

Report to Congress on the Recovery of Threatened and Endangered Species

Fiscal Years 2017-2020



From the Director



I am proud to present this report, which provides an update on the progress of federally protected species toward recovery between October 1, 2016 and September 30, 2020 (fiscal years 2017, 2018, 2019, and 2020).

During these four fiscal years, the Endangered Species Act (ESA) achieved some remarkable successes by bringing state, federal, and private partners together. This included the recovery and delisting of 14 species once threatened with extinction: the white-haired goldenrod, turquoise parakeet, scarlet-chested parakeet, Eureka Valley evening primrose, black-capped vireo, lesser long-nosed bat, Hidden Lake bluecurls, Deseret milkvetch, Fosskett speckled dace, Monito gecko, Kirtland's warbler, Colorado butterfly plant, Hawaiian hawk, and Borax Lake chub.

Another five species – the Tobusch fishhook cactus, Kuenzler hedgehog cactus, Eureka Dune grass, West Indian manatee, and Columbian white-tailed deer were reclassified from endangered to, the less critical, threatened status because of partnership-driven conservation efforts.

The recovery of these species reminds us all how the ESA can and should work—bringing partners together to recover imperiled species, as well as the land and water on which they depend for habitat. Our primary goal is to achieve the recovery and delisting of species and return management to state wildlife professionals. We are also working with our partners to address the conservation needs of declining species and to avert the need for ESA protection.

Ultimately, recovering threatened and endangered species is as much about people as it is about wildlife. With numerous of the 1,585 threatened and endangered plant and animal species in the United States found on private lands, we need the active help and engagement of private landowners to protect and recover these species. That's why we are committed to strengthening and expanding the array of tools and incentives available under the ESA to support and encourage voluntary conservation efforts on private lands. By providing financial and technical assistance and regulatory assurances, we can help keep working lands productive for people and wildlife and make a real difference for wildlife and the people and communities that share the land with them.

As we move forward and face ever-evolving challenges we do so with the knowledge that collaboration is at the heart of all ESA successes. Through these diverse collaborative partnerships, the ESA will continue to serve as a critical safety net for imperiled species and become the springboard to recovery that Congress intended when it enacted the law just over 48 years ago.

Martha Williams, Director

Report to Congress on the Recovery of Threatened and Endangered Species

Fiscal Years 2017-2020

This report provides an update on the progress toward recovery of all domestic threatened and endangered wildlife and plant species protected under the Endangered Species Act (ESA) for which the U.S. Fish and Wildlife Service (Service) has lead responsibility. This report addresses four fiscal years (FY) spanning two reporting periods: FY 2017-2018 (October 1, 2016-September 30, 2018) and FY 2019-2020 (October 1, 2018-September 30, 2020). Data summarized in this report are presented by reporting period for each listed domestic species under the jurisdiction of the Service and are organized by major taxonomic groupings. At the close of the FY 2017-2018 reporting period, the Service had lead responsibility for recovering 1,586 federally listed threatened (343) and endangered (1243) species (Table A). At the close of the FY 2019-2020 reporting period, the Service had lead responsibility for recovering 1,585 federally listed threatened (345) and endangered (1,240) species (Table B). Data include:

- the species' common name and scientific name, or just scientific name where no common name is available;
- the date the species was listed under the ESA;
- the species' listing classification as an endangered species or threatened species;
- the date of the species' recovery plan;
- the stage of development of the recovery plan;
- the number of actions outlined in the recovery plan that have been



Credit: Joel Trick/USFWS

*Bird enthusiasts from around the world flocked to northern Michigan hoping to catch sight of Kirtland's warbler (*Setophaga kirtlandii*), once on the brink of extinction. Following decades of efforts, the species has made a remarkable recovery, and in October 2019 the Service announced the species no longer warranted ESA protection.*

implemented;

- the date the species' most recent status review was completed; and
- the species' most recent status review recommendation.

Species Name

Species are listed in the table by inverted common name within their respective taxonomic groups. Where a species has more than one accepted common or scientific name, the alternate name is indicated in parentheses with an "equals" symbol followed by the alternate name. Most species are listed at the taxonomic level (species or subspecies). If a

species is listed only within a specific geographic boundary, its population information is provided in parentheses after the common name(s). Many plants and some invertebrates do not have a common name, so only the scientific name is given. The species are ordered in the following taxonomic groupings:

- **Animal Species:** Mammals, Birds, Reptiles, Amphibians, Fishes, Clams, Snails, Insects, Arachnids, Crustaceans
- **Plant Species:** Flowering Plants, Ferns and Allies, Conifers and Cycads, Lichens



Credit: USFWS

*In 2016, the Service and its partners celebrated the downlisting of the Columbian white-tailed deer (*Odocoileus virginianus leucurus*) from endangered to threatened in Washington and Oregon. The combined efforts between the Cowlitz Indian Tribe, states of Washington and Oregon, conservation groups, volunteers and the Service have reduced threats and secured populations of deer.*

Each species' name is hyperlinked to the corresponding species profile page in the Service's Environmental Conservation Online System (ECOS). Species profile pages provide a one-stop source for summary information on individual species. In addition, electronic copies of the species' recovery plan, the most recent status review (i.e., 5-year review), and relevant Federal Register publications may be accessed from the species profile page.

Date Listed

This indicates the date the species was added to the Federal Lists of Threatened and Endangered Wildlife and Plants (Lists), generally about 30 days after the publication of the Federal Register notice announcing the listing decision.

Listing Classification

The species' "Listing Classification" is identified as a threatened species (T) or an endangered species (E). At the end of FY 2020, the Service had lead responsibility for recovering 1,585 federally listed species. Between FY 2017-2020, 81 species were newly listed (16 as threatened and 65 as endangered), and 11 were delisted due to recovery.

Active Recovery Plan Date

Recovery plans are an important tool in the Service's mission to recover listed species, as they provide guidance on the direction, strategy, and benchmarks for recovery. They also provide indicators for when it may be appropriate to evaluate the status of the species. As we have consistently demonstrated in previous Recovery

Reports to Congress, the Service is continuing to make improvements in finalizing recovery plans for threatened and endangered species.

In this report, "Active Recovery Plan Date" indicates the approval date of the species' active recovery plan. If a species has more than one active recovery plan, all active plan dates will be shown in this column. An "N/A" in this column indicates that a species does not yet have an approved recovery plan. "Exempt" in this column indicates that this species is exempt from needing a recovery plan. Species are "Exempt" if we determine that developing a recovery plan will not promote the conservation of the species. In the rare instances in which an "Exempt" finding is made, it generally applies to species that are

presumed extinct. For a few species, however, we may have decided not to prepare a plan because we have determined that another document fulfills the recovery planning needs (e.g., Little Kern golden trout).

Recovery Plan Status

Updates on the development and implementation of recovery plans are provided in this report. The Service remains committed to its goal of having a recovery plan for every listed domestic species unless otherwise exempted. We continue to finalize and implement recovery plans as a tool for delisting species and reclassifying species from endangered to threatened.

By the end of the reporting period, 80 percent (1,214) of all domestic species under the jurisdiction of the Service had recovery plans. Of the species with recovery plans, most had final recovery plans available, with 12 percent (153 species) having draft recovery plans that had not yet been finalized.

Of the 218 domestic species needing recovery plans at the end of FY 2020, 81 species were newly listed during this reporting period. Of those newly listed, 69 had recovery outlines completed.

The “Plan Status” is reported as indicated below:

- **D:** Draft plan has been approved by the Regional Director and made available to the public for review and comment.
- **F:** Final plan has been signed and made publicly available.
- **RD(#):** Draft of the revised plan has been approved by the Regional Director and made available to the public for review and comment. The draft of the first revision to the final plan is recorded as RD(1), draft of the second revision to the final plan is recorded as RD(2), etc.
- **RF(#):** Final revision has been signed by the Regional Director and made publicly available. The

first revision is recorded as RF(1), the second revision is RF(2), etc.

- **O:** Recovery outline has been approved and signed at the level determined by the lead Region.
- **CS:** Conservation strategy, often created for the species prior to its listing but does not meet the standards of a recovery plan or has not been formally noticed as a draft recovery plan for the species.
- **Exempt:** Species that are exempted from recovery plan development. Species are “exempt” if the Service has determined that developing a recovery plan will not promote the conservation of the species.
- **N/A:** The species does not yet have an approved recovery plan.

Number of Recovery Actions Implemented

The “Number of Recovery Actions Implemented” represents the cumulative number of recovery actions identified in the Recovery Plans database that qualify as implemented as of September 30, 2020. Recovery actions are defined as actions relevant to eliminating or reducing the threats identified in listing rules, recovery plans, and through subsequent status reviews. A recovery action in the Recovery Plans database is counted as “implemented” if it has an action status of ongoing current, ongoing not current, partially complete, or complete. An “N/A” in this column indicates that the species does not yet have an approved recovery plan. “Exempt” in this column indicates that the species is exempt from needing a recovery plan.

Date Status Review Completed

A status review (e.g., 5-year review or other review document described in the following section) is a periodic review of the status of species listed under the ESA, conducted at least once every 5 years. The review process ensures that listed

Originally listed as endangered in 1987, the Eureka Valley evening primrose is no longer in need of ESA protection thanks to successful habitat conservation efforts by the Bureau of Land Management and National Park Service. The Service and its partners celebrated the recovery of this desert wildflower in 2018.



Credit: Erin Nordin /USFWS



From just 350 black-capped vireos in the 1980s, the estimated number of vireos has grown to more than 14,000 across Oklahoma, Texas, and Mexico today. The Service announced the recovery of the species at Balcones Canyonlands National Wildlife Refuge in 2017.

species have the appropriate level of protection under the ESA. The “Date Status Review Completed” is the date the most recent status review was signed by the Service’s Regional Director or appropriate delegated authority. An “N/A” in this column indicates that we have not yet completed a status review for the species.

Status Review Recommendation

The “Status Review Recommendation” for each species is identified in this report as one of the following outcomes:

- **No change to listed status:** Species for which no change in classification is recommended. Because species’ declines often occur over the course of decades or centuries prior to their listing, achieving recovery often requires substantial time and resource investment. It may take many years for a species to recover enough to be delisted or reclassified to a threatened species, as populations are often

critically depleted when a species is first listed. The Service may recommend that a species’ listing status remain unchanged, even if the species has made great progress towards recovery since its listing. Thus, a status review recommendation of “no change” does not reflect a species’ decline or lack of progress towards recovery. It simply means that during the status review, biologists found that the threats neither increased enough to warrant a reclassification to an endangered species (for those species listed as threatened), nor decreased enough to warrant reclassification to a threatened species (for those species listed as endangered) or delisting.

- **Reclassify to T:** The species’ status has substantially improved such that it should be reclassified from an endangered species to a threatened species, thus demonstrating the species’ responsiveness to the recovery

actions implemented by the Service and its partners.

- **Delist:** The best available scientific and commercial information indicate that the species is neither an endangered species nor a threatened species for the following reasons: (1) the species is extinct; (2) the species has recovered and is no longer an endangered species or threatened species; and/or (3) the original scientific data used at the time the species was classified were erroneous.
- **Reclassify to E:** Species for which the best available information indicates a decline in status since the species’ listing or previous status review such that it is now in danger of extinction throughout all or a significant portion of its range.
- **Revision:** This recommendation reflects a status review recommendation to revise the listed entity. For example, a status review may recommend a change in how a species is listed because of a recent taxonomic revision.

Our status review process uses the same ESA standards that are applied in the original listing process. We publish notices in the Federal Register announcing the species we are reviewing and inviting public engagement. The outcome of a status review does not, by itself, change the classification of a species. However, if the Service’s status review recommends that a change in classification is warranted, we propose to reclassify or delist a species through a separate rulemaking process that includes public review and comment, as required in the ESA. No change in the classification of the species may occur until the completion of the rulemaking process. Further, it is important to note that the Secretary of the Interior may review the status of any species at any time (50 CFR 424.21). Acting on status review

recommendations to reclassify or delist is a priority for the Service, and we have published a work plan (<https://www.fws.gov/endangered/what-we-do/downlisting-delisting-workplan.html>) to guide those efforts and to be transparent about our anticipated future rulemakings.

Although most status reviews are 5-year reviews, other reviews of a species' status that are conducted for a listed species may also fulfill the

requirements of a status review. For example, if the Service is petitioned to reclassify a species, the review of the species' status that would be conducted for the 12-month finding may qualify as a status review. However, reviews of a species' status may only fulfill the requirement of a status review if: (1) the review addresses the status of the species described on the Lists; (2) a Federal Register notice announces that the species is under active review; and (3) a conclusion is made regarding

the appropriate classification of the species.

Status reviews are posted to the individual species profile pages in ECOS. Profile pages can be easily accessed by clicking on the hyperlinked species name in this report or by going to <https://ecos.fws.gov/ecp/> and searching for the species by name.

Status Review Recommendations Data Analysis

The Service continued to make significant progress towards completing status reviews during the reporting periods. As of September 30, 2020, status reviews have been completed for 93% (1,388) of the domestic species listed for 5 or more years under the jurisdiction of the Service, 61% (911) of which were completed during the reporting periods.

Of the 1,388 status reviews completed, 93 percent (1,294) recommend no change in status for the species, 3 percent (40) recommend reclassifying from endangered to threatened, 3 percent (38) recommend delisting (22 due to extinction, 13 due to recovery, and 3 due to error), 1 percent (13) recommend reclassifying from threatened to endangered, and less than 1 percent (2) recommend a revision to the listed entity.

*When the Tobusch fishhook cactus (*Sclerocactus brevihamatus* ssp. *tobuschii*) was listed under the ESA in 1979, there were fewer than 200 individual cacti known to exist. Today more than 3,300 cacti have been documented. The Service announced the reclassification of the species from endangered to threatened in May 2018.*



Credit: Chris Best/USFWS

Table A. Recovery Data for FY 2017-2018

Table A-1. Species, recovery plan, and recovery status information for listed mammal species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Bat, Florida bonneted	<i>Eumops floridanus</i>	11/1/2013	E	N/A	N/A	N/A	N/A	N/A
Bat, gray	<i>Myotis grisescens</i>	4/28/1976	E	7/8/1982	F	65	9/30/2009	No change in status
Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	10/13/1970	E	5/11/1998	F	9	9/30/2011	No change in status
Bat, Indiana	<i>Myotis sodalis</i>	3/11/1967	E	4/16/2007	RD(1)	45	9/30/2009	No change in status
Bat, little Mariana fruit	<i>Pteropus tokudae</i>	8/27/1984	E	11/2/1990	F	42	6/30/2015	No change in status
Bat, Mariana fruit (=Mariana flying fox)	<i>Pteropus mariannus mariannus</i>	8/27/1984	T	3/30/2010	RD(1)	7	8/12/2014	No change in status
Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	9/30/1988	E	9/8/1994	F	6	N/A	N/A
Bat, Northern long-eared	<i>Myotis septentrionalis</i>	5/4/2015	T	N/A	N/A	N/A	N/A	N/A
Bat, Ozark big-eared	<i>Corynorhinus (=Plecotus) townsendii ingens</i>	11/30/1979	E	3/28/1995	RF(1)	23	5/22/2008	No change in status
Bat, Pacific sheath-tailed	<i>Emballonura semicaudata semicaudata</i>	10/24/2016	E	N/A	N/A	N/A	N/A	N/A
Bat, Pacific sheath-tailed (Mariana Subspecies; Payeyi Paischeey)	<i>Emballonura semicaudata rotensis</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Bat, Virginia big-eared	<i>Corynorhinus (=Plecotus) townsendii virginianus</i>	12/31/1979	E	5/8/1984	F	34	8/27/2008	No change in status
Bear, grizzly (lower 48 States)	<i>Ursus arctos horribilis</i>	7/28/1975	T	9/10/1993	RF(1)	273	9/6/2011	No change in status
Bear, polar	<i>Ursus maritimus</i>	5/15/2008	T	1/11/2017	F	N/A	2/3/2017	No change in status
Bison, wood	<i>Bison bison athabascae</i>	6/2/1970	T	N/A	N/A	N/A	5/3/2012	Downlist to T
Caribou, Woodland (Southern Selkirk Mountains DPS)	<i>Rangifer tarandus caribou</i>	1/14/1983	E	3/4/1994	RF(1)	52	12/5/2008	No change in status
Deer, Columbian white-tailed (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i>	3/11/1967	T	6/14/1983	RF(1)	14	10/17/2016	Downlist to T
Deer, key	<i>Odocoileus virginianus clavium</i>	3/11/1967	E	5/18/1999	F	67	8/23/2010	No change in status
Ferret, black-footed	<i>Mustela nigripes</i>	3/11/1967	E	11/8/2013	RF(2)	81	8/13/2014	No change in status
Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	3/11/1967	E	9/30/1998	F	56	2/16/2010	No change in status
Fox, Santa Catalina Island	<i>Urocyon littoralis catalinae</i>	3/5/2004	T	2/27/2015	F	23	2/16/2016	Downlist to T
Jaguar	<i>Panthera onca</i>	3/28/1972	E	7/27/2018	F	N/A	N/A	N/A
Jaguarundi, Gulf Coast	<i>Herpailurus (=Felis) yagouaroundi cacomitli</i>	6/14/1976	E	12/20/2013	F	20	7/24/2018	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Jaguarundi, Sinaloan	<i>Herpailurus (=Felis) yagouaroundi tolteca</i>	6/14/1976	E	Exempt	Exempt	Exempt	N/A	N/A
Kangaroo rat, Fresno	<i>Dipodomys nitratoides exilis</i>	1/30/1985	E	9/30/1998	F	15	2/16/2010	No change in status
Kangaroo rat, giant	<i>Dipodomys ingens</i>	1/5/1987	E	9/30/1998	F	20	2/16/2010	No change in status
Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	10/13/1970	E	1/25/2000	RD(1)	17	5/26/2011	No change in status
Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	1/27/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Kangaroo rat, Stephens'	<i>Dipodomys stephensi (incl. D. cascus)</i>	9/30/1988	E	6/23/1997	D	15	7/22/2011	Downlist to T
Kangaroo rat, Tipton	<i>Dipodomys nitratoides nitratoides</i>	7/8/1988	E	9/30/1998	F	16	2/16/2010	No change in status
Lynx, Canada (Contiguous U.S. DPS)	<i>Lynx canadensis</i>	3/24/2000	T	9/14/2005	O	N/A	11/13/2017	Delist due to recovery
Manatee, West Indian	<i>Trichechus manatus</i>	3/11/1967	T	10/30/2001, 12/24/1986	F, RF(3)	126	1/8/2016	Downlist to T
Margay	<i>Leopardus (=Felis) wiedii</i>	3/30/1972	E	N/A	N/A	N/A	N/A	N/A
Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	12/12/1991	E	6/2/1998	F	22	4/1/2009	No change in status
Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	6/6/1985	E	8/12/1987	F	36	11/23/2009	No change in status
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	5/12/1989	E	9/23/1993	F	10	9/6/2007	No change in status
Mouse, Choctawhatchee beach	<i>Peromyscus polionotus allophrys</i>	6/6/1985	E	8/12/1987	F	39	9/4/2007	No change in status
Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	9/21/1983	E	5/18/1999	F	20	3/26/2009	No change in status
Mouse, New Mexico meadow jumping	<i>Zapus hudsonius luteus</i>	7/10/2014	E	6/9/2014	O	5	N/A	N/A
Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	2/3/1994	E	9/28/1998	F	35	4/1/2010	No change in status
Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	6/6/1985	E	8/12/1987	F	47	12/5/2014	No change in status
Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	5/13/1998	T	9/18/2018	F	N/A	5/8/2014	No change in status
Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	10/13/1970	E	8/27/2013	F	48	2/3/2010	No change in status
Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	5/12/1989	T	9/23/1993	F	8	4/7/2008	No change in status
Mouse, St. Andrew beach	<i>Peromyscus polionotus peninsularis</i>	12/18/1998	E	10/25/2010	F	12	4/6/2009	No change in status
Ocelot	<i>Leopardus (=Felis) pardalis</i>	3/28/1972	E	7/28/2016	F	N/A	7/24/2018	No change in status
Otter, Northern Sea (Southwest Alaska DPS)	<i>Enhydra lutris kenyoni</i>	8/9/2005	T	8/13/2013	F	N/A	8/21/2013	No change in status
Otter, southern sea	<i>Enhydra lutris nereis</i>	1/14/1977	T	4/3/2003	RF(1)	21	9/15/2015	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Panther, Florida	<i>Puma (=Felis) concolor coryi</i>	3/11/1967	E	11/1/2008	RF(3)	89	4/28/2009	No change in status
Pocket gopher, Olympia	<i>Thomomys mazama pugetensis</i>	5/9/2014	T	N/A	N/A	N/A	N/A	N/A
Pocket gopher, Roy Prairie	<i>Thomomys mazama glacialis</i>	5/9/2014	T	N/A	N/A	N/A	N/A	N/A
Pocket gopher, Tenino	<i>Thomomys mazama tumuli</i>	5/9/2014	T	N/A	N/A	N/A	N/A	N/A
Pocket gopher, Yelm	<i>Thomomys mazama velmensis</i>	5/9/2014	T	N/A	N/A	N/A	N/A	N/A
Prairie dog, Utah	<i>Cynomys parvidens</i>	6/4/1973	T	3/1/2012	RF(1)	22	4/20/2012	No change in status
Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	3/11/1967	E	11/22/2016	RF(2)	N/A	7/18/2018	No change in status
Rabbit, Columbia Basin Pygmy (Columbia Basin DPS)	<i>Brachylagus idahoensis</i>	11/30/2001	E	1/23/2013	F	70	9/29/2010	No change in status
Rabbit, Lower Keys marsh	<i>Sylvilagus palustris hefneri</i>	6/21/1990	E	5/18/1999	F	39	9/21/2007	No change in status
Rabbit, riparian brush	<i>Sylvilagus bachmani riparius</i>	2/23/2000	E	9/30/1998	F	13	N/A	N/A
Rice rat, Silver	<i>Oryzomys palustris natator</i>	4/30/1991	E	5/18/1999	F	15	8/18/2008	No change in status
Sheep, Peninsular bighorn (Peninsular CA DPS)	<i>Ovis canadensis nelsoni</i>	3/18/1998	E	10/25/2000	F	46	4/21/2011	No change in status
Sheep, Sierra Nevada bighorn	<i>Ovis canadensis sierrae</i>	4/20/1999	E	9/24/2007	F	25	9/30/2008	No change in status
Shrew, Buena Vista Lake ornate	<i>Sorex ornatus relictus</i>	3/6/2002	E	9/30/1998	F	12	9/8/2011	No change in status
Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	7/1/1985	E	9/24/1990	F	20	6/28/2013	No change in status
Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	6/3/1987	E	5/27/2011	RD(1)	19	1/15/2008	No change in status
Squirrel, Northern Idaho Ground	<i>Urocyonellus brunneus</i>	4/5/2000	T	9/16/2003	F	42	3/21/2017	No change in status
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	11/15/1984	E	9/15/1997	F	23	2/4/2009	No change in status
Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	1/14/1991	E	9/30/1997	F	6	6/5/2008	No change in status
Wolf, gray (MN DPS)	<i>Canis lupus</i>	3/9/1978	T	1/31/1992	RF(1)	N/A	N/A	N/A
Wolf, gray (Northern Rocky Mountain DPS)	<i>Canis lupus</i>	3/9/1978	E	1/31/1992	RF(1)	50	2/29/2012	Revision of listed entity
Wolf, Mexican	<i>Canis lupus bailevi</i>	4/28/1976	E	11/28/2017	RF(1)	N/A	N/A	N/A
Wolf, red	<i>Canis rufus</i>	3/11/1967	E	10/26/1990	RF(2)	40	4/23/2018	No change in status
Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	9/21/1983	E	5/18/1999	F	26	3/21/2018	No change in status
Woodrat, riparian (=San Joaquin Valley)	<i>Neotoma fuscipes riparia</i>	2/23/2000	E	9/30/1998	F	12	6/20/2012	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-2. Species, recovery plan, and recovery status information for listed bird species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
ʻIiwi	<i>Drepanis coccinea</i>	10/20/2017	T	N/A	N/A	N/A	N/A	N/A
ʻOʻo, Kauai (honeyeater)	<i>Moho braccatus</i>	3/11/1967	E	9/22/2006	RF(1)	121	7/29/2009	No change in status
ʻOʻu (honeycreeper)	<i>Psittirostra psittacea</i>	3/11/1967	E	9/22/2006	RF(1)	123	8/20/2015	No change in status
Akekee (honeycreeper)	<i>Loxops caeruleirostris</i>	5/13/2010	E	6/17/2010	O	N/A	9/5/2017	No change in status
Akepa, Hawaii	<i>Loxops coccineus</i>	10/13/1970	E	9/22/2006	RF(1)	175	8/20/2015	No change in status
Akepa, Maui	<i>Loxops ochraceus</i>	10/13/1970	E	9/22/2006	RF(1)	5	7/30/2018	Delist due to extinction
Akialoa, Kauai (honeycreeper)	<i>Akialoa stejnegeri</i>	3/11/1967	E	9/22/2006	RF(1)	121	7/31/2009	No change in status
Akiapolau	<i>Hemignathus wilsoni</i>	3/11/1967	E	9/22/2006	RF(1)	190	8/18/2015	No change in status
Akikiki	<i>Oreomystis bairdi</i>	5/13/2010	E	09/22/2006, 06/17/2010	O, RF(1)	125	9/5/2017	No change in status
Albatross, short-tailed	<i>Phoebastria (=Diomedea) albatrus</i>	6/2/1970	E	9/17/2008	F	38	9/26/2014	No change in status
Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	12/12/1976	E	11/12/1996	RF(1)	14	9/25/2018	No change in status
Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	3/11/1967	E	4/21/1995	RF(2)	54	5/8/2014	No change in status
Caracara, Audubon's crested	<i>Polyborus plancus audubonii</i>	7/6/1987	T	5/18/1999	F	22	8/14/2009	No change in status
Condor, California	<i>Gymnogyps californianus</i>	3/11/1967	E	4/25/1996	RF(3)	54	6/4/2013	No change in status
Coot, Hawaiian	<i>Fulica americana alai</i>	10/13/1970	E	10/28/2011	RF(2)	31	7/6/2015	No change in status
Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	6/4/1973	E	9/6/1991	RF(3)	16	N/A	N/A
Crane, whooping	<i>Grus americana</i>	3/11/1967	E	3/30/2007	RF(3)	42	2/13/2012	No change in status
Creeper, Hawaii	<i>Oreomystis mana</i>	10/28/1975	E	9/22/2006	RF(1)	180	8/18/2015	No change in status
Creeper, Molokai	<i>Paroreomyza flammea</i>	10/13/1970	E	9/22/2006	RF(1)	4	7/30/2018	Delist due to extinction
Creeper, Oahu	<i>Paroreomyza maculata</i>	10/13/1970	E	9/22/2006	RF(1)	5	8/8/2013	No change in status
Crow, Hawaiian (=ʻalala)	<i>Corvus hawaiiensis</i>	3/11/1967	E	4/17/2009	RF(1)	29	8/18/2015	No change in status
Crow, Mariana (=aga)	<i>Corvus kubaryi</i>	8/27/1984	E	1/11/2006	RD(1)	32	8/12/2014	No change in status
Crow, white-necked	<i>Corvus leucognaphalus</i>	4/3/1991	E	N/A	N/A	N/A	8/24/2015	No change in status
Cuckoo, yellow-billed (Western DPS)	<i>Coccyzus americanus</i>	11/3/2014	T	N/A	N/A	N/A	N/A	N/A
Curlew, Eskimo	<i>Numenius borealis</i>	3/11/1967	E	N/A	N/A	N/A	12/21/2016	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Duck, Hawaiian (=koloa)	Anas wyvilliana	3/11/1967	E	10/28/2011	RF(2)	37	7/23/2015	No change in status
Duck, Laysan	Anas laysanensis	3/11/1967	E	7/7/2009	RF(1)	15	8/25/2017	No change in status
Eider, spectacled	Somateria fischeri	5/10/1993	T	8/12/1996	F	56	8/26/2010	No change in status
Eider, Steller's	Polysticta stelleri	6/11/1997	T	9/30/2002	F	64	N/A	N/A
Elepaio, Oahu	Chasiempis ibidis	4/18/2000	E	9/22/2006	RF(1)	142	8/8/2013	No change in status
Falcon, Northern Aplomado	Falco femoralis septentrionalis	2/25/1986	E	6/8/1990	F	17	8/26/2014	No change in status
Finch, Laysan (honeycreeper)	Telespyza cantans	3/11/1967	E	10/4/1984	F	18	8/15/2017	No change in status
Finch, Nihoa (honeycreeper)	Telespyza ultima	3/11/1967	E	10/4/1984	F	18	8/15/2017	No change in status
Flycatcher, southwestern willow	Empidonax traillii extimus	2/27/1995	E	8/30/2002	F	106	12/29/2017	No change in status
gallinule, Hawaiian common	Gallinula galeata sandvicensis	3/11/1967	E	10/28/2011	RF(2)	34	8/3/2015	No change in status
Gnatcatcher, coastal California	Poliottila californica californica	3/30/1993	T	N/A	N/A	N/A	8/31/2016	No change in status
Goose, Hawaiian	Branta (=Nesochen) sandvicensis	3/11/1967	E	9/24/2004	RD(1)	38	9/30/2011	No change in status
Ground-Dove, Friendly	Gallicolumba stairi	10/24/2016	E	N/A	N/A	N/A	N/A	N/A
Hawk, Hawaiian (=lo)	Buteo solitarius	3/11/1967	E	5/9/1984	F	8	8/6/2008	Delist due to recovery
Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	9/9/1994	E	9/8/1997	F	7	10/28/2010	No change in status
Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	9/9/1994	E	9/8/1997	F	11	9/7/2018	No change in status
honeycreeper, (Akohekohe) crested	Palmeria dolei	3/11/1967	E	9/22/2006	RF(1)	185	4/15/2018	No change in status
Horned lark, streaked	Eremophila alpestris strigata	11/4/2013	T	N/A	N/A	N/A	N/A	N/A
Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	8/27/1984	E	10/3/2008	RF(1)	40	7/24/2014	No change in status
Kite, Everglade snail	Rostrhamus sociabilis plumbeus	3/11/1967	E	5/18/1999	F	17	9/27/2007	No change in status
Knot, red	Calidris canutus rufa	1/12/2015	T	N/A	N/A	N/A	N/A	N/A
Mao (= maomao; honeyeater)	Gymnomyza samoensis	10/24/2016	E	N/A	N/A	N/A	N/A	N/A
Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	6/2/1970	E	4/10/1998	F	8	10/28/2016	No change in status
Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	3/11/1967	E	10/4/1984	F	21	8/15/2017	No change in status
Moorhen, Mariana common	Gallinula chloropus guami	8/27/1984	E	9/30/1991	F	4	8/18/2015	No change in status
Murrelet, marbled	Brachyramphus marmoratus	10/1/1992	T	9/24/1997	F	31	6/12/2009	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Nightjar, Puerto Rican	<i>Caprimulgus noctitherus</i>	6/4/1973	E	4/19/1984	F	7	12/22/2017	No change in status
Nukupuu, Kauai	<i>Hemignathus hanapepe</i>	3/11/1967	E	9/22/2006	RF(1)	117	8/27/2010	No change in status
Nukupuu, Maui	<i>Hemignathus affinis</i>	10/13/1970	E	9/22/2006	RF(1)	N/A	7/30/2018	Delist due to extinction
Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	3/16/1993	T	12/18/2012	RF(1)	65	8/16/2013	No change in status
Owl, northern spotted	<i>Strix occidentalis caurina</i>	6/26/1990	T	6/28/2011	RF(1)	25	9/29/2011	No change in status
Palila (honeycreeper)	<i>Loxioides bailleui</i>	3/11/1967	E	9/22/2006	RF(1)	142	8/25/2015	No change in status
Parrot, Puerto Rican	<i>Amazona vittata</i>	3/11/1967	E	5/9/2009	RF(1)	28	8/1/2017	No change in status
Parrot, thick-billed	<i>Rhynchopsitta pachyrhyncha</i>	6/2/1970	E	6/20/2013	F	14	N/A	N/A
Parrotbill, Maui (Kiwikiu)	<i>Pseudonestor xanthophrys</i>	3/11/1967	E	9/22/2006	RF(1)	184	4/15/2018	No change in status
Petrel, Bermuda	<i>Pterodroma cahow</i>	6/2/1970	E	N/A	N/A	N/A	10/30/2013	No change in status
Petrel, Hawaiian	<i>Pterodroma sandwichensis</i>	3/11/1967	E	4/25/1983	F	27	9/5/2017	No change in status
Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	10/13/1970	E	10/14/1982	F	7	11/22/2011	No change in status
Plover, piping (Atlantic Coast and Northern Great Plains Populations)	<i>Charadrius melodus</i>	12/11/1985	T	03/16/2016, 05/02/1996	RD(1), RF(1)	35	9/29/2009	No change in status
Plover, piping (Great Lakes watershed DPS)	<i>Charadrius melodus</i>	12/11/1985	E	9/8/2003	F	47	9/28/2009	No change in status
Plover, western snowy (Pacific Coast DPS)	<i>Charadrius nivosus nivosus</i>	3/5/1993	T	8/13/2007	F	87	6/8/2006	No change in status
Po'ouli (honeycreeper)	<i>Melamprosops phaeosoma</i>	10/28/1975	E	9/22/2006	RF(1)	177	7/30/2018	Delist due to extinction
Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	3/11/1967	E	3/17/2010	RF(2)	44	4/28/2010	No change in status
Rail, California clapper	<i>Rallus longirostris obsoletus</i>	10/13/1970	E	8/27/2013	F	54	4/29/2013	No change in status
Rail, Guam	<i>Rallus owstoni</i>	4/11/1984	E	9/28/1990	F	46	8/20/2014	No change in status
Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	10/13/1970	E	6/24/1985	RF(1)	131	8/10/2009	No change in status
Rail, Yuma Ridgways	<i>Rallus obsoletus [=longirostris] yumanensis</i>	3/11/1967	E	2/10/2010	RD(1)	14	9/11/2006	No change in status
Sage-grouse, Gunnison	<i>Centrocercus minimus</i>	12/22/2014	T	N/A	N/A	N/A	N/A	N/A
Scrub-jay, Florida	<i>Aphelocoma coerulescens</i>	6/3/1987	T	5/9/1990	F	19	9/28/2007	No change in status
Shearwater, Newell's Townsend's	<i>Puffinus auricularis newelli</i>	10/28/1975	T	4/25/1983	F	28	11/1/2017	Uplist to E
Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	9/12/1977	E	1/26/1984	F	18	6/17/2009	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sparrow, Cape Sable seaside	Ammodramus maritimus mirabilis	3/11/1967	E	5/18/1999	F	14	8/18/2010	No change in status
Sparrow, Florida grasshopper	Ammodramus savannarum floridanus	7/31/1986	E	5/18/1999	F	20	9/30/2008	No change in status
Sparrow, San Clemente sage	Amphispiza belli clementeae	9/12/1977	T	1/26/1984	F	17	8/13/2009	No change in status
Stilt, Hawaiian	Himantopus mexicanus knudseni	10/13/1970	E	10/28/2011	RF(2)	33	8/27/2010	No change in status
Stork, wood	Mycteria americana	2/28/1984	T	1/27/1997	RF(1)	29	9/21/2007	Downlist to T
Storm-petrel, band-rumped	Oceanodroma castro	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Swiftlet, Mariana gray	Aerodramus vanikorensis bartschi	8/27/1984	E	9/30/1991	F	19	8/6/2015	No change in status
Tern, California least	Sterna antillarum browni	6/2/1970	E	9/27/1985	RF(1)	72	9/26/2006	Downlist to T
Tern, least (Interior DPS)	Sterna antillarum	5/28/1985	E	9/19/1990	F	36	10/24/2013	Delist due to recovery
Tern, roseate (Northeast U.S. nesting population DPS)	Sterna dougallii dougallii	11/2/1987	E	11/5/1998	RF(1)	30	9/30/2010	No change in status
Tern, roseate (Western Hemisphere DPS)	Sterna dougallii dougallii	11/2/1987	T	9/24/1993	F	8	9/30/2010	No change in status
Thrush, large Kauai (=kamao)	Myadestes myadestinus	10/13/1970	E	9/22/2006	RF(1)	121	7/31/2009	No change in status
Thrush, Molokai	Myadestes lanaiensis rutha	10/13/1970	E	9/22/2006	RF(1)	5	6/24/2018	No change in status
Thrush, small Kauai (=puaiohi)	Myadestes palmeri	3/11/1967	E	9/22/2006	RF(1)	126	4/15/2018	No change in status
Towhee, Inyo California	Pipilo crissalis eremophilus	8/3/1987	T	4/10/1998	F	17	11/4/2013	Delist due to recovery
Vireo, least Bell's	Vireo bellii pusillus	5/2/1986	E	5/6/1998	D	34	9/26/2006	Downlist to T
Warbler (=wood), Bachman's	Vermivora bachmanii	3/11/1967	E	Exempt	Exempt	Exempt	5/6/2015	No change in status
Warbler (=wood), golden-cheeked	Dendroica chrysoparia	5/4/1990	E	9/30/1992	F	9	8/26/2014	No change in status
Warbler, elfin-woods	Setophaga angelae	7/22/2016	T	N/A	N/A	N/A	N/A	N/A
Warbler, Kirtland's	Setophaga kirtlandii (= Dendroica kirtlandii)	3/11/1967	E	9/30/1985	RF(1)	22	4/12/2018	Delist due to recovery
Warbler, nightingale reed (old world warbler)	Acrocephalus luscini	6/2/1970	E	4/10/1998	F	8	7/23/2015	No change in status
White-eye, bridled	Zosterops conspicillatus conspicillatus	8/27/1984	E	9/28/1990	F	8	6/30/2015	No change in status
White-eye, Rota bridled	Zosterops rotensis	1/22/2004	E	10/19/2007	F	16	8/12/2014	No change in status
Woodpecker, ivory-billed	Campephilus principalis	3/11/1967	E	4/16/2010	F	N/A	N/A	N/A
Woodpecker, red-cockaded	Picoides borealis	10/13/1970	E	1/27/2003	RF(2)	246	10/5/2006	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-3. Species, recovery plan, and recovery status information for listed reptile species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Anole, Culebra Island giant	Anolis roosevelti	8/22/1977	E	1/28/1983	F	2	1/14/2014	No change in status
Boa, Mona	Epicrates monensis monensis	3/6/1978	T	4/19/1984	F	9	11/6/2014	No change in status
Boa, Puerto Rican	Epicrates inornatus	10/13/1970	E	3/27/1986	F	10	9/16/2011	No change in status
Boa, Virgin Islands tree	Epicrates monensis granti	10/13/1970	E	3/27/1986	F	12	8/14/2009	Downlist to T
Crocodile, American (FL DPS)	Crocodylus acutus	10/28/1975	T	5/18/1999	F	6	3/20/2007	Downlist to T
Gartersnake, narrow-headed	Thamnophis rufipunctatus	7/8/2014	T	N/A	N/A	N/A	N/A	N/A
Gartersnake, northern Mexican	Thamnophis eques megalops	7/8/2014	T	N/A	N/A	N/A	N/A	N/A
Gecko, Monito	Sphaerodactylus micropithecus	10/15/1982	E	3/27/1986	F	4	8/8/2016	Delist due to recovery
Iguana, Mona ground	Cyclura stejnegeri	3/6/1978	T	4/19/1984	F	13	3/4/2015	No change in status
Lizard, blunt-nosed leopard	Gambelia silus	3/11/1967	E	9/30/1998	F	36	2/16/2010	No change in status
Lizard, Coachella Valley fringe-toed	Uma inornata	9/25/1980	T	9/11/1985	F	32	8/6/2010	No change in status
Lizard, St. Croix ground	Ameiva polops	7/5/1977	E	3/29/1984	F	9	8/21/2013	No change in status
Massasauga (=rattlesnake), eastern	Sistrurus catenatus	9/30/2016	T	N/A	N/A	N/A	N/A	N/A
Rattlesnake, New Mexican ridge-nosed	Crotalus willardi obscurus	8/21/1978	T	3/22/1985	F	12	N/A	N/A
Sea turtle, green (Central North Pacific DPS)	Chelonia mydas	5/6/2016	T	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (Central South Pacific DPS)	Chelonia mydas	5/6/2016	E	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (Central West Pacific DPS)	Chelonia mydas	5/6/2016	E	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (North Atlantic DPS)	Chelonia mydas	5/6/2016	T	10/29/1991	RF(1)	N/A	N/A	N/A
Sea turtle, green (South Atlantic DPS)	Chelonia mydas	5/6/2016	T	10/29/1991	RF(1)	N/A	N/A	N/A
Sea turtle, green (Southwest Pacific DPS)	Chelonia mydas	5/6/2016	T	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, hawksbill	Eretmochelys imbricata	6/2/1970	E	12/15/1993, 01/12/1998	RF(1)	82	6/3/2013	No change in status
Sea turtle, Kemp's ridley	Lepidochelys kempii	12/2/1970	E	9/22/2011	RF(2)	57	7/31/2015	No change in status
Sea turtle, leatherback	Dermochelys coriacea	6/2/1970	E	04/06/1992, 01/12/1998	RF(1)	88	11/15/2013	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sea turtle, loggerhead (North Pacific Ocean DPS)	<i>Caretta caretta</i>	7/23/1978	E	1/12/1998	RF(1)	N/A	8/27/2007	No change in status
Sea turtle, loggerhead (Northwest Atlantic Ocean DPS)	<i>Caretta caretta</i>	7/23/1978	T	12/31/2008	RF(2)	50	8/27/2007	No change in status
Sea turtle, olive ridley	<i>Lepidochelys olivacea</i>	7/28/1978	T	1/12/1998	RF(1)	20	6/18/2014	No change in status
Skink, bluetail mole	<i>Eumeces egregius lividus</i>	11/6/1987	T	5/18/1999	F	18	8/2/2007	No change in status
Skink, sand	<i>Neoseps reynoldsi</i>	11/6/1987	T	5/18/1999	F	18	8/2/2007	No change in status
Skink, Slevin's	<i>Emoia slevini</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Snake, Atlantic salt marsh	<i>Nerodia clarkii taeniata</i>	12/29/1977	T	12/15/1993	F	9	3/24/2008	No change in status
Snake, black pine	<i>Pituophis melanoleucus lodingi</i>	11/5/2015	T	N/A	N/A	N/A	N/A	N/A
Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	1/29/1997	T	12/5/2008	F	23	9/5/2018	Uplist to E
Snake, eastern indigo	<i>Drymarchon corais couperi</i>	3/3/1978	T	4/22/1982	F	16	4/29/2008	No change in status
Snake, giant garter	<i>Thamnophis gigas</i>	10/20/1993	T	9/28/2017	F	N/A	6/20/2012	No change in status
Snake, Louisiana pine	<i>Pituophis ruthveni</i>	5/7/2018	T	5/7/2018	O	N/A	N/A	N/A
Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	3/11/1967	E	9/11/1985	F	49	10/2/2006	No change in status
Tortoise, desert (Mojave DPS)	<i>Gopherus agassizii</i>	8/20/1980	T	5/6/2011	RF(1)	33	9/30/2010	No change in status
Tortoise, gopher (West of Mobile and Tombigbee Rivers DPS)	<i>Gopherus polyphemus</i>	7/7/1987	T	12/26/1990	F	16	7/27/2011	No change in status
Turtle, Alabama red-bellied	<i>Pseudemys alabamensis</i>	6/16/1987	E	1/8/1990	F	11	7/12/2015	No change in status
Turtle, bog (=Muhlenber; Northern DPS)	<i>Clemmys muhlenbergii</i>	11/4/1997	T	5/15/2001	F	33	N/A	N/A
Turtle, flattened musk (Black Warrior River DPS)	<i>Sternotherus depressus</i>	6/11/1987	T	2/26/1990	F	5	7/17/2014	No change in status
Turtle, Plymouth Redbelly	<i>Pseudemys rubriventris bangsi</i>	4/2/1980	E	5/6/1994	RF(2)	17	9/30/2007	No change in status
Turtle, ringed map	<i>Graptemys oculifera</i>	12/23/1986	T	4/8/1988	F	11	8/17/2010	No change in status
Turtle, Sonoyta mud	<i>Kinosternon sonoriense longifemorale</i>	10/20/2017	E	N/A	N/A	N/A	N/A	N/A
Turtle, yellow-blotched map	<i>Graptemys flavimaculata</i>	1/14/1991	T	3/15/1993	F	6	4/25/2018	No change in status
Whipsnake (=striped racer), Alameda	<i>Masticophis lateralis euryxanthus</i>	12/5/1997	T	4/7/2003	D	10	9/28/2011	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-4. Species, recovery plan, and recovery status information for listed amphibian species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Coqui, golden	Eleutherodactylus jasperii	11/11/1977	T	4/19/1984	F	3	9/30/2013	No change in status
Coqui, Llanero	Eleutherodactylus juanariveroi	10/4/2012	E	N/A	N/A	N/A	N/A	N/A
Frog, California red-legged	Rana draytonii	5/23/1996	T	5/28/2002	F	39	N/A	N/A
Frog, Chiricahua leopard	Rana chiricahuensis	6/13/2002	T	3/14/2007	F	54	1/28/2011	No change in status
Frog, dusky gopher	Rana sevosia	12/4/2001	E	9/9/2015	F	35	9/9/2015	No change in status
Frog, mountain yellow-legged (Northern California DPS)	Rana muscosa	6/30/2014	E	N/A	N/A	N/A	N/A	N/A
Frog, mountain yellow-legged (Southern California DPS)	Rana muscosa	7/2/2002	E	7/19/2018	D	N/A	7/13/2012	No change in status
Frog, Oregon spotted	Rana pretiosa	9/29/2014	T	N/A	N/A	N/A	N/A	N/A
Frog, Sierra Nevada Yellow-legged	Rana sierrae	6/30/2014	E	N/A	N/A	N/A	N/A	N/A
Guajon	Eleutherodactylus cookii	6/11/1997	T	9/24/2004	F	15	8/1/2017	No change in status
Hellbender, Ozark	Cryptobranchus alleganiensis bishopi	11/7/2011	E	N/A	N/A	N/A	N/A	N/A
Salamander, Austin blind	Eurycea waterlooensis	9/19/2013	E	8/29/2005	F	N/A	N/A	N/A
Salamander, Barton Springs	Eurycea sosorum	4/30/1997	E	8/29/2005	F	8	10/5/2006	No change in status
Salamander, California tiger (Central California DPS)	Ambystoma californiense	8/4/2004	T	6/6/2017	F	6	10/21/2014	No change in status
Salamander, California tiger (Santa Barbara County DPS)	Ambystoma californiense	1/19/2000	E	12/12/2016	F	N/A	11/14/2009	No change in status
Salamander, California tiger (Sonoma County DPS)	Ambystoma californiense	7/22/2002	E	5/31/2016	F	5	N/A	N/A
Salamander, Cheat Mountain	Plethodon nettingi	8/18/1989	T	7/25/1991	F	22	8/12/2010	No change in status
Salamander, desert slender	Batrachoseps aridus	6/4/1973	E	8/12/1982	F	18	1/31/2014	No change in status
Salamander, frosted flatwoods	Ambystoma cingulatum	4/1/1999	T	N/A	N/A	N/A	2/10/2009	No change in status
Salamander, Georgetown	Eurycea naufragia	3/26/2014	T	N/A	N/A	N/A	N/A	N/A
Salamander, Jemez Mountains	Plethodon neomexicanus	10/10/2013	E	N/A	N/A	N/A	N/A	N/A
Salamander, Jollyville Plateau	Eurycea tonkawae	9/19/2013	T	N/A	N/A	N/A	N/A	N/A
Salamander, Red Hills	Phaeognathus hubrichti	1/3/1977	T	11/23/1983	F	9	5/6/2013	No change in status
Salamander, Reticulated flatwoods	Ambystoma bishopi	2/10/2009	E	N/A	N/A	N/A	8/5/2015	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Salamander, Salado	<i>Eurycea chisholmensis</i>	3/26/2014	T	N/A	N/A	N/A	N/A	N/A
Salamander, San Marcos	<i>Eurycea nana</i>	7/14/1980	T	2/14/1996	RF(1)	26	N/A	N/A
Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	3/11/1967	E	7/2/1999	RD(2)	32	5/30/2009	No change in status
Salamander, Shenandoah	<i>Plethodon shenandoah</i>	8/18/1989	E	9/29/1994	F	9	N/A	N/A
Salamander, Sonora tiger	<i>Ambystoma tigrinum stebbinsi</i>	1/6/1997	E	9/24/2002	F	24	10/4/2007	No change in status
Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	3/11/1967	E	2/14/1996	RF(1)	26	N/A	N/A
Toad, arroyo (=arroyo southwestern)	<i>Anaxyrus californicus</i>	12/16/1994	E	7/24/1999	F	40	12/23/2015	No change in status
Toad, Houston	<i>Bufo houstonensis</i>	10/13/1970	E	9/17/1984	F	13	7/6/2018	No change in status
Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	8/4/1987	T	8/7/1992	F	16	6/21/2016	No change in status
Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	1/17/1984	E	7/16/2015	RF(1)	32	9/13/2012	No change in status
Toad, Yosemite	<i>Anaxyrus canorus</i>	6/30/2014	T	N/A	N/A	N/A	N/A	N/A
Waterdog, black warrior (=Sipsey Fork)	<i>Necturus alabamensis</i>	2/2/2018	E	4/11/2018	O	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Table A-5. Species, recovery plan, and recovery status information for listed fish species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Catfish, Yaqui	<i>Ictalurus pricei</i>	8/31/1984	T	3/29/1995	F	29	N/A	N/A
Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	10/11/1977	E	10/25/1990	RF(2)	8	8/21/2017	No change in status
Cavefish, Ozark	<i>Amblyopsis rosae</i>	11/1/1984	T	11/14/1989	F	9	9/19/2011	No change in status
Chub, bonytail	<i>Gila elegans</i>	4/23/1980	E	8/1/2002	RF(1)	46	8/30/2012	No change in status
Chub, Borax Lake	<i>Gila boraxobius</i>	5/28/1980	E	2/4/1987	F	19	8/23/2012	Downlist to T
Chub, Chihuahua	<i>Gila nigrescens</i>	10/11/1983	T	4/14/1986	F	11	1/13/2010	Uplist to E
Chub, Gila	<i>Gila intermedia</i>	11/2/2005	E	N/A	N/A	N/A	N/A	N/A
Chub, humpback	<i>Gila cypha</i>	3/11/1967	E	9/19/1990	RF(2)	33	3/19/2018	Downlist to T
Chub, Hutton tui	<i>Gila bicolor ssp.</i>	3/28/1985	T	4/27/1998	F	11	8/7/2013	No change in status
Chub, Owens Tui	<i>Gila bicolor ssp. snyderi</i>	8/5/1985	E	9/30/1998	F	25	5/28/2009	No change in status
Chub, Pahrangat roundtail	<i>Gila robusta jordani</i>	10/13/1970	E	5/26/1998	F	4	N/A	N/A
Chub, slender	<i>Erimystax cahni</i>	10/11/1977	T	7/29/1983	F	8	3/14/2014	No change in status
Chub, Sonora	<i>Gila ditaenia</i>	4/30/1986	T	9/30/1992	F	3	8/16/2013	No change in status
Chub, spotfin	<i>Erimonax monachus</i>	10/11/1977	T	11/21/1983	F	16	N/A	N/A
Chub, Virgin River	<i>Gila seminuda (=robusta)</i>	8/24/1989	E	4/19/1995	RF(2)	39	5/1/2008	No change in status
Chub, Yaqui	<i>Gila purpurea</i>	8/31/1984	E	3/29/1995	F	29	N/A	N/A
Cui-ui	<i>Chasmistes cujus</i>	3/11/1967	E	5/15/1992	RF(2)	27	N/A	N/A
Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	5/10/1982	E	9/28/1990	F	14	N/A	N/A
Dace, blackside	<i>Phoxinus cumberlandensis</i>	6/12/1987	T	8/17/1988	F	8	9/16/2015	No change in status
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	10/10/1989	E	5/12/1998	F	7	6/7/2012	No change in status
Dace, desert	<i>Eremichthys acros</i>	3/11/1967	T	5/27/1997	F	4	3/30/2012	No change in status
Dace, Foskett speckled	<i>Rhinichthys osculus ssp.</i>	3/28/1985	T	4/27/1998	F	12	10/26/2015	Delist due to recovery
Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	10/10/1989	E	5/12/1998	F	8	7/19/2013	No change in status
Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	10/13/1970	E	10/14/2015	RF(1)	16	1/30/2017	No change in status
Dace, Laurel	<i>Chrosomus saylari</i>	9/8/2011	E	11/14/2016	F	9	N/A	N/A
Dace, Moapa	<i>Moapa coriacea</i>	3/11/1967	E	5/16/1996	RF(1)	5	N/A	N/A

