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14 Pesticide Action Network North America

15 *Seeking admission *pro hac vice*

16
17 IN THE UNITED STATES DISTRICT COURT
18 FOR THE NORTHERN DISTRICT OF CALIFORNIA
19 SAN FRANCISCO DIVISION

20 **CENTER FOR BIOLOGICAL**
21 **DIVERSITY**, a non-profit organization; and)
22 **PESTICIDE ACTION NETWORK**
23 **NORTH AMERICA**, a non-profit)
organization;)

24 Plaintiffs,)

25 v.)

26 **ENVIRONMENTAL PROTECTION**
27 **AGENCY**; and **LISA JACKSON**,)
Administrator, U.S. EPA;)

28 Defendants.)

Case No. _____

**COMPLAINT FOR DECLARATORY
AND INJUNCTIVE RELIEF**

1 **INTRODUCTION**

2 1. This action challenges the failure of Defendants Environmental Protection Agency and
3 Lisa Jackson, Environmental Protection Agency Administrator, (collectively “EPA”) to consult with the
4 United States Fish and Wildlife Service (“FWS”) and National Marine Fisheries Service (“NMFS”)
5 (collectively “Service”) pursuant to Section 7(a)(2) of the Endangered Species Act (“ESA”), 16 U.S.C.
6 § 1536(a)(2), regarding the effects of EPA-registered pesticides on endangered and threatened species
7 throughout the United States of America.

8 2. Consultation with the Service is necessary to ensure that EPA’s oversight of pesticides
9 does not jeopardize the continued existence of any endangered or threatened species or result in the
10 destruction or adverse modification of designated critical habitat of these species. 16 U.S.C. §
11 1536(a)(2). If EPA engaged in consultation as required, the Service would assess how pesticides are
12 affecting listed species and their habitats and, if necessary, would suggest reasonable and prudent
13 alternatives to protect the species. 16 U.S.C. § 1536(a)(3).

14 3. The Center for Biological Diversity (“the Center”) and Pesticide Action Network North
15 America (“PANNA”) (collectively “Plaintiffs”) seek an order declaring that EPA has violated Section
16 7(a)(2) of the ESA by failing to undergo consultation with the Service concerning pesticide impacts on
17 endangered and threatened species in the United States. Plaintiffs seek an order compelling EPA to
18 initiate and complete this consultation process. Plaintiffs also seek an order enjoining EPA from
19 allowing pesticide uses that may result in pesticides entering occupied habitat or designated critical
20 habitat of endangered and threatened species until the consultation process has been completed and
21 EPA has brought its pesticide registrations into compliance with Section 7(a)(2) of the ESA.

22 **JURISDICTION AND VENUE**

23 4. The Court has jurisdiction over this action by virtue of 28 U.S.C. § 1331 because
24 Plaintiffs allege violations of federal law. The Court is authorized to provide declaratory and injunctive
25 relief pursuant to 28 U.S.C. §§ 2201 - 2202. The ESA’s citizen suit provision, 16 U.S.C. § 1540(g),
26 authorizes the Court to enjoin violations of the ESA and its implementing regulations.

1 5. As required by the ESA, 16 U.S.C. § 1540(g)(2)(A), Plaintiffs provided EPA with at least
2 60 days notice of their intent to sue by sending letters to EPA on January 27, 2010; March 16, 2010;
3 and May 20, 2010.

4 6. EPA has not remedied the violations set out in the 60-day notices.

5 7. Venue lies in this Court pursuant to 28 U.S.C. § 1391(e) as Plaintiffs reside in this
6 judicial district and no real property is involved. In addition, under 16 U.S.C. § 1540(g)(3)(A), this
7 lawsuit may be brought in this judicial district because Defendants' violations of the ESA have occurred
8 in this district.

9 INTRADISTRICT ASSIGNMENT

10 8. Pursuant to Civil Local Rules 3-2(c) and 3-2(d), this action is properly assigned to either
11 the San Francisco or Oakland Division of this Court because Plaintiffs reside in and maintain offices in
12 San Francisco County.

13 PARTIES

14 9. Plaintiff CENTER FOR BIOLOGICAL DIVERSITY is a non-profit corporation with
15 offices in San Francisco, Joshua Tree, and Los Angeles, California; Portland, Oregon; Silver Springs,
16 New Mexico; Tucson and Flagstaff, Arizona; Anchorage, Alaska; Brooklyn, New York; Richmond,
17 Vermont; Seattle, Washington; Minneapolis and Duluth, Minnesota; Las Vegas, Nevada; and
18 Washington, D.C. The Center is actively involved in species and habitat protection issues throughout
19 the United States, including the U.S. territories, as well as outside of the United States. The Center has
20 42,000 members that live throughout the United States, including in San Francisco.

21 10. Plaintiff PESTICIDE ACTION NETWORK NORTH AMERICA is a non-profit, public
22 interest organization in San Francisco. PANNA is one of five independent regional centers of Pesticide
23 Action Network International, a network of more than 600 organizations in 90 countries. Pesticide
24 Action Network has 22,000 members and more than 100 organizational partners across the United
25 States, working to replace the most hazardous pesticides with ecologically sound, socially just
26 alternatives that protect people and the environment. For 28 years, Pesticide Action Network has
27 fought to preserve ecosystems, biodiversity, sustainable agriculture, and community food security.

1 11. Plaintiffs' members live, work, visit, recreate, and otherwise enjoy areas across the nation
2 that are impacted by the pesticides at issue in this Complaint. Plaintiffs' members derive professional,
3 aesthetic, spiritual, recreational, economic, and educational benefits from the endangered and threatened
4 species that live in these areas. Plaintiffs' members engage in wildlife observation, research,
5 photography, restoration activities, and educational programs involving endangered and threatened
6 species that are impacted by the pesticides at issue in this Complaint. Plaintiffs and their members have
7 participated and continue to participate in efforts to protect these species and their habitats. Plaintiffs'
8 members will continue to maintain an interest in these species and areas in the future.

9 12. The above-described interests of Plaintiffs and their members have been and are being
10 adversely affected by EPA's registration, authorization, and oversight of pesticides known to be
11 harmful to endangered and threatened species and their habitats. EPA must register and authorize
12 pesticides before they can be used. Once in the environment, pesticides impact species through acute
13 and chronic effects, and contamination of their habitats. Absent EPA's registration and oversight of
14 pesticides, they could not be used and would not be negatively impacting listed species. EPA's failure
15 to ensure that its actions regarding pesticides do not impact endangered species and their habitats harms
16 Plaintiffs' members' interests in the species. If EPA engaged in consultation as required, the Service
17 would detail how the pesticides are affecting listed species and their habitats and, if necessary, would
18 suggest reasonable and prudent alternatives to protect the species. 16 U.S.C. § 1536(a)(3).

19 13. Unless the requested relief is granted, Plaintiffs' interests will continue to be injured by
20 EPA's failure to consult with the Service, as well as by the ongoing harm to these species and their
21 habitats as a result of ongoing pesticide use. The injuries described above are actual, concrete injuries
22 that are presently suffered by Plaintiffs and their members and will continue to occur unless relief is
23 granted by this Court. These injuries are directly caused by the Defendants' failure to consult with the
24 Service to ensure that their actions do not affect listed species. The relief sought herein, EPA's
25 compliance with the ESA, would redress Plaintiffs' injuries. Plaintiffs have no other adequate remedy
26 at law, and they bring this action on behalf of their adversely affected members.

27 14. Defendant ENVIRONMENTAL PROTECTION AGENCY is the federal agency charged
28 with registering pesticides under the Federal Insecticide, Fungicide, and Rodenticide Act ("FIFRA").

1 As such, EPA must ensure that the pesticide uses it authorizes will not have unreasonable adverse
2 effects on the environment, including on endangered and threatened species and their habitats. 7 U.S.C.
3 §§ 136-136y. EPA also has duties to regulate and restrict pesticide uses under the Federal Food, Drug,
4 and Cosmetic Act, as amended by the Food Quality Protection Act, 21 U.S.C. §§ 307-397. EPA is
5 further charged with complying with the ESA with respect to its programs, authorities, and actions. 16
6 U.S.C. § 1536. Here, Plaintiffs bring claims only under the ESA.

7 15. Defendant LISA JACKSON is the Administrator of EPA. She is sued in her official
8 capacity as EPA Administrator.

9 **LEGAL BACKGROUND**

10 **I. EPA's Duties Under The Endangered Species Act**

11 16. Congress enacted the ESA, in part, to provide a “means whereby the ecosystems upon
12 which endangered species and threatened species depend may be conserved . . . [and] a program for the
13 conservation of such endangered species and threatened species” 16 U.S.C. § 1531(b).

14 17. The ESA vests primary responsibility for administering and enforcing the statute with the
15 Secretaries of Commerce and Interior. The Secretaries of Commerce and Interior have delegated this
16 responsibility to the NMFS and the FWS respectively.

17 18. When a species has been listed as threatened or endangered under the ESA, all federal
18 agencies – including EPA – must ensure that their programs and activities are in compliance with the
19 ESA.

20 19. To this end, Section 7(a)(2) of the ESA requires that “each federal agency shall, in
21 consultation with and with the assistance of the [Service], insure that any action authorized, funded, or
22 carried out by such agency [hereinafter “agency action”] is not likely to jeopardize the continued
23 existence of any endangered species or threatened species or result in the destruction or adverse
24 modification of habitat of such species which is determined by the [Service] . . . to be critical.” 16
25 U.S.C. § 1536(a)(2).

26 20. The ESA establishes an interagency consultation process to assist federal agencies in
27 complying with their Section 7(a)(2) duty to guard against jeopardy to listed species or destruction or
28 adverse modification of critical habitat. Under Section 7(a)(2), federal agencies must consult with the

1 Service to determine whether their actions will jeopardize listed species' survival or adversely modify
2 designated critical habitat, and if so, to identify ways to modify the action to avoid that result. 50 C.F.R.
3 § 402.14 (2010).

4 21. An agency must initiate consultation under Section 7 whenever its action "may affect" a
5 listed species or critical habitat. 50 C.F.R. § 402.14(a). Conversely, an agency is relieved of the
6 obligation to consult on its actions only where the action will have "no effect" on listed species or
7 designated critical habitat. Effects determinations are based on the direct, indirect, and cumulative
8 effects of the action when added to the environmental baseline and other interrelated and interdependent
9 actions. 50 C.F.R. § 402.02 (definition of "effects of the action").

10 22. An agency is required to review its actions "at the earliest possible time" to determine
11 whether the action may affected listed species or critical habitat. 50 C.F.R. § 402.14(a).

12 23. The scope of agency actions subject to consultation are broadly defined to encompass
13 "all activities or programs of any kind authorized, funded, or carried out, in whole or in part, by Federal
14 agencies." 50 C.F.R. § 402.02 (definition of "action").

15 24. Agencies must reinitiate consultation on agency actions over which the federal agency
16 retains, or is authorized to exercise, discretionary involvement or control if new information reveals
17 effects of the action that may affect listed species or critical habitat in a manner or to an extent not
18 previously considered; if the identified action is subsequently modified in a manner that causes an effect
19 to the listed species or critical habitat that was not considered in the biological opinion; or if a new
20 species is listed . . . that may be affected by the identified action." 50 C.F.R. § 402.16 (reinitiation of
21 consultation).

22 25. Section 7(d) of the ESA, 16 U.S.C. § 1536(d), provides that once a federal agency
23 initiates consultation on an action under the ESA, the agency "shall not make any irreversible or
24 irretrievable commitment of resources with respect to the agency action which has the effect of
25 foreclosing the formulation or implementation of any reasonable and prudent alternative measures
26 which would not violate subsection (a)(2) of this section." The purpose of Section 7(d) is to maintain
27 the environmental status quo pending the completion of consultation. Section 7(d) prohibitions remain
28 in effect throughout the consultation period and until the federal agency has satisfied its obligations

1 under Section 7(a)(2) that the action will not result in jeopardy to the species or adverse modification of
2 its critical habitat.

3 26. To initiate consultation, the action agency (here, EPA) must assess the impacts of the
4 action on listed species and their habitat and provide all relevant information about such impacts to the
5 Service. 50 C.F.R. § 402.14(c). If the action agency determines that an action “may affect,” but is “not
6 likely to adversely affect” the listed species or its critical habitat and the Service concurs in writing with
7 that determination, the agency does not have to undergo formal consultation. 50 C.F.R. § 402.13.

8 27. If the Service does not concur, or if the action agency has determined that the action is
9 “likely to adversely affect” the listed species, the agencies must conduct a formal consultation. *Id.* at §§
10 402.02, 402.14(a).

11 28. The end product of formal consultation is a biological opinion in which the Service
12 determines whether agency action will jeopardize the survival or recovery of listed species or will
13 destroy or adversely modify the species’ critical habitat. 16 U.S.C. § 1536(b). To make this
14 determination, the Service must review all relevant information and provide a detailed evaluation of the
15 action’s effects, including the cumulative effects of federal and nonfederal activities in the area, on the
16 listed species. 16 U.S.C. § 1536(b)(3)(A); 50 C.F.R. § 402.14(g)-(h). The Service has a statutory duty
17 to use the best available scientific information in an ESA consultation. 16 U.S.C. § 1536(a)(2); 50
18 C.F.R. § 402.14(g)(8). If the Service determines that the action is likely to jeopardize the species, the
19 biological opinion must specify “reasonable and prudent alternatives” that will avoid jeopardy. 16
20 U.S.C. § 1536(b); 50 C.F.R. § 402.14(h)(3). The Service must also formulate discretionary
21 conservation recommendations to reduce or minimize the action’s impacts on listed species or critical
22 habitat. 50 C.F.R. § 402.14(g)(6).

23 29. “[R]easonable and prudent alternatives” are alternative actions identified during formal
24 consultation that (1) can be implemented in a manner consistent with the intended purpose of the action,
25 (2) can be implemented consistent with the scope of the action agency’s legal authority, (3) are
26 economically and technologically feasible, and (4) would avoid the likelihood of jeopardizing the
27 continued existence of listed species and/or avert the destruction or adverse modification of critical
28 habitat.

1 30. Not only does a Section 7(a)(2) consultation assist the action agency in discharging its
2 duty to avoid jeopardy, but the biological opinion also affects the agency’s obligation to avoid the
3 “take” of listed species. Under ESA Section 9, 16 U.S.C. § 1538(a)(1)(B), it is illegal for any person –
4 whether a private or governmental entity – to “take” any endangered species of fish or wildlife listed
5 under the ESA. “Take” is defined to mean harass, harm, pursue, hunt, shoot, wound, kill, trap, capture,
6 or collect, or attempt to engage in such conduct. *Id.* at § 1532(19). The Service has defined “harm” to
7 include “significant habitat modification or degradation which actually kills or injures fish or wildlife
8 by significantly impairing essential behavioral patterns, including breeding, spawning, rearing,
9 migrating, feeding or sheltering.” 50 C.F.R. § 222.102.

10 31. As part of a consultation, the Service determines whether to authorize the take of listed
11 species through the issuance of an incidental take statement. An incidental take statement may be
12 issued only if the action can proceed without causing jeopardy. 16 U.S.C. § 1536(b)(4). An incidental
13 take statement must: (1) specify the impact of the incidental take on the listed species; (2) specify
14 “reasonable and prudent measures” the agency considers necessary to minimize that impact; and (3) set
15 forth mandatory terms and conditions. *Id.*

16 32. Reasonable and prudent measures, along with terms and conditions, are nondiscretionary
17 measures included in an incidental take statement that the Service considers necessary to minimize and
18 reduce impact to listed species and avoid jeopardy.

19 33. An incidental take statement insulates the federal agency from liability for a take of an
20 endangered or threatened species, provided the agency complies with the statement’s terms and
21 conditions. This insulation extends further to any entity receiving a federal permit, license,
22 authorization, or funding subject to, and in compliance with, the statement. 16 U.S.C. § 1536(o)(2).

23 **II. EPA’s Oversight Of Pesticides Under The Federal Insecticide, Fungicide, And Rodenticide** 24 **Act**

25 34. The Environmental Protection Agency is responsible for the oversight of pesticide sales
26 and use in the United States. Specifically, the Federal Insecticide, Fungicide, and Rodenticide Act
27 (“FIFRA”) charges EPA with registration, review, and ongoing oversight of chemicals for use as
28 insecticides, herbicides, fungicides, rodenticides, fumigants, and other pesticides (collectively

1 “pesticides”) in the United States. 7 U.S.C. §§ 136-136y. Under FIFRA, a pesticide generally may not
2 be sold or used in the United States unless it has an EPA registration for that particular use. 7 U.S.C. §
3 136a(a).

4 35. EPA may register a pesticide if it makes the following determinations: (1) the labeling
5 complies with FIFRA’s requirements; (2) the composition claims are warranted; (3) the pesticide will
6 perform its intended function; and (4) the pesticide will not cause unreasonable adverse effects on the
7 environment. 7 U.S.C. § 136a(c)(5).

8 36. The culmination of the registration process is EPA’s approval of a label for the particular
9 pesticide. FIFRA makes it unlawful to use a pesticide in a manner inconsistent with the label, 7 U.S.C.
10 § 136j(2)(G), or to make any claims that differ substantially from the label. 7 U.S.C. § 136j(1)(B).