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Darter, amber	<i>Percina antesella</i>	8/5/1985	E	6/20/1986	F	10	10/21/2014	No change in status
Darter, bayou	<i>Etheostoma rubrum</i>	10/28/1975	T	7/10/1990	RF(1)	18	5/9/2012	No change in status
Darter, bluemark	<i>Etheostoma akatulo</i>	12/27/1993	E	7/25/1997	F	9	12/27/2013	No change in status
Darter, boulder	<i>Etheostoma wapiti</i>	9/1/1988	E	7/27/1989	F	9	10/2/2017	No change in status
Darter, Cherokee	<i>Etheostoma scotti</i>	12/20/1994	T	11/17/2000	F	29	10/21/2014	No change in status
Darter, Cumberland	<i>Etheostoma susanae</i>	9/8/2011	E	4/3/2018	D	N/A	N/A	N/A
Darter, diamond	<i>Crystallaria cincotta</i>	8/26/2013	E	N/A	N/A	N/A	N/A	N/A
Darter, duskytail	<i>Etheostoma percunrum</i>	4/27/1993	E	3/30/1994	F	11	7/27/2012	No change in status
Darter, Etowah	<i>Etheostoma etowahae</i>	12/20/1994	E	11/17/2000	F	29	10/21/2014	No change in status
Darter, fountain	<i>Etheostoma fonticola</i>	10/13/1970	E	2/14/1996	RF(1)	26	N/A	N/A
Darter, goldline	<i>Percina aurolineata</i>	4/22/1992	T	11/17/2000	F	27	5/12/2015	No change in status
Darter, Kentucky arrow	<i>Etheostoma spilotum</i>	11/4/2016	T	N/A	N/A	N/A	N/A	N/A
Darter, leopard	<i>Percina pantherina</i>	2/27/1978	T	5/3/1993	RD(1)	23	8/31/2012	No change in status
Darter, Maryland	<i>Etheostoma sellare</i>	3/11/1967	E	10/17/1985	RF(1)	17	10/5/2007	No change in status
Darter, Niangua	<i>Etheostoma nianguae</i>	6/12/1985	T	7/17/1989	F	9	3/28/2014	No change in status
Darter, Okaloosa	<i>Etheostoma okaloosae</i>	6/4/1973	T	10/26/1998	RF(1)	22	7/2/2007	Downlist to T
Darter, Pearl	<i>Percina aurora</i>	10/20/2017	T	N/A	N/A	N/A	N/A	N/A
Darter, relict	<i>Etheostoma chienense</i>	12/27/1993	E	7/31/1994	D	4	8/9/2013	No change in status
Darter, rush	<i>Etheostoma phytophilum</i>	9/8/2011	E	10/20/2011	O	N/A	N/A	N/A
Darter, slackwater	<i>Etheostoma boschungii</i>	10/11/1977	T	3/8/1984	F	11	6/24/2008	No change in status
Darter, snail	<i>Percina tanasi</i>	11/10/1975	T	5/5/1983	F	14	3/18/2013	No change in status
Darter, vermilion	<i>Etheostoma chermocki</i>	11/28/2001	E	6/20/2007	F	5	8/30/2011	No change in status
Darter, watercress	<i>Etheostoma nuchale</i>	10/13/1970	E	3/29/1993	RF(2)	12	8/28/2009	No change in status
Darter, yellowcheek	<i>Etheostoma moorei</i>	9/8/2011	E	6/15/2018	F	9	N/A	N/A
Gambusia, Big Bend	<i>Gambusia gaigei</i>	3/11/1967	E	9/19/1984	F	9	2/9/2012	No change in status
Gambusia, Clear Creek	<i>Gambusia heterochir</i>	3/11/1967	E	1/14/1982	F	3	5/7/2010	No change in status
Gambusia, Pecos	<i>Gambusia nobilis</i>	10/13/1970	E	5/9/1983	F	2	7/6/2018	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Gambusia, San Marcos	Gambusia georgei	7/14/1980	E	2/14/1996	RF(1)	27	8/3/2018	Delist due to extinction
Goby, tidewater	Eucyclogobius newberryi	2/4/1994	E	12/7/2005	F	16	3/13/2014	Downlist to T
Logperch, Conasauga	Percina jenkinsi	8/5/1985	E	6/20/1986	F	9	12/16/2011	No change in status
Logperch, Roanoke	Percina rex	8/18/1989	E	3/20/1992	F	13	9/19/2007	No change in status
Madtom, chucky	Noturus crypticus	9/8/2011	E	8/16/2018	F	N/A	N/A	N/A
Madtom, Neosho	Noturus placidus	5/22/1990	T	9/30/1991	F	19	N/A	N/A
Madtom, pygmy	Noturus stanauli	4/27/1993	E	9/27/1994	F	8	10/5/2009	No change in status
Madtom, Scioto	Noturus trautmani	10/28/1975	E	Exempt	Exempt	Exempt	11/13/2014	Delist due to extinction
Madtom, smoky	Noturus baileyi	10/26/1984	E	8/9/1985	F	9	1/27/2012	No change in status
Madtom, yellowfin	Noturus flavipinnis	10/11/1977	T	6/23/1983	F	16	2/28/2012	No change in status
Minnow, Devils River	Dionda diaboli	10/20/1999	T	8/22/2005	F	9	9/11/2008	No change in status
Minnow, loach	Tiaroga cobitis	10/28/1986	E	9/30/1991	F	27	8/31/2012	No change in status
Minnow, Rio Grande Silvery	Hybognathus amarus	7/20/1994	E	1/15/2010	RF(1)	43	7/26/2018	No change in status
Pikeminnow, Colorado	Pychocheilus lucius	3/11/1967	E	8/1/2002	RF(2)	32	8/29/2011	No change in status
Poolfish, Pahrump	Empetrichthys latos	3/11/1967	E	3/17/1980	F	32	N/A	N/A
Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	5/10/1982	E	9/28/1990	F	14	3/17/2010	No change in status
Pupfish, Comanche Springs	Cyprinodon elegans	3/11/1967	E	9/2/1981	F	12	8/23/2013	No change in status
Pupfish, desert	Cyprinodon macularius	3/31/1986	E	12/8/1993	F	11	9/30/2010	No change in status
Pupfish, Devils Hole	Cyprinodon diabolis	3/11/1967	E	9/28/1990	F	19	N/A	N/A
Pupfish, Leon Springs	Cyprinodon bovinus	8/15/1980	E	8/14/1985	F	7	8/28/2013	No change in status
Pupfish, Owens	Cyprinodon radiosus	3/11/1967	E	9/30/1998	F	20	2/4/2009	No change in status
Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	10/13/1970	E	9/28/1990	F	15	N/A	N/A
Salmon, Atlantic (Gulf of Maine DPS)	Salmo salar	6/19/2009	E	3/31/2016	RD(1)	N/A	N/A	N/A
Sculpin, Grotto	Cottus specus	10/25/2013	E	N/A	N/A	N/A	N/A	N/A
Sculpin, pygmy	Cottus paulus (=pygmaeus)	9/28/1989	T	8/6/1991	F	6	7/28/2008	No change in status
Shiner, Arkansas River	Notropis girardi	11/23/1998	T	9/12/2008	D	12	N/A	N/A
Shiner, beautiful	Cyprinella formosa	8/31/1984	T	3/29/1995	F	29	N/A	N/A

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Shiner, blue	<i>Cyprinella caerulea</i>	4/22/1992	T	8/30/1995	F	10	10/14/2014	No change in status
Shiner, Cahaba	<i>Notropis cahabae</i>	10/25/1990	E	4/23/1992	F	4	6/29/2016	No change in status
Shiner, Cape Fear	<i>Notropis mekistocholas</i>	9/25/1987	E	10/7/1988	F	10	8/22/2017	No change in status
Shiner, palezone	<i>Notropis albizonatus</i>	4/27/1993	E	7/7/1997	F	4	5/30/2014	No change in status
Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	2/20/1987	T	9/30/1992	F	15	5/25/2010	No change in status
Shiner, sharpnose	<i>Notropis oxyrhynchus</i>	8/4/2014	E	3/4/2015	O	3	N/A	N/A
Shiner, smalleye	<i>Notropis buccula</i>	8/4/2014	E	3/4/2015	O	3	N/A	N/A
Shiner, Topeka	<i>Notropis topeka (=tristis)</i>	12/15/1998	E	10/13/2017	O	N/A	1/22/2010	Downlist to T
Silverside, Waccamaw	<i>Menidia extensa</i>	4/8/1987	T	8/11/1993	F	11	2/10/2011	No change in status
Smelt, delta	<i>Hypomesus transpacificus</i>	3/5/1993	T	11/26/1996	F	23	9/13/2010	Uplist to E
Spikedace	<i>Meda fulgida</i>	7/1/1986	E	9/30/1991	F	30	8/31/2012	No change in status
Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	3/28/1985	T	1/20/1994	F	6	N/A	N/A
Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	3/11/1967	T	1/9/1998	F	31	7/3/2018	No change in status
Spinedace, White River	<i>Lepidomeda albivallis</i>	9/12/1985	E	3/28/1994	F	14	1/29/2010	No change in status
Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	9/27/1985	E	5/26/1998	F	3	12/18/2012	No change in status
Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	3/31/1986	T	3/15/1997	F	7	8/21/2009	No change in status
Springfish, White River	<i>Crenichthys baileyi baileyi</i>	9/27/1985	E	5/26/1998	F	2	12/18/2012	No change in status
Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	10/13/1970	E	12/26/1985	RF(1)	15	6/15/2009	No change in status
Sturgeon (Gulf subspecies), Atlantic	<i>Acipenser oxyrinchus (=oxyrhynchus) desotoi</i>	9/30/1991	T	9/22/1995	F	37	9/30/2009	No change in status
Sturgeon, Alabama	<i>Scaphirhynchus suttkusi</i>	5/5/2000	E	7/8/2013	F	N/A	11/9/2010	No change in status
Sturgeon, pallid	<i>Scaphirhynchus albus</i>	9/6/1990	E	1/24/2014	RF(1)	3	12/4/2014	No change in status
Sturgeon, white	<i>Acipenser transmontanus</i>	9/6/1994	E	9/30/1999	F	51	8/9/2011	No change in status
Sucker, June	<i>Chasmistes liorus</i>	3/31/1986	E	6/25/1999	F	51	N/A	N/A
Sucker, Lost River	<i>Deltistes luxatus</i>	7/18/1988	E	1/12/2013	RF(1)	17	8/22/2013	No change in status
Sucker, razorback	<i>Xyrauchen texanus</i>	10/23/1991	E	8/1/2002	RF(1)	50	8/30/2012	No change in status
Sucker, Santa Ana	<i>Catostomus santaanae</i>	4/12/2000	T	2/16/2017	F	N/A	3/10/2011	No change in status
Sucker, shortnose	<i>Chasmistes brevirostris</i>	7/18/1988	E	1/12/2013	RF(1)	17	8/22/2013	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sucker, Warner	<i>Catostomus warnerensis</i>	9/27/1985	T	4/27/1998	F	14	9/30/2010	No change in status
Sucker, Zuni bluehead	<i>Catostomus discobolus varrowi</i>	8/25/2014	E	N/A	N/A	N/A	N/A	N/A
Sunfish, spring pygmy	<i>Elassoma alabamae</i>	12/2/2013	T	N/A	N/A	N/A	N/A	N/A
Topminnow, Gila (incl. Yaqui)	<i>Poeciliopsis occidentalis</i>	3/11/1967	E	3/5/1999	RD(1)	22	N/A	N/A
Trout, Apache	<i>Oncorhynchus apache</i>	3/11/1967	T	6/30/2009	RF(2)	10	4/28/2010	No change in status
Trout, bull (lower 48 states DPS)	<i>Salvelinus confluentus</i>	6/10/1998	T	9/28/2015	F	738	11/13/2015	No change in status
Trout, Gila	<i>Oncorhynchus gilae</i>	3/11/1967	T	9/10/2003	RF(3)	14	N/A	N/A
trout, Greenback Cutthroat	<i>Oncorhynchus clarkii stomias</i>	3/11/1967	T	3/1/1998	RF(2)	35	5/27/2009	No change in status
Trout, Lahontan cutthroat	<i>Oncorhynchus clarkii henshawi</i>	10/13/1970	T	1/30/1995	F	92	3/30/2009	No change in status
Trout, Little Kern golden	<i>Oncorhynchus aguabonita whitei</i>	5/15/1978	T	Exempt	Exempt	Exempt	9/8/2011	No change in status
Trout, Paiute cutthroat	<i>Oncorhynchus clarkii seleniris</i>	3/11/1967	T	9/10/2004	RF(1)	28	6/6/2013	No change in status
Tui chub, Mohave	<i>Gila bicolor ssp. mohavensis</i>	10/13/1970	E	9/12/1984	F	31	2/4/2009	No change in status
Woundfin	<i>Plagopterus argentissimus</i>	10/13/1970	E	4/19/1995	RF(2)	39	5/1/2008	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-6. Species, recovery plan, and recovery status information for listed clam species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Acornshell, southern	Epioblasma othcaloogensis	3/17/1993	E	11/17/2000	F	27	8/20/2018	Delist due to extinction
Bankclimber, purple (mussel)	Elliptoideus sloatianus	3/16/1998	T	9/19/2003	F	26	9/17/2007	No change in status
Bean, Choctaw	Villosa choctawensis	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Bean, Cumberland (pearlymussel)	Villosa trabalis	6/14/1976	E	8/22/1984	F	16	6/21/2010	No change in status
Bean, purple	Villosa perpurpurea	1/10/1997	E	5/24/2004	F	24	10/13/2013	No change in status
Bean, rayed	Villosa fabalis	3/15/2012	E	N/A	N/A	N/A	N/A	N/A
Blossom, green (pearlymussel)	Epioblasma torulosa gubernaculum	6/14/1976	E	7/9/1984	F	4	9/20/2017	Delist due to extinction
Blossom, tubercled (pearlymussel)	Epioblasma torulosa torulosa	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Blossom, turgid (pearlymussel)	Epioblasma turgidula	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Blossom, yellow (pearlymussel)	Epioblasma florentina florentina	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Catspaw, white (pearlymussel)	Epioblasma obliquata perobliqua	6/14/1976	E	1/25/1990	F	4	2/28/2013	No change in status
Clubshell	Pleurobema clava	1/22/1993	E	9/21/1994	F	12	9/1/2009	No change in status
Clubshell, black	Pleurobema curtum	4/7/1987	E	11/14/1989	F	7	8/21/2015	No change in status
Clubshell, ovate	Pleurobema perovatum	3/17/1993	E	11/17/2000	F	27	4/7/2008	No change in status
Clubshell, southern	Pleurobema decisum	3/17/1993	E	11/17/2000	F	27	4/7/2008	No change in status
Combshell, Cumberlandian	Epioblasma brevidens	1/10/1997	E	5/24/2004	F	24	9/19/2007	No change in status
Combshell, southern	Epioblasma penita	4/7/1987	E	11/14/1989	F	7	8/21/2015	No change in status
Combshell, upland	Epioblasma metastrata	3/17/1993	E	11/17/2000	F	28	8/20/2018	Delist due to extinction
EbonysheIl, round	Fusconaia rotulata	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Elktoe, Appalachian	Alasmidonta raveneliana	11/23/1994	E	8/26/1996	F	11	8/28/2017	No change in status
Elktoe, Cumberland	Alasmidonta atropurpurea	1/10/1997	E	5/24/2004	F	24	7/16/2015	No change in status
Fanshell	Cyprogenia stegaria	6/21/1990	E	7/9/1991	F	11	N/A	N/A
Fatmucket, Arkansas	Lampsilis powellii	4/5/1990	T	2/10/1992	F	12	12/12/2013	Uplist to E
Heelsplitter, Carolina	Lasmigona decorata	6/30/1993	E	1/17/1997	F	12	6/20/2012	No change in status
Heelsplitter, Inflated	Potamilus inflatus	9/28/1990	T	4/13/1993	F	7	9/5/2018	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Higgins eye (pearlymussel)	<i>Lampsilis higginsii</i>	6/14/1976	E	5/12/2004	RF(1)	22	5/9/2006	No change in status
Hornshell, Texas	<i>Popenaias popeii</i>	3/12/2018	E	4/12/2018	O	N/A	N/A	N/A
Kidneyshell, fluted	<i>Ptychobranthus subtentum</i>	10/28/2013	E	N/A	N/A	N/A	N/A	N/A
Kidneyshell, southern	<i>Ptychobranthus jonesi</i>	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Kidneyshell, triangular	<i>Ptychobranthus greenii</i>	3/17/1993	E	11/17/2000	F	28	4/7/2008	No change in status
Lampmussel, Alabama	<i>Lampsilis virescens</i>	6/14/1976	E	7/2/1985	F	17	8/28/2012	No change in status
Lance, yellow	<i>Elliptio lanceolata</i>	5/3/2018	T	5/3/2018	O	N/A	N/A	N/A
Lilliput, pale (pearlymussel)	<i>Toxolasma cylindrellus</i>	6/14/1976	E	8/22/1984	F	14	8/31/2011	No change in status
Mapleleaf, winged	<i>Quadrula fragosa</i>	6/20/1991	E	6/25/1997	F	34	5/6/2015	No change in status
Moccasinshell, Alabama	<i>Medionidus acutissimus</i>	3/17/1993	T	11/17/2000	F	28	4/7/2008	No change in status
Moccasinshell, Coosa	<i>Medionidus parvulus</i>	3/17/1993	E	11/17/2000	F	28	4/7/2008	No change in status
Moccasinshell, Gulf	<i>Medionidus penicillatus</i>	3/16/1998	E	9/19/2003	F	25	9/17/2007	No change in status
Moccasinshell, Ochlockonee	<i>Medionidus simpsonianus</i>	3/16/1998	E	9/19/2003	F	26	9/17/2007	No change in status
Moccasinshell, Suwannee	<i>Medionidus walkeri</i>	11/7/2016	T	N/A	N/A	N/A	N/A	N/A
Monkeyface, Appalachian (pearlymussel)	<i>Quadrula sparsa</i>	6/14/1976	E	7/9/1984	F	21	N/A	N/A
Monkeyface, Cumberland (pearlymussel)	<i>Quadrula intermedia</i>	6/14/1976	E	7/9/1984	F	16	7/28/2011	No change in status
Mucket, Neosho	<i>Lampsilis rafinesqueana</i>	10/17/2013	E	8/17/2018	D	N/A	N/A	N/A
Mucket, oranegenacre	<i>Lampsilis perovalis</i>	3/17/1993	T	11/17/2000	F	27	4/7/2008	No change in status
Mucket, pink (pearlymussel)	<i>Lampsilis abrupta</i>	6/14/1976	E	1/24/1985	F	5	N/A	N/A
Mussel, oyster	<i>Epioblasma capsaeformis</i>	1/10/1997	E	5/24/2004	F	24	7/12/2011	No change in status
Mussel, scaleshell	<i>Leptodea leptodon</i>	10/9/2001	E	2/16/2010	F	21	12/10/2010	No change in status
Mussel, sheepnose	<i>Plethobasus cyphus</i>	4/12/2012	E	N/A	N/A	N/A	N/A	N/A
Mussel, snuffbox	<i>Epioblasma triquetra</i>	3/15/2012	E	N/A	N/A	N/A	N/A	N/A
Pearlshell, Alabama	<i>Margaritifera marrianae</i>	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Pearlshell, Louisiana	<i>Margaritifera hembeli</i>	2/5/1988	T	12/3/1990	F	5	9/29/2017	No change in status
Pearlymussel, birdwing	<i>Lemiox rimosus</i>	6/14/1976	E	7/9/1984	F	17	8/19/2011	No change in status
Pearlymussel, cracking	<i>Hemistena lata</i>	9/28/1989	E	7/11/1991	F	10	8/19/2011	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Pearlymussel, Curtis	Epioblasma florentina curtisii	6/14/1976	E	2/4/1986	F	8	3/2/2010	No change in status
Pearlymussel, dromedary	Dromus dromas	6/14/1976	E	7/9/1984	F	17	8/19/2011	No change in status
Pearlymussel, littlewing	Pegias fabula	11/14/1988	E	9/22/1989	F	6	11/1/2013	No change in status
Pearlymussel, slabside	Pleuroaia dolabelloides	10/28/2013	E	N/A	N/A	N/A	N/A	N/A
Pigtoe, Cumberland	Pleurobema gibberum	5/7/1991	E	8/13/1992	F	6	8/24/2015	No change in status
Pigtoe, dark	Pleurobema furvum	3/17/1993	E	11/17/2000	F	27	4/7/2008	No change in status
Pigtoe, finereyed	Fusconaia cuneolus	6/14/1976	E	9/19/1984	F	13	10/23/2013	No change in status
Pigtoe, flat	Pleurobema marshalli	4/7/1987	E	11/14/1989	F	7	9/8/2015	Delist due to extinction
Pigtoe, fuzzy	Pleurobema strodeanum	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pigtoe, Georgia	Pleurobema hanlevianum	12/2/2010	E	10/30/2014	F	N/A	N/A	N/A
Pigtoe, heavy	Pleurobema taitianum	4/7/1987	E	11/14/1989	F	7	8/21/2015	No change in status
Pigtoe, narrow	Fusconaia escambia	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pigtoe, oval	Pleurobema pyriforme	3/16/1998	E	9/19/2003	F	26	9/17/2007	No change in status
Pigtoe, rough	Pleurobema plenum	6/14/1976	E	8/6/1984	F	13	9/1/2014	No change in status
Pigtoe, shiny	Fusconaia cor	6/14/1976	E	7/9/1984	F	11	10/23/2013	No change in status
Pigtoe, southern	Pleurobema georgianum	3/17/1993	E	11/17/2000	F	28	4/7/2008	No change in status
Pigtoe, tapered	Fusconaia burkei	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pimpleback, orangefoot (pearlymussel)	Plethobasus cooperianus	6/14/1976	E	9/30/1984	F	12	4/4/2018	No change in status
Pocketbook, fat	Potamilus capax	6/14/1976	E	11/14/1989	F	10	3/30/2012	No change in status
Pocketbook, finelined	Lampsilis altilis	3/17/1993	T	11/17/2000	F	28	4/7/2008	No change in status
Pocketbook, Ouachita rock	Arkansia wheeleri	10/23/1991	E	3/30/2004	F	5	8/31/2018	No change in status
Pocketbook, shinyrayed	Lampsilis subangulata	3/16/1998	E	9/19/2003	F	26	9/17/2007	No change in status
Pocketbook, speckled	Lampsilis streckeri	2/28/1989	E	1/2/1992	F	10	3/17/2015	No change in status
Purple Cat's paw (=Purple Cat's paw pearlymussel)	Epioblasma obliquata obliquata	7/10/1990	E	3/10/1992	F	3	6/29/2015	No change in status
Rabbitsfoot	Quadrula cylindrica cylindrica	10/17/2013	T	N/A	N/A	N/A	N/A	N/A
Rabbitsfoot, rough	Quadrula cylindrica strigillata	1/10/1997	E	5/24/2004	F	24	N/A	N/A
Riffleshell, northern	Epioblasma torulosa rangiana	1/22/1993	E	9/21/1994	F	13	9/1/2009	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Riffleshell, tan	<i>Epioblasma florentina walkeri</i> (=E. walkeri)	9/26/1977	E	10/22/1984	F	12	9/26/2013	No change in status
Ring pink (mussel)	<i>Obovaria retusa</i>	9/29/1989	E	3/25/1991	F	8	8/18/2011	No change in status
Sandshell, Southern	<i>Hamiota australis</i>	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Slabshell, Chipola	<i>Elliptio chipolaensis</i>	3/16/1998	T	9/19/2003	F	25	9/17/2007	No change in status
Spectaclecase (mussel)	<i>Cumberlandia monodonta</i>	4/12/2012	E	N/A	N/A	N/A	N/A	N/A
Spinymussel, Altamaha	<i>Elliptio spinosa</i>	11/10/2011	E	12/7/2011	O	N/A	N/A	N/A
Spinymussel, James	<i>Pleurobema collina</i>	7/22/1988	E	9/24/1990	F	13	8/29/2008	No change in status
Spinymussel, Tar River	<i>Elliptio steinstansana</i>	6/27/1985	E	5/5/1992	RF(1)	13	9/10/2014	No change in status
Stirrupshell	<i>Quadrula stapes</i>	4/7/1987	E	11/14/1989	F	7	9/8/2015	Delist due to extinction
Threeridge, fat (mussel)	<i>Amblema neislerii</i>	3/16/1998	E	9/19/2003	F	25	9/17/2007	No change in status
Wartyback, white (pearlymussel)	<i>Plethobasus cicatricosus</i>	6/14/1976	E	9/19/1984	F	7	9/9/2016	No change in status
Wedgemussel, dwarf	<i>Alasmidonta heterodon</i>	3/14/1990	E	2/8/1993	F	9	4/17/2013	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-7. Species, recovery plan, and recovery status information for listed snail species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Ambersnail, Kanab	<i>Oxyloma haydeni kanabensis</i>	8/8/1991	E	10/12/1995	F	11	8/25/2011	No change in status
Campeloma, slender	<i>Campeloma decampi</i>	2/25/2000	E	N/A	N/A	N/A	8/17/2012	No change in status
Cavesnail, Tumbling Creek	<i>Antrobia culveri</i>	8/14/2002	E	9/15/2003	F	38	3/21/2014	No change in status
Elimia, lacy (snail)	<i>Elimia crenatella</i>	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Hornsnail, rough	<i>Pleurocera foremani</i>	12/2/2010	E	10/30/2014	F	N/A	N/A	N/A
Limpet, Banbury Springs	<i>Lanx sp.</i>	12/14/1992	E	11/26/1995	F	17	9/15/2006	No change in status
Lioplax, cylindrical (snail)	<i>Lioplax cyclostomaformis</i>	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Marstonia, royal (snail)	<i>Pyrgulopsis ogmorhaphe</i>	4/15/1994	E	8/11/1995	F	11	12/1/2011	No change in status
Pebblesnail, flat	<i>Lepyrium showalteri</i>	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Riversnail, Anthony's	<i>Athearnia anthonyi</i>	4/15/1994	E	8/13/1997	F	7	2/8/2018	No change in status
Rocks nail, interrupted (=Georgia)	<i>Leptoxis foremani</i>	12/2/2010	E	10/30/2014	F	N/A	N/A	N/A
Rocks nail, painted	<i>Leptoxis taeniata</i>	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Rocks nail, plicate	<i>Leptoxis plicata</i>	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Rocks nail, round	<i>Leptoxis ampla</i>	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Snail, (no common name)	<i>Ostodes strigatus</i>	10/24/2016	E	N/A	N/A	N/A	N/A	N/A
Snail, (no common name; zebrina)	<i>Eua zebrina</i>	10/24/2016	E	N/A	N/A	N/A	N/A	N/A
Snail, armored	<i>Pyrgulopsis (=Marstonia) pachyta</i>	2/25/2000	E	7/1/1994	D	N/A	9/22/2010	No change in status
Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i>	12/14/1992	T	11/26/1995	F	21	7/13/2009	No change in status
Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	8/2/1978	T	7/11/2006	RF(1)	23	11/8/2012	Uplist to E
Snail, flat-spined three-toothed	<i>Triodopsis platysavoides</i>	8/2/1978	T	5/9/1983	F	12	11/6/2007	No change in status
Snail, fragile tree	<i>Samoana fragilis</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Snail, Guam tree	<i>Partula radiolata</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Snail, Humped tree	<i>Partula gibba</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	8/2/1978	E	3/22/1984	F	11	8/21/2013	No change in status
Snail, Lanai tree	<i>Partulina variabilis</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Snail, Lanai tree (semicarinata)	<i>Partulina semicarinata</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Snail, Langford's tree	Partula langfordi	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Snail, Morro shoulderband (=Banded dune)	Helminthoglypta walkeriana	12/15/1994	E	9/28/1998	F	11	9/11/2006	Downlist to T
Snail, Newcomb's	Erinna newcombi	1/26/2000	T	9/18/2006	F	N/A	9/5/2017	No change in status
Snail, noonday	Mesodon clarki nantahala	8/2/1978	T	9/7/1984	F	14	10/28/2013	No change in status
Snail, painted snake coiled forest	Anguispira picta	8/2/1978	T	10/14/1982	F	6	7/29/2016	No change in status
Snail, Pecos assiminea	Assiminea pecos	8/9/2005	E	4/2/2018	D	N/A	12/28/2010	No change in status
Snail, Snake River physa	Physa natricina	12/14/1992	E	11/26/1995	F	14	9/5/2018	No change in status
Snail, Stock Island tree	Orthalicus reses (not incl. nesodryas)	8/2/1978	T	5/18/1999	F	28	9/11/2009	No change in status
Snail, tulotoma	Tulotoma magnifica	1/9/1991	T	11/17/2000	F	27	2/29/2008	Downlist to T
Snail, Virginia fringed mountain	Polygyriscus virginianus	8/2/1978	E	5/9/1983	F	6	1/29/2008	No change in status
Snails, Oahu tree	Achatinella spp.	2/12/1981	E	6/30/1992	F	20	9/20/2011	No change in status
Springsnail, Alamosa	Tryonia alamosae	9/30/1991	E	8/31/1994	F	6	7/26/2018	No change in status
Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	1/25/1993	E	9/30/2002	F	13	6/24/2007	No change in status
Springsnail, Chupadera	Pyrgulopsis chupaderae	8/13/2012	E	N/A	N/A	N/A	N/A	N/A
Springsnail, Koster's	Juturnia kosteri	8/9/2005	E	4/2/2018	D	N/A	12/28/2010	No change in status
Springsnail, Phantom	Pyrgulopsis texana	8/8/2013	E	N/A	N/A	N/A	N/A	N/A
Springsnail, Roswell	Pyrgulopsis roswellensis	8/9/2005	E	4/2/2018	D	N/A	12/28/2010	No change in status
springsnail, San Bernardino	Pyrgulopsis bernardina	5/17/2012	T	N/A	N/A	N/A	N/A	N/A
Springsnail, Socorro	Pyrgulopsis neomexicana	9/30/1991	E	8/31/1994	F	6	10/10/2008	No change in status
Springsnail, Three Forks	Pyrgulopsis trivialis	5/17/2012	E	N/A	N/A	N/A	N/A	N/A
Tree snail, Newcomb's	Newcombia cumingi	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Tryonia, Diamond	Pseudotryonia adamantina	7/9/2013	E	N/A	N/A	N/A	N/A	N/A
Tryonia, Gonzales	Tryonia circumstriata (=stocktonensis)	7/9/2013	E	N/A	N/A	N/A	N/A	N/A
Tryonia, Phantom	Tryonia cheatumi	7/9/2013	E	N/A	N/A	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Table A-8. Species, recovery plan, and recovery status information for listed insect species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Beetle, [no common name; exilis)	<i>Rhadine exilis</i>	12/26/2000	E	9/12/2011	F	9	8/29/2011	No change in status
Beetle, [no common name]	<i>Rhadine infernalis</i>	12/26/2000	E	9/12/2011	F	9	8/29/2011	No change in status
Beetle, American burying	<i>Nicrophorus americanus</i>	7/13/1989	E	9/27/1991	F	20	6/16/2008	No change in status
Beetle, Casey's June	<i>Dinacoma caseyi</i>	10/24/2011	E	4/1/2013	O	N/A	N/A	N/A
Beetle, Coffin Cave mold	<i>Batrisodes texanus</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, Comal Springs dryopid	<i>Strygoparnus comalensis</i>	12/18/1997	E	2/14/1996	RF(1)	25	N/A	N/A
Beetle, Comal Springs riffle	<i>Heterelmis comalensis</i>	12/18/1997	E	2/14/1996	RF(1)	27	N/A	N/A
Beetle, delta green ground	<i>Elaphrus viridis</i>	8/8/1980	T	12/15/2005	F	11	2/4/2009	No change in status
Beetle, Helotes mold	<i>Batrisodes venyivi</i>	12/26/2000	E	9/12/2011	F	7	8/29/2011	No change in status
Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	3/7/1994	E	9/27/2006	F	13	7/5/2012	No change in status
Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, Mount Hermon June	<i>Polyphylla barbata</i>	1/24/1997	E	9/28/1998	F	20	8/17/2009	No change in status
Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	8/8/1980	T	6/28/1984	F	21	9/17/2014	No change in status
Bumble bee, Rusty patched	<i>Bombus affinis</i>	3/21/2017	E	9/5/2018	O	N/A	N/A	N/A
Butterfly, Bartram's hairstreak	<i>Strymon acis bartrami</i>	9/11/2014	E	N/A	N/A	N/A	N/A	N/A
Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	9/18/1987	T	9/30/1998	F	20	8/17/2009	Uplist to E
Butterfly, Behren's silverspot	<i>Speyeria zerene behrensii</i>	12/5/1997	E	3/10/2016	F	9	7/23/2012	No change in status
Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	12/5/1997	E	N/A	N/A	N/A	8/17/2009	No change in status
Butterfly, El Segundo blue	<i>Euphilotes battoides allyni</i>	6/8/1976	E	9/28/1998	F	12	3/31/2008	No change in status
Butterfly, Fender's blue	<i>Icaricia icarioides fenderi</i>	1/25/2000	E	5/20/2010	F	22	N/A	N/A
Butterfly, Florida leafwing	<i>Anaea troglodyta floricidalis</i>	9/11/2014	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	12/14/1992	E	8/25/2003	F	72	9/17/2012	No change in status
Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	6/8/1976	E	4/25/1984	RF(1)	20	7/10/2008	No change in status
Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	6/8/1976	E	12/26/1985	F	10	12/16/2011	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Butterfly, Mariana eight-spot	<i>Hypolimnas octocula marianensis</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Mariana wandering	<i>Vagrans egistina</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Miami Blue	<i>Cyclargus (=Hemiargus) thomasi bethunebakeri</i>	4/6/2012	E	N/A	N/A	N/A	N/A	N/A
Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	6/8/1976	E	10/10/1984	F	22	2/16/2010	No change in status
Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	6/25/1991	E	4/2/1998	F	31	8/29/2014	No change in status
Butterfly, Mount Charleston blue	<i>Icaricia (Plebejus) shasta charlestonensis</i>	10/21/2013	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtilae</i>	6/22/1992	E	9/29/1998	F	10	2/4/2009	No change in status
Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	7/2/1980	T	8/22/2001	RF(1)	30	1/3/2012	Uplist to E
Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	7/2/1980	E	1/19/1984	F	25	1/9/2014	No change in status
Butterfly, Quino checkerspot	<i>Euphydryas editha quino (=E. e. wrightii)</i>	1/16/1997	E	9/17/2003	F	27	8/18/2009	No change in status
Butterfly, Saint Francis' satyr	<i>Neonympha mitchellii francisci</i>	4/18/1994	E	4/23/1996	F	7	12/26/2013	No change in status
Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	6/8/1976	E	10/10/1984	F	19	2/16/2010	No change in status
Butterfly, Schaus swallowtail	<i>Heracles aristodemus ponceanus</i>	4/28/1976	E	5/18/1999	F	45	9/23/2008	No change in status
Butterfly, Smith's blue	<i>Euphilotes enoptes smithi</i>	6/8/1976	E	11/9/1984	F	46	9/26/2006	Downlist to T
Butterfly, Uncompahgre fritillary	<i>Boloria acrocneema</i>	6/24/1991	E	3/17/1994	F	17	1/5/2010	Downlist to T
Checkerspot, Taylor's (=whulge)	<i>Euphydryas editha taylori</i>	11/4/2013	E	N/A	N/A	N/A	N/A	N/A
Damselfly, blackline Hawaiian	<i>Megalagrion nigrohamatum nigrolineatum</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Damselfly, crimson Hawaiian	<i>Megalagrion leptodemas</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Damselfly, flying earwig Hawaiian	<i>Megalagrion nesiotes</i>	7/26/2010	E	N/A	N/A	N/A	9/12/2018	No change in status
Damselfly, oceanic Hawaiian	<i>Megalagrion oceanicum</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Damselfly, orangeblack Hawaiian	<i>Megalagrion xanthomelas</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Damselfly, Pacific Hawaiian	<i>Megalagrion pacificum</i>	7/26/2010	E	N/A	N/A	N/A	9/19/2018	No change in status
Damselfly, Rota blue	<i>Ischnura luta</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	1/26/1995	E	9/27/2001	F	67	5/9/2013	No change in status
Fly, Delhi Sands flower-loving	<i>Rhaphiomidas terminatus abdominalis</i>	9/23/1993	E	9/14/1997	F	11	3/31/2008	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Fly, Hawaiian picture-wing (aglaia)	<i>Drosophila aglaia</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (differens)	<i>Drosophila differens</i>	5/9/2006	E	N/A	N/A	N/A	5/15/2018	No change in status
Fly, Hawaiian picture-wing (digressa)	<i>Drosophila digressa</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Fly, Hawaiian picture-wing (hemipeza)	<i>Drosophila hemipeza</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (heteroneura)	<i>Drosophila heteroneura</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (montgomeryi)	<i>Drosophila montgomeryi</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (mulli)	<i>Drosophila mulli</i>	5/9/2006	T	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (musaphilia)	<i>Drosophila musaphilia</i>	5/9/2006	E	N/A	N/A	N/A	9/5/2017	No change in status
Fly, Hawaiian picture-wing (neoclavisetae)	<i>Drosophila neoclavisetae</i>	5/9/2006	E	N/A	N/A	N/A	6/24/2018	No change in status
Fly, Hawaiian picture-wing (obatai)	<i>Drosophila obatai</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (ochrobasis)	<i>Drosophila ochrobasis</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (sharpi)	<i>Drosophila sharpi</i>	5/13/2010	E	N/A	N/A	N/A	9/5/2017	No change in status
Fly, Hawaiian picture-wing (substenoptera)	<i>Drosophila substenoptera</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (tarphytrichia)	<i>Drosophila tarphytrichia</i>	5/9/2006	E	N/A	N/A	N/A	8/28/2012	No change in status
Grasshopper, Zayante band-winged	<i>Trimerotropis infantilis</i>	1/24/1997	E	9/28/1998	F	19	8/17/2009	No change in status
Moth, Blackburn's sphinx	<i>Manduca blackburni</i>	2/1/2000	E	9/28/2005	F	19	7/31/2009	No change in status
Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	4/8/1980	T	2/8/1984	F	13	10/9/2007	No change in status
Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	5/20/1985	T	9/28/1990	F	12	N/A	N/A
Skipper, Carson wandering	<i>Pseudocopaodes eumus obscurus</i>	11/29/2001	E	6/14/2007	F	11	8/27/2012	No change in status
Skipper, Dakota	<i>Hesperia dacotae</i>	11/24/2014	T	N/A	N/A	N/A	N/A	N/A
Skipper, Laguna Mountains	<i>Pyrurgus ruralis lagunae</i>	1/16/1997	E	1/26/2016	D	N/A	9/24/2007	No change in status
Skipper, Pawnee montane	<i>Hesperia leonardus montana</i>	9/25/1987	T	9/21/1998	F	11	1/8/2012	No change in status
skipperling, Poweshiek	<i>Oarisma poweshiek</i>	11/24/2014	E	N/A	N/A	N/A	N/A	N/A
Tiger beetle, Miami	<i>Cicindelia floridana</i>	11/4/2016	E	N/A	N/A	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Tiger beetle, Northeastern beach	Cicindela dorsalis dorsalis	8/7/1990	T	9/29/1994	F	13	3/19/2009	Uplist to E
Tiger beetle, Ohlone	Cicindela ohlone	10/3/2001	E	9/28/1998	F	17	11/13/2009	No change in status
Tiger beetle, Puritan	Cicindela puritana	8/7/1990	T	9/29/1993	F	22	6/13/2007	Uplist to E
Tiger beetle, Salt Creek	Cicindela nevadica lincolniana	10/6/2005	E	1/3/2017	F	N/A	1/25/2016	No change in status
Yellow-faced bee, (anthricinan)	Hylaeus anthracinus	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, (assimulans)	Hylaeus assimulans	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, (hilaris)	Hylaeus hilaris	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, easy	Hylaeus facilis	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (kuakea)	Hylaeus kuakea	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (longiceps)	Hylaeus longiceps	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (mana)	Hylaeus mana	10/31/2016	E	N/A	N/A	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Table A-9. Species, recovery plan, and recovery status information for listed arachnid species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date 5 year Review Completed	5 -Year Review Status Recommendation
Harvestman, Bee Creek Cave	<i>Texella reddelli</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Harvestman, Bone Cave	<i>Texella reyesi</i>	9/16/1988	E	8/25/1994	F	18	6/28/2018	No change in status
Harvestman, Cokendolpher Cave	<i>Texella cokendolpheri</i>	12/26/2000	E	9/12/2011	F	5	8/29/2011	No change in status
Meshweaver, Braken Bat Cave	<i>Cicurina venii</i>	12/26/2000	E	9/12/2011	F	8	8/29/2011	No change in status
Meshweaver, Government Canyon Bat Cave	<i>Cicurina vespera</i>	12/26/2000	E	9/12/2011	F	7	8/29/2011	No change in status
Meshweaver, Madla's Cave	<i>Cicurina madla</i>	12/26/2000	E	9/12/2011	F	10	8/29/2011	No change in status
Meshweaver, Robber Baron Cave	<i>Cicurina baronia</i>	12/26/2000	E	9/12/2011	F	5	8/29/2011	No change in status
Pseudoscorpion, Tooth Cave	<i>Tartarocreagris texana</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Spider, Government Canyon Bat Cave	<i>Neoleptoneta microps</i>	12/26/2000	E	9/12/2011	F	7	8/29/2011	No change in status
Spider, Kauai cave wolf or pe'e pe'e maka 'ole	<i>Adelocosa anops</i>	1/14/2000	E	7/19/2006	F	11	9/5/2017	No change in status
Spider, spruce-fir moss	<i>Microhexura montivaga</i>	2/6/1995	E	9/11/1998	F	7	12/2/2014	No change in status
Spider, Tooth Cave	<i>Neoleptoneta myopica</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-10. Species, recovery plan, and recovery status information for listed crustacean species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Amphipod, diminutive	<i>Gammarus hyalleloides</i>	7/9/2013	E	N/A	N/A	N/A	N/A	N/A
Amphipod, Hay's Spring	<i>Stygobromus hayi</i>	2/5/1982	E	Exempt	Exempt	Exempt	6/18/2013	No change in status
Amphipod, Illinois cave	<i>Gammarus acherondytes</i>	9/3/1998	E	9/20/2002	F	12	9/30/2011	No change in status
Amphipod, Kauai cave	<i>Spelaeorchestia koloana</i>	1/14/2000	E	7/19/2006	F	11	9/5/2017	No change in status
Amphipod, Noel's	<i>Gammarus desperatus</i>	8/9/2005	E	4/2/2018	D	N/A	12/28/2010	No change in status
Amphipod, Peck's cave	<i>Stygobromus (=Stygonectes) pecki</i>	12/18/1997	E	2/14/1996	RF(1)	25	N/A	N/A
Amphipod, Pecos	<i>Gammarus pecos</i>	7/9/2013	E	N/A	N/A	N/A	N/A	N/A
Crayfish, Benton County cave	<i>Cambarus aculabrum</i>	4/27/1993	E	10/30/1996	F	13	5/10/2013	No change in status
Crayfish, Big Sandy	<i>Cambarus callainus</i>	5/9/2016	T	N/A	N/A	N/A	N/A	N/A
Crayfish, Guyandotte River	<i>Cambarus veteranus</i>	5/9/2016	E	N/A	N/A	N/A	N/A	N/A
Crayfish, Hell Creek Cave	<i>Cambarus zophonastes</i>	4/7/1987	E	9/26/1988	F	10	8/13/2012	No change in status
Crayfish, Nashville	<i>Orconectes shoupi</i>	9/26/1986	E	2/8/1989	RF(1)	10	2/7/2017	Downlist to T
Crayfish, Shasta	<i>Pacifastacus fortis</i>	9/30/1988	E	8/28/1998	F	51	8/17/2009	No change in status
Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	9/19/1994	E	12/15/2005	F	15	6/29/2012	No change in status
Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	9/19/1994	E	12/15/2005	F	18	6/20/2012	No change in status
Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	8/3/1993	E	9/3/1998	F	11	9/30/2008	No change in status
Fairy shrimp, San Diego	<i>Branchinecta sandiegonensis</i>	2/3/1997	E	9/3/1998	F	12	9/30/2008	No change in status
Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	9/19/1994	T	12/15/2005	F	28	9/28/2007	No change in status
Isopod, Lee County cave	<i>Lirceus usdagalun</i>	11/20/1992	E	9/30/1997	F	16	9/30/2008	No change in status
Isopod, Madison Cave	<i>Antrolana lira</i>	10/4/1982	T	9/30/1996	F	8	N/A	N/A
Isopod, Socorro	<i>Thermosphaeroma thermophilus</i>	4/26/1978	E	2/16/1982	F	8	11/24/2009	No change in status
Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	9/7/1988	E	9/4/1997	F	7	1/11/2016	No change in status
Shrimp, anchialine pool (chaceorum)	<i>Vetericaris chaceorum</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Shrimp, anchialine pool (hawaiana)	<i>Procaris hawaiana</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Shrimp, California freshwater	<i>Syncaris pacifica</i>	10/31/1988	E	7/31/1998	F	9	9/8/2011	No change in status
Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	10/12/1983	E	10/7/1988	F	5	8/29/2016	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Shrimp, Squirrel Chimney Cave	<i>Palaemonetes cummingsi</i>	6/21/1990	T	Exempt	Exempt	Exempt	7/28/2016	No change in status
Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	9/19/1994	E	12/15/2005	F	23	9/28/2007	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-11. Species, recovery plan, and recovery status information for listed flowering plant species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
`Ahinahina	<i>Argyroxiphium sandwicense</i> ssp. <i>macrocephalum</i>	5/15/1992	T	7/29/1997	F	23	8/2/2011	No change in status
`Ahinahina	<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i>	3/21/1986	E	9/30/1993	F	23	8/28/2012	No change in status
`Aiakeakua, popolo	<i>Solanum sandwicense</i>	2/25/1994	E	9/20/1995	F	37	9/17/2017	No change in status
`Aiea	<i>Nothocestrum breviflorum</i>	3/4/1994	E	9/26/1996	F	32	8/28/2012	No change in status
`Aiea	<i>Nothocestrum latifolium</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
`Aiea	<i>Nothocestrum peltatum</i>	2/25/1994	E	9/20/1995	F	32	9/16/2017	No change in status
`Akoko	<i>Euphorbia celastroides</i> var. <i>kaenana</i>	10/29/1991	E	8/10/1998	F	20	8/28/2012	No change in status
`Akoko	<i>Euphorbia deppeana</i>	3/28/1994	E	8/10/1998	F	20	8/28/2012	No change in status
`Akoko	<i>Euphorbia eleanoriae</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
`Akoko	<i>Euphorbia haelealeana</i>	10/10/1996	E	7/10/1999	F	21	9/13/2017	No change in status
`Akoko	<i>Euphorbia herbstii</i>	10/10/1996	E	8/10/1998	F	20	8/28/2012	No change in status
`Akoko	<i>Euphorbia kuwaleana</i>	10/29/1991	E	8/10/1998	F	19	8/2/2011	No change in status
`Akoko	<i>Euphorbia remyi</i> var. <i>kauaiensis</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
`Akoko	<i>Euphorbia remyi</i> var. <i>remyi</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
`Akoko	<i>Euphorbia rockii</i>	10/10/1996	E	8/10/1998	F	20	8/2/2011	No change in status
`Akoko, Ewa Plains	<i>Euphorbia skottsbergii</i> var. <i>skottsbergii</i>	8/24/1982	E	10/5/1993	D	6	8/28/2012	No change in status
`aku	<i>Cyanea tritomantha</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
`aku`aku	<i>Cyanea platyphylla</i>	10/10/1996	E	9/26/1996	F	29	8/28/2012	No change in status
`Ala `ala wai nui	<i>Peperomia subpetiolata</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
`Anaunau	<i>Lepidium arbuscula</i>	10/10/1996	E	8/10/1998	F	21	8/19/2013	No change in status
`Anunu	<i>Sicyos albus</i>	10/10/1996	E	9/26/1996	F	27	8/28/2012	No change in status
`Anunu	<i>Sicyos macrophyllus</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
`Awikiwiki	<i>Canavalia molokaiensis</i>	10/8/1992	E	9/26/1996	F	16	8/2/2011	No change in status
`Awikiwiki	<i>Canavalia napaliensis</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
`Awikiwiki	<i>Canavalia pubescens</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
`Ena`ena	<i>Pseudognaphalium sandwicense</i> var. <i>molokaiense</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
`Oha wai	<i>Clermontia drepanomorpha</i>	10/10/1996	E	9/26/1996	F	29	8/28/2012	No change in status
`Oha wai	<i>Clermontia lindseyana</i>	3/4/1994	E	9/26/1996	F	34	8/3/2015	No change in status
`Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	10/8/1992	E	9/26/1996	F	20	8/29/2011	No change in status
`Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	5/15/1992	E	7/29/1997	F	29	8/2/2011	No change in status
`Oha wai	<i>Clermontia peleana</i>	3/4/1994	E	9/26/1996	F	30	7/21/2015	No change in status
`Oha wai	<i>Clermontia pyrularia</i>	3/4/1994	E	9/26/1996	F	32	8/28/2012	No change in status
`Oha wai	<i>Clermontia samuelii</i>	9/3/1999	E	7/10/1999	F	22	8/2/2011	No change in status
`Ohe	<i>Joinvillea ascendens ascendens</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
`Ohe`ohe	<i>Polyscias gymnocarpa</i>	3/28/1994	E	8/10/1998	F	19	9/20/2011	No change in status
A`e	<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>	10/10/1996	E	9/26/1996	F	28	8/6/2015	No change in status
A`e	<i>Zanthoxylum hawaiiense</i>	3/4/1994	E	9/26/1996	F	34	8/6/2015	No change in status
A`e	<i>Zanthoxylum oahuense</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
"Akoko	<i>Euphorbia halemanui</i>	5/13/1992	E	9/20/1995	F	37	9/13/2017	No change in status
Alani	<i>Melicope adscendens</i>	12/5/1994	E	7/29/1997	F	31	6/5/2014	No change in status
Alani	<i>Melicope balloui</i>	12/5/1994	E	7/29/1997	F	24	8/2/2011	No change in status
Alani	<i>Melicope christophersenii</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Alani	<i>Melicope degeneri</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Alani	<i>Melicope haupuensis</i>	2/25/1994	E	9/20/1995	F	37	9/16/2017	No change in status
Alani	<i>Melicope hiiakae</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Alani	<i>Melicope knudsenii</i>	2/25/1994	E	9/20/1995	F	31	3/31/2014	No change in status
Alani	<i>Melicope lydgatei</i>	3/28/1994	E	8/10/1998	F	20	8/19/2013	No change in status
Alani	<i>Melicope makahae</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Alani	<i>Melicope mucronulata</i>	5/15/1992	E	7/29/1997	F	31	3/31/2014	No change in status
Alani	<i>Melicope munroi</i>	9/3/1999	E	7/10/1999	F	20	8/28/2012	No change in status
Alani	<i>Melicope ovalis</i>	12/5/1994	E	7/29/1997	F	25	8/29/2011	No change in status

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Alani	<i>Melicope pallida</i>	2/25/1994	E	9/20/1995	F	27	9/16/2017	No change in status
Alani	<i>Melicope paniculata</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Alani	<i>Melicope puberula</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Alani	<i>Melicope quadrangularis</i>	2/25/1994	E	9/20/1995	F	37	9/16/2017	No change in status
Alani	<i>Melicope reflexa</i>	10/8/1992	E	9/26/1996	F	18	8/2/2011	No change in status
Alani	<i>Melicope saint-johnii</i>	10/10/1996	E	8/10/1998	F	21	8/29/2011	No change in status
Alani	<i>Melicope zahlbruckneri</i>	10/10/1996	E	9/26/1996	F	27	8/3/2015	No change in status
Allocarya, Calistoga	<i>Plagiobothrys strictus</i>	10/22/1997	E	N/A	N/A	N/A	2/16/2010	No change in status
Alopecurus, Sonoma	<i>Alopecurus aequalis var. sonomensis</i>	10/22/1997	E	N/A	N/A	N/A	9/8/2011	No change in status
Amaranth, seabeach	<i>Amaranthus pumilus</i>	4/7/1993	T	11/12/1996	F	11	6/4/2018	No change in status
Ambrosia, San Diego	<i>Ambrosia pumila</i>	7/2/2002	E	N/A	N/A	N/A	7/15/2010	No change in status
Ambrosia, south Texas	<i>Ambrosia cheiranthifolia</i>	8/24/1994	E	8/23/2018	F	N/A	12/30/2010	No change in status
amole, purple	<i>Chlorogalum purpureum</i>	3/20/2000	T	N/A	N/A	N/A	9/29/2008	No change in status
Amphianthus, little	<i>Amphianthus pusillus</i>	2/5/1988	T	7/7/1993	F	9	9/30/2008	No change in status
Aplokating-palaoan	<i>Psychotria malaspinae</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Arrowhead, bunched	<i>Sagittaria fasciculata</i>	8/31/1979	E	9/8/1983	F	12	3/24/2014	No change in status
Aster, decurrent false	<i>Boltonia decurrens</i>	11/14/1988	T	9/28/1990	F	26	7/30/2012	No change in status
Aster, Florida golden	<i>Chrysopsis floridana</i>	5/16/1986	E	8/29/1988	F	13	5/14/2009	Downlist to T
Aster, Ruth's golden	<i>Pityopsis ruthii</i>	7/18/1985	E	6/11/1992	F	14	9/19/2018	No change in status
Aupaka	<i>Isodendron hosakae</i>	1/14/1991	E	5/23/1994	F	7	8/28/2012	No change in status
Aupaka	<i>Isodendron laurifolium</i>	10/10/1996	E	7/10/1999	F	18	9/14/2017	No change in status
Aupaka	<i>Isodendron longifolium</i>	10/10/1996	T	7/10/1999	F	19	8/2/2011	No change in status
Avens, spreading	<i>Geum radiatum</i>	4/5/1990	E	4/28/1993	F	15	3/8/2013	No change in status
Awiji	<i>Schenkia sebaeoides</i>	10/29/1991	E	7/10/1999	F	19	8/19/2013	No change in status
'Awiji	<i>Kadua cookiana</i>	2/25/1994	E	9/20/1995	F	36	8/27/2010	No change in status
Ayenia, Texas	<i>Ayenia limitaris</i>	8/24/1994	E	8/5/2016	F	N/A	6/2/2010	No change in status
Baccharis, Encinitas	<i>Baccharis vanessae</i>	10/7/1996	T	N/A	N/A	N/A	12/22/2011	No change in status