11 37. EPA must classify pesticides as general or restricted use pesticides, depending on the risk
12 posed to the environment. Where necessary to guard against unreasonable adverse environmental
13 effects, EPA must classify a pesticide as restricted use. 7 U.S.C. § 136a(d)(1)(C). Restricted use
14 pesticides are subject to additional regulatory restrictions, particularly concerning application of the
15 pesticide. *Id.*

16 38. After approving a pesticide registration, EPA retains discretionary involvement and
17 control over that registration. EPA must periodically review pesticide registrations with a goal of
18 reviewing each pesticide registration every 15 years. 7 U.S.C. § 136a(g)(1). EPA has the authority to
19 compel registrants to submit data necessary for a “reregistration” review. *Id.* at 136a(g)(2). Registrants
20 are required to submit to EPA any information about registered pesticides’ unreasonable adverse effects
21 on the environment. *Id.* at § 136a(d)(2). EPA considers such information in reviewing and, where
22 necessary, modifying the pesticide registrations.

23 39. The EPA Administrator has the authority to cancel pesticide registrations whenever “a
24 pesticide or its labeling or other material required to be submitted does not comply with the provisions
25 of [FIFRA] or, when used in accordance with widespread and commonly recognized practice, generally
26 causes unreasonable adverse effects on the environment.” 7 U.S.C. § 136d(b). The Administrator may
27 immediately suspend a pesticide registration to prevent an imminent hazard. *Id.* § 136d(c). An
28

1 announcement by the Administrator of an intent to cancel a pesticide use often results in the registrant's
2 voluntary cancellation of, or agreement to further constraints upon, that use.

3 40. In 1988, amendments to FIFRA established a comprehensive reregistration scheme for
4 pesticides. 7 U.S.C. § 136a-1. The 1988 amendments require reregistration of all pesticide active
5 ingredients initially registered before November 1, 1984.

6 41. EPA's reregistration decisions require EPA to determine whether the pesticide causes
7 unreasonable adverse effects to people or the environment when used according to product labeling. 7
8 U.S.C. § 136a-1(g)(2)(C). The results of EPA's review are presented in a Reregistration Eligibility
9 Decision ("RED") document.

10 42. The RED contains a human health assessment and an ecological risk assessment. The
11 ecological risk assessment evaluates the likelihood that exposure to that pesticide may cause harmful
12 ecological effects. The effects can be direct (e.g. fish suffer the toxic effects from a pesticide entering
13 waterways), or indirect (e.g. birds become sick from ingesting contaminated fish). The studies
14 conducted in the ecological risk assessment include: defining the chemical properties of the pesticide;
15 determining how the pesticide behaves in the environment; and assessing its impact on plants and
16 animals not targeted by the pesticide (non-target organisms). To determine how the pesticide behaves
17 in the environment, EPA measures the interaction of the pesticide with soils, air, sunlight, surface water,
18 and ground water. It also considers the "environmental fate" of the pesticide: how fast and by what
19 means does the pesticide degrade; what are the breakdown chemicals; how much of the pesticide or its
20 breakdown chemicals will travel from the application site; and where will the pesticide or its breakdown
21 chemicals accumulate in the environment. Environmental fate analyses help to develop estimates of
22 pesticide concentrations in the environment. EPA compares possible exposures to a pesticide (based on
23 the environmental fate analyses) with resulting harmful effects on plants and animals.

24 43. The ecological risk assessment does not consider the cumulative or synergistic effects
25 posed by multiple pesticides on wildlife or the environment, nor does it address delayed effects of
26 pesticides, referred to as "lag effects."

27 44. The types of measures included in REDs to reduce risks from pesticides include:
28 voluntary cancellation of pesticide products or deletion of uses; declaring certain uses ineligible or not

1 yet eligible (and then proceeding with follow-up action to cancel the uses or require additional
2 supporting data); restricting use of products to certified applicators; limiting the amount or frequency of
3 use; improving use directions and precautions; requiring more protective clothing and equipment for
4 users; requiring special packaging or engineering controls; requiring no-treatment buffer zones;
5 employing ground water, surface water, or other environmental and ecological safeguards; and other
6 measures.

7 45. After EPA has issued a RED and declared a pesticide eligible for reregistration, individual
8 end-use products that contain pesticide active ingredients included in the case still must be reregistered.
9 This concluding part of the reregistration process is referred to as “product reregistration.” In issuing a
10 completed RED document, EPA calls in any product-specific data and revised labeling needed to make
11 final reregistration decisions for each of the individual pesticide products covered by the RED.

12 46. In 1996, Congress further amended FIFRA with the Federal Food, Drug, and Cosmetic
13 Act (“FFDCA”), 21 U.S.C. § 346a, as amended by the Food Quality Protection Act (“FQPA”), Pub. L.
14 104-170, which established new safety standards for pesticide residue in food. Under FQPA, EPA must
15 further determine with “reasonable certainty that no harm” will come to infants, children or other
16 sensitive individuals exposed to pesticides from food, water, and home and garden use. FQPA also
17 requires EPA to consider the cumulative effects of pesticides with common mechanisms of toxicity
18 when evaluating the safety of individual pesticides. EPA is satisfying FQPA’s requirements by
19 reassessing all existing “tolerances,” which are maximum limits for pesticide residues in foods. EPA is
20 using the reregistration program to accomplish the tolerance reassessments.

21 **III. EPA’s Review Of Pesticide Impacts On Listed Species**

22 47. In 1988, EPA established the “Endangered Species Protection Program” or “ESPP” to try
23 to address its pesticide program’s compliance with the ESA.

24 48. EPA uses Endangered Species Protection Bulletins (“Bulletins”) to reflect geographically
25 specific pesticide use limitations. In November of 2005, EPA published a final notice for its Field
26 Implementation of its Endangered Species Protection Program (“ESPP”). Prior to issuance of the final
27 ESPP, these Bulletins were voluntary. While the Bulletins are now enforceable, EPA has issued very
28 few Bulletins.

1 49. Despite the existence of EPA’s ESPP program for over 20 years, the vast majority of
2 pesticides have undergone no ESA analysis of impacts to listed species.

3 50. In fact, on information and belief, since 1993, there have been only a few completed
4 consultations with the Service regarding pesticide impacts to listed species, other than those imposed by
5 court orders, as discussed below.

6 **IV. Previous Litigation Addressing EPA’s Failure To Consult With The Service Regarding**
7 **Pesticide Impacts To Endangered And Threatened Species**

8 51. On January 30, 2001, a coalition of environmental groups filed a lawsuit against EPA for
9 violating the ESA when it failed to consult with the NMFS on pesticide impacts to endangered or
10 threatened salmon and steelhead in the waters of the Pacific Northwest. EPA admittedly did not do any
11 such consultation, but it argued that because it complied with FIFRA in registering the pesticides, it was
12 not bound by the ESA. The Ninth Circuit rejected EPA’s contention and held that the agency was
13 bound by the ESA: “EPA retains ongoing discretion to register pesticides, alter pesticide registrations,
14 and cancel pesticide registrations. Because EPA has continuing authority over pesticide regulation, it
15 has a continuing obligation to follow the requirements of the ESA.” *Washington Toxics Coalition v.*
16 *EPA*, 413 F.3d 1024, 1033 (9th Cir. 2005). The Ninth Circuit affirmed the district court’s grant of
17 injunctive relief, which placed restrictions on the use of certain pesticides in or near the habitat of listed
18 salmon and steelhead. *Id.* at 1035.

19 52. On April 2, 2002, the Center for Biological Diversity filed a lawsuit against EPA for
20 failing to undergo consultation with the FWS regarding pesticide impacts on the California red-legged
21 frog, in violation of Section 7(a)(2) of the ESA. On September 19, 2005, the Court granted the Center’s
22 motion for summary judgment. *Center for Biological Diversity v. Leavitt*, 2005 U.S. Dist. LEXIS
23 40806, * 12 (N.D. Cal. Sept. 19, 2005). Pursuant to the Court’s order, the parties on October 20, 2006,
24 stipulated to a schedule by which EPA would determine if its actions could affect the species and also
25 agreed to interim injunctive relief that provided for restrictions on pesticide use in and near frog habitat.

26 53. On May 30, 2007, the Center for Biological Diversity filed a lawsuit against EPA for
27 failing to undergo consultation with FWS regarding pesticide impacts on eleven San Francisco Bay Area
28 species, in violation of Section 7(a)(2) of the ESA. On May 17, 2010, the Court entered an Order

1 Approving the Stipulated Injunction. *Center for Biological Diversity v. Environmental Protection*
2 *Agency*, 3:07-cv-02794-JCS (Docket No. 121). Through this stipulation, EPA agreed to a schedule of
3 compliance for completing consultation, and to an injunction restricting pesticide use in and near the
4 species' habitats.

5 **FACTUAL BACKGROUND**

6 **I. Pesticide Use In The U.S.**

7 54. Widespread use of synthetic pesticides began after World War II when federal and local
8 governments sponsored large-scale spraying programs using organochlorines such as DDT. Although
9 many of the organochlorines have been phased out, they have been replaced with less persistent yet still
10 potentially harmful chemicals such as organophosphates, carbamates, and triazines.

11 55. Over one billion pounds of pesticides are used each year in this country to control weeds,
12 insects and other living organisms. EPA has registered more than 18,000 pesticides.

13 56. Agriculture accounts for 70 to 80 percent of total pesticide use with few measures in
14 place to protect the environment. Home and commercial uses also contribute significant amounts of
15 pesticides to our environment.

16 **II. Pesticide Contamination Of The Environment**

17 **Runoff Leads To Contaminated Waterways**

18 57. Agricultural and urban runoff transports pesticides from their application sites to other
19 parts of the environment. Movement of pesticides via runoff can occur when pesticides are dissolved in
20 the water or bound to eroding soil particles.

21 58. Over the last decade, the United States Geological Survey ("USGS") has released several
22 reports on its nationwide water quality surveys, documenting the prevalence of pesticides in our
23 nation's waterways, particularly in streams and groundwater in basins with significant agricultural or
24 urban development.

25 59. This polluted runoff can pose acute and chronic problems to wildlife and plants. USGS
26 noted a direct correlation between the amounts and types of pesticides used and their frequency in
27 nearby surface waters. USGS found pesticides in waters at concentrations exceeding harmful levels and
28 mixtures of multiple pesticides were commonly found in stream samples.

1 **Pesticide Drift Harms Wildlife Far From Target Site**

2 60. Runoff is not the only mechanism by which pesticides travel inadvertently. Pesticide
3 drift is any airborne movement of pesticides away from the target site. Fine droplets generated by spray
4 nozzles can drift long distances before settling. EPA receives thousands of reported complaints of off-
5 target spray drift each year. EPA acknowledges that some degree of spray drift will occur from nearly
6 all pesticide applications.

7 61. In addition, applications of gaseous fumigant pesticides always involve escape of the
8 gases from the intended application site, generally through the normal (and presently legal) application
9 process, but also through leaking equipment, containers, or tarps.

10 62. Pesticide drift does not end when applications are complete. Post-application drift also
11 may occur over many days and even weeks after a pesticide application. Post-application drift takes
12 two forms. Volatilization drift occurs because some pesticides readily volatilize from the leaf and soil
13 surfaces on which they were initially deposited. These pesticides might be liquids or oils when applied,
14 but evaporate in the heat of the day, drift for a distance, and re-condense when the temperature drops or
15 when they contact a cool surface. This process is repeated many times as the pesticide is carried by
16 prevailing winds. Drift of pesticide-coated dust particles can also occur. High winds in agricultural
17 areas create clouds of dust from pesticide-treated fields. This dust is eventually deposited, often a great
18 distance from its application point. Both volatile and non-volatile pesticides may cling to dust particles
19 and drift in this manner.

20 63. The amount of drift that occurs via pesticide use has been characterized as “considerable”
21 by the National Research Council and is thought to vary from 5 percent (under optimal low wind
22 conditions) to 60 percent (under more typical conditions). Pesticides can drift for many miles.

23 64. Impacts to non-target wildlife from pesticide drift have been well documented. For
24 example, studies have implicated pesticide drift from the Central Valley of California in disproportional
25 declines of several native frog species in the Sierra Nevada mountain range. Even tadpoles collected
26 from high in the Sierra Nevada in areas with no direct pesticide use contain pesticide residues in their
27 systems.

1 **III. Pesticide Classes**

2 **Insecticides**

3 65. Insecticides are used in agricultural, commercial, and residential settings to control
4 arthropod and arachnid insects. Aquatic arthropods such as crustaceans and aquatic insects are also
5 sensitive to insecticides. Because many insecticides work by mechanisms of action that also apply in
6 mammalian, avian, fish, amphibian and reptile species, they are directly toxic to many animal taxa
7 groups.

8 66. Insecticides can also have indirect effects on endangered species by virtue of their
9 toxicity to the food sources; for example, some fish species are not particularly sensitive to some types
10 of insecticides, yet the aquatic insects that they rely on for a food supply can be eliminated by a toxic
11 pulse of pesticide from field runoff.

12 67. The different classes of insecticides have differing relative toxicity to different taxa
13 groups. The neurotoxic organochlorine, organophosphorus, and carbamate insecticides can be acutely
14 toxic to birds, mammals, and fish.

15 68. The pyrethroid insecticides are generally less acutely toxic to mammals and birds, but
16 can be highly acutely toxic to aquatic organisms. Pyrethroid insecticides may also cause chronic effects
17 on reproduction through disruption of the endocrine system. Persistent insecticides such as some of the
18 pyrethroids have been shown to affect benthic species in creeks receiving runoff from agricultural and
19 residential areas where the pesticides are used.

20 69. Broad-spectrum pesticides used to destroy pest insects can disrupt the natural balance
21 between pest and predator insects and indiscriminately kill beneficial insects needed for pollination and
22 other ecosystem services as well.

23 **Herbicides**

24 70. Herbicides are used in agricultural, commercial, and residential settings to control
25 terrestrial and aquatic weeds.

26 71. Many herbicides are water soluble with low affinity for soils and thus have potential to
27 run off into aquatic ecosystems where they may pose a risk to aquatic species. Both runoff and spray
28 drift of herbicides into aquatic and terrestrial habitats can destroy plant cover used for habitat and food

1 for endangered animals, leading to indirect effects on endangered species. Although generally less
2 acutely toxic than insecticides, many herbicides may cause chronic effects on reproduction through
3 disruption of the endocrine system or by other mechanisms.

4 72. Several classes of herbicides are particularly problematic for endangered species. Some
5 chloroacetanilide herbicides are toxic to certain species of mammals, birds, crustaceans and fish, as well
6 as non-target plants. Triazine herbicides have been associated with endocrine disruption, with effects
7 on the reproductive and immune systems capable of compromising populations of endangered species.
8 Sulfonylurea and pyridinecarboxylic acid herbicides are exceptionally long-lived and can have long-
9 lasting impacts on plants and the imperiled species that depend upon them for survival.

10 **Rodenticides**

11 73. Rodenticides are used to control mice, rats, gophers, other rodents, and rabbits in
12 agricultural, residential, and commercial settings.

13 74. There is potential for harm not only to endangered rodents, but also to the many predator
14 species that depend on rodents as food. Raptors, scavengers (such as the California condor), and
15 mammalian predators (such as wolves and foxes) are all vulnerable from ingesting poisoned rodents.

16 75. Rodenticides fall into several categories, such as first-generation anticoagulants (warfarin,
17 chlorophacinone, and diphacinone) and second-generation anticoagulants (brodifacoum, difethialone,
18 bromadiolone and difenacoum). For the second-generation anticoagulants, the time between ingestion
19 and death can be as long as five days. Additionally, second-generation anticoagulants can persist in
20 body tissues for nearly one year and can cause secondary poisoning to predators over extended periods
21 of time.

22 **Fungicides**

23 76. Fungicides are used against molds, mildews, soil pathogens, and in wood preservation.

24 77. As a group, fungicides are heterogeneous and diverse and may affect a wide variety of
25 endangered species through various mechanisms. Acute effects to aquatic species are particularly
26 notable for fungicides. Endocrine disruption is also a potential effect of exposure to many fungicides,
27 with effects on reproduction and the immune system.

1 **Fumigants**

2 78. Fumigant pesticides (methyl bromide, methyl iodide, metam and dazomet salts,
3 chloropicrin and 1,3-dichloropropene) are used in pre-plant soil treatments to kill nematodes, fungal
4 pathogens, and weed seeds.

5 79. Fumigants are used at application rates between 50 and 400 pounds per acre and are all
6 highly volatile, vaporizing to form gases that drift away from the application site and into neighboring
7 areas.

8 80. EPA has not required sufficient data for a comprehensive ecological analysis, and it has
9 not prioritized these chemicals for ecological risk assessment, assuming that effects are minimal,
10 although there is little data to support that conclusion. In fact, many of these chemicals are neurotoxic
11 and/or highly irritating and used at such high application rates that animals adjacent to fumigation sites
12 find it impossible to avoid inhalation exposure at levels that could be fatal or severely damaging to the
13 individual. Spills of liquid fumigants into waterways can be similarly devastating to aquatic life.

14 **IV. Harmful Biological Effects Of Pesticides**

15 81. Pesticides are well known to have adverse effects on wildlife. These impacts have been
16 in the public consciousness since the 1960s when Rachel Carson published *Silent Spring*, which
17 examined devastating impacts of pesticides on the environment, particularly birds. In 2004, the Center
18 published *Silent Spring Revisited: Pesticide Use and Endangered Species*, detailing the Environmental
19 Protection Agency's dismal record in protecting endangered species from pesticides.

20 82. Death is the most extreme and obvious effect of exposure to pesticides, but it is not the
21 only significant biological impact. Sublethal effects occur at far lower concentrations than those that
22 cause death. Sublethal effects include impaired growth and development, malformations, reduced
23 reproductive success, immune suppression, and more. For example, a 2009 study found that exposure
24 to pesticides can slow the time to metamorphosis for frog and toad species. Such delay causes increased
25 vulnerability to predators and may be a factor contributing to widespread amphibian decline.

26 83. Aquatic species are particularly vulnerable to the harmful impacts of pesticides because
27 pesticides are pervasive in U.S. waterways. USGS found that "[a]lmost every sample of water and fish
28 from streams and major rivers in all land use settings contained at least one of the pesticides that we

1 measured. This means that, throughout the nation, almost every time and place that you observe a
2 stream or river in a populated area you are looking at water that contains pesticides, inhabited by fish
3 that contain pesticides.”

4 84. Many of the pesticides detected in U.S. waterways have been discontinued for many
5 years, and their continued presence raises serious concerns about the long-term chronic impacts of
6 pesticides on aquatic species. Moreover, more recent and currently used pesticides (such as
7 chlorpyrifos, benfluralin, dicofol, bensulide, PCNB, endosulfan, pentachlorophenol, esfenvalerate,
8 ethalfluralin, oxadiazon, pendimethalin, triallate, trifluralin, permethrin, phorate, and propargite) are all
9 predicted to have potential to accumulate in aquatic biota.

10 85. Amphibians are highly susceptible to pesticides because of their permeable skins. For
11 example, salamanders can readily absorb the chemical chlorpyrifos through their permeable skins,
12 especially when migrating through recently treated fields. Numerous studies have documented
13 significant impacts to amphibians from pesticide exposure.

14 86. Wildlife can be indirectly impacted when pesticides harm food sources. For example, a
15 2005 study examined the impacts on salamanders from carbaryl, which is a commonly used insecticide
16 for home gardens, commercial agriculture, and forestry protection. The study found that zooplankton –
17 a primary food source for many salamanders during the aquatic life phase – was nearly eliminated by
18 concentrations of carbaryl commonly found in the environment. Without this food source, the study
19 showed that mortality in salamander larvae increased, resulting in fewer salamanders ultimately
20 reproducing and contributing to population declines.

21 87. Pesticides may also have indirect effects on insectivorous birds. In a 2010 study
22 published in the Journal of Applied Ecology, scientists found that populations of insectivorous birds
23 declined after application of insecticides suppressed their prey base of mosquitoes. Other studies have
24 shown that herbivorous insects can contain pesticide residues from eating plants sprayed with
25 herbicides. Insectivorous birds that ingest these insects may suffer the harmful effects of the pesticides.

26 88. Similarly, rodenticides enter the food chain when non-target birds and mammals feed on
27 targeted rodents. In a May 2008 risk assessment for rodenticides, EPA found that widespread exposure
28 of non-target animals is occurring wherever rodenticides are being used. For example, EPA found in

1 California that 71 to 84% of the 106 bobcats, mountain lions, and San Joaquin kit foxes analyzed had
2 been exposed. EPA suspects that the results from California are representative of non-target wildlife
3 exposures nationwide. In addition, FWS has found that rodenticides typically used on ground squirrels
4 are likely to have a disproportionately adverse effect on salamanders, which can inhabit rodent burrows,
5 are smaller than the target species, and have permeable skins.

6 89. Synthetic pyrethroids are suspected to have reproductive effects on birds. Sub-lethal
7 exposure to pesticides can chronically affect avian behavior, reproduction, and nervous system function.
8 Birds exposed to pesticides can become more susceptible to predation, experience weight loss, and
9 have decreased resistance to disease. Pesticide exposure can also reduce interest in mating and
10 defending territory and cause birds to abandon their nestlings.

11 90. Even low doses of pesticides in wildlife can have drastic consequences. This is especially
12 true for pesticides that act as “endocrine disruptors.” Endocrine disruptors are chemicals that mimic an
13 organism’s hormones, disrupting natural processes by sending false messages, blocking real messages,
14 preventing synthesis of the body’s own hormones, and accelerating the breakdown and excretion of
15 hormones. Endocrine disruption affects how an organism develops and functions. Reproductive
16 disorders, immune system dysfunction, thyroid disorders, types of cancer, birth defects and neurological
17 effects have all been linked to endocrine disruption. In particular, carbamate, organophosphate, and
18 triazine pesticides have all been shown to disrupt hormone systems. Over 60% of the poundage of
19 agricultural herbicides applied in the United States has the potential to disrupt endocrine and/or
20 reproductive systems wildlife (and humans).

21 91. Atrazine provides a stark example of the problem posed by endocrine disruptors.
22 Atrazine – which is now banned in the European Union – is the most commonly detected pesticide in
23 U.S. waters with about 75% of streamwater and 40% of groundwater containing atrazine. A 2007
24 USGS report identified levels of concentration of atrazine in watersheds: of the watersheds sampled, 25
25 watersheds had average concentrations above 1.0 ppb, nine had samples of 50 ppb or above, and four
26 exceeded 100 ppb. At just 0.1 ppb – far below the level established by EPA as safe for aquatic
27 organisms – atrazine can alter the development of sex characteristics in male frogs. As a result, studies
28

1 have concluded that due to the pervasive nature of atrazine at levels that can disrupt sexual development,
2 aquatic environments across the country are at risk.

3 92. These are just a few of the examples of the harm being inflicted by widespread pesticide
4 use. These harmful impacts have been known for years. Yet EPA continues to ignore this information
5 at the expense of numerous endangered and threatened species and their habitats. Action by EPA to
6 ensure that registered pesticides are not jeopardizing the survival and recovery of endangered and
7 threatened species is long overdue.

8 **V. Endangered And Threatened Species May Be Adversely Affected From Ongoing Exposure** 9 **To Pesticides**

10 93. The pesticides identified in Exhibit A, which is attached to this Complaint and hereby
11 fully incorporated within it, may affect the following endangered or threatened species or their critical
12 habitats:

13 • **Mammals**: Amargosa vole, black-footed ferret, Buena Vista Lake ornate shrew,
14 Carolina northern flying squirrel, Columbian white-tailed deer (Columbia River DPS), Delmarva
15 Peninsula fox squirrel, Florida salt marsh vole, Florida panther, Fresno kangaroo rat, giant kangaroo rat,
16 gray bat, gray wolf, Gulf Coast jaguarundi, Indiana bat, Key Largo cotton mouse, Key Largo woodrat,
17 killer whale (Southern Resident DPS), Louisiana black bear, Lower Keys rabbit, Morro Bay kangaroo
18 rat, ocelot, Ozark big-eared bat, Preble's meadow jumping mouse, riparian brush rabbit, riparian
19 woodrat, San Joaquin kit fox, Stephen's kangaroo rat, Tipton kangaroo rat, Utah prairie dog, and West
20 Indian manatee;

21 • **Birds**: Attwater's greater prairie chicken, Audubon's crested caracara (Florida DPS),
22 black-capped vireo, California condor, California least tern, Coastal California gnatcatcher, Florida
23 grasshopper sparrow, Florida scrub jay, light-footed clapper rail, Mississippi sandhill crane, northern
24 aplomado falcon, northern spotted owl, piping plover, red-cockaded woodpecker, roseate tern
25 (Northeast and Caribbean DPSs), San Clemente loggerhead shrike, southwestern willow flycatcher,
26 western snowy plover (Pacific DPS), and wood stork (U.S. breeding DPS);

27 • **Fish**: Alabama cavefish, Alabama sturgeon, amber darter, Atlantic salmon (Gulf of
28 Maine DPS), bayou darter, blue shiner, bonytail chub, boulder darter, bull trout (U.S. DPS), Cape Fear

1 shiner, Cherokee darter, Colorado pikeminnow, desert pupfish, Devils River minnow, Etowah darter,
2 fountain darter, goldline darter, Gulf sturgeon, humpback chub, leopard darter, Little Colorado
3 spinedace, Lost River sucker, Niangua darter, North American green sturgeon (Southern DPS), Oregon
4 chub, Ozark cavefish, Pecos bluntnose shiner, pygmy madtom, razorback sucker, Rio Grande silvery
5 minnow, Santa Ana sucker, shortnose sturgeon, smalltooth sawfish (U.S. DPS), snail darter, Topeka
6 shiner, Vermilion darter, Waccamaw silverside, and watercress darter;

7 • **Amphibians**: Arroyo toad, California tiger salamander (Central California DPS (except
8 for Bay Area Counties) and Santa Barbara County DPS), Chiricahua leopard frog, frosted flatwoods
9 salamander, guajon, Mississippi gopher frog, mountain yellow-legged frog (Southern California DPS),
10 Puerto Rican crested toad, Red Hills salamander, reticulated flatwoods salamander, San Marcos
11 salamander, Santa Cruz long-toed salamander, Shenandoah salamander, Texas blind salamander, and
12 Wyoming toad;

13 • **Mollusks**: Alabama lampmussel, Alabama moccasinshell, Appalachian elktoe,
14 Appalachian monkeyface, Arkansas fatmucket, armored marstonia, birdwing pearlymussel, Bliss
15 Rapids snail, Carolina heelsplitter, Chipola slabshell, clubshell, Coosa moccasinshell, Cumberland bean,
16 Cumberlandian combshell, cylindrical lioplax, dark pigtoe, dromedary pearlymussel, dwarf
17 wedgemussel, fat threeridge, finelined pocketbook, finerayed pigtoe, flat pebblesnail, Gulf
18 moccasinshell, Heavy pigtoe (Judge Tait's mussel), Higgins eye pearlymussel, Iowa Pleistocene snail,
19 James spinymussel, Koster's tryonia snail (Koster's springsnail), lacy elimia, littlewing pearlymussel,
20 Louisiana pearlshell, Morro shoulderband snail, northern riffleshell, Ochlockonee moccasinshell,
21 orangenacre mucket, Ouachita rock pocketbook, oval pigtoe, ovate clubshell, oyster mussel, painted
22 rocksnail, Pecos assiminea, pink mucket, plicate rocksnail, purple bankclimber, purple bean, Roswell
23 springsnail, rough pigtoe, rough rabbitsfoot, round rocksnail, scaleshell mussel, shiny pigtoe, shinyrayed
24 pocketbook, slender campeloma, Snake River physa, southern acornshell, southern clubshell, southern
25 combshell (Penitent mussel), southern pigtoe, speckled pocketbook, stirrup shell, Stock Island tree snail,
26 tan riffleshell, triangular kidneyshell, tulotoma, upland combshell, white wartyback, and winged
27 mapleleaf;

1 • **Crustaceans**: Alabama cave shrimp, cave crayfish, conservancy fairy shrimp, Illinois
2 cave amphipod, Kauai cave amphipod, Nashville crayfish, Peck’s cave amphipod, San Diego fairy
3 shrimp, Shasta crayfish, and Squirrel Chimney cave shrimp;

4 • **Insects**: American burying beetle, Behren’s fritillary (Behren’s silverspot), Callippe
5 silverspot, Delhi Sands flower-loving fly, Fender’s blue, Hine’s emerald dragonfly, Karner blue, Kauai
6 cave wolf spider, Kern primrose sphinx moth, Lange’s metalmark, Mitchell’s satyr butterfly, Myrtle’s
7 silverspot, northeastern beach tiger beetle, Ohlone tiger beetle, Quino checkerspot butterfly, Robber
8 Baron cave meshweaver, Salt Creek tiger beetle, San Bruno elfin, Schaus swallowtail, spruce-fir moss
9 spider, and Zayante band-winged grasshopper;

10 • **Reptiles**: Alabama redbelly turtle, Atlantic salt marsh snake, bluetail mole skink, blunt-
11 nosed leopard lizard, bog turtle (Northern DPS), Coachella Valley fringe-toed lizard, desert tortoise
12 (Mojave DPS), Eastern indigo snake, giant garter snake, gopher tortoise (Western DPS), northern red-
13 bellied cooter (Plymouth red-bellied cooter), ringed map turtle, and sand skink.

14 94. Moreover, in addition to the pesticides listed in Exhibit A for the above species, any
15 pesticide that could be used as a substitute for a pesticide listed in Exhibit A, and which poses a risk of
16 harm to the species, may also affect the above species. For example, pyrethroid or neonicotinoid
17 insecticides are often used as substitutes for organophosphorus insecticides, although they may not have
18 been used historically in or near a particular species’ habitat. Similarly, new pesticides may have come
19 on the market in the years since the historical use data were published. Species need protection from
20 newer pesticides and EPA must consult with the Service to ensure that their use will not harm
21 endangered or threatened species.

22 95. Each of the pesticides subject to this lawsuit falls within one of the following three
23 categories.

24 96. Category 1 includes pesticides for which EPA has indicated that Estimated
25 Environmental Concentrations are likely to exceed Levels of Concern for endangered or threatened
26 species or may cause indirect effects on endangered species by altering habitat or food sources.

27 97. Category 2 includes pesticides that are “highly acutely toxic” or “very highly acutely
28 toxic” to one or more taxa groups. These toxicity ratings are based on LD50 or LC50 data (lethal dose

1 to 50 percent of the test organisms or lethal concentration of 50 percent of the test organisms) in one or
2 more of three databases that EPA maintains: AQUIRE, Terretox, and EPA database of ecotoxicity
3 studies used in registration decisions.

4 98. Category 3 includes pesticides that are suspected endocrine disruptors based on published
5 information, as well as pesticides that do not fall into Category 1 or 2 but for which data exist in
6 regulatory reports from other agencies, peer-reviewed literature, or Materials Safety Data Sheets
7 indicating high toxicity to certain taxa groups.

8 99. The endangered or threatened species identified in Exhibit A, as well as their habitats, are
9 susceptible to harmful impacts from pesticides. Federal agency documents or peer-reviewed journal
10 articles document pesticide impacts on these species.

11 100. In addition, for many of the species at issue in this lawsuit, USGS has identified
12 pesticides known to be harmful to the taxonomic group to which the species belongs in a watershed
13 occupied by the species.

14 101. The pesticides listed for each endangered or threatened species in Exhibit A are those
15 known to be harmful to the taxonomic group of that species and can be used in the state where that
16 species lives.

17 102. This lawsuit does not cover combinations of pesticides and species for which effects
18 determinations and ESA Section 7 consultations are already in progress as a result of settlement of past
19 legal actions, unless such consultations are geographically restricted, in which case this lawsuit includes
20 those geographic areas not already covered by these consultations.

21 103. EPA has initiated consultation with the Service on only a small fraction of the registered
22 pesticides that can impact endangered and threatened species. And even for these pesticides, the
23 consultations do not consider all of the endangered and threatened species, or all of the geographic
24 regions, potentially impacted by these pesticides.

1 **VI. Examples of Documented Pesticide Impacts On Particular Endangered And Threatened**
2 **Species**

3 104. Potential impacts due to pesticide exposures for particular endangered and threatened
4 species are well documented. A few examples of the risks pesticides pose to listed species are provided
5 below.

6 105. Hoy and others (2002) discuss endocrine-disrupting pesticides as possible causes of
7 genital abnormalities in populations of male **Columbian white-tailed deer**.

8 106. EPA has found in its *Risk Assessment for Rodenticides* that: “[W]idespread exposures to
9 second-generation anticoagulants are occurring wherever those rodenticides are being used. Residue
10 analyses indicate that exposure is widespread in non-target populations. In New York, second-
11 generation anticoagulants were detected in 48% of 265 diurnal raptors and owls analyzed (15 species),
12 including 81% of 53 great horned owls, 58% of 78 red-tailed hawks, and 45% of 22 Eastern screech-
13 owls. In California, second-generation anticoagulants were detected in 71 to 84% of the 106 bobcats,
14 mountain lions, and **San Joaquin kit foxes** analyzed. Although comparable data from other states are
15 lacking, EPA suspects that the results from New York and California are representative of non-target
16 wildlife exposures nationwide.”

17 107. The listing designation for the **Buena Vista Lake shrew**, *Endangered Status for the*
18 *Buena Vista Lake Shrew*, 67 Fed. Reg. 10101 (March 6, 2002), states that due to the close proximity of
19 shrew habitat to an otherwise agriculturally dominated landscape, the shrew may be “directly exposed to
20 lethal and sublethal concentrations of pesticides from drift or direct spraying of crops, canals and ditch
21 banks, wetland or riparian edges, and roadsides where shrews might exist.” The listing designation also
22 notes that “[r]educed reproduction in Buena Vista Lake Shrews could be directly caused by pesticides
23 through grooming, and secondarily from feeding on contaminated insects.” The listing also specifically
24 acknowledges the endocrine-disrupting effects of carbamates and organophosphates, stating that
25 “laboratory experiments have shown that behavioral activities such as rearing, exploring for food, and
26 sniffing can be depressed for up to 6 hours in the common shrew from environmental and dietary
27 exposure to sublethal doses of a widely used insecticide, dimethoate.” Such depression in behavioral
28 activities could make the Buena Vista Lake shrew more vulnerable to predation and starvation.