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Barbara's Buttons, Mohr's	<i>Marshallia mohrii</i>	9/7/1988	T	11/26/1991	F	10	7/21/2016	No change in status
Barberry, island	<i>Berberis pinnata ssp. insularis</i>	7/31/1997	E	9/26/2000	F	17	5/9/2013	No change in status
Barberry, Nevin's	<i>Berberis nevinii</i>	10/13/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Bariaco	<i>Trichilia triacantha</i>	2/5/1988	E	8/20/1991	F	11	7/13/2017	No change in status
Beaked-rush, Knieskern's	<i>Rhynchospora knieskernii</i>	7/18/1991	T	9/29/1993	F	15	8/31/2012	No change in status
bean, sea	<i>Mucuna sloanei var. persericea</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
beardtongue, Parachute	<i>Penstemon debilis</i>	8/26/2011	T	1/23/2013	O	N/A	N/A	N/A
Beardtongue, Penland	<i>Penstemon penlandii</i>	7/13/1989	E	9/30/1992	F	10	N/A	N/A
Beargrass, Britton's	<i>Nolina brittoniana</i>	4/27/1993	E	6/20/1996	RF(1)	23	5/10/2010	No change in status
Bear-poppy, Dwarf	<i>Arctomecon humilis</i>	12/6/1979	E	12/31/1985	F	17	9/29/2016	No change in status
Beauty, Harper's	<i>Harperocallis flava</i>	11/1/1979	E	9/14/1983	F	16	2/23/2016	No change in status
Bedstraw, El Dorado	<i>Galium californicum ssp. sierrae</i>	10/18/1996	E	8/30/2002	F	20	N/A	N/A
Bedstraw, island	<i>Galium buxifolium</i>	7/31/1997	E	9/26/2000	F	17	10/20/2009	No change in status
Bellflower, Brooksville	<i>Campanula robinsiae</i>	7/27/1989	E	6/20/1994	F	10	5/10/2010	No change in status
Birch, Virginia round-leaf	<i>Betula uber</i>	5/27/1978	T	9/24/1990	RF(2)	8	10/4/2006	No change in status
Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	7/1/1986	E	9/30/1998	F	18	6/15/2009	No change in status
Bird's-beak, Pennell's	<i>Cordylanthus tenuis ssp. capillaris</i>	2/3/1995	E	9/30/1998	F	11	9/8/2011	No change in status
Bird's-beak, salt marsh	<i>Cordylanthus maritimus ssp. maritimus</i>	10/29/1978	E	08/27/2013, 12/06/1985	F	42	8/13/2009	No change in status
Bird's-beak, soft	<i>Cordylanthus mollis ssp. mollis</i>	11/20/1997	E	8/27/2013	F	43	2/11/2009	No change in status
Birds-in-a-nest, white	<i>Macbridea alba</i>	5/8/1992	T	6/22/1994	F	8	3/10/2009	No change in status
Bittercress, small-anthered	<i>Cardamine micranthera</i>	9/21/1989	E	7/10/1991	F	8	11/25/2016	No change in status
Bladderpod, Dudley Bluffs	<i>Lesquerella congesta</i>	2/6/1990	T	8/13/1993	F	15	6/20/2008	No change in status
Bladderpod, kodachrome	<i>Lesquerella tumulosa</i>	10/6/1993	E	10/27/2009	O	N/A	N/A	N/A
Bladderpod, lyrate	<i>Lesquerella lyrata</i>	9/28/1990	T	10/17/1996	F	5	4/8/2009	No change in status
bladderpod, Missouri	<i>Physaria filiformis</i>	1/8/1987	T	4/7/1988	F	7	9/23/2015	No change in status
Bladderpod, San Bernardino Mountains	<i>Lesquerella kingii ssp. bernardina</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Bladderpod, Short's	<i>Physaria globosa</i>	8/1/2014	E	N/A	N/A	N/A	N/A	N/A

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Bladderpod, Spring Creek	<i>Lesquerella perforata</i>	12/23/1996	E	8/24/2006	F	12	10/19/2011	No change in status
Bladderpod, white	<i>Lesquerella pallida</i>	3/11/1987	E	4/13/1990	F	17	8/26/2014	No change in status
Bladderpod, White Bluffs	<i>Physaria douglasii ssp. tuplashensis</i>	5/23/2013	T	N/A	N/A	N/A	N/A	N/A
Bladderpod, Zapata	<i>Lesquerella thamnophila</i>	11/22/1999	E	7/14/2004	F	9	8/28/2015	No change in status
Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	5/20/1985	T	9/28/1990	F	5	N/A	N/A
Blazingstar, Heller's	<i>Liatis helleri</i>	11/19/1987	T	1/28/2000	RF(1)	13	8/3/2013	No change in status
Blazingstar, scrub	<i>Liatis ohlingerae</i>	7/27/1989	E	5/18/1999	F	21	8/16/2010	No change in status
Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	5/13/1992	E	9/20/1995	F	34	9/17/2017	No change in status
Bluegrass, Mann's	<i>Poa mannii</i>	11/10/1994	E	9/20/1995	F	32	9/17/2017	No change in status
Bluegrass, Napa	<i>Poa napensis</i>	10/22/1997	E	N/A	N/A	N/A	2/16/2010	No change in status
Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	10/14/1998	E	N/A	N/A	N/A	9/30/2008	No change in status
Blue-star, Kearney's	<i>Amsonia kearneyana</i>	1/19/1989	E	5/24/1993	F	11	8/15/2013	No change in status
Bluet, Roan Mountain	<i>Hedyotis purpurea var. montana</i>	4/5/1990	E	5/13/1996	F	20	9/1/2017	No change in status
Bonamia, Florida	<i>Bonamia grandiflora</i>	11/2/1987	T	6/20/1996	RF(1)	23	12/21/2017	No change in status
Boxwood, Vahl's	<i>Buxus vahlii</i>	8/13/1985	E	4/28/1987	F	12	4/19/2013	No change in status
Brickell-bush, Florida	<i>Brickellia mosieri</i>	10/6/2014	E	N/A	N/A	N/A	N/A	N/A
Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	10/14/1998	T	N/A	N/A	N/A	6/20/2012	No change in status
Brodiaea, thread-leaved	<i>Brodiaea filifolia</i>	10/13/1998	T	N/A	N/A	N/A	8/13/2009	No change in status
Buckwheat, cushionbury	<i>Eriogonum ovalifolium var. vineum</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Buckwheat, Ione (incl. Irish Hill)	<i>Eriogonum apricum (incl. var. prostratum)</i>	5/26/1999	E	N/A	N/A	N/A	8/4/2010	No change in status
Buckwheat, scrub	<i>Eriogonum longifolium var. gnaphalifolium</i>	4/27/1993	T	6/20/1996	RF(1)	22	2/27/2018	No change in status
Buckwheat, steamboat	<i>Eriogonum ovalifolium var. williamsiae</i>	7/8/1986	E	9/20/1995	F	9	4/1/2009	No change in status
Buckwheat, Umtanum Desert	<i>Eriogonum codium</i>	5/23/2013	T	N/A	N/A	N/A	N/A	N/A
Bully, Everglades	<i>Sideroxylon reclinatatum ssp. austrofloridense</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Bulrush, Northeastern	<i>Scirpus ancistrochaetus</i>	5/7/1991	E	8/25/1993	F	11	9/24/2009	Downlist to T
Bush-clover, prairie	<i>Lespedeza leptostachya</i>	1/9/1987	T	10/6/1988	F	10	N/A	N/A

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Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	9/12/1977	E	1/26/1984	F	26	7/10/2012	No change in status
Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	7/31/1997	E	9/26/2000	F	17	11/20/2012	No change in status
Buttercup, autumn	<i>Ranunculus aestivalis</i> (= <i>acriformis</i>)	7/21/1989	E	9/16/1991	F	19	1/24/2013	No change in status
Butterfly plant, Colorado	<i>Gaura neomexicana</i> var. <i>coloradensis</i>	10/18/2000	T	5/25/2010	O	N/A	12/17/2012	No change in status
Butterweed, Layne's	<i>Senecio layneae</i>	10/18/1996	T	8/30/2002	F	23	N/A	N/A
Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	7/12/1993	T	6/22/1994	F	9	4/9/2018	No change in status
Button-celery, San Diego	<i>Eryngium aristulatum</i> var. <i>parishii</i>	8/3/1993	E	9/3/1998	F	11	9/1/2010	No change in status
Cactus, Acuna	<i>Echinomastus erectocentrus</i> var. <i>acunensis</i>	10/31/2013	E	N/A	N/A	N/A	N/A	N/A
Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i>	11/26/1979	E	9/30/1984	D	N/A	N/A	N/A
Cactus, Bakersfield	<i>Opuntia treleasei</i>	7/19/1990	E	9/30/1998	F	16	9/8/2011	No change in status
Cactus, black lace	<i>Echinocereus reichenbachii</i> var. <i>albertii</i>	11/28/1979	E	3/18/1987	F	15	3/26/2009	No change in status
Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	11/26/1979	E	3/28/1985	F	14	8/31/2012	No change in status
Cactus, Chisos Mountain hedgehog	<i>Echinocereus chisoensis</i> var. <i>chisoensis</i>	9/30/1988	T	12/8/1993	F	31	7/6/2018	No change in status
Cactus, Cochise pincushion	<i>Coryphantha robbinsiorum</i>	1/9/1986	T	9/27/1993	F	7	3/20/2007	No change in status
Cactus, Colorado hookless	<i>Sclerocactus glaucus</i>	10/11/1979	T	4/14/2010	O	N/A	3/28/2008	Revision of listed entity
Cactus, Fickeisen plains	<i>Pediocactus peeblesianus</i> <i>fickeiseniae</i>	10/31/2013	E	N/A	N/A	N/A	N/A	N/A
Cactus, Florida semaphore	<i>Consolea corallicola</i>	11/25/2013	E	N/A	N/A	N/A	N/A	N/A
Cactus, Key tree	<i>Pilosocereus robinii</i>	7/19/1984	E	5/18/1999	F	35	8/27/2010	No change in status
Cactus, Knowlton's	<i>Pediocactus knowltonii</i>	11/28/1979	E	3/29/1985	F	6	2/4/2010	No change in status
Cactus, Kuenzler hedgehog	<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	11/28/1979	T	3/28/1985	F	12	1/6/2017	Downlist to T
Cactus, Lee pincushion	<i>Coryphantha sneedii</i> var. <i>leei</i>	11/26/1979	T	3/21/1986	F	13	8/25/2015	No change in status
Cactus, Lloyd's Mariposa	<i>Echinomastus mariposensis</i>	12/6/1979	T	4/13/1990	F	2	7/6/2018	No change in status
Cactus, Mesa Verde	<i>Sclerocactus mesae-verdae</i>	11/29/1979	T	3/30/1984	F	9	11/10/2010	No change in status
Cactus, Nellie cory	<i>Coryphantha minima</i>	12/8/1979	E	9/20/1984	F	1	2/10/2012	No change in status
Cactus, Nichol's Turk's head	<i>Echinocactus horizontalonius</i> var. <i>nicholii</i>	11/28/1979	E	4/14/1986	F	15	7/27/2009	No change in status

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Cactus, Pariette	<i>Sclerocactus brevispinus</i>	9/15/2009	T	4/14/2010	O	N/A	3/28/2008	Revision of listed entity
Cactus, Peebles Navajo	<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i>	11/28/1979	E	3/30/1984	F	13	8/28/2008	No change in status
Cactus, Pima pineapple	<i>Coryphantha scheeri</i> var. <i>robustispina</i>	9/23/1993	E	8/27/2018	F	N/A	8/30/2018	No change in status
Cactus, San Rafael	<i>Pediocactus despainii</i>	9/16/1987	E	2/29/2016	D	N/A	N/A	N/A
Cactus, Siler pincushion	<i>Pediocactus</i> (= <i>Echinocactus</i>, = <i>Utahia</i>) <i>sileri</i>	11/26/1979	T	4/14/1986	F	9	11/18/2008	No change in status
Cactus, Sneed pincushion	<i>Coryphantha sneedii</i> var. <i>sneedii</i>	12/7/1979	E	3/21/1986	F	13	8/25/2015	No change in status
Cactus, star	<i>Astrophytum asterias</i>	10/18/1993	E	9/19/2003	F	20	4/9/2013	No change in status
cactus, Tobusch fishhook	<i>Sclerocactus brevihatamatus</i> ssp. <i>tobuschii</i>	12/8/1979	T	3/18/1987	F	21	12/29/2016	Downlist to T
cactus, Uinta Basin hookless	<i>Sclerocactus wetlandicus</i>	9/15/2009	T	4/14/2010	O	N/A	3/28/2008	Revision of listed entity
Cactus, Winkler	<i>Pediocactus winkleri</i>	8/20/1998	T	2/29/2016	D	N/A	N/A	N/A
Cactus, Wright fishhook	<i>Sclerocactus wrightiae</i>	10/11/1979	E	12/24/1985	F	13	8/25/2008	No change in status
Campion, fringed	<i>Silene polypetala</i>	1/18/1991	E	10/1/1996	D	14	3/15/2015	No change in status
Capa rosa	<i>Callicarpa ampla</i>	4/22/1992	E	7/31/1995	F	9	9/8/2015	No change in status
Catchfly, Spalding's	<i>Silene spaldingii</i>	10/10/2001	T	10/12/2007	F	55	1/30/2009	No change in status
Cat's-eye, Terlingua Creek	<i>Cryptantha crassipes</i>	9/30/1991	E	4/5/1994	F	17	N/A	N/A
Ceanothus, coyote	<i>Ceanothus ferrisiae</i>	2/3/1995	E	9/30/1998	F	15	9/8/2011	No change in status
Ceanothus, Pine Hill	<i>Ceanothus roderickii</i>	10/18/1996	E	8/30/2002	F	19	N/A	N/A
Ceanothus, Vail Lake	<i>Ceanothus ophiophilus</i>	10/13/1998	T	N/A	N/A	N/A	6/17/2013	No change in status
Centaury, spring-loving	<i>Centaureum namophilum</i>	5/20/1985	T	9/28/1990	F	6	8/13/2009	No change in status
Chaff-flower, round-leaved	<i>Achyranthes splendens</i> var. <i>rotundata</i>	3/26/1986	E	10/5/1993	D	3	8/7/2013	No change in status
Chaffseed, American	<i>Schwalbea americana</i>	9/29/1992	E	9/29/1995	F	15	8/13/2010	No change in status
Checker-mallow, Keck's	<i>Sidalcea keckii</i>	2/16/2000	E	N/A	N/A	N/A	6/20/2012	No change in status
Checker-mallow, Kenwood Marsh	<i>Sidalcea oregana</i> ssp. <i>valida</i>	10/22/1997	E	N/A	N/A	N/A	6/15/2009	No change in status
Checker-mallow, Nelson's	<i>Sidalcea nelsoniana</i>	2/12/1993	T	5/20/2010	F	30	7/11/2012	No change in status
Checker-mallow, pedate	<i>Sidalcea pedata</i>	8/31/1984	E	7/31/1998	F	17	3/18/2011	No change in status
Checkermallow, Wenatchee Mountains	<i>Sidalcea oregana</i> var. <i>calva</i>	12/22/1999	E	9/30/2004	F	22	9/30/2011	No change in status

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Chumbo, Higo	<i>Harrisia portoricensis</i>	8/8/1990	T	11/12/1996	F	18	2/6/2018	No change in status
Chupacallos	<i>Pleodendron macranthum</i>	11/25/1994	E	9/11/1998	F	10	6/29/2014	No change in status
Clarkia, Pismo	<i>Clarkia speciosa ssp. immaculata</i>	12/15/1994	E	9/28/1998	F	N/A	8/17/2009	No change in status
Clarkia, Presidio	<i>Clarkia franciscana</i>	2/3/1995	E	9/30/1998	F	15	11/19/2010	No change in status
Clarkia, Springville	<i>Clarkia springvillensis</i>	10/14/1998	T	N/A	N/A	N/A	8/17/2009	No change in status
Clarkia, Vine Hill	<i>Clarkia imbricata</i>	10/22/1997	E	3/18/2016	F	N/A	9/8/2011	No change in status
Cliffrose, Arizona	<i>Purshia (=Cowania) subintegra</i>	5/29/1984	E	6/16/1995	F	21	8/16/2013	No change in status
Clover, Monterey	<i>Trifolium trichocalyx</i>	8/12/1998	E	8/19/2004	F	4	9/16/2009	No change in status
Clover, running buffalo	<i>Trifolium stoloniferum</i>	6/5/1987	E	6/14/2007	RF(1)	8	5/6/2011	Downlist to T
Clover, showy Indian	<i>Trifolium amoenum</i>	10/22/1997	E	N/A	N/A	N/A	6/20/2012	No change in status
Cobana negra	<i>Stahlia monosperma</i>	4/5/1990	T	11/1/1996	F	10	10/29/2014	No change in status
Coneflower, smooth	<i>Echinacea laevigata</i>	10/8/1992	E	4/18/1995	F	10	8/2/2011	Downlist to T
Cory cactus, bunched	<i>Coryphantha ramillosa</i>	12/6/1979	T	4/13/1990	F	3	7/6/2018	No change in status
Crabgrass, Florida pineland	<i>Digitaria pauciflora</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Crownbeard, big-leaved	<i>Verbesina dissita</i>	10/7/1996	T	N/A	N/A	N/A	8/6/2010	No change in status
Crownscale, San Jacinto Valley	<i>Atriplex coronata var. notatior</i>	10/13/1998	E	N/A	N/A	N/A	8/17/2012	No change in status
Cycladenia, Jones	<i>Cycladenia humilis var. jonesii</i>	5/5/1986	T	12/30/2008	O	N/A	N/A	N/A
Daisy, Lakeside	<i>Hymenoxys herbacea</i>	6/23/1988	T	9/19/1990	F	16	4/22/2016	No change in status
Daisy, Parish's	<i>Erigeron parishii</i>	8/24/1994	T	9/30/1997	D	9	8/13/2009	No change in status
Daisy, Willamette	<i>Erigeron decumbens</i>	1/25/2000	E	5/20/2010	F	31	9/30/2010	No change in status
Dawn-flower, Texas prairie	<i>Hymenoxys texana</i>	3/13/1986	E	4/13/1990	F	14	8/26/2015	No change in status
Desert-parsley, Bradshaw's	<i>Lomatium bradshawii</i>	9/30/1988	E	5/20/2010	F	30	9/24/2009	No change in status
Dogweed, ashy	<i>Thymophylla tephroleuca</i>	7/19/1984	E	7/29/1988	F	15	10/7/2011	No change in status
Dropwort, Canby's	<i>Oxypolis canbyi</i>	2/25/1986	E	4/10/1990	F	12	7/28/2015	No change in status
Dudleya, Conejo	<i>Dudleya abramsii ssp. parva</i>	1/29/1997	T	9/30/1999	F	4	3/4/2015	No change in status
Dudleya, marcescent	<i>Dudleya cymosa ssp. marcescens</i>	1/29/1997	T	9/30/1999	F	4	8/14/2009	No change in status
Dudleya, Santa Clara Valley	<i>Dudleya setchellii</i>	2/3/1995	E	9/30/1998	F	17	2/5/2013	No change in status

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Dudleya, Santa Cruz Island	<i>Dudleya nesiotica</i>	7/31/1997	T	9/26/2000	F	16	8/17/2009	No change in status
Dudleya, Santa Monica Mountains	<i>Dudleya cymosa ssp. ovatifolia</i>	1/29/1997	T	9/30/1999	F	3	11/13/2009	No change in status
Dudleya, Verity's	<i>Dudleya verityi</i>	1/29/1997	T	9/30/1999	F	4	8/17/2009	No change in status
Dwarf-flax, Marin	<i>Hesperolinon congestum</i>	2/3/1995	T	9/30/1998	F	21	9/8/2011	No change in status
Erubia	<i>Solanum drymophilum</i>	8/26/1988	E	7/9/1992	F	6	10/30/2015	No change in status
Evening-primrose, Antioch Dunes	<i>Oenothera deltoides ssp. howellii</i>	5/27/1978	E	4/25/1984	RF(1)	20	7/10/2008	No change in status
Evening-primrose, San Benito	<i>Camissonia benitensis</i>	2/12/1985	T	9/21/2006	F	18	8/17/2009	No change in status
Fescue, Guadalupe	<i>Festuca ligulata</i>	10/10/2017	E	N/A	N/A	N/A	N/A	N/A
Fiddleneck, large-flowered	<i>Amsinckia grandiflora</i>	5/8/1985	E	9/29/1997	F	23	2/4/2009	No change in status
Flannelbush, Mexican	<i>Fremontodendron mexicanum</i>	10/13/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Flannelbush, Pine Hill	<i>Fremontodendron californicum ssp. decumbens</i>	10/18/1996	E	8/30/2002	F	17	N/A	N/A
Flax, Carter's small-flowered	<i>Linum carteri carteri</i>	10/6/2014	E	N/A	N/A	N/A	N/A	N/A
Flax, sand	<i>Linum arenicola</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Fleabane, Zuni	<i>Erigeron rhizomatus</i>	4/26/1985	T	9/30/1988	F	8	9/27/2007	No change in status
Four-o'clock, MacFarlane's	<i>Mirabilis macfarlanei</i>	11/29/1979	T	6/30/2000	RF(1)	17	9/18/2015	No change in status
Fringepod, Santa Cruz Island	<i>Thysanocarpus conchuliferus</i>	7/31/1997	E	9/26/2000	F	17	8/17/2009	No change in status
Fringe-tree, pygmy	<i>Chionanthus pygmaeus</i>	1/21/1987	E	5/18/1999	F	13	8/17/2010	No change in status
Fritillary, Gentner's	<i>Fritillaria gentneri</i>	12/10/1999	E	8/28/2003	F	22	1/25/2016	No change in status
Gardenia (=Na'u), Hawaiian	<i>Gardenia brighamii</i>	8/21/1985	E	9/30/1993	F	53	6/2/2014	No change in status
Geranium, Hawaiian red-flowered	<i>Geranium arboreum</i>	5/13/1992	E	7/29/1997	F	25	8/29/2011	No change in status
Gerardia, sandplain	<i>Agalinis acuta</i>	9/7/1988	E	9/20/1989	F	17	N/A	N/A
Gilia, Hoffmann's slender-flowered	<i>Gilia tenuiflora ssp. hoffmannii</i>	7/31/1997	E	9/26/2000	F	17	7/14/2009	No change in status
Gilia, Monterey	<i>Gilia tenuiflora ssp. arenaria</i>	6/22/1992	E	9/29/1998	F	9	3/31/2008	No change in status
Glade cress, Kentucky	<i>Leavenworthia exigua laciniata</i>	6/5/2014	T	N/A	N/A	N/A	N/A	N/A
Gladecress, Fleshy-fruit	<i>Leavenworthia crassa</i>	8/1/2014	E	N/A	N/A	N/A	N/A	N/A
Gladecress, Texas golden	<i>Leavenworthia texana</i>	10/11/2013	E	N/A	N/A	N/A	N/A	N/A

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Goetzea, beautiful	<i>Goetzea elegans</i>	4/19/1985	E	4/28/1987	F	16	8/29/2013	No change in status
Goldenrod, Blue Ridge	<i>Solidago spithamea</i>	3/28/1985	T	10/28/1987	F	13	3/29/2012	No change in status
Goldenrod, Houghton's	<i>Solidago houghtonii</i>	7/18/1988	T	9/17/1997	F	28	9/12/2011	No change in status
Goldenrod, Short's	<i>Solidago shortii</i>	9/5/1985	E	5/25/1988	F	18	10/30/2017	No change in status
Goldfields, Burke's	<i>Lasthenia burkei</i>	12/2/1991	E	5/31/2016	F	15	9/30/2008	No change in status
Goldfields, Contra Costa	<i>Lasthenia conjugens</i>	6/18/1997	E	12/15/2005	F	19	2/21/2013	No change in status
Gooseberry, Miccosukee	<i>Ribes echinellum</i>	7/18/1985	T	Exempt	Exempt	Exempt	6/17/2015	No change in status
Gourd, Okeechobee	<i>Cucurbita okeechobeensis ssp. okeechobeensis</i>	7/12/1993	E	5/18/1999	F	14	9/3/2009	No change in status
Grass, Colusa	<i>Neostapfia colusana</i>	3/26/1997	T	12/15/2005	F	17	7/10/2008	No change in status
Grass, Eureka Dune	<i>Swallenia alexandrae</i>	5/27/1978	T	12/13/1982	F	35	2/27/2014	Delist due to recovery
Grass, Solano	<i>Tuctoria mucronata</i>	9/29/1978	E	12/15/2005	F	14	4/1/2009	No change in status
Grass, Tennessee yellow-eyed	<i>Xyris tennesseensis</i>	7/26/1991	E	6/24/1994	F	12	3/12/2014	No change in status
Ground-plum, Guthrie's (=Pyne's)	<i>Astragalus bibullatus</i>	9/26/1991	E	7/20/2011	F	13	10/20/2011	No change in status
Gumplant, Ash Meadows	<i>Grindelia fraxinipratensis</i>	5/20/1985	T	9/28/1990	F	6	1/10/2008	No change in status
Ha'iwale	<i>Cyrtandra crenata</i>	3/28/1994	E	8/10/1998	F	21	8/2/2011	No change in status
Ha'iwale	<i>Cyrtandra dentata</i>	10/10/1996	E	8/10/1998	F	21	8/28/2012	No change in status
Ha'iwale	<i>Cyrtandra filipes</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Ha'iwale	<i>Cyrtandra giffardii</i>	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
Ha'iwale	<i>Cyrtandra hematos</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Ha'iwale	<i>Cyrtandra kaulantha</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Ha'iwale	<i>Cyrtandra limahuliensis</i>	2/25/1994	T	9/20/1995	F	27	9/13/2017	No change in status
Ha'iwale	<i>Cyrtandra munroi</i>	5/15/1992	E	9/29/1995	F	39	8/2/2011	No change in status
Ha'iwale	<i>Cyrtandra oenobarba</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Ha'iwale	<i>Cyrtandra oxybapha</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Ha'iwale	<i>Cyrtandra polyantha</i>	3/28/1994	E	8/10/1998	F	21	8/1/2013	No change in status
Ha'iwale	<i>Cyrtandra sessilis</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Ha'iwale	<i>Cyrtandra subumbellata</i>	10/10/1996	E	8/10/1998	F	21	8/1/2013	No change in status

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Ha`iwale	<i>Cyrtandra tintinnabula</i>	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
Ha`iwale	<i>Cyrtandra viridiflora</i>	10/10/1996	E	8/10/1998	F	22	8/1/2013	No change in status
Haha	<i>Cyanea acuminata</i>	10/10/1996	E	8/10/1998	F	22	8/20/2013	No change in status
Haha	<i>Cyanea asarifolia</i>	2/25/1994	E	9/20/1995	F	39	9/13/2017	No change in status
Haha	<i>Cyanea asplenifolia</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	<i>Cyanea calycina</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Haha	<i>Cyanea copelandii ssp. copelandii</i>	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
Haha	<i>Cyanea copelandii ssp. haleakalaensis</i>	9/3/1999	E	7/10/1999	F	22	8/2/2011	No change in status
haha	<i>Cyanea crispa</i>	3/28/1994	E	8/10/1998	F	21	8/19/2013	No change in status
Haha	<i>Cyanea dolichopoda</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
haha	<i>Cyanea dunbariae</i>	10/10/1996	E	9/26/1996	F	20	3/12/2014	No change in status
haha	<i>Cyanea duvalliorum</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	<i>Cyanea eleleensis</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
haha	<i>Cyanea gibsonii</i>	9/20/1991	E	9/29/1995	F	31	3/12/2014	No change in status
Haha	<i>Cyanea glabra</i>	9/3/1999	E	7/10/1999	F	22	8/2/2011	No change in status
Haha	<i>Cyanea grimesiana ssp. grimesiana</i>	10/10/1996	E	7/10/1999	F	21	8/2/2011	No change in status
Haha	<i>Cyanea grimesiana ssp. obatae</i>	6/27/1994	E	8/10/1998	F	21	8/28/2012	No change in status
Haha	<i>Cyanea hamatiflora ssp. carlsonii</i>	3/4/1994	E	9/26/1996	F	32	8/3/2015	No change in status
Haha	<i>Cyanea hamatiflora ssp. hamatiflora</i>	9/3/1999	E	7/10/1999	F	22	3/14/2014	No change in status
Haha	<i>Cyanea humboldtiana</i>	10/10/1996	E	8/10/1998	F	22	8/2/2011	No change in status
Haha	<i>Cyanea kolekoleensis</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Haha	<i>Cyanea koolauensis</i>	10/10/1996	E	8/10/1998	F	22	8/9/2013	No change in status
Haha	<i>Cyanea kuhihewa</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Haha	<i>Cyanea kunthiana</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	<i>Cyanea lanceolata</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Haha	<i>Cyanea lobata</i>	5/15/1992	E	7/29/1997	F	27	3/12/2014	No change in status
Haha	<i>Cyanea longiflora</i>	10/10/1996	E	8/10/1998	F	23	4/8/2009	No change in status

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haha	Cyanea magnicalyx	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea mannii	10/8/1992	E	9/26/1996	F	19	8/2/2011	No change in status
haha	Cyanea maritae	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea marksii	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
haha	Cyanea mauiensis	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea mceldowneyi	5/15/1992	E	7/29/1997	F	25	6/2/2014	No change in status
haha	Cyanea munroi	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea obtusa	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea pimatifida	10/29/1991	E	8/10/1998	F	22	8/28/2012	No change in status
Haha	Cyanea procera	10/8/1992	E	9/26/1996	F	19	6/5/2014	No change in status
Haha	Cyanea profuga	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea purpurellifolia	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Haha	Cyanea recta	10/10/1996	T	9/20/1995	F	36	9/13/2017	No change in status
Haha	Cyanea remyi	10/10/1996	E	9/20/1995	F	36	9/13/2017	No change in status
Haha	Cyanea rivularis	10/10/1996	E	9/20/1995	F	35	9/13/2017	No change in status
Haha	Cyanea shipmanii	3/4/1994	E	9/26/1996	F	30	8/3/2015	No change in status
Haha	Cyanea st.-johnii	10/10/1996	E	8/10/1998	F	22	8/28/2012	No change in status
Haha	Cyanea stictophylla	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
Haha	Cyanea superba	9/11/1991	E	8/10/1998	F	23	8/28/2012	No change in status
Haha	Cyanea truncata	3/28/1994	E	8/10/1998	F	21	8/28/2012	No change in status
Haha	Cyanea undulata	9/20/1991	E	5/31/1994	F	32	9/13/2017	No change in status
haiwale	Cyrtandra ferripilosa	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Haiwale	Cyrtandra gracilis	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Haiwale	Cyrtandra paliku	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Haiwale	Cyrtandra waiolani	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Hala pepe	Pleomele fernaldii	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Hala pepe	Pleomele forbesii	10/18/2012	E	N/A	N/A	N/A	N/A	N/A

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Hala pepe	<i>Pleomele hawaiiensis</i>	10/10/1996	E	9/26/1996	F	31	8/28/2012	No change in status
halomtano, Berenghenas	<i>Solanum guamense</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Halumtano, Cebello	<i>Bulbophyllum guamense</i>	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
Harebells, Avon Park	<i>Crotalaria avonensis</i>	4/27/1993	E	5/18/1999	F	17	7/13/2007	No change in status
Harperella	<i>Ptilimnium nodosum</i>	10/28/1988	E	3/5/1991	F	23	N/A	N/A
Hau kuahiwi	<i>Hibiscadelphus giffardianus</i>	10/10/1996	E	9/26/1996	F	26	8/3/2015	No change in status
Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	10/10/1996	E	9/26/1996	F	30	8/3/2015	No change in status
Hau kuahiwi	<i>Hibiscadelphus woodii</i>	10/10/1996	E	9/20/1995	F	34	9/13/2017	No change in status
Heartleaf, dwarf-flowered	<i>Hexastylis naniflora</i>	4/14/1989	T	N/A	N/A	N/A	5/2/2011	No change in status
Heather, mountain golden	<i>Hudsonia montana</i>	10/20/1980	T	9/14/1983	F	15	1/14/2013	No change in status
Heau	<i>Exocarpos luteolus</i>	2/25/1994	E	9/20/1995	F	28	9/13/2017	No change in status
Heau	<i>Exocarpos menziesii</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Hibiscus, Clay's	<i>Hibiscus clayi</i>	2/25/1994	E	9/20/1995	F	37	9/14/2017	No change in status
Higuero de sierra	<i>Crescentia portoricensis</i>	12/4/1987	E	9/23/1991	F	14	6/16/2017	No change in status
Ho`awa	<i>Pittosporum napaliense</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
Hoawa	<i>Pittosporum halophilum</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Hoawa	<i>Pittosporum hawaiiense</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Holei	<i>Ochrosia haleakalae</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Holei	<i>Ochrosia kilaueaensis</i>	3/4/1994	E	9/26/1996	F	30	8/28/2012	No change in status
Holly, Cook's	<i>Ilex cookii</i>	6/16/1987	E	1/31/1991	F	5	8/6/2013	No change in status
Honohono	<i>Haplostachys haplostachya</i>	11/29/1979	E	9/20/1993	D	N/A	8/28/2012	No change in status
Howellia, water	<i>Howellia aquatilis</i>	7/14/1994	T	9/24/1996	D	23	8/30/2013	Delist due to recovery
Hulumoa	<i>Korthalsella degeneri</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Hypericum, highlands scrub	<i>Hypericum cumulicola</i>	1/21/1987	E	5/18/1999	F	20	9/5/2008	No change in status
Iagu, Hayun (=Guam), Tronkon guafi (Rota))	<i>Serianthes nelsonii</i>	2/18/1987	E	2/2/1994	F	36	5/23/2017	No change in status
Ihi	<i>Portulaca villosa</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Iliau, dwarf	<i>Wilkesia hobdyi</i>	6/22/1992	E	9/20/1995	F	33	9/17/2017	No change in status

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Ipomopsis, Holy Ghost	<i>Ipomopsis sancti-spiritus</i>	3/23/1994	E	9/26/2002	F	23	10/22/2008	No change in status
Iris, dwarf lake	<i>Iris lacustris</i>	9/28/1988	T	8/1/2013	F	6	8/4/2011	No change in status
Irisette, white	<i>Sisyrinchium dichotomum</i>	9/26/1991	E	4/10/1995	F	12	5/3/2013	No change in status
Ischaemum, Hilo	<i>Ischaemum byrone</i>	3/4/1994	E	9/26/1996	F	32	8/20/2015	No change in status
Ivesia, Ash Meadows	<i>Ivesia kingii var. eremica</i>	5/20/1985	T	9/28/1990	F	5	N/A	N/A
ivesia, Webber's	<i>Ivesia webberi</i>	7/3/2014	T	N/A	N/A	N/A	N/A	N/A
Jacquemontia, beach	<i>Jacquemontia reclinata</i>	11/24/1993	E	5/18/1999	F	30	5/30/2007	No change in status
Jewelflower, California	<i>Caulanthus californicus</i>	7/19/1990	E	9/30/1998	F	17	8/7/2013	No change in status
Jewelflower, Metcalf Canyon	<i>Streptanthus albidus ssp. albidus</i>	2/3/1995	E	9/30/1998	F	17	2/5/2013	No change in status
Jewelflower, Tiburon	<i>Streptanthus niger</i>	2/3/1995	E	9/30/1998	F	10	8/10/2010	No change in status
Joint-vetch, Sensitive	<i>Aeschynomene virginica</i>	5/20/1992	T	9/29/1995	F	13	9/25/2013	No change in status
Kamakahala	<i>Labordia cvrtandrae</i>	10/10/1996	E	8/10/1998	F	22	8/15/2013	No change in status
Kamakahala	<i>Labordia helleri</i>	5/13/2010	E	6/17/2010	O	N/A	9/14/2017	No change in status
Kamakahala	<i>Labordia lydgatei</i>	9/20/1991	E	5/31/1994	F	39	9/16/2017	No change in status
Kamakahala	<i>Labordia pumila</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Kamakahala	<i>Labordia tinifolia var. lanaiensis</i>	9/3/1999	E	7/10/1999	F	20	8/28/2012	No change in status
Kamakahala	<i>Labordia tinifolia var. wahiawaensis</i>	10/10/1996	E	9/20/1995	F	34	9/16/2017	No change in status
Kamakahala	<i>Labordia triflora</i>	9/3/1999	E	7/10/1999	F	21	6/2/2014	No change in status
Kamanomano	<i>Cenchrus agrimonoides</i>	10/10/1996	E	7/10/1999	F	20	3/12/2014	No change in status
Kamapua`a	<i>Kadua fluviatilis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Kauai hau kuahiwi	<i>Hibiscadelphus distans</i>	4/29/1986	E	6/5/1996	F	17	9/13/2017	No change in status
Kauila	<i>Colubrina oppositifolia</i>	3/4/1994	E	9/26/1996	F	31	7/23/2015	No change in status
Kaulu	<i>Pteralyxia kauaiensis</i>	2/25/1994	E	9/20/1995	F	29	9/17/2017	No change in status
Kaulu	<i>Pteralyxia macrocarpa</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Kio`ele	<i>Kadua coriacea</i>	5/15/1992	E	7/29/1997	F	27	8/3/2015	No change in status
Kiponapona	<i>Phyllostegia racemosa</i>	10/10/1996	E	9/26/1996	F	29	8/28/2012	No change in status
Ko`oko`olau	<i>Bidens amplexens</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A