1 108. The proximity of the **southwestern willow flycatcher** to agricultural areas indicates a
2 potential threat from pesticides. *Final Rule Determining Endangered Status for the Southwestern*
3 *Willow Flycatcher*, 60 Fed. Reg. 10694, 10713 (Feb. 27, 1995). FWS noted that pesticides may
4 potentially affect the flycatcher through direct toxicity or effects on their insect food base. *Id.*

5 109. In a proposed rulemaking to establish take prohibitions for **green sturgeon**, 74 Fed. Reg.
6 23821 (May 21, 2009), the FWS found that the “application of pesticides may adversely affect prey
7 resources and water quality within the bays and estuaries. For example, in Willapa Bay and Grays
8 Harbor, the use of carbaryl in association with aquaculture operations reduces the abundance and
9 availability of burrowing ghost shrimp, an important prey species for green sturgeon (Moser and
10 Lindley 2007; Dumbauld et al. 2008). In the San Francisco, San Pablo, and Suisun bays, several
11 pesticides have been detected at levels exceeding national benchmarks for the protection of aquatic life
12 (Domagalski et al. 2000). These pesticides pose a water quality issue and may affect the abundance and
13 health of prey items as well as the growth and reproductive health of Southern DPS green sturgeon
14 through bioaccumulation.” *Id.*

15 110. FWS has stated that the surviving population of the **Vermillion darter** is currently
16 threatened by pesticides that wash into streams from runoff. *Final Rule to List the Vermillion Darter as*
17 *Endangered*, 66 Fed. Reg. 59367 (Nov. 28, 2001). FWS cited to a study (Swann 2000) that attributed a
18 past fish kill to pesticide runoff from urban use. *Id.*

19 111. FWS has determined that pesticides may harm the **scaleshell mussel**. *Determination of*
20 *Endangered Status for the Scaleshell Mussel*, 66 Fed. Reg. 51322, 51334 (October 9, 2001). Surface
21 run-off of pesticides was noted as an apparent contributing factor in the degradation of the scaleshell
22 mussel’s habitat. *Id.* FWS acknowledged that pesticide registration is a federal activity that could
23 impact the scaleshell mussel.

24 112. The FWS has determined that use of insecticides threatens the **Callippe silverspot** and
25 **Behren’s silverspot butterflies**. *Determination of Endangered Status for the Callippe Silverspot*
26 *Butterfly and the Behren’s Silverspot Butterfly and Threatened Status for Alameda Whipsnake*, 62 Fed.
27 Reg. 64306, 64314 (Dec. 5, 1997). FWS noted that silverspot butterfly larvae are extremely sensitive to
28

1 pesticides and the accumulation of runoff in the soil after spraying has proven lethal to the larvae of
2 members of the genus to which these two species belong. *Id.*

3 113. In a five-year review for the **Alabama cave shrimp** conducted by the FWS, it was stated
4 that urbanization may have caused contamination of the aquifers containing this species. FWS states
5 that groundwater contamination may result from “sewage leakage, industrial contaminants, road and
6 highway runoff, toxic spills, pesticides, and siltation” and that this is likely the greatest threat to
7 populations of this shrimp.

8 114. For the **arroyo toad**, which is found in agricultural fields, FWS noted that such habitat is
9 probably a sink over the long term due to pesticide applications. *Designation of Critical Habitat for the*
10 *Arroyo Toad*, 66 Fed. Reg. 9414, 9415 (Feb. 7, 2001). FWS went on to state that the use of pesticides
11 and herbicides within or adjacent to arroyo toad habitat may cause adverse impacts.

12 115. FWS notes: “Pesticides (including herbicides) may pose a threat to amphibians, such as
13 the **frosted flatwoods salamander**, whose permeable eggs and skin readily absorb substances from the
14 surrounding aquatic or terrestrial environment (Duellman and Trueb 1986, pp. 199-200). Negative
15 effects that commonly used pesticides and herbicides may have on amphibians include delayed
16 metamorphosis, paralysis, reduced growth rate, and mortality (Bishop 1992, pp. 6769). Herbicides used
17 near frosted flatwoods salamander breeding ponds may alter the density and species composition of
18 vegetation surrounding a breeding site and reduce the number of potential sites for egg deposition,
19 larval development, or shelter for migrating salamanders. Aerial spraying of herbicides over outdoor
20 pond mesocosms (semifield approximations of ponds) has been shown to reduce zooplankton diversity,
21 a food source for larval frosted flatwoods salamanders, and cause very high (68 to 100 percent)
22 mortality in tadpoles and juvenile frogs (Relyea 2005, pp. 618-626). The potential for negative effects
23 from pesticide and herbicide use in areas adjacent to breeding ponds would be reduced by avoiding
24 aerial spraying (Tatum 2004, p. 1047).” *Endangered and Threatened Wildlife and Plants; Proposed*
25 *Endangered Status for Reticulated Flatwoods Salamander; Proposed Designation of Critical Habitat*
26 *for Frosted Flatwoods Salamander and Reticulated Flatwoods Salamander*, 73 Fed. Reg. 54125, 54131
27 (September 18, 2008).

1 116. The FWS has recognized that pesticides may affect the **Mississippi gopher frog**. FWS
2 cited numerous studies recognizing the multiple impacts pesticides have on frogs throughout their life
3 cycle. *Final Rule to List the Mississippi Gopher Frog Distinct Population Segment of the Dusky Gopher*
4 *Frog as Endangered*, 66 Fed. Reg. 62993 (December 4, 2001). FWS has also stated: “Some chemicals
5 used as herbicides and pesticides are known to be toxic to aquatic amphibians. Since there is only one
6 remaining pond for the Mississippi gopher frog population, any sedimentation or toxic run-off that
7 reaches the pond could destroy the pond and injure or kill tadpoles and adult frogs.”

8 **VII. Examples of Statements From EPA, Other Agencies, And Scientists That Particular**
9 **Pesticides Cause Impacts On Listed Species**

10 117. For many of the pesticides listed in Exhibit A, EPA has indicated in its own ecological
11 risk assessments that the “Expected Environmental Concentrations” are likely to exceed the “Levels of
12 Concern” (“LOCs”) for endangered species or threatened species and may cause indirect effects by
13 altering habitat or food sources.

14 118. In addition, information exists in EPA’s hazard assessments, the scientific literature, or
15 in Material Safety Data Sheets that demonstrate high acute or chronic toxicity of pesticides listed in
16 Exhibit A to one or more taxonomic groups.

17 119. The following statements are additional examples of evidence that pesticides may affect
18 endangered species or threatened species and their designated critical habitats.

19 120. In its 2005 RED for **2,4-D**, EPA states: “The Agency’s level of concern for endangered
20 and threatened freshwater fish and invertebrates, estuarine invertebrates, birds, mammals, aquatic
21 vascular plants, and terrestrial non-target plants is exceeded for the use of 2,4-D.”

22 121. In its 2006 RED for **acephate**, EPA states: “Endangered species LOCs except for fish
23 (estuarine and freshwater) and estuarine invertebrates are exceeded for all uses of acephate. In addition,
24 LOCs are exceeded for endangered species of mammals, amphibians, birds, reptiles, insects, and
25 freshwater invertebrates for the degradate methamidophos formed from all uses of acephate.”

26 122. In its 2007 RED for **aldicarb**, EPA states: “The Agency’s screening level risk
27 assessment for endangered and threatened species concluded that use of aldicarb has direct adverse
28 effects on listed species in the following taxonomic groups: terrestrial invertebrates, birds, terrestrial

1 phase amphibians, reptiles, mammals, freshwater fish, freshwater invertebrates, estuarine/marine
2 invertebrates, and estuarine/marine fish.”

3 123. In its 2006 RED for **atrazine**, EPA states: “Endangered species LOCs are exceeded for
4 terrestrial plants, birds and small mammals from the agricultural uses of atrazine. Acute risks to
5 endangered freshwater invertebrates and aquatic vascular plants are exceeded for all crop uses except
6 for the typical use rate on corn (1.1 lb ai/A). Chronic levels of concern for endangered species are
7 exceeded for fish and aquatic invertebrate reproduction for all use rates, except for corn and the typical
8 use rate on sorghum.”

9 124. In its 2006 IRED for **bensulide**, EPA states: “In general, the acute levels of concern for
10 bensulide are exceeded for freshwater fish, including those for threatened or endangered species, and
11 for freshwater invertebrates.”

12 125. In its 1998 RED for **butralin**, EPA states: “The following endangered species LOCs
13 have been exceeded: herbivorous and insectivorous endangered mammals and freshwater aquatic
14 invertebrates, and estuarine/marine fish and shrimp. Also, there may be possible reproductive effects to
15 birds.”

16 126. In its 1999 RED for **chlorothalonil**, EPA states: “The registered uses of chlorothalonil
17 may adversely affect endangered species of birds (chronically), mammals (chronically), freshwater fish
18 (acutely and chronically), freshwater invertebrates (acutely) and aquatic plants. Mollusks which may be
19 at risk include freshwater mussels (a phylum that includes numerous freshwater endangered species).”

20 127. In its 2003 Fact Sheet for **clothianidin**, EPA states: “Clothianidin is expected to present
21 acute and/or chronic toxicity risk to endangered/threatened birds and mammals via possible ingestion of
22 treated corn and canola seeds. Endangered/threatened non-target insects may be impacted via residue
23 laden pollen and nectar.”

24 128. In 2004 RED for **cycloate**, EPA states: “The screening level risk assessment indicates
25 that cycloate exceeds the endangered species level of concern for chronic risks to mammals.”

26 129. In its 1998 RED for **diphacinone**, EPA states: “Potential secondary risks exist for some
27 avian predators and scavengers that feed on poisoned rodents. The Agency presumes acute high risk to
28 any small mammals that feed on diphacinone baits.”

1 **VIII. EPA's Control Over And Involvement With All Pesticides At Issue In This Complaint**

2 130. All of the following pesticides (as also listed in Exhibit A) are currently registered for
3 use by EPA: 1,3-Dichloropropene; 10,10'-oxybisphenoxyarsine; 1080; 2,4-D salts and esters (2,4-D;
4 2,4-D, 2-ethylhexyl ester; 2,4-D, butoxyethanol ester; 2,4-D, diethanolamine salt; 2,4-D, diethylamine
5 salt; 2,4-D, dimethylamine salt; 2,4-D, isooctyl ester; 2,4-D, isopropyl ester; 2,4-D, isopropylamine salt;
6 2,4-D, methyamine salt; 2,4-D, sodium salt; 2,4-D, triisopropanolamine salt); 2,4-DB acid and 2,4-DB,
7 dimethylamine salt; 3-chloro-p-toluidine hydrochloride; 3-iodo-2-propynyl butyl carbamate; 3-
8 trifluoromethyl-4-nitrophenol; 4-aminopyridine; acephate; acequinocyl; acetamiprid; acetochlor;
9 acibenzolar-S-methyl; acrolein; alachlor; aldicarb; allethrin stereoisomers, bioallethrin (D-allethrin, D-
10 trans allethrin, S-bioallethrin); alpha-chlorohydrin; ametryne; aminopyralid and salts (aminopyralid,
11 aminopyralid potassium salt, and aminopyralid triisopropanolamine salt); amitraz; amitrole; ammonium
12 bromide; antimycin A; atrazine; avermectin; azinphos-methyl; azoxystrobin; benfluralin; bensulide;
13 bentazon and salts (bentazon and bentazon sodium salt); bethoxazin; bifenazate; bifenthrin; bis-(N-
14 cyclohexyldiazaniumdioxy)-copper; brodifacoum; bromacil and salts (bromacil and bromacil lithium
15 salt); bromadiolone; bromethalin; bromoxynil salts and esters (bromoxynil butyrate, bromoxynil
16 heptanoate, bromoxynil octanoate, bromoxynil phenol); buprofezin; butralin; butylate; captan; carbaryl;
17 carbendazim and salts (carbendazim and carbendazim phosphate); carbofuran; carboxin; chelerythrine
18 chloride-sanguinarine chloride mixture; chlorantraniliprole; chlorethoxyphos; chlorfenapyr;
19 chlorflurenol, methyl ester; chlorophacinone; chloropicrin; chlorothalonil; chlorpyrifos; chlorpyrifos-
20 methyl; cholecalciferol; chromium (VI) compounds (chromic acid and sodium bichromate dihydrate);
21 clodinafop-propargyl; clofentezine; clomazone; clonitralid; clothianidin; coal tar hydrocarbons;
22 coumaphos; creosote and creosote oil; creosote oil (derived from any source); cyazofamid; cybutryne;
23 cyclanilide; cycloate; cyfluthrin isomer mixtures (beta-cyfluthrin and cyfluthrin); cyhalofop butyl;
24 cyhalothrin isomer mixtures (cyhalothrin, lambda; cyhalothrin, gamma); cymoxanil; cypermethrin
25 isomer mixtures (cypermethrin and zeta-cypermethrin); cyphenontrhin; cyprodinil; cyromazine;
26 dazomet; DCPA; DDVP; deltamethrin; diazinon; dicamba and salts (dicamba, diethanolamine,
27 diglycolamine, dimethylamine, isopropylamine, potassium, and sodium salts); dichlobenil; dichloran;
28 dichlorprop (2,4-DP) salts and esters (2-(2,4-DP), dimethylamine salt; 2,4-DP, isooctyl ester; 2,4-DP,2-

1 ethylhexyl ester; 2,4-DP-P, dimethylamine salt; 2,4-DP-P, isooctyl ester; and dichlorprop-P); diclofop-
2 methyl; dicofol; dicrotophos; difenacoum; difenoconazole; difethialone; diflubenzuron; dimenthenamid
3 and isomers (dimenthenamid, S-dimethenamid); dimethoate; dimethomorph; dinotefuran; diphacinone
4 and salts (diphacinone and diphacinone sodium salts); dipropyl isocinchomeronate; diquat dibromide;
5 dithiopyr; diuron; emamectin; endosulfan; endothall and salts (endothall; endothall, di (N,N-
6 dimethylalkylamine) salt; and endothall, dipotassium salt); EPTC; esfenvaterate; ethalfluralin;
7 ethofenprox; ethofumesate; ethoprop; etoxazole; famoxadone; fenamidone; fenarimol; fenbuconazole;
8 fenbutin-oxide; fenhexamid; fenitrothion; fenoxypyr-P (+/-); fenoxycarb; fenpropathrin;
9 fenpyroximate; fentin hydroxide; ferbam; fipronil; fluazifop-P-butyl; fluazinam; flubendiamide;
10 fludioxonil; flumetralin; flumiclorac-pentyl; flumioxazin; fluometuron; fluopicolide; fluoxasrobin;
11 fluridone; fluroxypyr 1-methylheptyl ester; flurprimidol; fluthiacet-methyl; flutolanil; fluvalinate; folpet;
12 foramsulfuron; forchlorfenuron; formetanate hydrochloride; fosthiazate; furanone (tanol derivatives:
13 dihydro-5-heptyl-2(3H)-furanone and dihydro-5-pentyl-2(3H)-furanone); halofenozide; hexaflumuron;
14 hexazinone; hexythiazox; hydramethylon; imidacloprid; imiprothrin; indoxacarb; inorganic arsenic
15 compounds (arsenic acid and arsenic pentoxide); inorganic nitrate/nitrite (potassium nitrate and sodium
16 nitrate); iprodione; isoxaben; isoxaflutole; kresoxim-methyl; lactofen; linuron; malathion; mancozeb;
17 mandipropamide; maneb; MCPA salts and esters (MCPA; MCPA, 2-ethyl hexyl ester; MCPA,
18 dimethylamine salt; MCPA, isooctyl ester; and MCPA, sodium salt); MCPB and salts (MCPB and
19 MCPB, sodium salt); MCPP and salts (MCPB; MCPP, dimethylamine salt; MCPP-P, dimethylamine
20 salt; MCPP-P, potassium salt; and Mecoprop-P); mefluidide and salts (mefluidide; mefluidide,
21 diethanolamine salt; and mefluidide, potassium salt); metaflumizone; metal naphthenate salts (copper
22 naphthenate and zinc naphthenate); metalaxyl and isomers (mefenoxam and metalaxyl); metaldehyde;
23 metam salts (metam potassium and metam sodium); methidathion; methiocarb; methomyl; methoprene
24 and isomers (methoprene and S-methoprene); methoxyfenozide; methyl bromide; methyl iodide; methyl
25 isothiocyanate; methyl parathion; metiram; metofluthrin; metolachlor and isomers (metolachlor and
26 metolachlor,S); metribuzin; milbemectin (mixture of $\geq 70\%$ Milbemcin A4, & $\leq 30\%$ Milbemycin A3);
27 myclobutanil; N-octyl bicycloheptene dicarboximide; nabam; naled; napropamide; nicarbazin;
28 nicobifen; nonyl phenol ethoxylates; novaluron; oryzalin; oxadiazon; oxamyl; oxydemeton-methyl;