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Ko'oko'olau	<i>Bidens campylotheca ssp. pentamera</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Ko'oko'olau	<i>Bidens campylotheca ssp. waihoiensis</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Ko'oko'olau	<i>Bidens conjuncta</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Ko'oko'olau	<i>Bidens micrantha ssp. ctenophylla</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Ko'oko'olau	<i>Bidens micrantha ssp. kalealaha</i>	5/15/1992	E	7/29/1997	F	24	8/2/2011	No change in status
Ko'oko'olau	<i>Bidens wiebkei</i>	10/8/1992	E	9/26/1996	F	18	8/2/2011	No change in status
Ko'oloa'ula	<i>Abutilon menziesii</i>	9/26/1986	E	9/29/1995	F	42	8/2/2011	No change in status
Kohe malama malama o kanaloa	<i>Kanaloa kahoalawensis</i>	9/3/1999	E	7/10/1999	F	21	3/27/2014	No change in status
Koholapehu	<i>Dubautia latifolia</i>	5/13/1992	E	9/20/1995	F	31	9/13/2017	No change in status
Koki'o	<i>Kokia drynarioides</i>	12/4/1984	E	5/6/1994	F	30	8/25/2015	No change in status
Koki'o	<i>Kokia kauaiensis</i>	10/10/1996	E	9/20/1995	F	35	9/14/2017	No change in status
Koki'o ke'oke'o	<i>Hibiscus arnottianus ssp. immaculatus</i>	10/8/1992	E	9/26/1996	F	17	8/29/2011	No change in status
Koki'o ke'oke'o	<i>Hibiscus waimeae ssp. hannerae</i>	10/10/1996	E	9/20/1995	F	34	9/14/2017	No change in status
Koki'o, Cooke's	<i>Kokia cookei</i>	11/29/1979	E	5/27/1998	F	18	3/27/2014	No change in status
Kolea	<i>Myrsine fosbergii</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Kolea	<i>Myrsine juddii</i>	10/10/1996	E	8/10/1998	F	20	8/19/2013	No change in status
Kolea	<i>Myrsine knudsenii</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Kolea	<i>Myrsine linearifolia</i>	10/10/1996	T	9/20/1995	F	23	9/16/2017	No change in status
Kolea	<i>Myrsine mezii</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Kolea	<i>Myrsine vaccinioides</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
kopa	<i>Kadua cordata remyi</i>	9/3/1999	E	7/10/1999	F	20	3/27/2014	No change in status
Kopiko	<i>Psychotria grandiflora</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
Kopiko	<i>Psychotria hexandra ssp. oahuensis</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
Kopiko	<i>Psychotria hobdyi</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
Kuahiwi laukahi	<i>Plantago hawaiensis</i>	3/4/1994	E	9/26/1996	F	30	8/28/2012	No change in status
Kuahiwi laukahi	<i>Plantago princeps</i>	11/10/1994	E	7/10/1999	F	17	8/12/2013	No change in status

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Kuawawaenuhu	<i>Schiedea lychnoides</i>	10/10/1996	E	9/20/1995	F	34	9/17/2017	No change in status
Kula wahine noho	<i>Isodendron pyriformium</i>	3/4/1994	E	9/26/1996	F	26	8/3/2015	No change in status
Kulu`i	<i>Nototrichium humile</i>	10/29/1991	E	8/10/1998	F	21	8/8/2013	No change in status
ladies-tresses, Canelo Hills	<i>Spiranthes delitescens</i>	1/6/1997	E	N/A	N/A	N/A	N/A	N/A
Ladies'-tresses, Navasota	<i>Spiranthes parksii</i>	5/6/1982	E	9/21/1984	F	4	8/26/2009	No change in status
Ladies'-tresses, Ute	<i>Spiranthes diluvialis</i>	1/17/1992	T	9/21/1995	D	16	N/A	N/A
Larkspur, Baker's	<i>Delphinium bakeri</i>	1/26/2000	E	8/3/2015	F	7	6/20/2012	No change in status
Larkspur, San Clemente Island	<i>Delphinium variegatum ssp. kinkiense</i>	9/12/1977	E	1/26/1984	F	27	3/31/2008	Downlist to T
Larkspur, yellow	<i>Delphinium luteum</i>	1/26/2000	E	N/A	N/A	N/A	9/8/2011	No change in status
Lau `ehu	<i>Panicum niihauense</i>	10/10/1996	E	7/10/1999	F	17	9/17/2017	No change in status
Laulihilihi	<i>Schiedea stellarioides</i>	10/10/1996	E	9/20/1995	F	35	9/17/2017	No change in status
Layia, beach	<i>Layia carnosa</i>	6/22/1992	E	9/29/1998	F	11	1/27/2012	Downlist to T
Lead-plant, Crenulate	<i>Amorpha crenulata</i>	7/18/1985	E	5/18/1999	F	23	9/21/2007	No change in status
Leather flower, Alabama	<i>Clematis socialis</i>	9/26/1986	E	12/27/1989	F	17	8/1/2017	No change in status
Leather flower, Morefield's	<i>Clematis morefieldii</i>	5/20/1992	E	5/3/1994	F	8	9/14/2010	No change in status
lehua makanoe	<i>Lysimachia daphnoides</i>	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
Lessingia, San Francisco	<i>Lessingia germanorum (=L.g. var. germanorum)</i>	6/19/1997	E	8/8/2003	F	14	6/20/2012	No change in status
Liliwai	<i>Acaena exigua</i>	5/15/1992	E	7/29/1997	F	32	3/11/2014	No change in status
Lily, Minnesota dwarf trout	<i>Erythronium propullans</i>	3/26/1986	E	12/16/1987	F	10	8/24/2011	No change in status
Lily, Pitkin Marsh	<i>Lilium pardalinum ssp. pitkinense</i>	10/22/1997	E	N/A	N/A	N/A	8/17/2009	No change in status
Lily, Western	<i>Lilium occidentale</i>	8/17/1994	E	3/31/1998	F	21	5/4/2009	No change in status
Liveforever, Laguna Beach	<i>Dudleya stolonifera</i>	10/13/1998	T	N/A	N/A	N/A	4/16/2010	No change in status
Liveforever, Santa Barbara Island	<i>Dudleya traskiae</i>	5/27/1978	E	6/27/1985	F	11	8/24/2012	No change in status
Lo`ulu	<i>Pritchardia hardyi</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
Lo`ulu	<i>Pritchardia kaalae</i>	10/10/1996	E	8/10/1998	F	22	8/12/2013	No change in status
Lo`ulu	<i>Pritchardia lanigera</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Lo`ulu	<i>Pritchardia maideniana</i>	3/4/1994	E	9/26/1996	F	32	8/28/2012	No change in status

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Lo`ulu	<i>Pritchardia munroi</i>	10/8/1992	E	9/26/1996	F	20	6/5/2014	No change in status
Lo`ulu	<i>Pritchardia napaliensis</i>	10/10/1996	E	9/20/1995	F	35	9/17/2017	No change in status
Lo`ulu	<i>Pritchardia remota</i>	8/21/1996	E	3/31/1998	F	24	9/17/2017	No change in status
Lo`ulu	<i>Pritchardia schattaueri</i>	10/10/1996	E	9/26/1996	F	29	8/6/2015	No change in status
Lo`ulu	<i>Pritchardia viscosa</i>	10/10/1996	E	9/20/1995	F	35	9/17/2017	No change in status
Locoweed, Fassett's	<i>Oxytropis campestris var. chartacea</i>	9/28/1988	T	3/29/1991	F	6	6/19/2013	No change in status
Lomatium, Cook's	<i>Lomatium cookii</i>	11/7/2002	E	11/6/2012	F	37	9/27/2011	No change in status
Loosestrife, rough-leaved	<i>Lysimachia asperulaefolia</i>	6/12/1987	E	4/19/1995	F	14	11/16/2014	No change in status
Lotus, San Clemente Island	<i>Acmispon dendroideus var. traskiae (=Lotus d. ssp. traskiae)</i>	9/12/1977	T	1/26/1984	F	26	7/26/2013	Downlist to T
Loulu, Baker's	<i>Pritchardia bakeri</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Lousewort, Furbish	<i>Pedicularis furbishiae</i>	5/27/1978	E	7/2/1991	RF(1)	13	4/9/2007	Downlist to T
Love grass, Fosberg's	<i>Eragrostis fosbergii</i>	10/10/1996	E	8/10/1998	F	21	8/2/2011	No change in status
Lupine, clover	<i>Lupinus tidestromii</i>	6/22/1992	E	9/29/1998	F	9	2/16/2010	No change in status
Lupine, Kincaid's	<i>Lupinus sulphureus ssp. kincaidii</i>	1/25/2000	T	5/20/2010	F	36	9/29/2010	No change in status
Lupine, Nipomo Mesa	<i>Lupinus nipomensis</i>	3/20/2000	E	N/A	N/A	N/A	10/19/2009	No change in status
Lupine, scrub	<i>Lupinus aridorum</i>	4/7/1987	E	6/20/1996	RF(1)	25	11/30/2016	No change in status
Ma`o hau hele, (=native yellow hibiscus)	<i>Hibiscus brackenridgei</i>	11/10/1994	E	7/10/1999	F	21	8/19/2013	No change in status
Ma`oli`oli	<i>Schiedea apokremnos</i>	9/30/1991	E	9/20/1995	F	28	9/17/2017	No change in status
Ma`oli`oli	<i>Schiedea hawaiiensis</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
Ma`oli`oli	<i>Schiedea kealiae</i>	10/10/1996	E	8/10/1998	F	20	8/13/2013	No change in status
Ma`oli`oli	<i>Schiedea pubescens</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Mahoe	<i>Alectryon macrococcus</i>	5/15/1992	E	7/29/1997	F	8	8/7/2013	No change in status
Makou	<i>Peucedanum sandwicense</i>	2/25/1994	T	9/20/1995	F	27	8/28/2012	No change in status
Makou	<i>Ranunculus hawaiiensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Makou	<i>Ranunculus mauiensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Malacothrix, island	<i>Malacothrix squalida</i>	7/31/1997	E	9/26/2000	F	17	8/30/2010	No change in status
Malacothrix, Santa Cruz Island	<i>Malacothrix indecora</i>	7/31/1997	E	9/26/2000	F	16	8/30/2010	No change in status

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mallow, Gierisch	Sphaeralcea gierischii	9/12/2013	E	N/A	N/A	N/A	N/A	N/A
Mallow, Kern	Eremalche kernensis	7/19/1990	E	9/30/1998	F	12	8/7/2013	No change in status
Mallow, Peter's Mountain	Iliamna corei	5/12/1986	E	9/28/1990	F	11	10/23/2008	No change in status
Manaca, palma de	Calyptronoma rivalis	2/6/1990	T	6/25/1992	F	13	5/24/2016	No change in status
Manioc, Walker's	Manihot walkerae	10/2/1991	E	12/12/1993	F	20	6/4/2009	No change in status
Manzanita, Del Mar	Arctostaphylos glandulosa ssp. crassifolia	10/7/1996	E	N/A	N/A	N/A	8/13/2010	No change in status
Manzanita, Franciscan	Arctostaphylos franciscana	10/5/2012	E	2/13/2013	O	N/A	N/A	N/A
Manzanita, Ione	Arctostaphylos myrtifolia	5/26/1999	T	N/A	N/A	N/A	8/6/2010	Uplist to E
Manzanita, Morro	Arctostaphylos morroensis	12/15/1994	T	9/28/1998	F	9	3/31/2008	No change in status
Manzanita, pallid	Arctostaphylos pallida	4/22/1998	T	7/27/2015	F	1	4/29/2011	Uplist to E
Manzanita, Presidio	Arctostaphylos hookeri var. ravenii	11/29/1979	E	8/8/2003	F	18	6/20/2012	No change in status
Manzanita, Santa Rosa Island	Arctostaphylos confertiflora	7/31/1997	E	9/26/2000	F	15	7/30/2014	No change in status
Mapele	Cyrtondra cyaneoides	10/10/1996	E	9/20/1995	F	35	9/13/2017	No change in status
Mariposa lily, Tiburon	Calochortus tiburonensis	2/3/1995	T	9/30/1998	F	11	9/8/2011	No change in status
Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	6/8/1992	E	12/15/2005	F	19	7/10/2008	No change in status
meadowfoam, large-flowered woolly	Limnanthes pumila ssp. grandiflora	11/7/2002	E	11/6/2012	F	35	9/27/2011	No change in status
Meadowfoam, Sebastopol	Limnanthes vinculans	12/2/1991	E	5/31/2016	F	13	9/30/2008	No change in status
Meadowrue, Cooley's	Thalictrum cooleyi	2/7/1989	E	4/21/1994	F	16	1/8/2009	No change in status
Mehamehame	Flueggea neowawraea	11/10/1994	E	7/10/1999	F	21	8/9/2013	No change in status
Mesa-mint, Otay	Pogogyne nudiuscula	8/3/1993	E	9/3/1998	F	9	9/1/2010	No change in status
Mesa-mint, San Diego	Pogogyne abramsii	10/29/1978	E	9/3/1998	F	9	9/1/2010	No change in status
Milkpea, Small's	Galactia smallii	7/18/1985	E	5/18/1999	F	17	7/15/2010	No change in status
Milk-vetch, Applegate's	Astragalus applegatei	7/28/1993	E	4/10/1998	F	19	2/4/2009	No change in status
Milk-vetch, Ash meadows	Astragalus phoenix	5/20/1985	T	9/28/1990	F	6	8/13/2009	No change in status
Milk-vetch, Braunton's	Astragalus brauntonii	1/29/1997	E	9/30/1999	F	5	2/4/2009	No change in status
Milk-vetch, Clara Hunt's	Astragalus clarianus	10/22/1997	E	N/A	N/A	N/A	8/17/2009	No change in status

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Milk-vetch, Coachella Valley	<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	10/6/1998	E	N/A	N/A	N/A	9/1/2009	No change in status
Milk-vetch, coastal dunes	<i>Astragalus tener</i> var. <i>titi</i>	8/12/1998	E	8/19/2004	F	2	2/4/2009	No change in status
Milk-vetch, Cushenbury	<i>Astragalus albens</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Milkvetch, Deseret	<i>Astragalus desereticus</i>	10/20/1999	T	N/A	N/A	N/A	8/16/2011	Delist due to error
Milk-vetch, Fish Slough	<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	10/6/1998	T	9/30/1998	F	16	2/4/2009	No change in status
Milk-vetch, heliotrope	<i>Astragalus montii</i>	11/6/1987	T	9/27/1995	D	5	N/A	N/A
Milk-vetch, Holmgren	<i>Astragalus holmgreniorum</i>	9/28/2001	E	9/22/2006	F	33	4/21/2007	No change in status
Milk-vetch, Jesup's	<i>Astragalus robbinsii</i> var. <i>jesupi</i>	6/5/1987	E	11/21/1989	F	13	9/11/2009	No change in status
Milk-vetch, Lane Mountain	<i>Astragalus jaegerianus</i>	10/6/1998	E	N/A	N/A	N/A	5/20/2014	No change in status
Milk-vetch, Mancos	<i>Astragalus humillimus</i>	6/27/1985	E	12/20/1989	F	13	8/22/2011	No change in status
milkvetch, Osterhout	<i>Astragalus osterhoutii</i>	7/13/1989	E	9/30/1992	F	10	N/A	N/A
Milk-vetch, Peirson's	<i>Astragalus magdalenae</i> var. <i>peirsonii</i>	10/6/1998	T	N/A	N/A	N/A	9/30/2008	No change in status
Milk-vetch, Sentry	<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>	12/5/1990	E	9/28/2006	F	22	7/3/2018	No change in status
Milk-vetch, Shivwits	<i>Astragalus ampullarioides</i>	9/28/2001	E	9/22/2006	F	35	4/21/2007	No change in status
Milk-vetch, triple-ribbed	<i>Astragalus tricarinatus</i>	10/6/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Milk-vetch, Ventura Marsh	<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	5/21/2001	E	N/A	N/A	N/A	6/1/2010	No change in status
Milkweed, Mead's	<i>Asclepias meadii</i>	9/1/1988	T	9/16/2003	F	25	11/28/2012	No change in status
Milkweed, Welsh's	<i>Asclepias welshii</i>	10/28/1987	T	9/30/1992	F	13	12/11/2015	No change in status
Mint, Garrett's	<i>Dicerandra christmanii</i>	11/1/1985	E	5/18/1999	F	22	9/3/2009	No change in status
Mint, Lakela's	<i>Dicerandra immaculata</i>	5/15/1985	E	5/18/1999	F	25	9/25/2008	No change in status
Mint, longspurred	<i>Dicerandra cornutissima</i>	11/1/1985	E	7/1/1987	F	16	6/5/2018	No change in status
Mint, scrub	<i>Dicerandra frutescens</i>	11/1/1985	E	5/18/1999	F	24	8/6/2009	No change in status
Monardella, willow	<i>Monardella viminea</i>	10/13/1998	E	N/A	N/A	N/A	8/3/2012	No change in status
monkey-flower, Michigan	<i>Mimulus michiganensis</i>	6/21/1990	E	9/17/1997	F	17	5/18/2011	No change in status
Monkeyflower, Vandenberg	<i>Diplacus vandenbergensis</i>	9/25/2014	E	N/A	N/A	N/A	N/A	N/A
Monkshood, northern wild	<i>Aconitum noveboracense</i>	5/27/1978	T	9/23/1983	F	23	N/A	N/A

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Morning-glory, Stebbins'	<i>Calystegia stebbinsii</i>	10/18/1996	E	8/30/2002	F	16	N/A	N/A
Mountainbalm, Indian Knob	<i>Eriodictyon altissimum</i>	12/15/1994	E	9/28/1998	F	8	12/11/2013	No change in status
Mountain-mahogany, Catalina Island	<i>Cercocarpus traskiae</i>	8/8/1997	E	N/A	N/A	N/A	9/24/2007	No change in status
Mustard, Carter's	<i>Warea carteri</i>	1/21/1987	E	5/18/1999	F	23	9/15/2008	No change in status
Mustard, Penland alpine fen	<i>Eutrema penlandii</i>	7/28/1993	T	8/31/1993	O	N/A	1/31/2018	No change in status
Mustard, slender-petaled	<i>Thelypodium stenopetalum</i>	8/31/1984	E	7/31/1998	F	17	3/10/2011	No change in status
Na`ena`e	<i>Dubautia herbstobatae</i>	10/29/1991	E	8/10/1998	F	21	8/1/2013	No change in status
Na`ena`e	<i>Dubautia imbricata ssp. imbricata</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Na`ena`e	<i>Dubautia pauciflora</i>	9/20/1991	E	5/31/1994	F	30	9/13/2017	No change in status
Na`ena`e	<i>Dubautia plantaginea ssp. humilis</i>	9/3/1999	E	7/10/1999	F	19	6/2/2014	No change in status
Na`ena`e	<i>Dubautia plantaginea ssp. magnifolia</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Na`ena`e	<i>Dubautia waialealae</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Naenae	<i>Dubautia kalalauensis</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Naenae	<i>Dubautia kenwoodii</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Nani wai`ale`ale	<i>Viola kauaiensis var. wahiawaensis</i>	10/10/1996	E	9/20/1995	F	34	9/17/2017	No change in status
Nanu	<i>Gardenia mannii</i>	10/10/1996	E	8/10/1998	F	23	8/5/2013	No change in status
Nanu	<i>Gardenia remyi</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Naupaka, dwarf	<i>Scaevola coriacea</i>	5/16/1986	E	7/29/1997	F	30	6/5/2014	No change in status
Navarretia, few-flowered	<i>Navarretia leucocephala ssp. pauciflora (=N. pauciflora)</i>	6/18/1997	E	12/15/2005	F	17	7/10/2008	No change in status
Navarretia, many-flowered	<i>Navarretia leucocephala ssp. plieantha</i>	6/18/1997	E	12/15/2005	F	15	2/4/2009	No change in status
Navarretia, spreading	<i>Navarretia fossalis</i>	10/13/1998	T	9/3/1998	F	11	8/10/2009	No change in status
Nehe	<i>Lipochaeta fauriei</i>	2/25/1994	E	9/20/1995	F	38	9/16/2017	No change in status
Nehe	<i>Lipochaeta lobata var. leptophylla</i>	10/29/1991	E	8/10/1998	F	20	8/2/2011	No change in status
Nehe	<i>Lipochaeta micrantha</i>	2/25/1994	E	9/20/1995	F	8	9/16/2017	No change in status
Nehe	<i>Lipochaeta waimeaensis</i>	2/25/1994	E	9/20/1995	F	37	9/16/2017	No change in status
Nehe	<i>Melanthera kamolensis</i>	5/15/1992	E	7/29/1997	F	30	3/27/2014	No change in status

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Nehe	<i>Melanthera tenuifolia</i>	10/29/1991	E	8/10/1998	F	20	8/2/2011	No change in status
Nioi	<i>Eugenia koolauensis</i>	3/28/1994	E	8/10/1998	F	20	8/19/2013	No change in status
Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	5/20/1985	E	9/28/1990	F	6	1/10/2008	No change in status
No common name	<i>Abutilon eremitopetalum</i>	9/20/1991	E	9/29/1995	F	38	3/11/2014	No change in status
No common name	<i>Abutilon sandwicense</i>	10/29/1991	E	8/10/1998	F	22	8/2/2011	No change in status
No common name	<i>Achyranthes mutica</i>	10/10/1996	E	7/10/1999	F	17	6/25/2015	No change in status
No common name	<i>Agave eggersiana</i>	10/9/2014	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Amaranthus brownii</i>	8/21/1996	E	3/31/1998	F	19	9/8/2017	No change in status
No common name	<i>Aristida chaseae</i>	4/27/1993	E	7/31/1995	F	15	12/2/2010	No change in status
No common name	<i>Auerodendron pauciflorum</i>	3/2/1994	E	9/29/1997	F	6	7/13/2017	No change in status
No common name	<i>Bidens hillebrandiana ssp. hillebrandiana</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Bonamia menziesii</i>	11/10/1994	E	7/10/1999	F	19	8/19/2013	No change in status
No common name	<i>Calyptranthes thomasiana</i>	2/18/1994	E	9/30/1997	F	4	9/22/2013	No change in status
No common name	<i>Catesbaea melanocarpa</i>	3/17/1999	E	8/18/2005	F	16	9/25/2018	No change in status
No common name	<i>Chamaecrista glandulosa var. mirabilis</i>	4/5/1990	E	5/12/1994	F	4	1/7/2015	No change in status
No common name	<i>Cordia bellonis</i>	1/10/1997	E	10/1/1999	F	13	6/13/2017	Downlist to T
No common name	<i>Cranichis ricartii</i>	11/29/1991	E	7/15/1996	F	5	6/16/2016	No change in status
No common name	<i>Cvanea kauaulaensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Cyperus fauriei</i>	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
No common name	<i>Cyperus neokunthianus</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Cyperus pennatiformis</i>	11/10/1994	E	7/10/1999	F	18	7/30/2013	No change in status
No common name	<i>Cyrtandra nanawaleensis</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Cyrtandra wagneri</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Daphnopsis hellerana</i>	6/23/1988	E	8/7/1992	F	11	7/19/2013	No change in status
No common name	<i>Delissea rhytidosperma</i>	2/25/1994	E	9/20/1995	F	38	9/13/2017	No change in status
No common name	<i>Delissea undulata</i>	10/10/1996	E	9/26/1996	F	31	8/28/2012	No change in status
No common name	<i>Dendrobium guamense</i>	11/2/2015	T	N/A	N/A	N/A	N/A	N/A

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No common name	<i>Eugenia bryanii</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Eugenia woodburyana</i>	9/9/1994	E	10/6/1998	F	18	5/7/2017	Downlist to T
No common name	<i>Festuca hawaiiensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Festuca molokaiensis</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Geocarpon minimum</i>	6/16/1987	T	7/26/1993	F	9	7/20/2016	No change in status
No common name	<i>Gesneria pauciflora</i>	3/7/1995	T	10/6/1998	F	11	4/24/2013	No change in status
No common name	<i>Gonocalyx concolor</i>	10/9/2014	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Gouania hillebrandii</i>	11/9/1984	E	7/16/1990	F	23	8/2/2011	No change in status
No common name	<i>Gouania meyenii</i>	10/29/1991	E	8/10/1998	F	20	9/13/2017	No change in status
No common name	<i>Gouania vitifolia</i>	6/27/1994	E	8/10/1998	F	20	8/28/2012	No change in status
No common name	<i>Hesperomannia arborescens</i>	3/28/1994	E	8/10/1998	F	21	8/7/2013	No change in status
No common name	<i>Hesperomannia arbuscula</i>	10/29/1991	E	8/10/1998	F	20	8/15/2013	No change in status
No common name	<i>Hesperomannia lydgatei</i>	9/20/1991	E	5/31/1994	F	39	9/13/2017	No change in status
No common name	<i>Ilex sintenisii</i>	4/22/1992	E	7/31/1995	F	9	9/8/2015	No change in status
No common name	<i>Kadua degeneri</i>	10/29/1991	E	8/10/1998	F	19	8/28/2012	No change in status
No common name	<i>Kadua haupuensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Kadua parvula</i>	10/29/1991	E	8/10/1998	F	21	8/12/2013	No change in status
No common name	<i>Kadua st.-johnii</i>	9/30/1991	E	9/20/1995	F	33	9/14/2017	No change in status
No common name	<i>Keysseria (=Lagenifera) erici</i>	5/13/2010	E	6/17/2010	O	N/A	9/14/2017	No change in status
No common name	<i>Keysseria (=Lagenifera) helenae</i>	5/13/2010	E	6/17/2010	O	N/A	9/14/2017	No change in status
No common name	<i>Labordia lorenciana</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Lepanthes eltoroensis</i>	11/29/1991	E	7/15/1996	F	5	8/24/2015	No change in status
No common name	<i>Lepidium orbiculare</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Leptocereus grantianus</i>	2/26/1993	E	7/26/1995	F	15	1/19/2015	No change in status
No common name	<i>Lipochaeta venosa</i>	11/29/1979	E	5/23/1994	F	9	8/28/2012	No change in status
No common name	<i>Lobelia koolauensis</i>	10/10/1996	E	8/10/1998	F	22	8/19/2013	No change in status
No common name	<i>Lobelia monostachya</i>	10/10/1996	E	8/10/1998	F	20	8/5/2013	No change in status

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No common name	Lobelia nihauensis	10/29/1991	E	8/10/1998	F	23	9/16/2017	No change in status
No common name	Lobelia oahuensis	3/28/1994	E	8/10/1998	F	21	8/2/2011	No change in status
No common name	Lyonia truncata var. proctorii	4/27/1993	E	7/31/1995	F	12	12/2/2010	No change in status
No common name	Lysimachia filifolia	2/25/1994	E	9/20/1995	F	36	9/16/2017	No change in status
No common name	Lysimachia iniki	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
No common name	Lysimachia lydgatei	5/15/1992	E	7/29/1997	F	30	8/2/2011	No change in status
No common name	Lysimachia maxima	10/10/1996	E	9/26/1996	F	18	3/31/2014	No change in status
No common name	Lysimachia pendens	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
No common name	Lysimachia scopulensis	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
No common name	Lysimachia venosa	5/13/2010	E	6/17/2010	O	N/A	9/16/2017	No change in status
No common name	Maesa walkeri	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
No common name	Mitracarpus maxwelliae	9/9/1994	E	10/6/1998	F	15	4/4/2018	No change in status
No common name	Mitracarpus polycladus	9/9/1994	E	10/6/1998	F	15	9/25/2018	Downlist to T
No common name	Myrcia paganii	2/18/1994	E	9/29/1997	F	6	6/16/2016	No change in status
No common name	Neraudia angulata	10/29/1991	E	8/10/1998	F	21	8/9/2013	No change in status
No common name	Neraudia ovata	10/10/1996	E	9/26/1996	F	31	8/3/2015	No change in status
No common name	Neraudia sericea	11/10/1994	E	7/10/1999	F	18	8/28/2012	No change in status
No common name	Nervilia jacksoniae	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
No common name	Nesogenes rotensis	4/8/2004	E	5/3/2007	F	4	5/23/2017	No change in status
No common name	Osmoxylon mariannense	4/8/2004	E	5/3/2007	F	4	5/23/2017	No change in status
No common name	Phyllanthus saffordii	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
No common name	Phyllostegia bracteata	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	Phyllostegia brevidens	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	Phyllostegia floribunda	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	Phyllostegia glabra var. lanaiensis	9/20/1991	E	9/29/1995	F	34	8/28/2012	No change in status
No common name	Phyllostegia haliakalae	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	Phyllostegia helleri	10/31/2016	E	N/A	N/A	N/A	N/A	N/A

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No common name	<i>Phyllostegia hirsuta</i>	10/10/1996	E	8/10/1998	F	20	8/7/2013	No change in status
No common name	<i>Phyllostegia hispida</i>	3/17/2009	E	9/26/1996	F	23	6/2/2014	No change in status
No common name	<i>Phyllostegia kaalaensis</i>	10/10/1996	E	8/10/1998	F	20	8/12/2013	No change in status
No common name	<i>Phyllostegia knudsenii</i>	10/10/1996	E	9/20/1995	F	34	9/17/2017	No change in status
No common name	<i>Phyllostegia mannii</i>	10/8/1992	E	9/26/1996	F	19	8/2/2011	No change in status
No common name	<i>Phyllostegia mollis</i>	10/29/1991	E	8/10/1998	F	19	8/12/2013	No change in status
No common name	<i>Phyllostegia parviflora</i>	10/10/1996	E	7/10/1999	F	20	8/6/2015	No change in status
No common name	<i>Phyllostegia pilosa</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Phyllostegia renovans</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
No common name	<i>Phyllostegia stachyoides</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Phyllostegia velutina</i>	10/10/1996	E	9/26/1996	F	30	8/28/2012	No change in status
No common name	<i>Phyllostegia waimeae</i>	2/25/1994	E	9/20/1995	F	37	9/17/2017	No change in status
No common name	<i>Phyllostegia warshaueri</i>	10/10/1996	E	9/26/1996	F	28	8/28/2012	No change in status
No common name	<i>Phyllostegia wawrana</i>	10/10/1996	E	9/20/1995	F	34	9/17/2017	No change in status
No common name	<i>Platanthera holochila</i>	10/10/1996	E	7/10/1999	F	19	3/31/2014	No change in status
No common name	<i>Platydesma cornuta var. cornuta</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Platydesma cornuta var. decurrens</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Platydesma remyi</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Poa siphonoglossa</i>	5/13/1992	E	9/20/1995	F	37	9/17/2017	No change in status
No common name	<i>Polyscias bisattenuata</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
No common name	<i>Polyscias flynnii</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
No common name	<i>Polyscias lydgatei</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Polyscias racemosa</i>	2/25/1994	E	9/20/1995	F	29	9/17/2017	No change in status
No common name	<i>Remya kauaiensis</i>	1/14/1991	E	9/20/1995	F	28	9/17/2017	No change in status
No common name	<i>Remya montgomeryi</i>	1/14/1991	E	9/20/1995	F	38	9/17/2017	No change in status
No common name	<i>Sanicula mariversa</i>	10/29/1991	E	8/10/1998	F	21	8/22/2013	No change in status
No common name	<i>Sanicula purpurea</i>	10/10/1996	E	7/10/1999	F	18	8/2/2011	No change in status

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No common name	<i>Sanicula sandwicensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Santalum involutum</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea attenuata</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
No common name	<i>Schiedea diffusa ssp. macraei</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea diffusa subsp. diffusa</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea haleakalensis</i>	5/15/1992	E	7/29/1997	F	30	9/20/2011	No change in status
No common name	<i>Schiedea helleri</i>	10/10/1996	E	9/20/1995	F	35	9/17/2017	No change in status
No common name	<i>Schiedea hookeri</i>	10/10/1996	E	7/10/1999	F	19	9/20/2011	No change in status
No common name	<i>Schiedea jacobii</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea kaalae</i>	10/29/1991	E	8/10/1998	F	21	8/13/2013	No change in status
No common name	<i>Schiedea kauaiensis</i>	10/10/1996	E	9/20/1995	F	36	9/17/2017	No change in status
No common name	<i>Schiedea laui</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea lydgatei</i>	10/8/1992	E	9/26/1996	F	18	9/20/2011	No change in status
No common name	<i>Schiedea membranacea</i>	10/10/1996	E	9/20/1995	F	35	9/17/2017	No change in status
No common name	<i>Schiedea nuttallii</i>	10/10/1996	E	7/10/1999	F	19	8/13/2013	No change in status
No common name	<i>Schiedea obovata</i>	10/29/1991	E	8/10/1998	F	20	8/28/2012	No change in status
No common name	<i>Schiedea salicaria</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Schiedea sarmentosa</i>	10/10/1996	E	9/26/1996	F	17	9/20/2011	No change in status
No common name	<i>Schiedea spergulina var. leiopoda</i>	2/25/1994	E	9/20/1995	F	37	9/17/2017	No change in status
No common name	<i>Schiedea spergulina var. spergulina</i>	2/25/1994	T	9/20/1995	F	27	9/17/2017	No change in status
No common name	<i>Schiedea trinervis</i>	10/29/1991	E	8/10/1998	F	20	8/13/2013	No change in status
No common name	<i>Schiedea verticillata</i>	8/21/1996	E	3/31/1998	F	19	9/17/2017	No change in status
No common name	<i>Schiedea viscosa</i>	10/10/1996	E	9/20/1995	F	34	9/17/2017	No change in status
No common name	<i>Schoepfia arenaria</i>	4/19/1991	T	1/10/1992	F	9	7/18/2016	No change in status
No common name	<i>Sicyos lanceoloideus</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Silene alexandri</i>	10/8/1992	E	9/26/1996	F	19	3/31/2014	No change in status
No common name	<i>Silene hawaiiensis</i>	3/4/1994	T	9/26/1996	F	33	8/25/2015	No change in status