1 oxyfluorfen; para-dichlorobenzene; paraquat dichloride; PCNB; pendimethalin; pentachlorophenol;
2 permethrin; phenothrin; phorate; phosmet; phosphine; phostebupirim; picloram and salts (picloram;
3 picloram, potassium salt; and picloram, triisopropanolamine salt); pinoxaden; piperalin; piperonyl
4 butoxide; pirimiphos-methyl; prallethrin; prodiamine; profenofos; prometryn; propachlor; propamocarb
5 hydrochloride; propanil; propargite; propiconazole; propoxur; propylene oxide; propyzamide;
6 prothioconazole; pymetrozine; pyraclostrobin; pyraflufen-ethyl; pyrasulfotole; pyrethrins; pyridaben;
7 pyridalyl; pyrimethanil; pyriproxyfen; quinoxifen; quizalofop-ethyl and isomers (quizalofop-ethyl and
8 quizalofop-P-ethyl); reactive phosphide salts (aluminum phosphide and magnesium phosphide);
9 resmethrin; rotenone; S, S, S-tributyl phosphorotrithioate; sabadilla alkaloids; sethoxydim; siduron;
10 simazine; sodium chlorate; sodium cyanide; sodium dimethyl dithio carbamate; sodium fluoride;
11 sodium tetrathiocarbonate; spinetoram (XDE-175-J and XDE-175-L); spinosad; spiroadiclofen;
12 spiromesifen; spirotetramet; strychnine; sulfentrazone; sulfluramid; sulfosulfuron; tebuconazole;
13 tebufenozide; tebufenpyrad; tefluthrin; tembotrione; temephos; terbufos; terbuthylazine; terrazole;
14 tetraconazole; tetramethrin; thiacloprid; thiamethoxam; thidiazuron; thiencarbazone-methyl;
15 thiobencarb; thiodicarb; thiophanate-methyl; thiram; tolylfluanid; tralomethrin; tralopyril; triadimefon;
16 triadimenol; triallate; tributylin containing compounds (tributylin benzoate, tributylin maleate, and
17 tributylin oxide); trichlorfon; triclopyr salts and esters (triclopyr; triclopyr, butoxyethyl ester; and
18 triclopyr, triethylamine salt); triclosan; trifloxystrobin; trifloxysulfuron-sodium; triflumizole; trifluralin;
19 triticonazole; vinclozolin; warfarin and salts (warfarin and warfarin, sodium salt); zinc phosphide;
20 ziram; zoxamide.

21 131. EPA retains ongoing discretionary control and involvement over all of these pesticides,
22 which constitutes “agency actions” subject to consultation under Section 7(a)(2) of the ESA. 16 U.S.C.
23 § 1536(a)(2); 50 C.F.R. § 402.02; 50 C.F.R. § 402.03.

24 132. For example, EPA may change the use classification of any pesticide when necessary to
25 prevent unreasonable adverse effects on the environment. 7 U.S.C. § 136a(d)(2). Also, EPA may
26 determine that additional data is required to maintain an existing pesticide registration. 7 U.S.C. §
27 136a(c)(2)(B)(i). Moreover, FIFRA grants EPA authority to change, cancel, restrict, or immediately
28 suspend registered pesticides, pesticide labeling, or particular uses. 7 U.S.C. § 136d.

1 **IX. EPA’s Failure To Reinitiate Consultation And To Implement Previous Biological Opinions**

2 133. In addition to EPA’s failure to consult regarding the vast majority of pesticides, EPA has
3 likewise failed to reinitiate consultation for species and pesticides addressed in consultations from 1989
4 and 1993. Moreover, for those species covered in the 1989 and 1993 Biological Opinions, EPA is not
5 meeting its Section 7 “no jeopardy” obligations because EPA is not properly implementing the terms
6 and conditions required by the previous Biological Opinions.

7 134. The Section 7 consultation regulations require reinitiation of consultation when
8 discretionary federal involvement or control over the action has been retained and: (a) the amount or
9 extent of the take specified in the incidental take statement is exceeded; (b) new information reveals
10 effects of the action that may affect listed species or critical habitat in a manner or to an extent not
11 previously considered; or (c) the identified action is subsequently modified in a manner that causes an
12 effect to the listed species that was not considered in the biological opinion. 50 C.F.R. § 402.16. All
13 three situations exist in regard to the 1989 and 1993 Biological Opinions.

14 135. First, new information exists regarding the impacts of pesticides on wildlife and plants.
15 In fact, EPA’s own documents provide new information demonstrating the serious potential for
16 significant harm or death to listed species from pesticides. Moreover, pesticides previously consulted
17 on are now being used in new and different manners than that considered at the time of review.

18 136. Second, EPA has failed to ensure the implementation of the reasonable and prudent
19 measures and the reasonable and prudent alternatives associated with the 1989 and 1993 Biological
20 Opinions. Thus, EPA does not know how much take has occurred, and continues to occur, nor whether
21 applicators are adhering to the reasonable and prudent measures and the reasonable and prudent
22 alternatives. EPA must reinitiate consultation given that it has been unable to identify, in any regard,
23 what the past and current amount or extent of take is for species covered by the 1989 or 1993 Biological
24 Opinions.

25 137. Third, because of EPA’s failure to implement the terms and conditions of the 1989 and
26 1993 Biological Opinions, “the identified action [has been] modified in a manner that causes an effect
27 to the listed species that was not considered in the biological opinion.” 50 C.F.R. § 402.16.
28

1 138. Finally, because the terms and conditions of the 1989 and 1993 Biological Opinions are
2 not being enforced, or even monitored, EPA is failing to ensure that its authorizations of pesticide use
3 are not jeopardizing ESA listed species.

4 **CLAIM FOR RELIEF**

5 **Violation Of The Endangered Species Act, 16 U.S.C. § 1536(a)(2)**
6 **(EPA’s Failure To Consult Or Reinitiate Consultation On Pesticide Registrations That**
7 **May Affect Endangered and Threatened Species)**

8 139. All allegations set forth above in this Complaint are incorporated herein by reference.

9 140. All pesticides indentified in the paragraphs above and in Exhibit A are currently
10 registered for use by EPA.

11 141. EPA retains ongoing discretionary control and involvement over all of these pesticides,
12 which constitutes “agency action” subject to consultation under Section 7(a)(2) of the ESA. 16 U.S.C. §
13 1536(a)(2); 50 C.F.R. § 402.02; 50 C.F.R. § 402.03.

14 142. Because ongoing agency actions related to the pesticides indentified in the paragraphs
15 above and in Exhibit A “may affect” listed species and critical habitat, and because the standards for
16 reinitiating consultation exist, EPA is required to initiate or reinitiate consultation with the Service. 50
17 C.F.R. § 402.14(a); 50 C.F.R. § 402.16.

18 143. EPA has not initiated or reinitiated consultation with the Service on all affected
19 endangered and threatened species.

20 144. EPA is violating Section 7(a)(2) of the ESA and its implementing regulations by failing
21 to initiate and reinitiate consultation with the Service and by failing to ensure through consultation that
22 its actions regarding the pesticides identified above do not jeopardize the continued existence of
23 endangered and threatened species or destroy or adversely modify designated critical habitat. 16 U.S.C.
24 §§ 1536(a)(2); 50 C.F.R. Part 402. This constitutes a violation of the ESA within the meaning of 16
25 U.S.C. § 1540(g).

26 **PRAYER FOR RELIEF**

27 WHEREFORE, Plaintiffs respectfully request that the Court enter judgment providing the
28 following relief:

1 1. Declare that EPA is violating Section 7(a)(2) of the ESA by failing to consult with the
2 Service concerning effects of pesticides on the endangered and threatened species and critical habitats
3 identified herein;

4 2. Order EPA to begin or reinstate consultation pursuant to Section 7(a)(2) of the ESA on
5 the effects of pesticides identified herein on the endangered and threatened species and critical habitats
6 identified herein in an expeditious fashion;

7 3. Order appropriate restrictions on the use of the identified pesticides where they may
8 affect endangered and threatened species and critical habitats until the consultation process has been
9 completed and EPA has brought its pesticide registrations into compliance with Section 7(a)(2) of the
10 ESA;

11 4. Award Plaintiffs' costs, including reasonable attorneys' fees and expert witness fees; and

12 5. Grant Plaintiffs such additional and further relief as the Court may deem just and
13 appropriate.

14
15 Respectfully submitted this 19th day of January, 2011,

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19

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28

EXHIBIT A

Exhibit A: Endangered or Threatened Species That May Be Affected By Registered Pesticides

The following chart lists chemical groups that are subject to this case and then lists the species that may be affected by that chemical group. At the end of the chart is a list of chemical groups and the chemicals associated with each such chemical group.

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
1,3-Dichloropropene	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except <i>Ambystoma californiense</i> (Central California DPS) for Bay Area Counties)	
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
10,10'-Oxybisphenoxarsine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except <i>Ambystoma californiense</i> (Central California DPS) for Bay Area Counties)	
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
1080	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
2,4-D, salts and esters	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitla californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>

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	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis nutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>

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	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
2,4-DB and salts	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
3-chloro-p-toluidine hydrochloride	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
3-iodo-2-propynyl butyl carbamate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
3-Trifluoromethyl-4-nitrophenol	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta ravenliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinsnail	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinsnail	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
4-aminopyridine	Birds	Piping plover	<i>Charadrius melodus</i>
Acephate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoideus exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoideus nitratoideus</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartylback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Acequinocyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophyre lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Acetamiprid	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Acetochlor	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
Acibenzolar-S-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Acrolein	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaflex</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkariana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Alachlor	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Aldicarb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Kern primrose sphinx moth	<i>Euproseperinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>

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	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioeus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Allethrin stereoisomers, Bioallethrin	Amphibians	Aroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

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	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis sinus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decium</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus rezes rezes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Alpha-chlorohydrin	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Ametryne	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
Aminopyralid and salts	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Amitraz	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Amitrole	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
Ammonium bromide	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Antimycin A	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
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	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
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	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
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	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
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	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Gratemys oculifera</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Atrazine	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Insects	American burying beetle	<i>Nicrophorus americanus</i>	
Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>	
Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>	
Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>	
Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>	
Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>	
Insects	Karner blue	<i>Plebejus melissa samuelis</i>	
Insects	Kern primrose sphinx moth	<i>Euproseperinus euterpe</i>	
Insects	Lange's metalmark	<i>Apodemia mormo langei</i>	
Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Ambelma neisleri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Avermectin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproseperinus euterpe</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Azinphos-Methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Azoxystrobin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta ravenliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Benfluralin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>	
Mammals	Black-footed ferret	<i>Mustela nigripes</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Bensulide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Bentazon and salts	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Bethoxazin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Bifenazate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Bifenthrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Bis-(N-cyclohexyldiazoniumdioxo)-copper	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Brodifacoum	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Bromacil and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris ripari</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Bromadiolone	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Bromethalin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherodytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia siva</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Bromoxynil, salts and esters	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasnigona decorata</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma perulosa rangiana</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Buprofezin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
Butralin	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>	
Mammals	West Indian manatee	<i>Trichechus manatus</i>	
Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>	
Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>	
Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>	
Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>	
Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>	
Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>	
Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>	
Mollusks	Clubshell	<i>Pleurobema clava</i>	
Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>	
Mollusks	Cumberland bean	<i>Villosa trabalis</i>	
Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>	
Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>	
Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	
Mollusks	Fat threeridge	<i>Amblema neislerii</i>	
Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>	
Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>	
Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>	
Mollusks	James spinymussel	<i>Pleurobema collina</i>	
Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Butylate	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Captan	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastricata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Carbaryl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia morio langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Carbendazim and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoasa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus saviannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis nutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Carbofuran	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>

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	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Carboxin	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Chelerythrine chloride-sanguinarine chloride mixt.	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Chlorantraniliprole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Speleorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
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	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
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	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>

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	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake orate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>

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	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chlorethoxyphos	Birds	Piping plover	<i>Charadrius melodus</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
Chlorfenapyr	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae</i> (sensu lato)
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Chlorflurenol, methyl ester	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chlorophacinone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picooides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chloropicrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi comitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chlorothalonil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chlorpyrifos	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Quachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chlorpyrifos-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>

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	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Cholecalciferol	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Chromium (VI) compounds	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>

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	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolntiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Clodinafop-propargyl	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Clofentezine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Clomazone	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
Clonitralid	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma muchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icaroides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Clothianidin	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>

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	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Coal tar hydrocarbons	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Coumaphos	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus sавannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Jurnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Gratemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Creosote and creosote oil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis sinus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkariana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decium</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Cyzofamid	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
Fish	Goldline darter	<i>Percina aurolineata</i>	
Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
Fish	Humpback chub	<i>Gila cypha</i>	
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Cybutryne	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
Fish	Humpback chub	<i>Gila cypha</i>	
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Cyclanilide	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>	

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	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Cycloate	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Cyfluthrin isomer mixtures	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliottila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoideus nitratoideus</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Cyhalofop butyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Cyhalothrin isomer mixtures	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau's swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Cymoxanil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Cypermethrin isomer mixtures	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Cyphenothrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma muchale</i>
Cyprodinil	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
Cyromazine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
Dazomet	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaegognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
DCPA	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisleri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
DDVP	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema taenileri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Deltamethrin	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroundi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Diazinon	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaeomonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupa</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dicamba and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dichlobenil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkariana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dichloran	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dichlorprop (2,4-DP), salts and esters	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Diclofop-methyl	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i> (Columbia River DPS)
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Dicofol	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlocknee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dicrotophos	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Difenacoum	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaelogathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Difenoconazole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Difethialone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus pouelsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Diflufenuron	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Chipola slabshell	<i>Elliopio chipolaensis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkariana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema pervatum</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliopioideus sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Dimethenamide and isomers	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>	
Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>	
Dimethoate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>	
Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>	
Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>	
Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>	
Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>	
Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>	
Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>	
Amphibians	San Marcos salamander	<i>Eurycea nana</i>	
Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>	
Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>	
Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>	
Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>	
Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>	
Birds	Black-capped vireo	<i>Vireo atricapilla</i>	
Birds	California condor	<i>Gymnogyps californianus</i>	
Birds	California least tern	<i>Sterna antillarum browni</i>	
Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>	
Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>	
Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>	
Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>	
Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>	
Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>	
Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>	
Birds	Piping plover	<i>Charadrius melodus</i>	
Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>	
Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>	
Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>	
Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	
Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>	
Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>	
Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>	
Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>	
Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>	
Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>	
Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>	
Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>	
Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>	
Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>	
Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>	
Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>	
Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>	
Fish	Amber darter	<i>Percina antesella</i>	
Fish	Bayou darter	<i>Etheostoma rubrum</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis nutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolansis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa purpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dimethomorph	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
Dinotefuran	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia morio langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Diphacinone and salts	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys ludovicianus</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Dipropyl isocinchomeronate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Diquat dibromide	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlocknee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Dithiopyr	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholes</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Diuron	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

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	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decium</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Emamectin, benzoate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Endosulfan	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Endothall and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
EPTC	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Esfenvalerate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Hump sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau's swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisleri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Ethalfluralin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>	
Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>	
Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>	
Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>	
Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>	
Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>	
Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>	
Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>	
Mollusks	Clubshell	<i>Pleurobema clava</i>	
Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>	
Mollusks	Cumberland bean	<i>Villosa trabalis</i>	
Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>	
Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>	
Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>	
Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>	
Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	
Mollusks	Fat threeridge	<i>Amblema neislerii</i>	
Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>	
Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>	
Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>	
Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Ethofenprox	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Ethofumesate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Ethoprop	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Etoxazole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Famoxadone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus pecanillus</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlocknee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fenamidone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Fenarimol	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Fenbuconazole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Fenbutatin-oxide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaeomonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fenhexamid	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Fenitrothion	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosca</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa purpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fenoxaprop-P (+/-)	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Fenoxycarb	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
Fenpropathrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Fenpyroximate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Fentin hydroxide	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Ferbam	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaeomonetes cummingsi</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearly mussel	<i>Pegias fabula</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlocknee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fipronil	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
Fluazifop-P-butyl	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
Fluazinam	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Littlewing pearly mussel	<i>Pegias fabula</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii</i> (Northern DPS)
Flubendiamide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolntiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fludioxonil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
Flumetralin	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioeus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
Flumiclorac-pentyl	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
Flumioxazin	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
Fluometuron	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaeomonis alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Fluopicolide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Fluoxastrobin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decium</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Fluridone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherodytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarundi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>

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	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema kosterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchius greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fluroxypyr 1-methylheptyl ester	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Flurprimidol	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Fluthiacet-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>

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	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Flutolanil	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
Fluvalinate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>

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	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>

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	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Folpet	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
Foramsulfuron	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
Forchlorfenuron	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Formetanate hydrochloride	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Fosthiazate	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Furanone (tanol derivs.)	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Halofenozide	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Hexaflumuron	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Hexazinone	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
Hexythiazox	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Hydramethylnon	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>