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No common name	<i>Silene lanceolata</i>	10/8/1992	E	9/26/1996	F	18	8/20/2015	No change in status
No common name	<i>Silene perlmantii</i>	10/29/1991	E	8/10/1998	F	19	8/15/2013	No change in status
No common name	<i>Spermolepis hawaiiensis</i>	11/10/1994	E	7/10/1999	F	19	8/20/2015	No change in status
No common name	<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	11/29/1979	E	9/20/1993	D	N/A	8/28/2012	No change in status
No common name	<i>Stenogyne bifida</i>	10/8/1992	E	9/26/1996	F	19	6/5/2014	No change in status
No common name	<i>Stenogyne campanulata</i>	5/13/1992	E	9/20/1995	F	32	9/17/2017	No change in status
No common name	<i>Stenogyne cranwelliae</i>	11/29/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Stenogyne kaalae</i> ssp. <i>sherffii</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Stenogyne kanehoana</i>	5/13/1992	E	8/10/1998	F	20	8/15/2013	No change in status
No common name	<i>Stenogyne kauaulaensis</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Stenogyne kealiae</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
No common name	<i>Tabernaemontana rotensis</i>	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
No common name	<i>Ternstroemia subsessilis</i>	4/22/1992	E	7/31/1995	F	9	9/8/2015	No change in status
No common name	<i>Tetramolopium arenarium</i>	3/4/1994	E	9/26/1996	F	31	8/28/2012	No change in status
No common name	<i>Tetramolopium filiforme</i>	10/29/1991	E	8/10/1998	F	21	8/15/2013	No change in status
No common name	<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i>	10/29/1991	E	8/10/1998	F	21	8/15/2013	No change in status
No common name	<i>Tetramolopium renyi</i>	9/20/1991	E	9/29/1995	F	38	9/20/2011	No change in status
No common name	<i>Tetramolopium rockii</i>	10/8/1992	T	9/26/1996	F	18	9/20/2011	No change in status
No common name	<i>Tinospora homosepala</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Trematolobelia singularis</i>	10/10/1996	E	8/10/1998	F	21	8/15/2013	No change in status
No common name	<i>Tuberolabium guamense</i>	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
No common name	<i>Varronia rupicola</i>	10/9/2014	T	N/A	N/A	N/A	N/A	N/A
No common name	<i>Vernonia proctorii</i>	4/27/1993	E	7/31/1995	F	14	12/2/2010	No change in status
No common name	<i>Vigna o-wahuensis</i>	11/10/1994	E	7/10/1999	F	18	8/20/2015	No change in status
No common name	<i>Viola helenae</i>	9/20/1991	E	5/31/1994	F	29	9/17/2017	No change in status
No common name	<i>Viola lanaiensis</i>	9/20/1991	E	9/29/1995	F	36	8/28/2012	No change in status
No common name	<i>Viola oahuensis</i>	10/10/1996	E	8/10/1998	F	20	9/20/2011	No change in status

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No common name	<i>Wikstroemia skottsbergiana</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Wikstroemia villosa</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Xylosma crenatum</i>	5/13/1992	E	9/20/1995	F	37	9/17/2017	No change in status
Nohoanu	<i>Geranium hanaense</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Nohoanu	<i>Geranium hillebrandii</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Nohoanu	<i>Geranium kauaiense</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Nohoanu	<i>Geranium multiflorum</i>	5/15/1992	E	7/29/1997	F	18	8/29/2011	No change in status
nui, haha	<i>Cvanea horrida</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Oak, Hinckley	<i>Quercus hinckleyi</i>	8/26/1988	T	9/30/1992	F	1	9/2/2009	No change in status
Oha	<i>Delissea subcordata</i>	10/10/1996	E	8/10/1998	F	23	8/1/2013	No change in status
Ohai	<i>Sesbania tomentosa</i>	11/10/1994	E	7/10/1999	F	21	8/25/2015	No change in status
Olulu	<i>Brighamia insignis</i>	2/25/1994	E	9/20/1995	F	30	9/13/2017	No change in status
Onion, Munz's	<i>Allium munzii</i>	10/13/1998	E	N/A	N/A	N/A	9/5/2013	No change in status
Opuhe	<i>Urera kaalae</i>	10/29/1991	E	8/10/1998	F	20	9/20/2011	No change in status
Orchid, eastern prairie fringed	<i>Platanthera leucophaea</i>	9/28/1989	T	9/29/1999	F	13	5/17/2016	No change in status
Orchid, western prairie fringed	<i>Platanthera praeclara</i>	9/28/1989	T	9/30/1996	F	28	4/27/2009	No change in status
Orchid, white fringeless	<i>Platanthera integrilabia</i>	10/13/2016	T	N/A	N/A	N/A	N/A	N/A
Orcutt grass, California	<i>Orcuttia californica</i>	8/3/1993	E	9/3/1998	F	11	3/11/2011	No change in status
Orcutt grass, hairy	<i>Orcuttia pilosa</i>	3/26/1997	E	12/15/2005	F	17	6/15/2009	No change in status
Orcutt grass, Sacramento	<i>Orcuttia viscida</i>	3/26/1997	E	12/15/2005	F	18	7/10/2008	No change in status
Orcutt grass, San Joaquin	<i>Orcuttia inaequalis</i>	3/26/1997	T	12/15/2005	F	20	8/7/2013	No change in status
Orcutt grass, slender	<i>Orcuttia tenuis</i>	3/26/1997	T	12/15/2005	F	26	11/24/2009	No change in status
Owl's-clover, fleshy	<i>Castilleja campestris ssp. succulenta</i>	3/26/1997	T	12/15/2005	F	19	9/8/2011	No change in status
Oxytheca, Cushenbury	<i>Oxytheca parishii var. goodmaniana</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Pa'iniu	<i>Astelia waialealae</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Paintbrush, ash-grey	<i>Castilleja cinerea</i>	10/14/1998	T	N/A	N/A	N/A	3/27/2013	No change in status
Paintbrush, golden	<i>Castilleja levisecta</i>	6/11/1997	T	08/23/2000, 05/20/2010	F	35	1/31/2008	No change in status

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Paintbrush, San Clemente Island	<i>Castilleja grisea</i>	9/12/1977	T	1/26/1984	F	26	7/26/2013	Downlist to T
Paintbrush, soft-leaved	<i>Castilleja mollis</i>	7/31/1997	E	9/26/2000	F	17	1/10/2008	No change in status
Paintbrush, Tiburon	<i>Castilleja affinis ssp. neglecta</i>	2/3/1995	E	9/30/1998	F	16	6/20/2012	No change in status
Palo colorado	<i>Ternstroemia luquillensis</i>	4/22/1992	E	7/31/1995	F	9	9/8/2015	No change in status
Palo de jazmin	<i>Styrax portoricensis</i>	4/22/1992	E	7/31/1995	F	9	9/8/2015	No change in status
Palo de nigua	<i>Cornutia obovata</i>	4/7/1988	E	8/7/1992	F	10	7/15/2014	No change in status
Palo de ramon	<i>Banara vanderbiltii</i>	1/14/1987	E	3/15/1991	F	13	1/10/2014	No change in status
Palo de rosa	<i>Ottoschulzia rhodoxylon</i>	4/10/1990	E	9/20/1994	F	12	8/9/2017	Downlist to T
Pamakani	<i>Tetramolopium capillare</i>	9/30/1994	E	7/29/1997	F	26	8/28/2012	No change in status
Pamakani	<i>Viola chamissoniana ssp. chamissoniana</i>	10/29/1991	E	8/10/1998	F	20	8/15/2013	No change in status
Panicgrass, Carter's	<i>Panicum fauriei var. carteri</i>	10/12/1983	E	5/23/1994	D	N/A	8/29/2011	No change in status
Papala	<i>Charpentiera densiflora</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Paudedo	<i>Hedyotis megalantha</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Pawpaw, beautiful	<i>Deeringothamnus pulchellus</i>	9/26/1986	E	5/18/1999	F	21	6/17/2009	No change in status
Pawpaw, four-petal	<i>Asimina tetramera</i>	9/26/1986	E	5/18/1999	F	26	4/6/2009	No change in status
Pawpaw, Ruge's	<i>Deeringothamnus rugelii</i>	9/26/1986	E	4/5/1988	F	10	1/18/2018	No change in status
Pea, Big Pine partridge	<i>Chamaecrista lineata kevensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Pelos del diablo	<i>Aristida portoricensis</i>	8/8/1990	E	5/16/1994	F	6	12/2/2010	No change in status
Penny-cress, Kneeland Prairie	<i>Thlaspi californicum</i>	2/9/2000	E	8/14/2003	F	9	10/19/2011	No change in status
Pennyroyal, Todsen's	<i>Hedeoma todsenii</i>	1/19/1981	E	1/31/2001	RF(2)	16	8/22/2011	No change in status
Penstemon, blowout	<i>Penstemon haydenii</i>	9/1/1987	E	7/17/1992	F	29	6/1/2012	No change in status
Pentachaeta, Lyon's	<i>Pentachaeta lyonii</i>	1/29/1997	E	9/30/1999	F	5	9/30/2008	No change in status
Pentachaeta, white-rayed	<i>Pentachaeta bellidiflora</i>	2/3/1995	E	9/30/1998	F	15	8/10/2010	No change in status
Peperomia, Wheeler's	<i>Peperomia wheeleri</i>	1/14/1987	E	11/26/1990	F	18	3/12/2014	No change in status
Peppergrass, Slickspot	<i>Lepidium papilliferum</i>	9/16/2016	T	N/A	N/A	N/A	8/17/2016	No change in status
Phacelia, clay	<i>Phacelia argillacea</i>	10/29/1978	E	4/12/1982	F	10	8/15/2013	No change in status
Phacelia, DeBeque	<i>Phacelia submutica</i>	8/26/2011	T	1/23/2013	O	N/A	N/A	N/A

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Phacelia, island	<i>Phacelia insularis ssp. insularis</i>	7/31/1997	E	9/26/2000	F	17	7/2/2008	No change in status
Phacelia, North Park	<i>Phacelia formosula</i>	9/1/1982	E	3/21/1986	F	19	2/1/2012	No change in status
Phlox, Texas trailing	<i>Phlox nivalis ssp. texensis</i>	9/30/1991	E	3/28/1995	F	31	8/30/2018	No change in status
Phlox, Yreka	<i>Phlox hirsuta</i>	2/3/2000	E	7/27/2006	F	13	9/24/2007	No change in status
Pigeon wings	<i>Clitoria fragrans</i>	4/27/1993	T	5/18/1999	F	21	9/15/2008	No change in status
Pilo	<i>Kadua laxiflora</i>	10/8/1992	E	9/26/1996	F	19	8/2/2011	No change in status
Pilo kea lau li'i	<i>Platydesma rostrata</i>	5/13/2010	E	6/17/2010	O	N/A	9/17/2017	No change in status
Pink, swamp	<i>Helonias bullata</i>	9/9/1988	T	9/30/1991	F	17	12/30/2014	No change in status
Pinkroot, gentian	<i>Spigelia gentianoides</i>	11/26/1990	E	1/24/2012	F	9	9/21/2018	No change in status
Piperia, Yadon's	<i>Piperia yadonii</i>	8/12/1998	E	8/19/2004	F	7	8/17/2009	No change in status
Pitaya, Davis' green	<i>Echinocereus viridiflorus var. davisii</i>	12/8/1979	E	9/20/1984	F	N/A	2/10/2012	No change in status
Pitcher-plant, Alabama canebrake	<i>Sarracenia rubra ssp. alabamensis</i>	3/10/1989	E	10/8/1992	F	10	7/23/2018	No change in status
Pitcher-plant, green	<i>Sarracenia oreophila</i>	10/21/1979	E	12/12/1994	RF(2)	15	4/1/2014	No change in status
Pitcher-plant, mountain sweet	<i>Sarracenia rubra ssp. jonesii</i>	9/30/1988	E	8/13/1990	F	15	5/21/2013	No change in status
Plum, scrub	<i>Prunus geniculata</i>	1/21/1987	E	6/20/1996	RF(1)	22	12/21/2017	No change in status
Po'e	<i>Portulaca sclerocarpa</i>	3/4/1994	E	9/26/1996	F	33	8/28/2012	No change in status
Pogonia, small whorled	<i>Isotria medeoloides</i>	9/9/1982	T	11/13/1992	RF(1)	22	9/30/2008	No change in status
Polygala, Lewton's	<i>Polygala lewtonii</i>	4/27/1993	E	5/18/1999	F	17	8/5/2010	No change in status
Polygala, tiny	<i>Polygala smallii</i>	7/18/1985	E	5/18/1999	F	15	6/7/2010	No change in status
Polygonum, Scotts Valley	<i>Polygonum hickmanii</i>	4/8/2003	E	9/28/1998	F	15	11/12/2009	No change in status
Pondberry	<i>Lindera melissifolia</i>	7/31/1986	E	9/23/1993	F	25	3/3/2014	No change in status
Pondweed, Little Aguja (=Creek)	<i>Potamogeton clystocarpus</i>	11/14/1991	E	6/20/1994	F	1	8/31/2018	No change in status
popcornflower, rough	<i>Plagiobothrys hirtus</i>	1/25/2000	E	9/25/2003	F	22	8/11/2010	No change in status
Popolo	<i>Cyanea solanacea</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Popolo	<i>Solanum nelsonii</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Popolo ku mai	<i>Solanum incompletum</i>	11/10/1994	E	7/10/1999	F	19	8/6/2015	No change in status

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Poppy, Sacramento prickly	<i>Argemone pleiacantha ssp. pinnatisecta</i>	8/24/1989	E	8/31/1994	F	29	8/29/2013	No change in status
Poppy-mallow, Texas	<i>Callirhoe scabriuscula</i>	1/13/1981	E	3/29/1985	F	6	N/A	N/A
Potato-bean, Price's	<i>Apios priceana</i>	1/5/1990	T	2/10/1993	F	19	9/2/2016	No change in status
Potentilla, Hickman's	<i>Potentilla hickmanii</i>	8/12/1998	E	8/19/2004	F	8	2/4/2009	No change in status
Prairie-clover, Florida	<i>Dalea carthagenensis floridana</i>	10/6/2017	E	N/A	N/A	N/A	N/A	N/A
Prairie-clover, leafy	<i>Dalea foliosa</i>	5/1/1991	E	9/30/1996	F	15	6/4/2015	No change in status
Prickly-apple, aboriginal	<i>Harrisia (=Cereus) aboriginum (=gracilis)</i>	11/25/2013	E	N/A	N/A	N/A	N/A	N/A
Prickly-apple, fragrant	<i>Cereus eriophorus var. fragrans</i>	11/1/1985	E	5/18/1999	F	27	6/24/2010	No change in status
Prickly-ash, St. Thomas	<i>Zanthoxylum thomsonianum</i>	12/20/1985	E	4/5/1988	F	9	8/28/2015	No change in status
Primrose, Maguire	<i>Primula maguirei</i>	8/21/1985	T	9/27/1990	F	8	8/18/2011	No change in status
Pu`uka`a	<i>Cyperus trachysanthos</i>	10/10/1996	E	7/10/1999	F	18	8/19/2013	No change in status
Pua `ala	<i>Brighamia rockii</i>	10/8/1992	E	9/26/1996	F	19	3/11/2014	No change in status
Pussypaws, Mariposa	<i>Calyptridium pulchellum</i>	10/14/1998	T	N/A	N/A	N/A	1/10/2008	No change in status
Ragwort, San Francisco Peaks	<i>Packera franciscana</i>	11/22/1983	T	10/5/1987	F	7	10/22/2010	No change in status
Rattleweed, hairy	<i>Baptisia arachnifera</i>	5/27/1978	E	3/19/1984	F	16	12/1/2011	No change in status
Reedgrass, Hillebrand's	<i>Calamagrostis hillebrandii</i>	6/27/2013	E	N/A	N/A	N/A	N/A	N/A
Reedgrass, Maui	<i>Calamagrostis expansa</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Reed-mustard, Barneby	<i>Schoenocrambe barnebyi</i>	1/14/1992	E	9/14/1994	F	5	8/16/2011	No change in status
Reed-mustard, clay	<i>Schoenocrambe argillacea</i>	1/14/1992	T	9/14/1994	F	6	7/11/2011	No change in status
Reed-mustard, shrubby	<i>Schoenocrambe suffrutescens</i>	10/6/1987	E	9/14/1994	F	6	11/8/2010	No change in status
Remya, Maui	<i>Remya mauiensis</i>	1/14/1991	E	7/29/1997	F	30	6/5/2014	No change in status
Rhododendron, Chapman	<i>Rhododendron chapmanii</i>	5/23/1979	E	9/8/1983	F	15	4/13/2010	No change in status
Ridge-cress, Barneby	<i>Lepidium barnebyanum</i>	9/28/1990	E	7/23/1993	F	4	8/4/2011	No change in status
rock cress, Shale barren	<i>Arabis serotina</i>	7/13/1989	E	8/15/1991	F	9	11/18/2010	No change in status
Rock-cress, Braun's	<i>Arabis perstellata</i>	1/3/1995	E	7/22/1997	F	11	8/31/2018	No change in status
Rockcress, Georgia	<i>Arabis georgiana</i>	10/14/2014	T	N/A	N/A	N/A	N/A	N/A
Rock-cress, Hoffmann's	<i>Arabis hoffmannii</i>	7/31/1997	E	9/26/2000	F	17	11/16/2011	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Rock-cress, McDonald's	<i>Arabis macdonaldiana</i>	9/29/1978	E	2/28/1984	F	11	5/13/2013	No change in status
Rockcress, Santa Cruz Island	<i>Sibara filifolia</i>	8/8/1997	E	N/A	N/A	N/A	4/25/2012	No change in status
Rose-mallow, Neches River	<i>Hibiscus dasycalyx</i>	10/11/2013	T	4/23/2018	O	N/A	N/A	N/A
Rosemary, Apalachicola	<i>Conradina glabra</i>	7/12/1993	E	9/27/1994	F	8	7/7/2009	No change in status
Rosemary, Cumberland	<i>Conradina verticillata</i>	11/29/1991	T	7/12/1996	F	8	7/13/2018	No change in status
Rosemary, Etonia	<i>Conradina etonia</i>	7/12/1993	E	9/27/1994	F	8	6/4/2007	Downlist to T
Rosemary, short-leaved	<i>Conradina brevifolia</i>	7/12/1993	E	5/18/1999	F	17	8/8/2008	No change in status
Roseroot, Leedy's	<i>Rhodiola integrifolia ssp. leedyi</i>	4/22/1992	T	9/25/1998	F	5	5/4/2015	No change in status
Rush-pea, slender	<i>Hoffmannseggia tenella</i>	11/1/1985	E	8/23/2018	F	N/A	7/11/2008	No change in status
Rush-rose, island	<i>Helianthemum greenei</i>	7/31/1997	T	9/26/2000	F	16	6/4/2010	No change in status
Sandalwood, Lanai (= `iliahi)	<i>Santalum haleakalae var. lanaiense</i>	1/24/1986	E	9/29/1995	F	41	9/20/2011	No change in status
Sandlace	<i>Polygonella myriophylla</i>	4/27/1993	E	5/18/1999	F	21	8/26/2010	No change in status
Sandmat, pineland	<i>Chamaesyce deltoidea pinetorum</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Sand-verbena, large-fruited	<i>Abronia macrocarpa</i>	9/28/1988	E	9/30/1992	F	3	11/19/2010	No change in status
Sandwort, Bear Valley	<i>Arenaria ursina</i>	10/14/1998	T	N/A	N/A	N/A	8/14/2015	No change in status
Sandwort, Cumberland	<i>Arenaria cumberlandensis</i>	6/23/1988	E	6/20/1996	F	15	12/23/2013	Downlist to T
Sandwort, Marsh	<i>Arenaria paludicola</i>	8/3/1993	E	9/28/1998	F	17	7/10/2008	No change in status
Schiedea, Diamond Head	<i>Schiedea adamantis</i>	2/17/1984	E	2/2/1994	F	22	8/19/2013	No change in status
Seablite, California	<i>Suaeda californica</i>	12/15/1994	E	8/27/2013	F	49	4/16/2013	No change in status
Sedge, golden	<i>Carex lutea</i>	1/23/2002	E	3/28/2014	F	16	8/24/2015	No change in status
Sedge, Navajo	<i>Carex specuicola</i>	5/8/1985	T	9/24/1987	F	4	8/26/2014	No change in status
Sedge, white	<i>Carex albida</i>	10/22/1997	E	N/A	N/A	N/A	8/17/2009	No change in status
silverbush, Blodgett's	<i>Argythamnia blodgettii</i>	10/31/2016	T	N/A	N/A	N/A	N/A	N/A
Silversword, Mauna Loa (=Ka'u)	<i>Argyroxiphium kauense</i>	4/7/1993	E	11/21/1995	F	41	6/23/2015	No change in status
Skullcap, Florida	<i>Scutellaria floridana</i>	5/8/1992	T	6/22/1994	F	6	6/11/2009	No change in status
Skullcap, large-flowered	<i>Scutellaria montana</i>	6/20/1986	T	5/15/1996	F	8	1/8/2015	No change in status
Skyrocket, Pagosa	<i>Ipomopsis polyantha</i>	8/26/2011	E	1/11/2013	O	N/A	N/A	N/A

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Snakeroot	<i>Eryngium cuneifolium</i>	1/21/1987	E	5/18/1999	F	21	7/7/2010	No change in status
Sneezeweed, Virginia	<i>Helenium virginicum</i>	11/3/1998	T	10/2/2000	D	N/A	N/A	N/A
Snowbells, Texas	<i>Styrax texanus</i>	10/12/1984	E	8/3/2018	RD(1)	12	8/21/2018	No change in status
Spineflower, Ben Lomond	<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>	2/4/1994	E	9/28/1998	F	18	1/20/2012	No change in status
Spineflower, Howell's	<i>Chorizanthe howellii</i>	6/22/1992	E	9/29/1998	F	11	12/6/2011	No change in status
Spineflower, Monterey	<i>Chorizanthe pungens</i> var. <i>pungens</i>	2/4/1994	T	9/29/1998	F	10	2/4/2009	No change in status
Spineflower, Orcutt's	<i>Chorizanthe orcuttiana</i>	10/7/1996	E	N/A	N/A	N/A	6/26/2014	No change in status
spineflower, Robust	<i>Chorizanthe robusta</i> var. <i>robusta</i>	2/4/1994	E	12/20/2004	F	12	2/9/2010	No change in status
spineflower, Scotts Valley	<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	2/4/1994	E	9/28/1998	F	14	11/12/2009	No change in status
Spineflower, slender-horned	<i>Dodecahema leptoceras</i>	9/28/1987	E	N/A	N/A	N/A	10/1/2010	No change in status
Spineflower, Sonoma	<i>Chorizanthe valida</i>	6/22/1992	E	9/29/1998	F	8	7/28/2010	No change in status
Spiraea, Virginia	<i>Spiraea virginiana</i>	6/15/1990	T	11/13/1992	F	12	8/29/2008	No change in status
Spurge, deltoid	<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i>	7/18/1985	E	5/18/1999	F	14	6/15/2010	No change in status
Spurge, Garber's	<i>Chamaesyce garberi</i>	7/18/1985	T	5/18/1999	F	7	9/6/2007	No change in status
Spurge, Hoover's	<i>Chamaesyce hooveri</i>	3/26/1997	T	12/15/2005	F	18	2/4/2009	No change in status
Spurge, telephus	<i>Euphorbia telephoides</i>	5/8/1992	T	6/22/1994	F	5	1/22/2015	No change in status
Spurge, wedge	<i>Chamaesyce deltoidea</i> <i>serpyllum</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Stickseed, showy	<i>Hackelia venusta</i>	2/6/2002	E	12/12/2007	F	15	9/30/2011	No change in status
Stonecrop, Lake County	<i>Parvisedum leiocarpum</i>	6/18/1997	E	12/15/2005	F	13	6/15/2009	No change in status
Sumac, Michaux's	<i>Rhus michauxii</i>	9/28/1989	E	4/30/1993	F	16	9/1/2014	No change in status
Sunburst, Hartweg's golden	<i>Pseudobahia bahiifolia</i>	2/6/1997	E	N/A	N/A	N/A	1/10/2008	No change in status
Sunburst, San Joaquin adobe	<i>Pseudobahia peirsonii</i>	2/6/1997	T	N/A	N/A	N/A	1/10/2008	No change in status
Sunflower, Pecos (=puzzle, =paradox)	<i>Helianthus paradoxus</i>	10/20/1999	T	9/15/2005	F	23	8/26/2015	No change in status
Sunflower, San Mateo woolly	<i>Eriophyllum latilobum</i>	2/3/1995	E	9/30/1998	F	12	9/8/2011	No change in status
Sunflower, Schweinitz's	<i>Helianthus schweinitzii</i>	5/7/1991	E	4/22/1994	F	11	8/24/2010	No change in status
Sunflower, whorled	<i>Helianthus verticillatus</i>	8/1/2014	E	N/A	N/A	N/A	N/A	N/A

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sunray, Ash Meadows	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	5/20/1985	T	9/28/1990	F	6	9/14/2011	No change in status
Sunshine, Sonoma	<i>Blennosperma bakeri</i>	12/2/1991	E	5/31/2016	F	14	9/30/2008	No change in status
Taraxacum, California	<i>Taraxacum californicum</i>	10/14/1998	E	N/A	N/A	N/A	8/23/2013	No change in status
Tarplant, Gaviota	<i>Deinandra increscens</i> ssp. <i>villosa</i>	3/20/2000	E	N/A	N/A	N/A	8/10/2011	No change in status
Tarplant, Otay	<i>Deinandra</i> (= <i>Hemizonia</i>) <i>conjugens</i>	10/13/1998	T	12/7/2004	F	15	6/30/2009	No change in status
Tarplant, Santa Cruz	<i>Holocarpha macradenia</i>	3/20/2000	T	N/A	N/A	N/A	2/25/2014	No change in status
Thelypody, Howell's spectacular	<i>Thelypodium howellii</i> ssp. <i>spectabilis</i>	5/26/1999	T	6/3/2002	F	21	9/10/2018	No change in status
Thistle, Chorro Creek bog	<i>Cirsium fontinale</i> var. <i>obispoense</i>	12/15/1994	E	9/28/1998	F	6	6/18/2014	No change in status
Thistle, fountain	<i>Cirsium fontinale</i> var. <i>fontinale</i>	2/3/1995	E	9/30/1998	F	20	8/10/2010	No change in status
Thistle, La Graciosa	<i>Cirsium loncholepis</i>	3/20/2000	E	N/A	N/A	N/A	3/16/2011	No change in status
Thistle, Loch Lomond coyote	<i>Eryngium constancei</i>	8/1/1985	E	12/15/2005	F	14	8/17/2009	No change in status
Thistle, Pitcher's	<i>Cirsium pitcheri</i>	7/18/1988	T	9/20/2002	F	27	2/5/2010	No change in status
Thistle, Sacramento Mountains	<i>Cirsium vinaceum</i>	6/16/1987	T	9/27/1993	F	12	8/20/2010	No change in status
Thistle, Suisun	<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>	11/20/1997	E	8/27/2013	F	46	1/16/2009	No change in status
Thormint, San Diego	<i>Acanthomintha ilicifolia</i>	10/13/1998	T	N/A	N/A	N/A	8/12/2009	No change in status
Thormint, San Mateo	<i>Acanthomintha obovata</i> ssp. <i>duttonii</i>	9/18/1985	E	9/30/1998	F	17	8/10/2010	No change in status
Thoroughwort, Cape Sable	<i>Chromolaena frustrata</i>	11/25/2013	E	N/A	N/A	N/A	N/A	N/A
Townsendia, Last Chance	<i>Townsendia aprica</i>	8/21/1985	T	8/20/1993	F	7	8/22/2013	No change in status
Trillium, persistent	<i>Trillium persistens</i>	5/27/1978	E	3/27/1984	F	13	10/16/2011	No change in status
Trillium, relict	<i>Trillium reliquum</i>	4/4/1988	E	1/31/1991	F	13	1/19/2015	No change in status
Tuctoria, Greene's	<i>Tuctoria greenei</i>	3/26/1997	E	12/15/2005	F	19	1/10/2008	No change in status
Twinpod, Dudley Bluffs	<i>Physaria obcordata</i>	2/6/1990	T	8/13/1993	F	15	6/20/2008	No change in status
Ufa-halomtano	<i>Heritiera longipetiolata</i>	11/2/2015	E	N/A	N/A	N/A	N/A	N/A
Uhi uhi	<i>Mezoneuron kavaiense</i>	7/8/1986	E	5/6/1994	F	54	7/21/2015	No change in status
Uvillo	<i>Eugenia haematocarpa</i>	11/25/1994	E	9/11/1998	F	10	6/29/2014	No change in status
Vervain, Red Hills	<i>Verbena californica</i>	10/14/1998	T	N/A	N/A	N/A	6/20/2012	No change in status

Table A. Recovery Data for FY 2017-2018

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Vetch, Hawaiian	<i>Vicia menziesii</i>	5/27/1978	E	5/18/1984	F	22	8/28/2012	No change in status
Wahane	<i>Pritchardia aylmer-robinsonii</i>	8/7/1996	E	Exempt	Exempt	Exempt	8/29/2011	No change in status
Wallflower, Ben Lomond	<i>Erysimum teretifolium</i>	2/4/1994	E	9/28/1998	F	18	7/10/2008	No change in status
Wallflower, Contra Costa	<i>Erysimum capitatum</i> var. <i>angustatum</i>	5/27/1978	E	4/25/1984	RF(1)	20	7/10/2008	No change in status
Wallflower, Menzies'	<i>Erysimum menziesii</i>	6/22/1992	E	9/29/1998	F	12	7/10/2008	No change in status
Walnut (=Nogal), West Indian	<i>Juglans jamaicensis</i>	1/13/1997	E	12/9/1999	F	11	3/28/2013	No change in status
Warea, wide-leaf	<i>Warea amplexifolia</i>	4/29/1987	E	2/17/1993	F	14	8/17/2017	No change in status
Watercress, Gambel's	<i>Rorippa gambellii</i>	8/3/1993	E	9/28/1998	F	17	11/7/2011	No change in status
Water-plantain, Kral's	<i>Sagittaria secundifolia</i>	4/13/1990	T	8/12/1991	F	6	4/29/2014	No change in status
Water-umbel, Huachuca	<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>	1/6/1997	E	11/13/2017	F	N/A	7/18/2018	No change in status
Water-willow, Cooley's	<i>Justicia cooleyi</i>	7/27/1989	E	6/20/1994	F	4	7/14/2010	No change in status
Whitlow-wort, papery	<i>Paronychia chartacea</i>	1/21/1987	T	5/18/1999	F	17	9/28/2008	No change in status
Wild buckwheat, clay-loving	<i>Eriogonum pelinophilum</i>	7/13/1984	E	11/10/1988	F	10	9/30/2009	No change in status
Wild-buckwheat, gypsum	<i>Eriogonum gypsophilum</i>	1/19/1981	T	3/30/1984	F	8	1/6/2017	Delist due to recovery
Wild-buckwheat, southern mountain	<i>Eriogonum kenedyi</i> var. <i>austromontanum</i>	10/14/1998	T	N/A	N/A	N/A	5/8/2015	No change in status
Wild-rice, Texas	<i>Zizania texana</i>	5/27/1978	E	2/14/1996	RF(1)	27	N/A	N/A
Wire-lettuce, Malheur	<i>Stephanomeria malheurensis</i>	11/10/1982	E	3/21/1991	F	30	9/20/2011	No change in status
Wireweed	<i>Polygonella basiramia</i>	1/21/1987	E	5/18/1999	F	22	9/7/2010	No change in status
Woodland-star, San Clemente Island	<i>Lithophragma maximum</i>	8/8/1997	E	1/26/1984	F	26	9/24/2007	No change in status
Woolly-star, Santa Ana River	<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	9/28/1987	E	N/A	N/A	N/A	10/29/2010	No change in status
Woolly-threads, San Joaquin	<i>Monolopia</i> (=Lembertia) <i>congdonii</i>	7/19/1990	E	9/30/1998	F	18	6/28/2010	No change in status
Yellowhead, desert	<i>Yermo xanthocephalus</i>	3/14/2002	T	2/22/2010	O	N/A	10/24/2012	No change in status
Yerba santa, Lompoc	<i>Eriodictyon capitatum</i>	3/20/2000	E	N/A	N/A	N/A	2/8/2011	No change in status
Ziziphus, Florida	<i>Ziziphus celata</i>	7/27/1989	E	5/18/1999	F	29	8/27/2009	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-12. Species, recovery plan, and recovery status information for listed conifer species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Cypress, Gowen	<i>Cupressus goveniana ssp. goveniana</i>	8/12/1998	T	8/19/2004	F	3	3/28/2012	No change in status
Cypress, Santa Cruz	<i>Cupressus abramsiana</i>	1/8/1987	T	9/26/1998	F	4	2/19/2016	Downlist to T
Fadang	<i>Cycas micronesica</i>	11/2/2015	T	N/A	N/A	N/A	N/A	N/A
Torreya, Florida	<i>Torreya taxifolia</i>	1/23/1984	E	9/9/1986	F	22	7/30/2010	No change in status

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Table A-13. Species, recovery plan, and recovery status information for listed fern and fern ally species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date 5 year Review Completed	5 -Year Review Status Recommendation
Aumakua, Palapalai	<i>Dryopteris crinalis</i> var. <i>podosorus</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
Diellia, Asplenium-leaved	<i>Asplenium dielirectum</i>	11/10/1994	E	7/10/1999	F	18	8/20/2015	No change in status
Fern, Alabama streak-sorus	<i>Thelypteris pilosa</i> var. <i>alabamensis</i>	7/8/1992	T	10/25/1996	F	2	3/31/2014	No change in status
Fern, Aleutian shield	<i>Polystichum aleuticum</i>	2/17/1988	E	9/30/1992	F	9	9/26/2007	No change in status
Fern, American hart's-tongue	<i>Asplenium scolopendrium</i> var. <i>americanum</i>	7/14/1989	T	9/15/1993	F	15	10/31/2012	No change in status
Fern, Elfin tree	<i>Cyathea dryopteroides</i>	6/16/1987	E	1/31/1991	F	4	9/1/2013	No change in status
Fern, Florida bristle	<i>Trichomanes punctatum</i> ssp. <i>floridanum</i>	11/5/2015	E	N/A	N/A	N/A	N/A	N/A
Fern, pendant kihi	<i>Adenophorus periens</i>	11/10/1994	E	7/10/1999	F	19	6/30/2015	No change in status
Hohiu	<i>Dryopteris glabra</i> var. <i>pusilla</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Ihi`ihi	<i>Marsilea villosa</i>	6/22/1992	E	4/18/1996	F	40	8/29/2011	No change in status
Kupukupu makalii	<i>Cyclosorus boydiae</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Adiantum vivesii</i>	6/9/1993	E	1/17/1995	F	9	9/25/2018	Delist due to error
No common name	<i>Asplenium dielfalcatum</i>	10/29/1991	E	8/10/1998	F	21	8/2/2011	No change in status
No common name	<i>Asplenium diellaciniatum</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Asplenium dielmannii</i>	5/13/2010	E	6/17/2010	O	N/A	9/8/2017	No change in status
No common name	<i>Asplenium dielpallidum</i>	2/25/1994	E	9/20/1995	F	37	9/8/2017	No change in status
No common name	<i>Asplenium peruvianum</i> var. <i>insulare</i>	9/26/1994	E	4/10/1998	F	18	8/28/2012	No change in status
No common name	<i>Asplenium unisorum</i>	6/27/1994	E	8/10/1998	F	20	8/2/2011	No change in status
No common name	<i>Deparia kaalaana</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Diplazium molokaiense</i>	9/26/1994	E	4/10/1998	F	18	3/12/2014	No change in status
No common name	<i>Doryopteris angelica</i>	5/13/2010	E	6/17/2010	O	N/A	9/13/2017	No change in status
No common name	<i>Doryopteris takeuchii</i>	10/18/2012	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Elaphoglossum serpens</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Huperzia stemmermanniae</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Microlepia strigosa</i> var. <i>mauiensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A