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	Birds	Light-footed clapper rail	<i>Rallus longirostris lewipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Imidacloprid	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae</i> (sensu lato)
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Imiprothrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scottii</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Indoxacarb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Inorganic arsenic compounds	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Inorganic nitrate/nitrite	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevenso</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis nutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Iprodione	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa pop. 1</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisleri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decusum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchius greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Isosaxaben	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Isoxaflutole	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
Kresoxim-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
Lactofen	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Linuron	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Cumberland bean	<i>Villosa trbalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioeus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Malathion	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaflexis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>

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	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Mancozeb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>

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	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decusum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Mandipropamide	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Maneb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muelenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
MCPA, salts and esters	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
MCPB and salts	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
MCCP (Mecoprop) and salts	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Mefluidide and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple banklimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Metaflumizone	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>	
Mollusks	Clubshell	<i>Pleurobema clava</i>	
Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>	
Mollusks	Cumberland bean	<i>Villosa trabalis</i>	
Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>	
Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>	
Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>	
Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>	
Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	
Mollusks	Fat threeridge	<i>Amblema neislerii</i>	
Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>	
Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>	
Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>	
Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>	
Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>	
Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>	
Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>	
Mollusks	James spinymussel	<i>Pleurobema collina</i>	
Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>	

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Metal naphthenate salts (Cu, Zn)	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Metalaxyl and isomers	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Metaldehyde	Birds	California condor	<i>Gymnogyps californianus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Metam salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
Methodathion	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Methiocarb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Speleorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>

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	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinsnail	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkariana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinsnail	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastricata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Methomyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>

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	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Methoprene and isomers	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
Methoxyfenozide	Amphibians	Arroyo toad	<i>Bufo californicus</i>

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	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae</i> (sensu lato)
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Methyl Bromide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Methyl iodide	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Methyl isothiocyanate	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Methyl parathion	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Insects	American burying beetle	<i>Nicrophorus americanus</i>	
Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>	
Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>	

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproseperinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Quachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Metiram	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Lost River sucker	<i>Delostes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
Metofluthrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae</i> (sensu lato)
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Metolachlor and isomers	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomilti</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Metribuzin	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Milbemectin (A mixture of >=70% Milbemcin A4, & <=30% Milbemycin A3)	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>

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	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Myclobutanil	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
N-octyl bicycloheptene dicarboximide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
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	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>

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	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta ravenliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Ambelma neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>

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	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Nabam	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Naled	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaeomonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Napropamide	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Appalachian elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Nicarbazin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis sinus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Nicobifen	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Nonyl phenol ethoxylates	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus pouelsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Novaluron	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
Oryzalin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaeomonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
Oxadiazon	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scottii</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Oxamyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>

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	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasnigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupa</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Oxydemeton-Methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Oxyfluorfen	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoideis nitratoideis</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Para-dichlorobenzene	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosaa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Paraquat dichloride	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus saviannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineae	<i>Assimineae pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>

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	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
PCNB	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>

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	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>

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	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
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	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
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	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
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	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Pendimethalin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtia californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levis</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Pentachlorophenol and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukekampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Permethrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Ambelma neisleri</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Phenothrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
Fish	Goldline darter	<i>Percina aurolineata</i>	
Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
Fish	Humpback chub	<i>Gila cypha</i>	
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Insects	American burying beetle	<i>Nicrophorus americanus</i>	
Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>	
Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Phorate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>

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	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Fat threeridge	<i>Amblyma neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinsnail	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinsnail	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Phosmet	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastricata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
Phosphine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Ambelma neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Phostebupirim	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
Picloram and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>

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	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-naere mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Pinoxaden	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>

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	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlocknee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Piperalin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Piperonyl butoxide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Pirimiphos-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum brownii</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Speleorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerebe behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerebe myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>

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	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Prallethrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
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Fish	Humpback chub	<i>Gila cypha</i>	
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	

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	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Prodiamine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis sinus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Profenofos	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decusum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobranchus georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastricata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Prometryn	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Propachlor	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
Propamocarb hydrochloride	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Propanil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosca</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Propargite	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum brownii</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmodonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Propiconazole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Propoxur	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia morio langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>

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	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Propylene oxide	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>

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	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptoides sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Propyzamide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Prothioconazole	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Pymetrozine	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Pyraclostrobin	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Pyraflufen-ethyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Pyrusulfotole	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis sinus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
Pyrethrins	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>	
Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>	
Pyridaben	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtilae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Pyridalyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Pyrimethanil	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Pyriproxyfen	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
Quinoxifen	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Quinalofop-ethyl and isomers	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
Reactive phosphide salts (Al, Mg)	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Resmethrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Ambelma neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>

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	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-naere mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Rotenone	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
S,S,S-tributyl phosphorotrithioate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>

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	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan ruffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Sabadilla alkaloids	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
Sethoxydim	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtia californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Siduron	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasimidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
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	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Simazine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i> (Columbia River DPS)
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitroides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decusum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Sodium chlorate	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum brownii</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus</i> (western DPS)
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Sodium cyanide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevensi</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Sodium dimethyl dithio carbamate	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i> (Columbia River DPS)
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Sodium fluoride	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Sodium Tetrathiocarbonate	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
Spinetoram and spinosad	Amphibians	Aroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Spirodiclofen	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus pouelsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliporto chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>

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	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Spiromesifen	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Delostes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
Spirotetramat	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaelogathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-naere mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Strychnine	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Sulfentrazone	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
Sulfluramid	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichtii</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muelenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Sulfosulfuron	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Tebuconazole	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
Tebufenozide	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus sutkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Tebufenpyrad	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Tefluthrin	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical				
Chemical Group Name	Taxa	Species Common Name	Species Latin Name	
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>	
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>	
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>	
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>	
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>	
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>	
	Fish	Bonytail chub	<i>Gila elegans</i>	
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>	
	Fish	Devils River minnow	<i>Dionda diaboli</i>	
	Fish	Fountain darter	<i>Etheostoma fonticola</i>	
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
	Fish	Humpback chub	<i>Gila cypha</i>	
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
	Fish	Topeka shiner	<i>Notropis topeka</i>	
Tembotrione	Amphibians	Arroyo toad	<i>Bufo californicus</i>	
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>	
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>	
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>	
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>	
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>	
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>	
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>	
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>	
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>	
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>	
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>	
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>	
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>	
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>	
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>	
		Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
		Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
		Birds	Black-capped vireo	<i>Vireo atricapilla</i>
		Birds	California condor	<i>Gymnogyps californianus</i>
		Birds	California least tern	<i>Sterna antillarum browni</i>
		Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
		Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
		Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
		Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
		Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
		Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
		Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
		Birds	Piping plover	<i>Charadrius melodus</i>
		Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
		Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
		Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
		Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
		Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
		Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
		Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
		Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
		Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
		Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
		Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
		Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
		Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
		Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
		Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
		Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
		Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
		Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>	
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>	
	Fish	Bayou darter	<i>Etheostoma rubrum</i>	
	Fish	Blue shiner	<i>Cyprinella caerulea</i>	
	Fish	Bonytail chub	<i>Gila elegans</i>	
	Fish	Boulder darter	<i>Etheostoma wapiti</i>	
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>	
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>	
	Fish	Cherokee darter	<i>Etheostoma scottii</i>	
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>	
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>	
	Fish	Devils River minnow	<i>Dionda diaboli</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensis</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkerii</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Temephos	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Terbufos	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Terbuthylazine	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus pouelsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta ravenliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Terrazole	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical

Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta ravenliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neisterii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muelenbergii (Northern DPS)</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
Tetraconazole	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitla californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muelenbergii (Northern DPS)</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Tetramethrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensi</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>

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	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Thiacloprid	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearl mussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatium</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Thiamethoxam	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>

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	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Thidiazuron	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
Thiocarbazono-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>

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	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>
	Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>
	Insects	Karner blue	<i>Plebejus melissa samuelis</i>
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniiana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schau swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>

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	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Thiobencarb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupa</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Thiodicarb	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Thiophanate-methyl	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spiny mussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptoideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Thiram	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearl mussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearl mussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearl mussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Prychobranthus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Tolyfluanid	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaenognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Tralomehrin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Insects	American burying beetle	<i>Nicrophorus americanus</i>
	Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>
	Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>
	Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
Tralopyril	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus pouelsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Triadimefon	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yagouaroni cacomitli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muelenbergii</i> (Northern DPS)
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Triadimenol	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevoza</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Triallate	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
Tributyltin-containing compounds	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranthus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastrata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Trichlorfon	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
Triclopyr, salts and esters	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus lubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i> (Columbia River DPS)
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca</i> (Southern resident population)
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconaia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assimineia	<i>Assimineia pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>

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	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Triclosan	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>

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	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Trifloxystrobin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Trifloxysulfuron-sodium	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevens</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
Triflumizole	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata</i> or <i>Hamiota subangulata</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
Trifluralin	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosa</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamiae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Triticonazole	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Alabama cave shrimp	<i>Palaemonias alabamae</i>
	Crustaceans	Cave crayfish	<i>Cambarus aculabrum</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Illinois Cave amphipod	<i>Gammarus acherondytes</i>
	Crustaceans	Kauai Cave Amphipod	<i>Spelaeorchestia koloana</i>
	Crustaceans	Nashville crayfish	<i>Orconectes shoupi</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
Fish	Amber darter	<i>Percina antesella</i>	
Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>	
Fish	Bayou darter	<i>Etheostoma rubrum</i>	
Fish	Blue shiner	<i>Cyprinella caerulea</i>	
Fish	Bonytail chub	<i>Gila elegans</i>	
Fish	Boulder darter	<i>Etheostoma wapiti</i>	
Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>	
Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>	
Fish	Cherokee darter	<i>Etheostoma scotti</i>	
Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>	
Fish	Desert pupfish	<i>Cyprinodon macularius+Cyprinodon eremus</i>	
Fish	Devils River minnow	<i>Dionda diaboli</i>	
Fish	Etowah darter	<i>Etheostoma etowahae</i>	
Fish	Fountain darter	<i>Etheostoma fonticola</i>	
Fish	Goldline darter	<i>Percina aurolineata</i>	
Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	
Fish	Humpback chub	<i>Gila cypha</i>	
Fish	Leopard darter	<i>Percina pantherina</i>	
Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>	
Fish	Lost River sucker	<i>Deltistes luxatus</i>	
Fish	Niangua darter	<i>Etheostoma nianguae</i>	
Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>	
Fish	Oregon chub	<i>Oregonichthys crameri</i>	
Fish	Ozark cavefish	<i>Amblyopsis rosae</i>	
Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>	
Fish	Pygmy madtom	<i>Noturus stanauli</i>	
Fish	Razorback sucker	<i>Xyrauchen texanus</i>	
Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>	
Fish	Santa Ana sucker	<i>Catostomus santaanae</i>	
Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>	
Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>	
Fish	Snail darter	<i>Percina tanasi</i>	
Fish	Topeka shiner	<i>Notropis topeka</i>	
Fish	Vermilion darter	<i>Etheostoma chermocki</i>	
Fish	Waccamaw silverside	<i>Menidia extensa</i>	
Fish	Watercress darter	<i>Etheostoma nuchale</i>	
Insects	American burying beetle	<i>Nicrophorus americanus</i>	
Insects	Behren's fritillary (Behren's silverspot)	<i>Speyeria zerene behrensii</i>	
Insects	Callippe silverspot	<i>Speyeria callippe callippe</i>	
Insects	Delhi Sands flower-loving fly	<i>Rhaphiomidas terminatus abdominalis</i>	
Insects	Fender's blue	<i>Icaricia icarioides fenderi</i>	
Insects	Hine's emerald dragonfly	<i>Somatochlora hineana</i>	
Insects	Karner blue	<i>Plebejus melissa samuelis</i>	

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Insects	Kauai Cave Wolf Spider	<i>Adelocosa anops</i>
	Insects	Kern primrose sphinx moth	<i>Euproserpinus euterpe</i>
	Insects	Lange's metalmark	<i>Apodemia mormo langei</i>
	Insects	Mitchell's satyr butterfly	<i>Neonympha mitchellii mitchellii</i>
	Insects	Myrtle's silverspot	<i>Speyeria zerene myrtleae (sensu lato)</i>
	Insects	Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
	Insects	Ohlone tiger beetle	<i>Cicindela ohlone</i>
	Insects	Quino checkerspot butterfly	<i>Euphydryas editha quino</i>
	Insects	Robber Baron Cave meshweaver	<i>Cicurina baronia</i>
	Insects	Salt Creek tiger beetle	<i>Cicindela nevadica lincolniana</i>
	Insects	San Bruno elfin	<i>Callophrys mossii bayensis</i>
	Insects	Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>
	Insects	Spruce-fir moss spider	<i>Microhexura montivaga</i>
	Insects	Zayante band-winged grasshopper	<i>Trimerotropis infantilis</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama lampmussel	<i>Lampsilis virescens</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Arkansas fatmucket	<i>Lampsilis powellii</i>
	Mollusks	Armored marstonia = Armored snail	<i>Marstonia pachyta</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Cylindrical lioplax	<i>Lioplax cyclostomaformis</i>
	Mollusks	Dark pigtoe	<i>Pleurobema furvum</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis atilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Flat pebblesnail	<i>Lepyrium showalteri</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	Heavy pigtoe = Judge Tait's mussel	<i>Pleurobema taitianum</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Iowa Pleistocene snail	<i>Discus macclintocki</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Koster's tryonia snail (Koster's springsnail)	<i>Juturnia kosteri</i>
	Mollusks	Lacy elimia	<i>Elimia crenatella</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Louisiana pearlshell	<i>Margaritifera hembeli</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Orange-nacre mucket	<i>Lampsilis perovalis</i>
	Mollusks	Ouachita rock pocketbook	<i>Arkansia wheeleri</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Ovate clubshell	<i>Pleurobema perovatum</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Painted rocksnail	<i>Leptoxis taeniata</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Plicate rocksnail	<i>Leptoxis plicata</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Roswell springsnail	<i>Pyrgulopsis roswellensis</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Round Rocksnail	<i>Leptoxis ampla</i>
	Mollusks	Scaleshell mussel	<i>Leptodea leptodon</i>
	Mollusks	Shiny pigtoe	<i>Fusconaia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Slender campeloma	<i>Campeloma decampi</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern combshell = Penitent mussel	<i>Epioblasma penita</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Speckled pocketbook	<i>Lampsilis streckeri</i>
	Mollusks	Stirrup shell	<i>Quadrula stapes</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Tulotoma	<i>Tulotoma magnifica</i>
	Mollusks	Upland combshell	<i>Epioblasma metastriata</i>
	Mollusks	White wartyback	<i>Plethobasus cicatricosus</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Vinclozolin	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliopitila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Warfarin and salts	Amphibians	Arroyo toad	<i>Bufo californicus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense</i> (Central California DPS)
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense</i> (Santa Barbara DPS)
	Amphibians	Chiricahua leopard frog	<i>Rana chiricahuensis</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Guajon	<i>Eleutherodactylus cooki</i>
	Amphibians	Mississippi gopher frog (DPS)	<i>Rana sevosia</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Puerto Rican crested toad	<i>Peltophryne lemur</i>
	Amphibians	Red Hills Salamander	<i>Phaeognathus hubrichti</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Amphibians	Wyoming toad	<i>Bufo baxteri</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii</i> (Florida DPS)
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Polioptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus saviannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii eximius</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus</i> (Pacific DPS)
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana</i> (U.S. breeding DPS)
	Fish	Alabama cavefish	<i>Speoplatyrhinus poulsoni</i>
	Fish	Alabama sturgeon	<i>Scaphirhynchus suttkusi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Atlantic salmon (Gulf of Maine DPS)	<i>Salmo salar</i>
	Fish	Bayou darter	<i>Etheostoma rubrum</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Boulder darter	<i>Etheostoma wapiti</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus</i> (U.S. DPS)
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Prychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius</i> + <i>Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Humpback chub	<i>Gila cypha</i>
	Fish	Leopard darter	<i>Percina pantherina</i>
	Fish	Little Colorado spinedace	<i>Lepidomeda vittata</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	Niangua darter	<i>Etheostoma nianguae</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris</i> (southern DPS)
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Ozark cavefish	<i>Amblyopsis rosae</i>
	Fish	Pecos bluntnose shiner	<i>Notropis simus pecosensis</i>
	Fish	Pygmy madtom	<i>Noturus stanauli</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Rio Grande silvery minnow	<i>Hybognathus amarus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata</i> (U.S. DPS)
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Fish	Vermilion darter	<i>Etheostoma chermocki</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Fish	Watercress darter	<i>Etheostoma nuchale</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys mühlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Zinc Phosphide	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliophtila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Mississippi sandhill crane	<i>Grus canadensis pulla</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Black-footed ferret	<i>Mustela nigripes</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>

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Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Ozark big-eared bat	<i>Corynorhinus townsendii ingens</i>
	Mammals	Preble's meadow jumping mouse	<i>Zapus hudsonius preblei</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	Utah prairie dog	<i>Cynomys parvidens</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Reptiles	Alabama redbelly turtle	<i>Pseudemys alabamensis</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Gopher Tortoise (western DPS)	<i>Gopherus polyphemus (western DPS)</i>
	Reptiles	Northern red-bellied cooter (Plymouth red-bellied cooter)	<i>Pseudemys rubriventris</i>
	Reptiles	Ringed map turtle	<i>Graptemys oculifera</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Ziram	Amphibians	Arroyo toad	<i>Bufo californicus</i>
	Amphibians	California tiger salamander (Central California DPS, except for Bay Area Counties)	<i>Ambystoma californiense (Central California DPS)</i>
	Amphibians	California tiger salamander (Santa Barbara County DPS)	<i>Ambystoma californiense (Santa Barbara DPS)</i>
	Amphibians	Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>
	Amphibians	Mountain yellow-legged frog (Southern California DPS)	<i>Rana muscosa</i>
	Amphibians	Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>
	Amphibians	San Marcos salamander	<i>Eurycea nana</i>
	Amphibians	Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>
	Amphibians	Shenandoah Salamander	<i>Plethodon shenandoah</i>
	Amphibians	Texas Blind Salamander	<i>Eurycea rathbuni</i>
	Birds	Attwater's greater prairie chicken	<i>Tympanuchus cupido attwateri</i>
	Birds	Audubon's crested caracara (Florida DPS)	<i>Caracara cheriway audubonii (Florida DPS)</i>
	Birds	Black-capped vireo	<i>Vireo atricapilla</i>
	Birds	California condor	<i>Gymnogyps californianus</i>
	Birds	California least tern	<i>Sterna antillarum browni</i>
	Birds	Coastal California gnatcatcher	<i>Poliptila californica californica</i>
	Birds	Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>
	Birds	Florida scrub jay	<i>Aphelocoma coerulescens</i>
	Birds	Light-footed clapper rail	<i>Rallus longirostris levipes</i>
	Birds	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>
	Birds	Northern spotted owl	<i>Strix occidentalis caurina</i>
	Birds	Piping plover	<i>Charadrius melodus</i>
	Birds	Red-cockaded woodpecker	<i>Picoides borealis</i>
	Birds	Roseate tern (Northeast and Caribbean DPSs)	<i>Sterna dougallii dougallii</i>
	Birds	San Clemente loggerhead shrike	<i>Lanius ludovicianus mearnsi</i>
	Birds	Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>
	Birds	Western snowy plover (Pacific DPS)	<i>Charadrius alexandrinus nivosus (Pacific DPS)</i>
	Birds	Wood stork (U.S. breeding DPS)	<i>Mycteria americana (U.S. breeding DPS)</i>
	Crustaceans	Conservancy fairy shrimp	<i>Branchinecta conservatio</i>
	Crustaceans	Peck's Cave amphipod	<i>Stygobromus pecki</i>
	Crustaceans	San Diego fairy shrimp	<i>Branchinecta sandiegonensis</i>
	Crustaceans	Shasta crayfish	<i>Pacifastacus fortis</i>
	Crustaceans	Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>
	Fish	Amber darter	<i>Percina antesella</i>
	Fish	Blue shiner	<i>Cyprinella caerulea</i>
	Fish	Bonytail chub	<i>Gila elegans</i>
	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	Cape Fear shiner	<i>Notropis mekistocholas</i>
	Fish	Cherokee darter	<i>Etheostoma scotti</i>
	Fish	Colorado pikeminnow	<i>Ptychocheilus lucius</i>
	Fish	Desert pupfish	<i>Cyprinodon macularius + Cyprinodon eremus</i>
	Fish	Devils River minnow	<i>Dionda diaboli</i>
	Fish	Etowah darter	<i>Etheostoma etowahae</i>
	Fish	Fountain darter	<i>Etheostoma fonticola</i>
	Fish	Goldline darter	<i>Percina aurolineata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Fish	Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
	Fish	Lost River sucker	<i>Deltistes luxatus</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Oregon chub	<i>Oregonichthys crameri</i>
	Fish	Razorback sucker	<i>Xyrauchen texanus</i>
	Fish	Santa Ana sucker	<i>Catostomus santaanae</i>
	Fish	Shortnose sturgeon	<i>Acipenser brevirostrum</i>
	Fish	Smalltooth sawfish (U.S. DPS)	<i>Pristis pectinata (U.S. DPS)</i>
	Fish	Snail darter	<i>Percina tanasi</i>
	Fish	Waccamaw silverside	<i>Menidia extensa</i>
	Mammals	Amargosa vole	<i>Microtus californicus scirpensis</i>
	Mammals	Buena Vista Lake ornate Shrew	<i>Sorex ornatus relictus</i>
	Mammals	Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
	Mammals	Columbian white-tailed deer (Columbia River DPS)	<i>Odocoileus virginianus leucurus (Columbia River DPS)</i>
	Mammals	Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>
	Mammals	Florida panther	<i>Puma concolor coryi</i>
	Mammals	Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>
	Mammals	Fresno kangaroo rat	<i>Dipodomys nitratoides exilis</i>
	Mammals	Giant kangaroo rat	<i>Dipodomys ingens</i>
	Mammals	Gray bat	<i>Myotis grisescens</i>
	Mammals	Gray wolf	<i>Canis lupus</i>
	Mammals	Gulf Coast jaguarundi	<i>Herpailurus yaguarondi cacomitli</i>
	Mammals	Indiana bat	<i>Myotis sodalis</i>
	Mammals	Key Largo cotton mouse	<i>Peromyscus gossypinus</i>
	Mammals	Key Largo woodrat	<i>Neotoma floridana smalli</i>
	Mammals	Killer whale (southern resident DPS)	<i>Orcinus orca (Southern resident population)</i>
	Mammals	Louisiana black bear	<i>Ursus americanus luteolus</i>
	Mammals	Lower keys rabbit	<i>Sylvilagus palustris hefneri</i>
	Mammals	Morro Bay kangaroo rat	<i>Dipodomys heermanni morroensis</i>
	Mammals	Ocelot	<i>Leopardus pardalis</i>
	Mammals	Riparian brush rabbit	<i>Sylvilagus bachmani riparius</i>
	Mammals	Riparian woodrat	<i>Neotoma fuscipes riparia</i>
	Mammals	San Joaquin kit fox	<i>Vulpes macrotis mutica</i>
	Mammals	Stephen's kangaroo rat	<i>Dipodomys stephensi</i>
	Mammals	Tipton kangaroo rat	<i>Dipodomys nitratoides nitratoides</i>
	Mammals	West Indian manatee	<i>Trichechus manatus</i>
	Mollusks	Alabama moccasinshell	<i>Medionidus acutissimus</i>
	Mollusks	Appalachian Elktoe	<i>Alasmidonta raveneliana</i>
	Mollusks	Appalachian monkeyface	<i>Quadrula sparsa</i>
	Mollusks	Birdwing pearlymussel	<i>Lemiox rimosus</i>
	Mollusks	Carolina heelsplitter	<i>Lasmigona decorata</i>
	Mollusks	Chipola slabshell	<i>Elliptio chipolaensis</i>
	Mollusks	Clubshell	<i>Pleurobema clava</i>
	Mollusks	Coosa moccasinshell	<i>Medionidus parvulus</i>
	Mollusks	Cumberland bean	<i>Villosa trabalis</i>
	Mollusks	Cumberlandian combshell	<i>Epioblasma brevidens</i>
	Mollusks	Dromedary pearlymussel	<i>Dromus dromas</i>
	Mollusks	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
	Mollusks	Fat threeridge	<i>Amblema neislerii</i>
	Mollusks	Finelined pocketbook	<i>Lampsilis altilis</i>
	Mollusks	Finerayed pigtoe	<i>Fusconia cuneolus</i>
	Mollusks	Gulf moccasinshell	<i>Medionidus penicillatus</i>
	Mollusks	James spinymussel	<i>Pleurobema collina</i>
	Mollusks	Littlewing pearlymussel	<i>Pegias fabula</i>
	Mollusks	Morro shoulderband snail	<i>Helminthoglypta walkeriana</i>
	Mollusks	Northern riffleshell	<i>Epioblasma torulosa rangiana</i>
	Mollusks	Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>
	Mollusks	Oval pigtoe	<i>Pleurobema pyriforme</i>
	Mollusks	Oyster mussel	<i>Epioblasma capsaeformis</i>
	Mollusks	Pecos Assiminea	<i>Assiminea pecos</i>
	Mollusks	Pink mucket	<i>Lampsilis abrupta</i>
	Mollusks	Purple bankclimber	<i>Elliptioideus sloatianus</i>
	Mollusks	Purple bean	<i>Villosa perpurpurea</i>
	Mollusks	Rough pigtoe	<i>Pleurobema plenum</i>
	Mollusks	Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
	Mollusks	Shiny pigtoe	<i>Fusconia cor</i>
	Mollusks	Shinyrayed pocketbook	<i>Lampsilis subangulata or Hamiota subangulata</i>
	Mollusks	Southern acornshell	<i>Epioblasma othcaloogensis</i>
	Mollusks	Southern clubshell	<i>Pleurobema decisum</i>
	Mollusks	Southern pigtoe	<i>Pleurobema georgianum</i>
	Mollusks	Stock Island tree snail	<i>Orthalicus reses reses</i>
	Mollusks	Tan riffleshell	<i>Epioblasma florentina walkeri</i>
	Mollusks	Triangular kidneyshell	<i>Ptychobranchus greenii</i>
	Mollusks	Upland combshell	<i>Epioblasma metastricata</i>
	Reptiles	Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>

Endangered or Threatened Species That May Be Affected by Each Chemical			
Chemical Group Name	Taxa	Species Common Name	Species Latin Name
	Reptiles	Bluetail mole skink	<i>Eumeces egregius lividus</i>
	Reptiles	Blunt-nosed leopard lizard	<i>Gambelia sila</i>
	Reptiles	Bog turtle (Northern DPS)	<i>Glyptemys muhlenbergii (Northern DPS)</i>
	Reptiles	Coachella Valley fringe-toed lizard	<i>Uma inornata</i>
	Reptiles	Desert tortoise (Mojave DPS)	<i>Gopherus agassizii</i>
	Reptiles	Eastern indigo snake	<i>Drymarchon couperi</i>
	Reptiles	Giant garter snake	<i>Thamnophis gigas</i>
	Reptiles	Sand skink	<i>Neoseps reynoldsi</i>
Zoxamide	Fish	Bull trout (U.S. DPS)	<i>Salvelinus confluentus (U.S. DPS)</i>
	Fish	North American green sturgeon (southern DPS)	<i>Acipenser medirostris (southern DPS)</i>
	Fish	Topeka shiner	<i>Notropis topeka</i>
	Mollusks	Bliss Rapids snail	<i>Taylorconcha serpenticola</i>
	Mollusks	Higgins eye pearlymussel	<i>Lampsilis higginsii</i>
	Mollusks	Snake River physa	<i>Physa natricina</i>
	Mollusks	Winged mapleleaf	<i>Quadrula fragosa</i>

Chemical Group Membership

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
1,3-Dichloropropene	1,3-Dichloropropene	0328	029001
10,10'-Oxybisphenoxyarsine	10,10'-Oxybisphenoxyarsine	0044	012601
1080	1080	3073	075003
2,4-D, salts and esters	2,4-D	0073	030001
2,4-D, salts and esters	2,4-D, 2-ethylhexyl ester	0073	030063
2,4-D, salts and esters	2,4-D, butoxyethanol ester	0073	030053
2,4-D, salts and esters	2,4-D, diethanolamine salt	0073	030016
2,4-D, salts and esters	2,4-D, diethylamine salt	0073	030017
2,4-D, salts and esters	2,4-D, dimethylamine Salt	0073	030019
2,4-D, salts and esters	2,4-D, isooctyl ester	0073	030064
2,4-D, salts and esters	2,4-D, isopropyl ester	0073	030066
2,4-D, salts and esters	2,4-D, isopropylamine salt	0073	030025
2,4-D, salts and esters	2,4-D, sodium salt	0073	030004
2,4-D, salts and esters	2,4-D, triisopropanolamine salt	0073	030035
2,4-D, salts and esters	2,4-D, methyamine salt	0073	030027
2,4-DB and salts	2,4-DB acid	0196	030801
2,4-DB and salts	2,4-DB, dimethylamine salt	0196	030819
3-chloro-p-toluidine hydrochloride	3-chloro-p-toluidine hydrochloride	2610	009901
3-iodo-2-propynyl butyl carbamate	3-iodo-2-propynyl butyl carbamate	2725	107801
3-Trifluoromethyl-4-nitrophenol	3-Trifluoromethyl-4-nitrophenol	3082	036201
4-aminopyridine	4-aminopyridine	0015	069201
Acephate	Acephate	0042	103301
Acequinocyl	Acequinocyl	7621	006329
Acetamiprid	Acetamiprid	7617	099050
Acetochlor	Acetochlor	7230	121601
Acibenzolar-S-methyl	Acibenzolar-S-methyl	7031	061402
Acrolein	Acrolein	2005	000701
Alachlor	Alachlor	0063	090501
Aldicarb	Aldicarb	0140	098301
Allethrin stereoisomers, Bioallethrin	D-Allethrin	0437	004005
Allethrin stereoisomers, Bioallethrin	D-trans Allethrin	0437	004003
Allethrin stereoisomers, Bioallethrin	S-Bioallethrin	0437	004004, 004007
Alpha-chlorohydrin	Alpha-chlorohydrin	7629	117101
Ametryne	Ametryne	2010	080801
Aminopyralid and salts	Aminopyralid	7267	005100
Aminopyralid and salts	Aminopyralid potassium salt	7267	005219
Aminopyralid and salts	Aminopyralid, triisopropanolamine salt	7267	005209
Amitraz	Amitraz	0234	106201
Amitrole	Amitrole	0095	004401
Ammonium bromide	Ammonium bromide	5002	000352
Antimycin A	Antimycin A	4121	006314
Atrazine	Atrazine	0062	080803

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
Avermectin	Avermectin	7430	122804
Azinphos-Methyl	Azinphos-Methyl	0235	058001
Azoxystrobin	Azoxystrobin	7020	128810
Benfluralin	Benfluralin	2030	084301
Bensulide	Bensulide	2035	009801
Bentazon and salts	Bentazon	0182	275200
Bentazon and salts	Bentazon, sodium salt	0182	103901
Bethoxazin	Bethoxazin	5110	090421
Bifenazate	Bifenazate	7609	000586
Bifenthrin	Bifenthrin	7402	128825
Bis-(N-cyclohexyldiazoniumdioxy)-copper	Bis-(N-cyclohexyldiazoniumdioxy)-copper	5106	235500
Brodifacoum	Brodifacoum	2755	112701
Bromacil and salts	Bromacil	0041	012301
Bromacil and salts	Bromacil, lithium salt	0041	012302
Bromadiolone	Bromadiolone	2760	112001
Bromethalin	Bromethalin	2765	112802
Bromoxynil, salts and esters	Bromoxynil butyrate	2070	035303
Bromoxynil, salts and esters	Bromoxynil heptanoate	2070	128920
Bromoxynil, salts and esters	Bromoxynil octanoate	2070	035302
Bromoxynil, salts and esters	Bromoxynil phenol	2070	035301
Buprofezin	Buprofezin	7427	275100
Butralin	Butralin	2075	106501
Butylate	Butylate	0071	041405
Captan	Captan	0120	081301
Carbaryl	Carbaryl	0080	056801
Carbendazim and salts	Carbendazim	2680	128872
Carbendazim and salts	Carbendazim phosphate	2680	099102
Carbofuran	Carbofuran	0101	090601
Carboxin	Carboxin	0012	090201
Chelerythrine chloride-sanguinarine chloride mixt.	Chelerythrine chloride-sanguinarine chloride mixt.	7024	069095
Chlorantraniliprole	Chlorantraniliprole	NA	090100
Chlorethoxyphos	Chlorethoxyphos	7410	129006
Chlorfenapyr	Chlorfenapyr	7419	129093
Chlorflurenol, methyl ester	Chlorflurenol, methyl ester	2095	098801
Chlorophacinone	Chlorophacinone	2100	067707
Chloropicrin	Chloropicrin	0040	081501
Chlorothalonil	Chlorothalonil	0097	081901
Chlorpyrifos	Chlorpyrifos	0100	059101
Chlorpyrifos-methyl	Chlorpyrifos-methyl	0100	059102
Cholecalciferol	Cholecalciferol	7600	202901
Chromium (VI) compounds	Chromic acid	0132	021101
Chromium (VI) compounds	Sodium bichromate dihydrate	5012	068306
Clodinafop-propargyl	Clodinafop-propargyl	7250	125203
Clofentezine	Clofentezine	7602	125501
Clomazone	Clomazone	7203	125401