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No common name	<i>Polystichum calderonense</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Pteris lidgatei</i>	9/26/1994	E	4/10/1998	F	18	6/5/2014	No change in status
No common name	<i>Tectaria estremarana</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Thelypteris inabonensis</i>	7/2/1993	E	1/17/1995	F	9	5/12/2015	No change in status
No common name	<i>Thelypteris verecunda</i>	7/2/1993	E	1/17/1995	F	9	5/12/2015	No change in status
No common name	<i>Thelypteris yaucoensis</i>	7/2/1993	E	1/17/1995	F	9	5/12/2015	No change in status
olua	<i>Hypolepis hawaiiensis</i> var. <i>mauiensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Pauoa	<i>Ctenitis squamigera</i>	9/26/1994	E	4/10/1998	F	18	7/30/2013	No change in status
Quillwort, black spored	<i>Isoetes melanospora</i>	2/5/1988	E	7/7/1993	F	8	9/30/2008	No change in status
Quillwort, Louisiana	<i>Isoetes louisianensis</i>	10/28/1992	E	9/30/1996	F	10	6/20/2012	No change in status
Quillwort, mat-forming	<i>Isoetes tegetiformans</i>	2/5/1988	E	7/7/1993	F	8	9/30/2008	No change in status
Wawae`iole	<i>Huperzia manni</i>	5/15/1992	E	7/29/1997	F	24	3/27/2014	No change in status
Wawae`iole	<i>Huperzia nutans</i>	3/28/1994	E	8/10/1998	F	19	9/14/2017	No change in status

Table A. Recovery Data for FY 2017-2018

Table A-14. Species, recovery plan, and recovery status information for listed lichen species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Cladonia, Florida perforate	<i>Cladonia perforata</i>	4/27/1993	E	5/18/1999	F	17	9/17/2007	No change in status
Lichen, rock gnome	<i>Gymnoderma lineare</i>	1/18/1995	E	9/30/1997	F	6	3/28/2013	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-1. Species, recovery plan, and recovery status information for listed mammal species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Bat, Florida bonneted	<i>Eumops floridanus</i>	11/1/2013	E	1/30/2019	O	N/A	N/A	N/A
Bat, gray	<i>Myotis grisescens</i>	4/28/1976	E	7/8/1982	F	65	9/30/2009	No change in status
Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	10/13/1970	E	5/11/1998	F	9	9/30/2011	No change in status
Bat, Indiana	<i>Myotis sodalis</i>	3/11/1967	E	4/16/2007	RD(1)	55	9/30/2019	No change in status
Bat, little Mariana fruit	<i>Pteropus tokudae</i>	8/27/1984	E	11/2/1990	F	42	12/18/2019	Delist due to extinction
Bat, Mariana fruit (=Mariana flying fox)	<i>Pteropus mariannus mariannus</i>	8/27/1984	T	3/30/2010	RD(1)	7	8/12/2014	No change in status
Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	9/30/1988	E	9/8/1994	F	6	9/13/2019	No change in status
Bat, Northern long-eared	<i>Myotis septentrionalis</i>	5/4/2015	T	N/A	N/A	N/A	N/A	N/A
Bat, Ozark big-eared	<i>Corynorhinus (=Plecotus) townsendii ingens</i>	11/30/1979	E	3/28/1995	RF(1)	23	9/8/2020	No change in status
Bat, Pacific sheath-tailed	<i>Emballonura semicaudata semicaudata</i>	10/24/2016	E	12/9/2019	O	N/A	N/A	N/A
Bat, Pacific sheath-tailed (Mariana Subspecies; Payeyi Paischeey)	<i>Emballonura semicaudata rotensis</i>	11/2/2015	E	2/3/2020	O	N/A	9/29/2020	No change in status
Bat, Virginia big-eared	<i>Corynorhinus (=Plecotus) townsendii virginianus</i>	12/31/1979	E	5/8/1984	F	36	2/12/2019	No change in status
Bear, grizzly (lower 48 States)	<i>Ursus arctos horribilis</i>	7/28/1975	T	9/10/1993	RF(1)	273	9/6/2011	No change in status
Bear, polar	<i>Ursus maritimus</i>	5/15/2008	T	1/11/2017	F	N/A	2/3/2017	No change in status
Bison, wood	<i>Bison bison athabascae</i>	6/2/1970	T	N/A	N/A	N/A	8/4/2020	No change in status
Caribou, Woodland (Southern Selkirk Mountains DPS)	<i>Rangifer tarandus caribou</i>	1/14/1983	E	11/27/2019	O	N/A	10/2/2019	Revision of listed entity
Deer, Columbian white-tailed (Columbia River DPS)	<i>Odocoileus virginianus leucurus</i>	3/11/1967	T	6/14/1983	RF(1)	14	10/17/2016	Downlist to T
Deer, key	<i>Odocoileus virginianus clavium</i>	3/11/1967	E	5/18/1999	F	67	8/23/2010	No change in status
Ferret, black-footed	<i>Mustela nigripes</i>	3/11/1967	E	11/8/2013	RF(2)	81	1/20/2020	No change in status
Fisher	<i>Pekania pennanti</i>	6/15/2020	E	6/17/2020	O	N/A	N/A	N/A
Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	3/11/1967	E	9/30/1998	F	57	9/28/2020	No change in status
Fox, Santa Catalina Island	<i>Urocyon littoralis catalinae</i>	3/5/2004	T	2/27/2015	F	23	2/16/2016	Downlist to T
Jaguar	<i>Panthera onca</i>	3/28/1972	E	7/27/2018	F	22	11/14/2019	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Jaguarundi, Gulf Coast	<i>Herpailurus (=Felis) yagouaroundi cacomilli</i>	6/14/1976	E	12/20/2013	F	20	7/24/2018	No change in status
Jaguarundi, Sinaloa	<i>Herpailurus (=Felis) yagouaroundi tolteca</i>	6/14/1976	E	Exempt	Exempt	Exempt	N/A	N/A
Kangaroo rat, Fresno	<i>Dipodomys nitratooides exilis</i>	1/30/1985	E	9/30/1998	F	16	6/19/2020	No change in status
Kangaroo rat, giant	<i>Dipodomys ingens</i>	1/5/1987	E	9/30/1998	F	20	9/11/2020	No change in status
Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	10/13/1970	E	1/25/2000	RD(1)	17	5/26/2011	No change in status
Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	1/27/1998	E	N/A	N/A	N/A	4/6/2020	No change in status
Kangaroo rat, Stephens'	<i>Dipodomys stephensi (incl. D. cascus)</i>	9/30/1988	E	6/23/1997	D	15	7/22/2011	Downlist to T
Kangaroo rat, Tipton	<i>Dipodomys nitratooides nitratooides</i>	7/8/1988	E	9/30/1998	F	17	7/8/2020	No change in status
Lynx, Canada (Contiguous U.S. DPS)	<i>Lynx canadensis</i>	3/24/2000	T	N/A	N/A	N/A	11/13/2017	Delist due to recovery
Manatee, West Indian	<i>Trichechus manatus</i>	3/11/1967	T	12/24/1986, 10/30/2001	F, RF(3)	126	1/8/2016	Downlist to T
Margay	<i>Leopardus (=Felis) wiedii</i>	3/30/1972	E	N/A	N/A	N/A	N/A	N/A
Marten, Pacific (Coastal DPS)	<i>Martes caurina</i>	10/8/2020	T	N/A	N/A	N/A	N/A	N/A
Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	12/12/1991	E	6/2/1998	F	22	8/21/2019	No change in status
Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	6/6/1985	E	8/12/1987	F	36	3/22/2019	No change in status
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	5/12/1989	E	9/23/1993	F	10	6/24/2019	No change in status
Mouse, Choctawhatchee beach	<i>Peromyscus polionotus allophrys</i>	6/6/1985	E	8/12/1987	F	39	11/15/2019	No change in status
Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	9/21/1983	E	5/18/1999	F	20	3/26/2009	No change in status
Mouse, New Mexico meadow jumping	<i>Zapus hudsonius luteus</i>	7/10/2014	E	6/9/2014	O	5	1/30/2020	No change in status
Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	2/3/1994	E	9/28/1998	F	36	8/31/2020	No change in status
Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	6/6/1985	E	8/12/1987	F	47	12/5/2014	No change in status
Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	5/13/1998	T	9/18/2018	F	28	8/19/2019	No change in status
Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	10/13/1970	E	8/27/2013	RF(1)	58	2/16/2010	No change in status
Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	5/12/1989	T	9/23/1993	F	8	10/11/2019	No change in status
Mouse, St. Andrew beach	<i>Peromyscus polionotus peninsularis</i>	12/18/1998	E	10/25/2010	F	12	12/20/2019	No change in status
Ocelot	<i>Leopardus (=Felis) pardalis</i>	3/28/1972	E	7/28/2016	F	N/A	7/24/2018	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Otter, Northern Sea (Southwest Alaska DPS)	<i>Enhydra lutris kenyoni</i>	8/9/2005	T	8/13/2013	F	N/A	8/21/2013	No change in status
Panther, Florida	<i>Puma (=Felis) concolor coryi</i>	3/11/1967	E	11/1/2008	F	89	4/28/2009	No change in status
Pocket gopher, Olympia	<i>Thomomys mazama pugetensis</i>	5/9/2014	T	N/A	N/A	N/A	9/28/2020	No change in status
Pocket gopher, Roy Prairie	<i>Thomomys mazama glacialis</i>	5/9/2014	T	N/A	N/A	N/A	9/28/2020	No change in status
Pocket gopher, Tenino	<i>Thomomys mazama tumuli</i>	5/9/2014	T	N/A	N/A	N/A	9/28/2020	No change in status
Pocket gopher, Yelm	<i>Thomomys mazama velmensis</i>	5/9/2014	T	N/A	N/A	N/A	9/28/2020	No change in status
Prairie dog, Utah	<i>Cynomys parvidens</i>	6/4/1973	T	3/1/2012	RD(1)	22	4/20/2012	No change in status
Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	3/11/1967	E	11/22/2016	RF(2)	29	7/18/2018	No change in status
Rabbit, Columbia Basin Pygmy (Columbia Basin DPS)	<i>Brachylagus idahoensis</i>	11/30/2001	E	1/23/2013	F	70	5/15/2019	No change in status
Rabbit, Lower Keys marsh	<i>Sylvilagus palustris hefneri</i>	6/21/1990	E	5/18/1999	F	39	9/21/2007	No change in status
Rabbit, riparian brush	<i>Sylvilagus bachmani riparius</i>	2/23/2000	E	9/30/1998	CS	13	7/31/2020	No change in status
Rice rat, Silver	<i>Oryzomys palustris natator</i>	4/30/1991	E	5/18/1999	F	17	8/18/2008	No change in status
Sheep, Peninsular bighorn (Peninsular CA DPS)	<i>Ovis canadensis nelsoni</i>	3/18/1998	E	10/25/2000	F	46	4/21/2011	No change in status
Sheep, Sierra Nevada bighorn	<i>Ovis canadensis sierrae</i>	4/20/1999	E	9/24/2007	F	25	9/27/2019	No change in status
Shrew, Buena Vista Lake ornate	<i>Sorex ornatus relictus</i>	3/6/2002	E	9/30/1998	F	12	8/30/2020	No change in status
Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	7/1/1985	E	9/24/1990	F	20	6/28/2013	No change in status
Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	6/3/1987	E	5/27/2011	RD(1)	19	1/15/2008	No change in status
Squirrel, Northern Idaho Ground	<i>Uroditellus brunneus</i>	4/5/2000	T	9/16/2003	F	42	3/21/2017	No change in status
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	11/15/1984	E	9/15/1997	F	24	2/4/2009	No change in status
Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	1/14/1991	E	9/30/1997	F	6	9/30/2019	No change in status
Wolf, Mexican	<i>Canis lupus baileyi</i>	4/28/1976	E	11/28/2017	RF(1)	18	7/23/2019	No change in status
Wolf, red	<i>Canis rufus</i>	3/11/1967	E	10/26/1990	RF(2)	40	4/23/2018	No change in status
Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	9/21/1983	E	5/18/1999	F	27	3/21/2018	No change in status
Woodrat, riparian (=San Joaquin Valley)	<i>Neotoma fuscipes riparia</i>	2/23/2000	E	9/30/1998	CS	12	7/8/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-2. Species, recovery plan, and recovery status information for listed bird species

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
ʻIiwi	<i>Drepanis coccinea</i>	10/20/2017	T	8/3/2020	O	N/A	N/A	N/A
ʻOʻo, Kauai (honeyeater)	<i>Moho braccatus</i>	3/11/1967	E	9/4/2019	RD(2)	81	3/28/2019	Delist due to extinction
ʻOʻu (honeycreeper)	<i>Psittirostra psittacea</i>	3/11/1967	E	9/22/2006	RF(1)	123	8/20/2015	No change in status
Akekee (honeycreeper)	<i>Loxops caeruleirostris</i>	5/13/2010	E	9/4/2019	D	82	9/5/2017	No change in status
Akepa, Hawaii	<i>Loxops coccineus</i>	10/13/1970	E	9/22/2006	RF(1)	175	8/7/2020	No change in status
Akepa, Maui	<i>Loxops ochraceus</i>	10/13/1970	E	9/22/2006	RF(1)	5	7/30/2018	Delist due to extinction
Akialoa, Kauai (honeycreeper)	<i>Akialoa stejnegeri</i>	3/11/1967	E	9/4/2019	RD(2)	81	3/28/2019	Delist due to extinction
Akiapolau	<i>Hemignathus wilsoni</i>	3/11/1967	E	9/22/2006	RF(1)	190	8/7/2020	No change in status
Akikiki	<i>Oreomystis bairdi</i>	5/13/2010	E	09/04/2019, 09/22/2006	CS, D	207	9/5/2017	No change in status
Albatross, short-tailed	<i>Phoebastria (=Diomedea) albatrus</i>	6/2/1970	E	9/17/2008	F	38	8/7/2020	No change in status
Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	12/12/1976	E	11/12/1996	RF(1)	14	9/24/2018	No change in status
Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	3/11/1967	E	4/21/1995	RF(2)	54	5/8/2014	No change in status
Caracara, Audubon's crested	<i>Polyborus plancus audubonii</i>	7/6/1987	T	5/18/1999	F	22	8/14/2009	No change in status
Condor, California	<i>Gymnogyps californianus</i>	3/11/1967	E	4/25/1996	RF(3)	54	6/4/2013	No change in status
Coot, Hawaiian	<i>Fulica americana alai</i>	10/13/1970	E	10/28/2011	RF(2)	31	7/6/2015	No change in status
Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	6/4/1973	E	9/6/1991	RF(3)	16	8/30/2019	No change in status
Crane, whooping	<i>Grus americana</i>	3/11/1967	E	3/30/2007	RF(3)	42	2/13/2012	No change in status
Creeper, Hawaii	<i>Oreomystis mana</i>	10/28/1975	E	9/22/2006	RF(1)	180	8/7/2020	No change in status
Creeper, Molokai	<i>Paroreomyza flammea</i>	10/13/1970	E	9/22/2006	RF(1)	4	7/30/2018	Delist due to extinction
Creeper, Oahu	<i>Paroreomyza maculata</i>	10/13/1970	E	9/22/2006	F	5	11/8/2019	No change in status
Crow, Hawaiian (=alala)	<i>Corvus hawaiiensis</i>	3/11/1967	E	4/17/2009	F	29	9/26/2020	No change in status
Crow, Mariana (=aga)	<i>Corvus kubaryi</i>	8/27/1984	E	1/11/2006	RD(1)	32	9/26/2020	No change in status
Crow, white-necked	<i>Corvus leucognaphalus</i>	4/3/1991	E	N/A	N/A	N/A	8/24/2015	No change in status
Cuckoo, yellow-billed (Western DPS)	<i>Coccyzus americanus</i>	11/3/2014	T	N/A	N/A	N/A	9/16/2020	No change in status
Curlew, Eskimo	<i>Numenius borealis</i>	3/11/1967	E	N/A	N/A	N/A	12/21/2016	No change in status
Duck, Hawaiian (=koloa)	<i>Anas wyvilliana</i>	3/11/1967	E	10/28/2011	RF(2)	37	7/23/2015	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Duck, Laysan	<i>Anas laysanensis</i>	3/11/1967	E	7/7/2009	RF(1)	15	8/25/2017	No change in status
Eider, spectacled	<i>Somateria fischeri</i>	5/10/1993	T	8/12/1996	F	56	8/26/2010	No change in status
Eider, Steller's	<i>Polysticta stelleri</i>	6/11/1997	T	9/30/2002	F	10	3/26/2019	No change in status
Elepaio, Oahu	<i>Chasiempis ibidis</i>	4/18/2000	E	9/22/2006	F	142	9/30/2019	No change in status
Falcon, Northern Aplomado	<i>Falco femoralis septentrionalis</i>	2/25/1986	E	6/8/1990	F	17	8/26/2014	No change in status
Finch, Laysan (honeycreeper)	<i>Telespyza cantans</i>	3/11/1967	E	10/4/1984	F	18	8/15/2017	No change in status
Finch, Nihoa (honeycreeper)	<i>Telespyza ultima</i>	3/11/1967	E	10/4/1984	F	18	8/15/2017	No change in status
Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	2/27/1995	E	8/30/2002	F	106	12/29/2017	No change in status
gallinule, Hawaiian common	<i>Gallinula galeata sandvicensis</i>	3/11/1967	E	10/28/2011	RF(2)	34	8/3/2015	No change in status
Gnatcatcher, coastal California	<i>Poliotptila californica californica</i>	3/30/1993	T	N/A	N/A	N/A	6/2/2020	No change in status
Goose, Hawaiian	<i>Branta (=Nesochen) sandvicensis</i>	3/11/1967	T	9/24/2004	RD(1)	38	12/19/2019	Downlist to T
Ground-Dove, Friendly	<i>Gallicolumba stairi</i>	10/24/2016	E	12/9/2019	O	N/A	N/A	N/A
Hawk, Puerto Rican broad-winged	<i>Buteo platypterus brunnescens</i>	9/9/1994	E	9/8/1997	F	9	9/19/2019	No change in status
Hawk, Puerto Rican sharp-shinned	<i>Accipiter striatus venator</i>	9/9/1994	E	9/8/1997	F	11	9/7/2018	No change in status
honeycreeper, (Akohekohe) crested	<i>Palmeria dolei</i>	3/11/1967	E	9/22/2006	RF(1)	185	4/15/2018	No change in status
Horned lark, streaked	<i>Eremophila alpestris strigata</i>	11/4/2013	T	8/25/2019	D	N/A	N/A	N/A
Kingfisher, Guam Micronesian	<i>Halcyon cinnamomina cinnamomina</i>	8/27/1984	E	10/3/2008	F	40	8/26/2020	No change in status
Kite, Everglade snail	<i>Rostrhamus sociabilis plumbeus</i>	3/11/1967	E	5/18/1999	RF(2)	17	9/27/2007	No change in status
Knot, red	<i>Calidris canutus rufa</i>	1/12/2015	T	4/9/2019	O	12	N/A	N/A
Mao (= maomao; honeyeater)	<i>Gymnomyza samoensis</i>	10/24/2016	E	12/9/2019	O	N/A	N/A	N/A
Megapode, Micronesian (=La Perouse's)	<i>Megapodius laperouse</i>	6/2/1970	E	4/10/1998	F	8	9/26/2020	No change in status
Millerbird, Nihoa (old world warbler)	<i>Acrocephalus familiaris kingi</i>	3/11/1967	E	10/4/1984	F	21	8/15/2017	No change in status
Moorhen, Mariana common	<i>Gallinula chloropus guami</i>	8/27/1984	E	9/30/1991	F	4	8/28/2020	No change in status
Murrelet, marbled	<i>Brachyramphus marmoratus</i>	10/1/1992	T	9/24/1997	F	31	5/31/2019	No change in status
Nightjar, Puerto Rican	<i>Caprimulgus noctitherus</i>	6/4/1973	E	4/19/1984	F	7	12/22/2017	No change in status
Nukupuu, Kauai	<i>Hemignathus hanapepe</i>	3/11/1967	E	9/4/2019	RD(2)	82	3/28/2019	Delist due to extinction

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Nukupuu, Maui	<i>Hemignathus affinis</i>	10/13/1970	E	9/22/2006	F	N/A	7/30/2018	Delist due to extinction
Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	3/16/1993	T	12/18/2012	RF(1)	65	8/16/2013	No change in status
Owl, northern spotted	<i>Strix occidentalis caurina</i>	6/26/1990	T	6/28/2011	RF(1)	27	9/29/2011	No change in status
Palila (honeycreeper)	<i>Loxioides bailleui</i>	3/11/1967	E	9/22/2006	RF(1)	142	8/19/2020	No change in status
Parrot, Puerto Rican	<i>Amazona vittata</i>	3/11/1967	E	5/9/2009	RF(1)	28	8/1/2017	No change in status
Parrot, thick-billed	<i>Rhynchopsitta pachyrhyncha</i>	6/2/1970	E	6/20/2013	F	14	N/A	N/A
Parrotbill, Maui (Kiwikiu)	<i>Pseudonestor xanthophrys</i>	3/11/1967	E	9/22/2006	RF(1)	184	4/15/2018	No change in status
Petrel, Bermuda	<i>Pterodroma cahow</i>	6/2/1970	E	N/A	N/A	N/A	8/20/2019	No change in status
Petrel, Hawaiian	<i>Pterodroma sandwichensis</i>	3/11/1967	E	4/25/1983	F	27	9/5/2017	No change in status
Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	10/13/1970	E	10/14/1982	F	10	5/16/2019	No change in status
Plover, piping (Atlantic Coast and Northern Great Plains Populations)	<i>Charadrius melodus</i>	12/11/1985	T	05/02/1996, 03/16/2016	RD(1), RF(1)	35	3/26/2020	No change in status
Plover, piping (Great Lakes watershed DPS)	<i>Charadrius melodus</i>	12/11/1985	E	9/8/2003	F	48	3/26/2020	No change in status
Plover, western snowy (Pacific Coast DPS)	<i>Charadrius nivosus nivosus</i>	3/5/1993	T	8/13/2007	F	87	9/10/2019	No change in status
Po'ouli (honeycreeper)	<i>Melamprosops phaeosoma</i>	10/28/1975	E	9/22/2006	RF(1)	177	7/30/2018	Delist due to extinction
Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	3/11/1967	E	3/17/2010	RF(2)	44	4/28/2010	No change in status
Rail, California clapper	<i>Rallus longirostris obsoletus</i>	10/13/1970	E	8/27/2013	RF(1)	63	8/31/2020	No change in status
Rail, Eastern Black	<i>Laterallus jamaicensis ssp. jamaicensis</i>	11/9/2020	T	N/A	N/A	N/A	N/A	N/A
Rail, Guam	<i>Rallus owstoni</i>	4/11/1984	E	9/28/1990	F	46	8/20/2014	No change in status
Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	10/13/1970	E	6/24/1985	RF(1)	133	7/9/2020	No change in status
Rail, Yuma Ridgways	<i>Rallus obsoletus [=longirostris] yumanensis</i>	3/11/1967	E	2/10/2010	RD(1)	15	9/11/2006	No change in status
Sage-grouse, Gunnison	<i>Centrocercus minimus</i>	12/22/2014	T	10/23/2020	F	N/A	8/26/2019	No change in status
Scrub-jay, Florida	<i>Aphelocoma coerulescens</i>	6/3/1987	T	9/27/2019	RF(1)	N/A	6/30/2020	No change in status
Shearwater, Newell's Townsend's	<i>Puffinus auricularis newelli</i>	10/28/1975	T	4/25/1983	F	28	11/1/2017	Uplist to E
Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	9/12/1977	E	1/26/1984	F	20	5/20/2020	No change in status
Sparrow, Cape Sable seaside	<i>Ammodramus maritimus mirabilis</i>	3/11/1967	E	5/18/1999	F	24	8/18/2010	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	7/31/1986	E	5/18/1999	F	23	9/30/2008	No change in status
Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	9/12/1977	T	1/26/1984	F	19	8/13/2009	No change in status
Stilt, Hawaiian	<i>Himantopus mexicanus knudseni</i>	10/13/1970	E	10/28/2011	RF(2)	33	3/19/2020	Downlist to T
Stork, wood	<i>Mycteria americana</i>	2/28/1984	T	1/27/1997	RF(1)	29	9/21/2007	Downlist to T
Storm-petrel, band-rumped	<i>Oceanodroma castro</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Swiftlet, Mariana gray	<i>Aerodramus vanikorensis bartschi</i>	8/27/1984	E	9/30/1991	F	19	9/29/2020	No change in status
Tern, California least	<i>Sterna antillarum browni</i>	6/2/1970	E	9/27/1985	RF(1)	72	7/9/2020	No change in status
Tern, least (Interior DPS)	<i>Sterna antillarum</i>	5/28/1985	E	9/19/1990	F	36	10/24/2013	Delist due to recovery
Tern, roseate (Northeast U.S. nesting population DPS)	<i>Sterna dougallii dougallii</i>	11/2/1987	E	11/5/1998	RF(1)	30	8/24/2020	No change in status
Tern, roseate (Western Hemisphere DPS)	<i>Sterna dougallii dougallii</i>	11/2/1987	T	9/24/1993	F	8	9/30/2010	No change in status
Thrush, large Kauai (=kamao)	<i>Myadestes myadestinus</i>	10/13/1970	E	9/4/2019	RD(2)	82	3/28/2019	Delist due to extinction
Thrush, Molokai	<i>Myadestes lanaiensis rutha</i>	10/13/1970	E	9/22/2006	RF(1)	5	6/24/2018	No change in status
Thrush, small Kauai (=puaiohi)	<i>Myadestes palmeri</i>	3/11/1967	E	9/4/2019	RD(2)	82	4/15/2018	No change in status
Towhee, Inyo California	<i>Pipilo crissalis eremophilus</i>	8/3/1987	T	4/10/1998	F	18	11/4/2013	Delist due to recovery
Vireo, least Bell's	<i>Vireo bellii pusillus</i>	5/2/1986	E	5/6/1998	D	34	9/26/2006	Downlist to T
Warbler (=wood), Bachman's	<i>Vermivora bachmanii</i>	3/11/1967	E	Exempt	Exempt	Exempt	5/6/2015	No change in status
Warbler (=wood), golden-cheeked	<i>Dendroica chrysoparia</i>	5/4/1990	E	9/30/1992	F	9	8/26/2014	No change in status
Warbler, elfin-woods	<i>Setophaga angelae</i>	7/22/2016	T	6/30/2020	O	N/A	N/A	N/A
Warbler, nightingale reed (old world warbler)	<i>Acrocephalus luscini</i>	6/2/1970	E	4/10/1998	F	8	8/28/2020	No change in status
White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	8/27/1984	E	9/28/1990	F	8	12/18/2019	Delist due to extinction
White-eye, Rota bridled	<i>Zosterops rotensis</i>	1/22/2004	E	10/19/2007	F	16	8/28/2020	No change in status
Woodpecker, ivory-billed	<i>Campephilus principalis</i>	3/11/1967	E	4/16/2010	F	N/A	6/3/2019	Delist due to extinction
Woodpecker, red-cockaded	<i>Picoides borealis</i>	10/13/1970	E	1/27/2003	RF(2)	246	10/8/2020	Downlist to T

Table B. Recovery Data for FY 2019-2020

Table B-3. Species, recovery plan, and recovery status information for listed reptile species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Anole, Culebra Island giant	<i>Anolis roosevelti</i>	8/22/1977	E	1/28/1983	F	2	1/14/2014	No change in status
Boa, Mona	<i>Epicrates monensis monensis</i>	3/6/1978	T	4/19/1984	F	9	10/27/2020	No change in status
Boa, Puerto Rican	<i>Epicrates inornatus</i>	10/13/1970	E	3/27/1986	F	10	9/16/2011	No change in status
Boa, Virgin Islands tree	<i>Chilabothrus granti</i>	10/13/1970	E	3/27/1986	F	12	9/30/2020	Downlist to T
Crocodile, American (FL DPS)	<i>Crocodylus acutus</i>	10/28/1975	T	5/18/1999	F	6	3/20/2007	Downlist to T
Gartersnake, narrow-headed	<i>Thamnophis rufipunctatus</i>	7/8/2014	T	N/A	N/A	N/A	N/A	N/A
Gartersnake, northern Mexican	<i>Thamnophis eques megalops</i>	7/8/2014	T	N/A	N/A	N/A	N/A	N/A
Iguana, Mona ground	<i>Cyclura stejnegeri</i>	3/6/1978	T	4/19/1984	F	13	3/4/2015	No change in status
Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	3/11/1967	E	9/30/1998	F	37	7/15/2020	No change in status
Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	9/25/1980	T	9/11/1985	F	32	8/6/2010	No change in status
Lizard, St. Croix ground	<i>Ameiva polops</i>	7/5/1977	E	3/29/1984	F	9	9/16/2019	No change in status
Massasauga (=rattlesnake), eastern	<i>Sistrurus catenatus</i>	9/30/2016	T	8/21/2019	D	N/A	N/A	N/A
Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	8/21/1978	T	3/22/1985	F	12	9/19/2019	No change in status
Sea turtle, green (Central North Pacific DPS)	<i>Chelonia mydas</i>	5/6/2016	T	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (Central South Pacific DPS)	<i>Chelonia mydas</i>	5/6/2016	E	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (Central West Pacific DPS)	<i>Chelonia mydas</i>	5/6/2016	E	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, green (North Atlantic DPS)	<i>Chelonia mydas</i>	5/6/2016	T	10/29/1991	RF(1)	N/A	N/A	N/A
Sea turtle, green (South Atlantic DPS)	<i>Chelonia mydas</i>	5/6/2016	T	10/29/1991	RF(1)	N/A	N/A	N/A
Sea turtle, green (Southwest Pacific DPS)	<i>Chelonia mydas</i>	5/6/2016	T	1/12/1998	RF(1)	N/A	N/A	N/A
Sea turtle, hawksbill	<i>Eretmochelys imbricata</i>	6/2/1970	E	01/12/1998, 12/15/1993	RF(1)	82	6/3/2013	No change in status
Sea turtle, Kemp's ridley	<i>Lepidochelys kempii</i>	12/2/1970	E	9/22/2011	RF(2)	58	7/31/2015	No change in status
Sea turtle, leatherback	<i>Derموchelys coriacea</i>	6/2/1970	E	01/12/1998, 04/06/1992	RF(1)	88	8/10/2020	No change in status
Sea turtle, loggerhead (North Pacific Ocean DPS)	<i>Caretta caretta</i>	7/23/1978	E	1/12/1998	RF(1)	N/A	8/27/2007	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sea turtle, loggerhead (Northwest Atlantic Ocean DPS)	<i>Caretta caretta</i>	7/23/1978	T	12/31/2008	RF(2)	51	8/27/2007	No change in status
Sea turtle, olive ridley	<i>Lepidochelys olivacea</i>	7/28/1978	T	1/12/1998	RF(1)	20	6/18/2014	No change in status
Skink, bluetail mole	<i>Eumeces egregius lividus</i>	11/6/1987	T	5/18/1999	F	18	8/2/2007	No change in status
Skink, sand	<i>Neoseps reynoldsi</i>	11/6/1987	T	5/18/1999	F	18	8/2/2007	No change in status
Skink, Slevin's	<i>Emoia slevini</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
Snake, Atlantic salt marsh	<i>Nerodia clarkii taeniata</i>	12/29/1977	T	12/15/1993	F	9	9/30/2019	No change in status
Snake, black pine	<i>Pituophis melanoleucus lodingi</i>	11/5/2015	T	4/11/2017	O	N/A	N/A	N/A
Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	1/29/1997	T	12/5/2008	F	23	9/5/2018	Uplist to E
Snake, eastern indigo	<i>Drymarchon corais couperi</i>	3/3/1978	T	9/27/2019	RF(1)	N/A	8/30/2019	No change in status
Snake, giant garter	<i>Thamnophis gigas</i>	10/20/1993	T	9/28/2017	F	4	6/10/2020	No change in status
Snake, Louisiana pine	<i>Pituophis ruthveni</i>	5/7/2018	T	5/7/2018	O	N/A	N/A	N/A
Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	3/11/1967	E	9/11/1985	F	49	5/21/2020	No change in status
Tortoise, desert (Mojave DPS)	<i>Gopherus agassizii</i>	8/20/1980	T	5/6/2011	F	32	9/30/2010	No change in status
Tortoise, gopher (West of Mobile and Tombigbee Rivers DPS)	<i>Gopherus polyphemus</i>	7/7/1987	T	12/26/1990	F	16	7/27/2011	No change in status
Turtle, Alabama red-bellied	<i>Pseudemys alabamensis</i>	6/16/1987	E	9/27/2019	RF(1)	N/A	7/12/2015	No change in status
Turtle, bog (=Muhlenber; Northern DPS)	<i>Clemmys muhlenbergii</i>	11/4/1997	T	5/15/2001	F	33	N/A	N/A
Turtle, flattened musk (Black Warrior River DPS)	<i>Sternotherus depressus</i>	6/11/1987	T	2/26/1990	F	5	7/17/2014	No change in status
Turtle, Plymouth Redbelly	<i>Pseudemys rubriventris bangsi</i>	4/2/1980	E	5/6/1994	RF(2)	17	9/30/2007	No change in status
Turtle, ringed map	<i>Graptemys oculifera</i>	12/23/1986	T	4/8/1988	F	11	1/10/2020	No change in status
Turtle, Sonoyta mud	<i>Kinosternon sonoriense longifemorale</i>	10/20/2017	E	N/A	N/A	N/A	N/A	N/A
Turtle, yellow-blotched map	<i>Graptemys flavimaculata</i>	1/14/1991	T	3/15/1993	F	6	4/25/2018	No change in status
Whipsnake (=striped racer), Alameda	<i>Masticophis lateralis euryxanthus</i>	12/5/1997	T	4/7/2003	D	10	7/8/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-4. Species, recovery plan, and recovery status information for listed amphibian species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Coqui, golden	<i>Eleutherodactylus jasperii</i>	11/11/1977	T	4/19/1984	F	3	9/30/2013	No change in status
Coqui, Llanero	<i>Eleutherodactylus juanariveroi</i>	10/4/2012	E	5/29/2019	F	N/A	8/2/2019	No change in status
Frog, California red-legged	<i>Rana draytonii</i>	5/23/1996	T	5/28/2002	F	42	N/A	N/A
Frog, Chiricahua leopard	<i>Rana chiricahuensis</i>	6/13/2002	T	3/14/2007	F	54	1/28/2011	No change in status
Frog, dusky gopher	<i>Rana sevoosa</i>	12/4/2001	E	9/9/2015	F	35	9/9/2015	No change in status
Frog, mountain yellow-legged (Northern California DPS)	<i>Rana muscosa</i>	6/30/2014	E	N/A	N/A	N/A	N/A	N/A
Frog, mountain yellow-legged (Southern California DPS)	<i>Rana muscosa</i>	7/2/2002	E	12/11/2018	F	24	5/6/2019	No change in status
Frog, Oregon spotted	<i>Rana pretiosa</i>	9/29/2014	T	N/A	N/A	N/A	N/A	N/A
Frog, Sierra Nevada Yellow-legged	<i>Rana sierrae</i>	6/30/2014	E	N/A	N/A	N/A	N/A	N/A
Guajon	<i>Eleutherodactylus cookii</i>	6/11/1997	T	9/24/2004	F	17	8/1/2017	No change in status
Hellbender, Ozark	<i>Cryptobranchus alleganiensis bishopi</i>	11/7/2011	E	N/A	N/A	N/A	5/6/2020	No change in status
Salamander, Austin blind	<i>Eurycea waterlooensis</i>	9/19/2013	E	8/29/2005	D	N/A	9/12/2019	No change in status
Salamander, Barton Springs	<i>Eurycea sosorum</i>	4/30/1997	E	8/29/2005	F	8	9/12/2019	No change in status
Salamander, California tiger (Central California DPS)	<i>Ambystoma californiense</i>	8/4/2004	T	6/6/2017	F	7	10/21/2014	No change in status
Salamander, California tiger (Santa Barbara County DPS)	<i>Ambystoma californiense</i>	1/19/2000	E	12/12/2016	F	15	11/14/2009	No change in status
Salamander, California tiger (Sonoma County DPS)	<i>Ambystoma californiense</i>	7/22/2002	E	5/31/2016	F	5	N/A	N/A
Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	8/18/1989	T	7/25/1991	F	22	8/12/2010	No change in status
Salamander, desert slender	<i>Batrachoseps aridus</i>	6/4/1973	E	8/12/1982	F	18	5/21/2020	No change in status
Salamander, frosted flatwoods	<i>Ambystoma cingulatum</i>	4/1/1999	T	N/A	N/A	N/A	9/13/2019	Uplist to E
Salamander, Georgetown	<i>Eurycea naufragia</i>	3/26/2014	T	N/A	N/A	N/A	N/A	N/A
Salamander, Jemez Mountains	<i>Plethodon neomexicanus</i>	10/10/2013	E	N/A	N/A	N/A	N/A	N/A
Salamander, Jollyville Plateau	<i>Eurycea tonkawae</i>	9/19/2013	T	N/A	N/A	N/A	N/A	N/A
Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	1/3/1977	T	11/23/1983	F	9	5/6/2013	No change in status
Salamander, Reticulated flatwoods	<i>Ambystoma bishopi</i>	2/10/2009	E	N/A	N/A	N/A	8/5/2015	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Salamander, Salado	<i>Eurycea chisholmensis</i>	3/26/2014	T	N/A	N/A	N/A	N/A	N/A
Salamander, San Marcos	<i>Eurycea nana</i>	7/14/1980	T	2/14/1996	RF(1)	26	N/A	N/A
Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	3/11/1967	E	7/2/1999	RD(2)	37	10/8/2019	No change in status
Salamander, Shenandoah	<i>Plethodon shenandoah</i>	8/18/1989	E	9/29/1994	F	10	N/A	N/A
Salamander, Sonora tiger	<i>Ambystoma tigrinum stebbinsi</i>	1/6/1997	E	9/24/2002	F	24	10/4/2007	No change in status
Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	3/11/1967	E	2/14/1996	RF(1)	26	N/A	N/A
Toad, arroyo (=arroyo southwestern)	<i>Anaxyrus californicus</i>	12/16/1994	E	7/24/1999	F	41	12/23/2015	No change in status
Toad, Houston	<i>Bufo houstonensis</i>	10/13/1970	E	9/17/1984	F	13	7/6/2018	No change in status
Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	8/4/1987	T	8/7/1992	F	16	6/21/2016	No change in status
Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	1/17/1984	E	7/16/2015	RF(1)	34	8/20/2019	No change in status
Toad, Yosemite	<i>Anaxyrus canorus</i>	6/30/2014	T	N/A	N/A	N/A	N/A	N/A
Waterdog, black warrior (=Sipsey Fork)	<i>Necturus alabamensis</i>	2/2/2018	E	4/11/2018	O	N/A	N/A	N/A