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
Clonitralid	Clonitralid	2455	077401
Clothianidin	Clothianidin	7620	044309
Coal tar hydrocarbons	Coal tar hydrocarbons	0139	022003
Coumaphos	Coumaphos	0018	036501
Creosote and creosote oil	Creosote and creosote oil	0139	025004
Creosote and creosote oil	Creosote oil (note: derived from any source)	0139	025003
Cyazofamid	Cyazofamid	NA	085651
Cybutryne	Cybutryne	5031	128996
Cyclanilide	Cyclanilide	7018	026201
Cycloate	Cycloate	2125	041301
Cyfluthrin isomer mixtures	Beta-Cyfluthrin	7405	118831
Cyfluthrin isomer mixtures	Cyfluthrin	7405	128831
Cyhalofop butyl	Cyhalofop butyl	7255	082583
Cyhalothrin isomer mixtures	Cyhalothrin, gamma	7437	128807
Cyhalothrin isomer mixtures	Cyhalothrin, lambda	7408	128897
Cymoxanil	Cymoxanil	7023	129106
Cypermethrin isomer mixtures	Cypermethrin isomer mixtures	2130	109702
Cypermethrin isomer mixtures	Z-Cypermethrin	2130	129064
Cyphenothrin	Cyphenothrin	7412	129013
Cyprodinil	Cyprodinil	7025	288202
Cyromazine	Cyromazine	7439	121301
Dazomet	Dazomet	2135	035602
DCPA	DCPA	0270	078701
DDVP	DDVP	0310	084001
Deltamethrin	Deltamethrin	7414	097805
Diazinon	Diazinon	0238	057801
Dicamba and salts	Dicamba	0065	029801
Dicamba and salts	Dicamba, diethanolamine salt	0065	029803
Dicamba and salts	Dicamba, diglycolamine salt	0065	128931
Dicamba and salts	Dicamba, dimethylamine salt	0065	029802
Dicamba and salts	Dicamba, isopropylamine salt	0065	128944
Dicamba and salts	Dicamba, potassium salt	0065	129043
Dicamba and salts	Dicamba, sodium salt	0065	029806
Dichlobenil	Dichlobenil	0263	027401
Dichloran	Dichloran	0113	031301
Dichlorprop (2,4-DP), salts and esters	2-(2,4-DP), dimethylamine salt	0294	031419
Dichlorprop (2,4-DP), salts and esters	2,4-DP-P, dimethylamine salt	0294	031403
Dichlorprop (2,4-DP), salts and esters	2,4-DP-P, isooctyl ester	0294	031465
Dichlorprop (2,4-DP), salts and esters	2,4-DP, isooctyl ester	0294	031463
Dichlorprop (2,4-DP), salts and esters	2,4-DP,2-ethylhexyl ester	0294	031464
Dichlorprop (2,4-DP), salts and esters	Dichlorprop-P	0294	031402
Diclofop-methyl	Diclofop-methyl	2160	110902
Dicofol	Dicofol	0021	010501
Dicrotophos	Dicrotophos	0145	035201
Difenacoum	Difenacoum	7630	119901
Difenoconazole	Difenoconazole	7014	128847

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
Difethialone	Difethialone	7603	128967
Diflubenzuron	Diflubenzuron	0144	108201
Dimethenamide and isomers	Dimethenamid	7223	129051
Dimethenamide and isomers	S-Dimethenamid	7223	120051
Dimethoate	Dimethoate	0088	035001
Dimethomorph	Dimethomorph	7021	268800
Dinotefuran	Dinotefuran	7441	044312
Diphacinone and salts	Diphacinone	2205	067701
Diphacinone and salts	Diphacinone, sodium salt	2205	067705
Dipropyl isocinchomeronate	Dipropyl isocinchomeronate	2215	047201
Diquat dibromide	Diquat dibromide	0288	032201
Dithiopyr	Dithiopyr	7225	128994
Diuron	Diuron	0046	035505
Emamectin, benzoate	Emamectin, benzoate	7607	122806
Endosulfan	Endosulfan	0014	079401
Endothall and salts	Endothall	2245	038901
Endothall and salts	Endothall, di (N,N-dimethylalkylamine) salt	2245	038905
Endothall and salts	Endothall, dipotassium salt	2245	038904
EPTC	EPTC	0064	041401
Esfenvalerate	Esfenvalerate	7406	109303
Ethalfuralin	Ethalfuralin	2260	113101
Ethofenprox	Ethofenprox	7407	128965
Ethofumesate	Ethofumesate	2265	110601
Ethoprop	Ethoprop	0106	041101
Etoxazole	Etoxazole	7616	107091
Famoxadone	Famoxadone	7038	113202
Fenamidone	Fenamidone	7033	046679
Fenarimol	Fenarimol	7001	206600
Fenbuconazole	Fenbuconazole	7012	129011
Fenbutatin-oxide	Fenbutatin-oxide	0245	104601
Fenhexamid	Fenhexamid	7027	090209
Fenitrothion	Fenitrothion	0445	105901
Fenoxaprop-P (+/-)	Fenoxaprop-P (+/-)	7209	129092
Fenoxycarb	Fenoxycarb	7401	125301
Fenpropathrin	Fenpropathrin	7601	127901
Fenpyroximate	Fenpyroximate	7432	129131
Fentin hydroxide	Fentin hydroxide	0099	083601
Ferbam	Ferbam	2180	034801
Fipronil	Fipronil	7423	129121
Fluazifop-P-butyl	Fluazifop-P-butyl	2285	122809
Fluazinam	Fluazinam	7013	129098
Flubendiamide	Flubendiamide	NA	027602
Fludioxonil	Fludioxonil	7017	071503
Flumetralin	Flumetralin	4119	123001
Flumiclorac-pentyl	Flumiclorac-pentyl	7232	128724
Flumioxazin	Flumioxazin	7244	129034

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
Fluometuron	Fluometuron	0049	035503
Fluopicolide	Fluopicolide	7055	027412
Fluoxastrobin	Fluoxastrobin	7044	028869
Fluridone	Fluridone	7200	112900
Fluroxypyr 1-methylheptyl ester	Fluroxypyr 1-methylheptyl ester	7248	128968
Flurprimidol	Flurprimidol	7000	125701
Fluthiacet-methyl	Fluthiacet-methyl	7245	108803
Flutolanil	Flutolanil	7010	128975
Fluvalinate	Fluvalinate	2295	109302
Folpet	Folpet	0630	081601
Foramsulfuron	Foramsulfuron	7252	122020
Forchlorfenuron	Forchlorfenuron	NY?	128819
Formetanate hydrochloride	Formetanate hydrochloride	0091	097301
Fosthiazate	Fosthiazate	7604	129022
Furanone (tanol derivs.)	Dihydro-5-heptyl-2(3H)-furanone	3138	122302
Furanone (tanol derivs.)	Dihydro-5-pentyl-2(3H)-furanone	3138	122301
Halofenozide	Halofenozide	7425	121026
Hexaflumuron	Hexaflumuron	7413	118202
Hexazinone	Hexazinone	0266	107201
Hexythiazox	Hexythiazox	7404	128849
Hydramethylnon	Hydramethylnon	2585	118401
Imidacloprid	Imidacloprid	7605	129059
Imiprothrin	Imiprothrin	7426	004006
Indoxacarb	Indoxacarb	7613	067710
Inorganic arsenic compounds	Arsenic acid	0389	006801
Inorganic arsenic compounds	Arsenic pentoxide	0132	006802
Inorganic nitrate/nitrite	Potassium Nitrate	4052	076103
Inorganic nitrate/nitrite	Sodium Nitrate	4052	076104
Iprodione	Iprodione	2335	109801
Isoxaben	Isoxaben	7219	125851
Isoxaflutole	Isoxaflutole	7242	123000
Kresoxim-methyl	Kresoxim-methyl	7026	129111
Lactofen	Lactofen	7210	128888
Linuron	Linuron	0047	035506
Malathion	Malathion	0248	057701
Mancozeb	Mancozeb	0643	014504
Mandipropamide	Mandipropamide	NA	036602
Maneb	Maneb	0642	014505
MCPA, salts and esters	MCPA, 2-ethyl hexyl ester	0017	030564
MCPA, salts and esters	MCPA, dimethylamine salt	0017	030516
MCPA, salts and esters	MCPA, isooctyl ester	0017	030563
MCPA, salts and esters	MCPA	0017	030501
MCPA, salts and esters	MCPA, sodium salt	0017	030502
MCPB and salts	MCPB	2365	019201
MCPB and salts	MCPB, sodium salt	2365	019202
MCPP (Mecoprop) and salts	MCPP	0377	031501

Chemical Group	Chemical Name	EPA Case No	EPA PC Code
MCPP (Mecoprop) and salts	MCPP-P, dimethylamine salt	0377	031520
MCPP (Mecoprop) and salts	MCPP-P, potassium salt	0377	119046
MCPP (Mecoprop) and salts	MCPP, dimethylamine salt	0377	031519
MCPP (Mecoprop) and salts	Mecoprop-P	0377	129046
Mefluidide and salts	Mefluidide	2370	114001
Mefluidide and salts	Mefluidide, diethanolamine salt	2370	114002
Mefluidide and salts	Mefluidide, potassium salt	2370	114003
Metaflumizone	Metaflumizone	7446	281250
Metal naphthenate salts (Cu, Zn)	Copper naphthenate	3099	023102
Metal naphthenate salts (Cu, Zn)	Zinc naphthenate	3099	088301
Metalaxyl and isomers	Mefenoxam	0081	113502
Metalaxyl and isomers	Metalaxyl	0081	113501
Metaldehyde	Metaldehyde	0576	053001
Metam salts	Metam potassium	2390	039002
Metam salts	Metam-sodium	2390	039003
Methidathion	Methidathion	0034	100301
Methiocarb	Methiocarb	0577	100501
Methomyl	Methomyl	0028	090301
Methoprene and isomers	Methoprene	0030	105401
Methoprene and isomers	S-Methoprene	0030	105402
Methoxyfenozide	Methoxyfenozide	7431	121027
Methyl Bromide	Methyl Bromide	0335	053201
Methyl iodide	Methyl iodide	NA	000011
Methyl isothiocyanate	Methyl isothiocyanate	2405	068103
Methyl parathion	Methyl parathion	0153	053501
Metiram	Metiram	0644	014601
Metofluthrin	Metofluthrin	7445	109709
Metolachlor and isomers	Metolachlor	0001	108801
Metolachlor,S	Metolachlor,S	0001	108800
Metribuzin	Metribuzin	0181	101101
Milbemectin (A mixture of >=70%	Milbemectin (A mixture of >=70%	7623	090105
Milbemcin A4, & <=30% Milbemycin A3)	Milbemcin A4, & <=30% Milbemycin A3)		
Myclobutanil	Myclobutanil	7006	128857
N-octyl bicycloheptene dicarboximide	N-octyl bicycloheptene dicarboximide	2430	057001
Nabam	Nabam	0641	014503
Naled	Naled	0092	034401
Napropamide	Napropamide	2450	103001
Nicarbazin	Nicarbazin	7628	085712
Nicobifen	Nicobifen	7039	128008
Nonyl phenol ethoxylates	Nonyl phenol ethoxylates	3119	079084
Novaluron	Novaluron	7615	124002
Oryzalin	Oryzalin	0186	104201
Oxadiazon	Oxadiazon	2485	109001
Oxamyl	Oxamyl	0253	103801
Oxydemeton-Methyl	Oxydemeton-Methyl	0258	058702
Oxyfluorfen	Oxyfluorfen	2490	111601

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Para-dichlorobenzene	Para-dichlorobenzene	3058	061501
Paraquat dichloride	Paraquat dichloride	0262	061601
PCNB	PCNB	0128	056502
Pendimethalin	Pendimethalin	0187	108501
Pentachlorophenol and salts	Pentachlorophenol	2505	063001
Permethrin	Permethrin	2510	109701
Phenothrin	Phenothrin	0426	069005
Phorate	Phorate	0103	057201
Phosmet	Phosmet	0242	059201
Phosphine	Phosphine	7608	066500
Phostebupirim	Phostebupirim	7606	129086
Picloram and salts	Picloram	0096	005101
Picloram and salts	Picloram, potassium salt	0096	005104
Picloram and salts	Picloram, triisopropanolamine salt	0096	005102
Pinoxaden	Pinoxaden	7266	147500
Piperalin	Piperalin	3114	097003
Piperonyl butoxide	Piperonyl butoxide	2525	067501
Pirimiphos-methyl	Pirimiphos-methyl	2535	108102
Prallethrin	Prallethrin	7418	128722
Prodiamine	Prodiamine	7201	110201
Profenofos	Profenofos	2540	111401
Prometryn	Prometryn	0467	080805
Propachlor	Propachlor	0177	019101
Propamocarb hydrochloride	Propamocarb hydrochloride	3124	119302
Propanil	Propanil	0226	028201
Propargite	Propargite	0243	097601
Propiconazole	Propiconazole	3125	122101
Propoxur	Propoxur	2555	047802
Propylene oxide	Propylene oxide	2560	042501
Propyzamide	Propyzamide	0082	101701
Prothioconazole	Prothioconazole	7054	113961
Pymetrozine	Pymetrozine	7611	101103
Pyraclostrobin	Pyraclostrobin	7034	099100
Pyraflufen-ethyl	Pyraflufen-ethyl	7259	030090
Pyrasulfotole	Pyrasulfotole	7272	000692
Pyrethrins	Pyrethrins	2580	069001
Pyridaben	Pyridaben	7417	129105
Pyridalyl	Pyridalyl	NA	295149
Pyrimethanil	Pyrimethanil	NA	288201
Pyriproxyfen	Pyriproxyfen	7424	129032
Quinoxifen	Quinoxifen	7037	055459
Quizalofop-ethyl and isomers	Quizalofop-ethyl	7215	128711
Quizalofop-ethyl and isomers	Quizalofop-P-ethyl	7215	128709
Reactive phosphide salts (Al, Mg)	Aluminum Phosphide	0025	066501
Reactive phosphide salts (Al, Mg)	Magnesium Phosphide	0645	066504
Resmethrin	Resmethrin	0421	097801

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Rotenone	Rotenone	0255	071003
S,S,S-tributyl phosphorotrithioate	S,S,S-tributyl phosphorotrithioate	2145	074801
Sabadilla alkaloids	Sabadilla alkaloids	3128	002201
Sethoxydim	Sethoxydim	2600	121001
Siduron	Siduron	3130	035509
Simazine	Simazine	0070	080807
Sodium chlorate	Sodium chlorate	4049	073301
Sodium cyanide	Sodium cyanide	3086	074002
Sodium dimethyl dithio carbamate	Sodium dimethyl dithio carbamate	8100	034804
Sodium fluoride	Sodium fluoride	3132	075202
Sodium Tetrathiocarbonate	Sodium Tetrathiocarbonate	7009	128904
Spinetoram and spinosad	Spinetoram (XDE-175-J)	7448	110008
Spinetoram and spinosad	Spinetoram (XDE-175-L)	7448	110009
Spinetoram and spinosad	Spinosad (mixture of Factors A and D)	7421	110003
Spirodiclofen	Spirodiclofen	7443	124871
Spiromesifen	Spiromesifen	7442	024875
Spirotetramat	Spirotetramat	NA	392201
Strychnine	Strychnine	3133	076901
Sulfentrazone	Sulfentrazone	7231	129081
Sulfluramid	Sulfluramid	7411	128992
Sulfosulfuron	Sulfosulfuron	7247	085601
Tebuconazole	Tebuconazole	7004	128997
Tebufenozide	Tebufenozide	7416	129026
Tebufenpyrad	Tebufenpyrad	7435	090102
Tefluthrin	Tefluthrin	7409	128912
Tembotrione	Tembotrione	7273	012801
Temephos	Temephos	0006	059001
Terbufos	Terbufos	0109	105001
Terbutylazine	Terbutylazine	2645	080814
Terrazole	Terrazole	0009	084701
Tetraconazole	Tetraconazole	7043	120603
Tetramethrin	Tetramethrin	2660	069003
Thiacloprid	Thiacloprid	7622	014019
Thiamethoxam	Thiamethoxam	7614	060109
Thidiazuron	Thidiazuron	4092	120301
Thiencarbazone-methyl	Thiencarbazone-methyl	NA	015804
Thiobencarb	Thiobencarb	2665	108401
Thiodicarb	Thiodicarb	2675	114501
Thiophanate-methyl	Thiophanate-methyl	2680	102001
Thiram	Thiram	0122	079801
Tolyfluanid	Tolyfluanid	NA	309200
Tralomethrin	Tralomethrin	7400	121501
Tralopyril	Tralopyril	5114	119093
Triadimefon	Triadimefon	2700	109901
Triadimenol	Triadimenol	7008	127201
Triallate	Triallate	2695	078802

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Tributyltin-containing compounds	Tributyltin benzoate	2620	083106
Tributyltin-containing compounds	Tributyltin maleate	2620	083118
Tributyltin-containing compounds	Tributyltin oxide	2620	083001
Trichlorfon	Trichlorfon	0104	057901
Triclopyr, salts and esters	Triclopyr	2710	116001
Triclopyr, salts and esters	Triclopyr, butoxyethyl ester	2710	116004
Triclopyr, salts and esters	Triclopyr, triethylamine salt	2710	116002
Triclosan	Triclosan	2340	054901
Trifloxystrobin	Trifloxystrobin	7028	129112
Trifloxysulfuron-sodium	Trifloxysulfuron-sodium	7260	119009
Triflumizole	Triflumizole	7003	128879
Trifluralin	Trifluralin	0179	036101
Triticonazole	Triticonazole	7036	125620
Vinclozolin	Vinclozolin	2740	113201
Warfarin and salts	Warfarin	0011	086002
Warfarin and salts	Warfarin, sodium salt	0011	086003
Zinc Phosphide	Zinc Phosphide	0026	088601
Ziram	Ziram	2180	034805
Zoxamide	Zoxamide	7032	101702