Table B. Recovery Data for FY 2019-2020

Table B-5. Species, recovery plan, and recovery status information for listed fish species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Catfish, Yaqui	<i>Ictalurus pricei</i>	8/31/1984	T	3/29/1995	F	29	5/30/2019	Uplist to E
Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	10/11/1977	E	10/25/1990	RF(2)	8	8/21/2017	No change in status
Cavefish, Ozark	<i>Amblyopsis rosae</i>	11/1/1984	T	11/14/1989	F	9	8/9/2019	No change in status
Chub, bonytail	<i>Gila elegans</i>	4/23/1980	E	8/1/2002	RF(1)	46	6/27/2019	No change in status
Chub, Chihuahua	<i>Gila nigrescens</i>	10/11/1983	T	4/14/1986	F	11	1/13/2010	Uplist to E
Chub, Gila	<i>Gila intermedia</i>	11/2/2005	E	N/A	N/A	N/A	N/A	N/A
Chub, humpback	<i>Gila cypha</i>	3/11/1967	E	9/19/1990	RF(3)	33	3/19/2018	Downlist to T
Chub, Hutton tui	<i>Gila bicolor ssp.</i>	3/28/1985	T	4/27/1998	F	12	8/30/2019	No change in status
Chub, Owens Tui	<i>Gila bicolor ssp. snyderi</i>	8/5/1985	E	9/30/1998	F	25	5/28/2009	No change in status
Chub, Pahrnagat roundtail	<i>Gila robusta jordani</i>	10/13/1970	E	5/26/1998	F	4	N/A	N/A
Chub, slender	<i>Erimystax cahni</i>	10/11/1977	T	7/29/1983	F	8	3/19/2014	No change in status
Chub, Sonora	<i>Gila ditaenia</i>	4/30/1986	T	9/30/1992	F	3	8/16/2013	No change in status
Chub, spotfin	<i>Erimonax monachus</i>	10/11/1977	T	11/21/1983	F	16	6/27/2019	No change in status
Chub, Virgin River	<i>Gila seminuda (=robusta)</i>	8/24/1989	E	4/19/1995	RF(2)	39	6/5/2020	No change in status
Chub, Yaqui	<i>Gila purpurea</i>	8/31/1984	E	3/29/1995	F	29	10/22/2020	No change in status
Cui-ui	<i>Chasmistes cujus</i>	3/11/1967	E	5/15/1992	RF(2)	27	N/A	N/A
Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	5/10/1982	E	9/28/1990	F	14	N/A	N/A
Dace, blackside	<i>Phoxinus cumberlandensis</i>	6/12/1987	T	8/17/1988	F	9	9/16/2015	No change in status
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	10/10/1989	E	5/12/1998	F	7	6/7/2012	No change in status
Dace, desert	<i>Eremichthys acros</i>	3/11/1967	T	5/27/1997	F	4	3/30/2012	No change in status
Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	10/10/1989	E	5/12/1998	F	8	7/19/2013	No change in status
Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	10/13/1970	E	10/14/2015	RF(1)	18	1/30/2017	No change in status
Dace, Laurel	<i>Chrosomus saylori</i>	9/8/2011	E	11/14/2016	F	11	N/A	N/A
Dace, Moapa	<i>Moapa coriacea</i>	3/11/1967	E	5/16/1996	RF(1)	5	N/A	N/A
Darter, amber	<i>Percina antesella</i>	8/5/1985	E	1/9/2020	F	N/A	10/21/2014	No change in status
Darter, bayou	<i>Etheostoma rubrum</i>	10/28/1975	T	7/10/1990	RF(1)	18	8/20/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Darter, bluemask	Etheostoma akatulo	12/27/1993	E	7/25/1997	F	9	8/5/2020	No change in status
Darter, boulder	Etheostoma wapiti	9/1/1988	E	7/27/1989	F	9	10/2/2017	No change in status
Darter, candy	Etheostoma osburni	12/21/2018	E	10/1/2018	O	N/A	N/A	N/A
Darter, Cherokee	Etheostoma scotti	12/20/1994	T	11/17/2000	F	29	10/21/2014	No change in status
Darter, Cumberland	Etheostoma susanae	9/8/2011	E	5/2/2019	F	8	11/5/2018	No change in status
Darter, diamond	Crystallaria cincotta	8/26/2013	E	N/A	N/A	N/A	8/27/2020	No change in status
Darter, duskytail	Etheostoma percunrum	4/27/1993	E	3/30/1994	F	11	7/27/2012	No change in status
Darter, Etowah	Etheostoma etowahae	12/20/1994	E	11/17/2000	F	29	10/21/2014	No change in status
Darter, fountain	Etheostoma fonticola	10/13/1970	E	2/14/1996	RF(1)	26	N/A	N/A
Darter, goldline	Percina aurolineata	4/22/1992	T	11/17/2000	F	27	5/12/2015	No change in status
Darter, Kentucky arrow	Etheostoma spilotum	11/4/2016	T	2/15/2017	O	N/A	N/A	N/A
Darter, leopard	Percina pantherina	2/27/1978	T	5/3/1993	RD(1)	23	8/31/2012	No change in status
Darter, Maryland	Etheostoma sellare	3/11/1967	E	10/17/1985	RF(1)	17	10/5/2007	No change in status
Darter, Niangua	Etheostoma nianguae	6/12/1985	T	7/17/1989	F	9	3/20/2019	No change in status
Darter, Okaloosa	Etheostoma okaloosae	6/4/1973	T	10/26/1998	RF(1)	22	7/2/2007	Downlist to T
Darter, Pearl	Percina aurora	10/20/2017	T	N/A	N/A	N/A	N/A	N/A
Darter, relict	Etheostoma chienense	12/27/1993	E	7/31/1994	D	6	8/30/2019	Downlist to T
Darter, rush	Etheostoma phytophilum	9/8/2011	E	10/20/2011	O	N/A	10/21/2019	No change in status
Darter, slackwater	Etheostoma boschungii	10/11/1977	T	3/8/1984	F	11	6/24/2008	No change in status
Darter, snail	Percina tanasi	11/10/1975	T	5/5/1983	F	14	3/18/2013	No change in status
Darter, trispot	Etheostoma trisella	1/28/2019	T	1/31/2019	O	N/A	N/A	N/A
Darter, vermilion	Etheostoma chermocki	11/28/2001	E	6/20/2007	F	5	8/1/2019	No change in status
Darter, watercress	Etheostoma nuchale	10/13/1970	E	3/29/1993	RF(2)	12	8/28/2009	No change in status
Darter, yellowcheek	Etheostoma moorei	9/8/2011	E	6/15/2018	F	9	7/29/2019	No change in status
Gambusia, Big Bend	Gambusia gaigei	3/11/1967	E	9/19/1984	F	9	2/9/2012	No change in status
Gambusia, Clear Creek	Gambusia heterochir	3/11/1967	E	1/14/1982	F	3	5/7/2010	No change in status
Gambusia, Pecos	Gambusia nobilis	10/13/1970	E	5/9/1983	F	2	7/6/2018	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Gambusia, San Marcos	<i>Gambusia georgei</i>	7/14/1980	E	2/14/1996	RF(1)	27	8/3/2018	Delist due to extinction
Goby, tidewater	<i>Eucyclogobius newberryi</i>	2/4/1994	E	12/7/2005	F	17	3/13/2014	Downlist to T
Logperch, Conasauga	<i>Percina jenkinsi</i>	8/5/1985	E	1/9/2020	F	N/A	12/3/2019	No change in status
Logperch, Roanoke	<i>Percina rex</i>	8/18/1989	E	3/20/1992	F	13	9/19/2007	No change in status
Madtom, chucky	<i>Noturus crypticus</i>	9/8/2011	E	8/16/2018	F	N/A	8/15/2019	No change in status
Madtom, Neosho	<i>Noturus placidus</i>	5/22/1990	T	9/30/1991	F	19	2/11/2020	No change in status
Madtom, pygmy	<i>Noturus stanauli</i>	4/27/1993	E	9/27/1994	F	8	7/3/2018	No change in status
Madtom, Scioto	<i>Noturus trautmani</i>	10/28/1975	E	Exempt	Exempt	Exempt	11/13/2014	Delist due to extinction
Madtom, smoky	<i>Noturus baileyi</i>	10/26/1984	E	8/9/1985	F	9	6/15/2020	No change in status
Madtom, yellowfin	<i>Noturus flavipinnis</i>	10/11/1977	T	6/23/1983	F	16	6/23/2020	No change in status
Minnow, Devils River	<i>Dionda diaboli</i>	10/20/1999	T	8/22/2005	F	9	9/11/2008	No change in status
Minnow, loach	<i>Tiaroga cobitis</i>	10/28/1986	E	9/30/1991	F	27	8/31/2012	No change in status
Minnow, Rio Grande Silvery	<i>Hybognathus amarus</i>	7/20/1994	E	1/15/2010	RF(1)	43	7/26/2018	No change in status
Pikeminnow, Colorado	<i>Pychocheilus lucius</i>	3/11/1967	E	8/1/2002	RF(2)	32	8/12/2020	No change in status
Poolfish, Pahrump	<i>Empetrichthys latos</i>	3/11/1967	E	3/17/1980	F	32	12/20/2018	No change in status
Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	5/10/1982	E	9/28/1990	F	14	9/30/2020	No change in status
Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	3/11/1967	E	9/2/1981	F	12	8/23/2013	No change in status
Pupfish, desert	<i>Cyprinodon macularius</i>	3/31/1986	E	12/8/1993	F	11	9/30/2010	No change in status
Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	3/11/1967	E	9/28/1990	F	19	N/A	N/A
Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	8/15/1980	E	8/14/1985	F	7	8/28/2013	No change in status
Pupfish, Owens	<i>Cyprinodon radiosus</i>	3/11/1967	E	9/30/1998	F	20	2/4/2009	No change in status
Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	10/13/1970	E	9/28/1990	F	15	N/A	N/A
Salmon, Atlantic (Gulf of Maine DPS)	<i>Salmo salar</i>	6/19/2009	E	1/31/2019	RF(1)	N/A	N/A	N/A
Sculpin, Grotto	<i>Cottus specus</i>	10/25/2013	E	N/A	N/A	N/A	N/A	N/A
Sculpin, pygmy	<i>Cottus paulus (=pygmaeus)</i>	9/28/1989	T	8/6/1991	F	6	7/28/2008	No change in status
Shiner, Arkansas River	<i>Notropis girardi</i>	11/23/1998	T	9/12/2008	D	12	9/29/2020	No change in status
Shiner, beautiful	<i>Cyprinella formosa</i>	8/31/1984	T	3/29/1995	F	29	9/25/2020	No change in status

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Shiner, blue	<i>Cyprinella caerulea</i>	4/22/1992	T	8/30/1995	F	10	10/14/2014	No change in status
Shiner, Cape Fear	<i>Notropis mekistocholas</i>	9/25/1987	E	10/7/1988	F	10	8/21/2017	No change in status
Shiner, palezone	<i>Notropis albizonatus</i>	4/27/1993	E	7/7/1997	F	5	10/20/2020	No change in status
Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	2/20/1987	T	9/30/1992	F	15	8/31/2020	No change in status
Shiner, sharpnose	<i>Notropis oxvrhynchus</i>	8/4/2014	E	3/4/2015	O	3	N/A	N/A
Shiner, smalleye	<i>Notropis buccula</i>	8/4/2014	E	3/4/2015	O	3	N/A	N/A
Shiner, Topeka	<i>Notropis topeka (=tristis)</i>	12/15/1998	E	9/9/2019	D	N/A	1/22/2010	Downlist to T
Silverside, Waccamaw	<i>Menidia extensa</i>	4/8/1987	T	8/11/1993	F	11	9/29/2020	No change in status
Smelt, delta	<i>Hypomesus transpacificus</i>	3/5/1993	T	11/26/1996	F	23	10/10/2019	Uplist to E
Spikedace	<i>Meda fulgida</i>	7/1/1986	E	9/30/1991	F	30	8/31/2012	No change in status
Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	3/28/1985	T	1/20/1994	F	6	N/A	N/A
Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	3/11/1967	T	1/9/1998	F	31	7/3/2018	No change in status
Spinedace, White River	<i>Lepidomeda albivallis</i>	9/12/1985	E	3/28/1994	F	14	1/29/2010	No change in status
Springfish, Hiko White River	<i>Crenichthys bailevi grandis</i>	9/27/1985	E	5/26/1998	F	3	12/18/2012	No change in status
Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	3/31/1986	T	3/15/1997	F	7	8/21/2009	No change in status
Springfish, White River	<i>Crenichthys bailevi bailevi</i>	9/27/1985	E	5/26/1998	F	2	12/18/2012	No change in status
Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	10/13/1970	E	12/26/1985	RF(1)	21	6/15/2009	No change in status
Sturgeon (Gulf subspecies), Atlantic	<i>Acipenser oxyrinchus (=oxvrhynchus) desotoi</i>	9/30/1991	T	9/22/1995	F	37	9/30/2009	No change in status
Sturgeon, Alabama	<i>Scaphirhynchus suttkusi</i>	5/5/2000	E	7/8/2013	F	N/A	8/11/2020	No change in status
Sturgeon, pallid	<i>Scaphirhynchus albus</i>	9/6/1990	E	1/24/2014	RF(1)	3	12/4/2014	No change in status
Sturgeon, white	<i>Acipenser transmontanus</i>	9/6/1994	E	9/23/2019	RF(1)	11	9/25/2018	No change in status
Sucker, June	<i>Chasmistes liorus</i>	3/31/1986	E	6/25/1999	F	51	11/26/2019	Downlist to T
Sucker, Lost River	<i>Deltistes luxatus</i>	7/18/1988	E	1/12/2013	RF(1)	17	9/17/2019	No change in status
Sucker, razorback	<i>Xyrauchen texanus</i>	10/23/1991	E	8/1/2002	RF(1)	50	9/25/2018	Downlist to T
Sucker, Santa Ana	<i>Catostomus santaanae</i>	4/12/2000	T	2/16/2017	F	N/A	3/10/2011	No change in status
Sucker, shortnose	<i>Chasmistes brevirostris</i>	7/18/1988	E	1/12/2013	RF(1)	17	9/17/2019	No change in status
Sucker, Warner	<i>Catostomus warnerensis</i>	9/27/1985	T	4/27/1998	F	15	12/16/2019	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Sucker, Zuni bluehead	<i>Catostomus discobolus varrowi</i>	8/25/2014	E	N/A	N/A	N/A	9/30/2020	No change in status
Sunfish, spring pygmy	<i>Elassoma alabamae</i>	12/2/2013	T	N/A	N/A	N/A	N/A	N/A
Topminnow, barrens	<i>Fundulus julisia</i>	11/20/2019	E	11/20/2019	O	N/A	N/A	N/A
Topminnow, Gila (incl. Yaqui)	<i>Poeciliopsis occidentalis</i>	3/11/1967	E	3/5/1999	F, RD(1)	22	N/A	N/A
Trout, Apache	<i>Oncorhynchus apache</i>	3/11/1967	T	6/30/2009	RF(2)	10	4/28/2010	No change in status
Trout, bull (lower 48 states DPS)	<i>Salvelinus confluentus</i>	6/10/1998	T	9/28/2015	F	757	11/13/2015	No change in status
Trout, Gila	<i>Oncorhynchus gilae</i>	3/11/1967	T	9/10/2003	RF(3)	14	9/16/2020	No change in status
trout, Greenback Cutthroat	<i>Oncorhynchus clarkii stomias</i>	3/11/1967	T	8/29/2019	O	N/A	10/12/2018	No change in status
Trout, Lahontan cutthroat	<i>Oncorhynchus clarkii henshawi</i>	10/13/1970	T	1/30/1995	F	92	3/30/2009	No change in status
Trout, Little Kern golden	<i>Oncorhynchus aguabonita whitei</i>	5/15/1978	T	Exempt	Exempt	Exempt	9/8/2011	No change in status
Trout, Paiute cutthroat	<i>Oncorhynchus clarkii seleniris</i>	3/11/1967	T	9/10/2004	RF(1)	28	9/29/2020	No change in status
Tui chub, Mohave	<i>Gila bicolor ssp. mohavensis</i>	10/13/1970	E	9/12/1984	F	31	8/11/2020	No change in status
Woundfin	<i>Plagopterus argentissimus</i>	10/13/1970	E	4/19/1995	RF(2)	39	6/5/2020	No change in status

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Table B-6. Species, recovery plan, and recovery status information for listed clam species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Acornshell, southern	Epioblasma othcaloogensis	3/17/1993	E	11/17/2000	F	27	10/15/2018	Delist due to extinction
Bankclimber, purple (mussel)	Elliptoideus sloatianus	3/16/1998	T	9/19/2003	F	25	5/1/2020	No change in status
Bean, Choctaw	Villosa choctawensis	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Bean, Cumberland (pearlymussel)	Villosa trabalis	6/14/1976	E	8/22/1984	F	16	3/5/2020	No change in status
Bean, purple	Villosa perpurpurea	1/10/1997	E	5/24/2004	F	24	8/31/2020	No change in status
Bean, rayed	Villosa fabalis	3/15/2012	E	N/A	N/A	N/A	10/24/2018	No change in status
Blossom, green (pearlymussel)	Epioblasma torulosa gubernaculum	6/14/1976	E	7/9/1984	F	4	9/20/2017	Delist due to extinction
Blossom, tubercled (pearlymussel)	Epioblasma torulosa torulosa	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Blossom, turgid (pearlymussel)	Epioblasma turgidula	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Blossom, yellow (pearlymussel)	Epioblasma florentina florentina	6/14/1976	E	1/25/1985	F	2	9/20/2017	Delist due to extinction
Catspaw, white (pearlymussel)	Epioblasma obliquata perobliqua	6/14/1976	E	1/25/1990	F	4	2/28/2013	No change in status
Clubshell	Pleurobema clava	1/22/1993	E	9/21/1994	F	12	8/28/2019	No change in status
Clubshell, black	Pleurobema curtum	4/7/1987	E	11/14/1989	F	7	9/8/2015	No change in status
Clubshell, ovate	Pleurobema perovatum	3/17/1993	E	11/17/2000	F	27	9/12/2019	No change in status
Clubshell, southern	Pleurobema decisum	3/17/1993	E	11/17/2000	F	27	9/23/2019	Downlist to T
Combshell, Cumberlandian	Epioblasma brevidens	1/10/1997	E	5/24/2004	F	24	11/5/2019	No change in status
Combshell, southern	Epioblasma penita	4/7/1987	E	11/14/1989	F	7	9/8/2015	No change in status
Combshell, upland	Epioblasma metastrata	3/17/1993	E	11/17/2000	F	28	10/15/2018	Delist due to extinction
EbonysheIl, round	Fusconaia rotulata	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Elktoe, Appalachian	Alasmidonta raveneliana	11/23/1994	E	8/26/1996	F	11	8/28/2017	No change in status
Elktoe, Cumberland	Alasmidonta atropurpurea	1/10/1997	E	5/24/2004	F	24	7/16/2015	No change in status
Fanshell	Cyprogenia stegaria	6/21/1990	E	7/9/1991	F	11	7/8/2019	No change in status
Fatmucket, Arkansas	Lampsilis powellii	4/5/1990	T	2/10/1992	F	12	5/6/2020	Uplist to E
Heelsplitter, Carolina	Lasmigona decorata	6/30/1993	E	1/17/1997	F	12	5/21/2019	No change in status
Heelsplitter, Inflated	Potamilus inflatus	9/28/1990	T	4/13/1993	F	7	9/5/2018	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Higgins eye (pearlymussel)	Lampsilis higginsii	6/14/1976	E	5/12/2004	RF(1)	22	8/27/2020	No change in status
Hornshell, Texas	Popenaias popeii	3/12/2018	E	4/12/2018	O	N/A	N/A	N/A
Kidneyshell, fluted	Ptychobranhus subtentus	10/28/2013	E	N/A	N/A	N/A	N/A	N/A
Kidneyshell, southern	Ptychobranhus jonesi	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Kidneyshell, triangular	Ptychobranhus greenii	3/17/1993	E	11/17/2000	F	28	9/12/2019	No change in status
Lampmussel, Alabama	Lampsilis virescens	6/14/1976	E	7/2/1985	F	17	4/23/2020	No change in status
Lance, yellow	Elliptio lanceolata	5/3/2018	T	5/3/2018	O	N/A	N/A	N/A
Lilliput, pale (pearlymussel)	Toxolasma cylindrellus	6/14/1976	E	8/22/1984	F	14	8/31/2011	No change in status
Mapleleaf, winged	Quadrula fragosa	6/20/1991	E	6/25/1997	F	34	5/6/2015	No change in status
Moccasinshell, Alabama	Medionidus acutissimus	3/17/1993	T	11/17/2000	F	28	9/12/2019	No change in status
Moccasinshell, Coosa	Medionidus parvulus	3/17/1993	E	11/17/2000	F	28	9/12/2019	No change in status
Moccasinshell, Gulf	Medionidus penicillatus	3/16/1998	E	9/19/2003	F	26	9/17/2020	No change in status
Moccasinshell, Ochlockonee	Medionidus simpsonianus	3/16/1998	E	9/19/2003	F	26	8/28/2020	No change in status
Moccasinshell, Suwannee	Medionidus walkeri	11/7/2016	T	12/16/2016	O	N/A	N/A	N/A
Monkeyface, Appalachian (pearlymussel)	Quadrula sparsa	6/14/1976	E	7/9/1984	F	21	8/31/2020	No change in status
Monkeyface, Cumberland (pearlymussel)	Quadrula intermedia	6/14/1976	E	7/9/1984	F	16	7/28/2011	No change in status
Mucket, Neosho	Lampsilis rafinesqueana	10/17/2013	E	5/2/2019	F	15	5/5/2020	No change in status
Mucket, oranogenacre	Lampsilis perovalis	3/17/1993	T	11/17/2000	F	27	9/12/2019	No change in status
Mucket, pink (pearlymussel)	Lampsilis abrupta	6/14/1976	E	1/24/1985	F	5	7/23/2019	No change in status
Mussel, oyster	Epioblasma capsaeformis	1/10/1997	E	5/24/2004	F	24	3/12/2019	No change in status
Mussel, scaleshell	Leptodea leptodon	10/9/2001	E	2/16/2010	F	23	12/10/2010	No change in status
Mussel, sheepnose	Plethobasus cyphus	4/12/2012	E	N/A	N/A	N/A	8/28/2020	No change in status
Mussel, snuffbox	Epioblasma triquetra	3/15/2012	E	N/A	N/A	N/A	2/20/2019	No change in status
Pearlshell, Alabama	Margaritifera marrianae	10/10/2012	E	N/A	N/A	N/A	N/A	N/A
Pearlshell, Louisiana	Margaritifera hembeli	2/5/1988	T	9/27/2019	F	7	9/29/2017	No change in status
Pearlymussel, birdwing	Lemiox rimosus	6/14/1976	E	7/9/1984	F	17	4/29/2020	No change in status
Pearlymussel, cracking	Hemistena lata	9/28/1989	E	7/11/1991	F	10	12/5/2019	No change in status

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Pearlymussel, Curtis	Epioblasma florentina curtisii	6/14/1976	E	2/4/1986	F	9	3/2/2010	No change in status
Pearlymussel, dromedary	Dromus dromas	6/14/1976	E	7/9/1984	F	17	4/29/2020	No change in status
Pearlymussel, littlewing	Pegias fabula	11/14/1988	E	9/22/1989	F	7	1/8/2020	No change in status
Pearlymussel, slabside	Pleuroaia dolabelloides	10/28/2013	E	N/A	N/A	N/A	N/A	N/A
Pigtoe, Cumberland	Pleurobema gibberum	5/7/1991	E	8/13/1992	F	6	8/24/2015	No change in status
Pigtoe, dark	Pleurobema furvum	3/17/1993	E	11/17/2000	F	27	9/12/2019	No change in status
Pigtoe, finerayed	Fusconaia cuneolus	6/14/1976	E	9/19/1984	F	13	10/23/2013	No change in status
Pigtoe, flat	Pleurobema marshalli	4/7/1987	E	11/14/1989	F	7	9/8/2015	Delist due to extinction
Pigtoe, fuzzy	Pleurobema strodeanum	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pigtoe, Georgia	Pleurobema hanlevianum	12/2/2010	E	10/30/2014	F	N/A	N/A	N/A
Pigtoe, heavy	Pleurobema taitianum	4/7/1987	E	11/14/1989	F	7	9/8/2015	No change in status
Pigtoe, narrow	Fusconaia escambia	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pigtoe, oval	Pleurobema pyriforme	3/16/1998	E	9/19/2003	F	26	5/1/2020	No change in status
Pigtoe, rough	Pleurobema plenum	6/14/1976	E	8/6/1984	F	13	9/1/2014	No change in status
Pigtoe, shiny	Fusconaia cor	6/14/1976	E	7/9/1984	F	11	10/23/2013	No change in status
Pigtoe, southern	Pleurobema georgianum	3/17/1993	E	11/17/2000	F	28	9/12/2019	No change in status
Pigtoe, tapered	Fusconaia burkei	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Pimpleback, orangefoot (pearlymussel)	Plethobasus cooperianus	6/14/1976	E	9/30/1984	F	12	4/4/2018	No change in status
Pocketbook, fat	Potamilus capax	6/14/1976	E	11/14/1989	RF(1)	10	12/26/2019	Delist due to recovery
Pocketbook, finelined	Lampsilis altilis	3/17/1993	T	11/17/2000	F	28	9/12/2019	No change in status
Pocketbook, Ouachita rock	Arkansia wheeleri	10/23/1991	E	3/30/2004	F	5	8/31/2018	No change in status
Pocketbook, shinyrayed	Lampsilis subangulata	3/16/1998	E	9/19/2003	F	25	9/17/2020	No change in status
Pocketbook, speckled	Lampsilis streckeri	2/28/1989	E	1/2/1992	F	11	3/17/2015	No change in status
Purple Cat's paw (=Purple Cat's paw pearlymussel)	Epioblasma obliquata obliquata	7/10/1990	E	3/10/1992	F	3	4/21/2020	No change in status
Rabbitsfoot	Quadrula cylindrica cylindrica	10/17/2013	T	N/A	N/A	N/A	6/17/2020	No change in status
Rabbitsfoot, rough	Quadrula cylindrica strigillata	1/10/1997	E	5/24/2004	F	24	N/A	N/A
Riffleshell, northern	Epioblasma torulosa rangiana	1/22/1993	E	9/21/1994	F	13	8/28/2019	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Riffleshell, tan	<i>Epioblasma florentina walkeri</i> (=E. walkeri)	9/26/1977	E	10/22/1984	F	12	9/26/2013	No change in status
Ring pink (mussel)	<i>Obovaria retusa</i>	9/29/1989	E	3/25/1991	F	9	9/27/2019	No change in status
Sandshell, Southern	<i>Hamiota australis</i>	10/10/2012	T	N/A	N/A	N/A	N/A	N/A
Slabshell, Chipola	<i>Elliptio chipolaensis</i>	3/16/1998	T	9/19/2003	F	25	9/17/2007	No change in status
Spectaclecase (mussel)	<i>Cumberlandia monodonta</i>	4/12/2012	E	1/6/2014	O	N/A	8/12/2019	No change in status
Spinymussel, Altamaha	<i>Elliptio spinosa</i>	11/10/2011	E	12/7/2011	O	N/A	7/15/2019	No change in status
Spinymussel, James	<i>Pleurobema collina</i>	7/22/1988	E	9/24/1990	F	13	8/29/2008	No change in status
Spinymussel, Tar River	<i>Elliptio steinstansana</i>	6/27/1985	E	5/5/1992	RF(1)	13	11/2/2020	No change in status
Stirrupshell	<i>Quadrula stapes</i>	4/7/1987	E	11/14/1989	F	7	9/8/2015	Delist due to extinction
Threeridge, fat (mussel)	<i>Amblema neislerii</i>	3/16/1998	E	9/19/2003	F	25	9/17/2007	No change in status
Wartyback, white (pearlymussel)	<i>Plethobasus cicatricosus</i>	6/14/1976	E	9/19/1984	F	7	9/9/2016	No change in status
Wedgemussel, dwarf	<i>Alasmidonta heterodon</i>	3/14/1990	E	2/8/1993	F	9	8/28/2019	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-7. Species, recovery plan, and recovery status information for listed snail species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Ambersnail, Kanab	Oxyloma haydeni kanabensis	8/8/1991	E	10/12/1995	F	11	8/25/2011	No change in status
Campeloma, slender	Campeloma decampi	2/25/2000	E	N/A	N/A	N/A	2/5/2020	No change in status
Cavesnail, Tumbling Creek	Antrobia culveri	8/14/2002	E	9/15/2003	F	38	3/21/2014	No change in status
Elimia, lacy (snail)	Elimia crenatella	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Hornsnail, rough	Pleurocera foremani	12/2/2010	E	10/30/2014	F	N/A	N/A	N/A
Limpet, Banbury Springs	Lanx sp.	12/14/1992	E	11/26/1995	F	17	9/9/2018	No change in status
Lioplax, cylindrical (snail)	Lioplax cyclostomaformis	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Marstonia, royal (snail)	Pyrgulopsis ogmorhaphae	4/15/1994	E	8/11/1995	F	11	3/30/2020	No change in status
Pebblesnail, flat	Lepyrium showalteri	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Riversnail, Anthony's	Athearnia anthonyi	4/15/1994	E	8/13/1997	F	7	2/8/2018	No change in status
Rocks nail, interrupted (=Georgia)	Leptoxis foremani	12/2/2010	E	10/30/2014	F	N/A	3/24/2020	No change in status
Rocks nail, painted	Leptoxis taeniata	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Rocks nail, plicate	Leptoxis plicata	10/28/1998	E	12/2/2005	F	23	7/8/2016	No change in status
Rocks nail, round	Leptoxis ampla	10/28/1998	T	12/2/2005	F	23	7/8/2016	No change in status
Snail, (no common name)	Ostodes strigatus	10/24/2016	E	12/9/2019	O	N/A	N/A	N/A
Snail, (no common name; zebrina)	Eua zebrina	10/24/2016	E	12/9/2019	O	N/A	N/A	N/A
Snail, armored	Pyrgulopsis (=Marstonia) pachyta	2/25/2000	E	7/1/1994	D	N/A	4/23/2020	No change in status
Snail, Bliss Rapids	Taylorconcha serpenticola	12/14/1992	T	11/26/1995	F	21	9/9/2018	No change in status
Snail, Chittenango ovate amber	Succinea chittenangoensis	8/2/1978	T	7/11/2006	RF(1)	23	5/28/2019	Uplist to E
Snail, flat-spined three-toothed	Triodopsis platysavoides	8/2/1978	T	5/9/1983	F	12	8/23/2019	No change in status
Snail, fragile tree	Samoana fragilis	11/2/2015	E	2/3/2020	O	N/A	8/7/2020	No change in status
Snail, Guam tree	Partula radiolata	11/2/2015	E	2/3/2020	O	N/A	8/7/2020	No change in status
Snail, Humped tree	Partula gibba	11/2/2015	E	2/3/2020	O	N/A	8/7/2020	No change in status
Snail, Iowa Pleistocene	Discus macclintocki	8/2/1978	E	3/22/1984	F	11	3/3/2020	No change in status
Snail, Lanai tree	Partulina variabilis	6/27/2013	E	10/31/2019	O	N/A	8/7/2020	No change in status
Snail, Lanai tree (semicarinata)	Partulina semicarinata	6/27/2013	E	10/31/2019	O	N/A	8/7/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Snail, Langford's tree	<i>Partula langfordi</i>	11/2/2015	E	2/3/2020	O	N/A	8/7/2020	No change in status
Snail, Morro shoulderband (=Banded dune)	<i>Helminthoglypta walkeriana</i>	12/15/1994	E	9/28/1998	F	11	9/11/2006	Downlist to T
Snail, Newcomb's	<i>Erinna newcombi</i>	1/26/2000	T	9/4/2019	RD(1)	30	9/5/2017	No change in status
Snail, noonday	<i>Mesodon clarki nantahala</i>	8/2/1978	T	9/7/1984	F	14	1/31/2020	No change in status
Snail, painted snake coiled forest	<i>Anguispira picta</i>	8/2/1978	T	10/14/1982	F	7	7/29/2016	No change in status
Snail, Pecos assiminea	<i>Assiminea pecos</i>	8/9/2005	E	10/17/2019	F	N/A	5/5/2020	No change in status
Snail, Snake River physa	<i>Physa natricina</i>	12/14/1992	E	11/26/1995	F	14	9/5/2018	No change in status
Snail, Stock Island tree	<i>Orthalicus reses (not incl. nesodryas)</i>	8/2/1978	T	5/18/1999	F	28	9/11/2009	No change in status
Snail, tulotoma	<i>Tulotoma magnifica</i>	1/9/1991	T	11/17/2000	F	27	12/11/2019	No change in status
Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	8/2/1978	E	5/9/1983	F	6	1/29/2008	No change in status
Snails, Oahu tree	<i>Achatinella spp.</i>	2/12/1981	E	6/30/1992	F	20	9/28/2019	No change in status
Springsnail, Alamosa	<i>Tryonia alamosae</i>	9/30/1991	E	8/31/1994	F	6	7/26/2018	No change in status
Springsnail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	1/25/1993	E	9/30/2002	F	13	9/25/2018	No change in status
Springsnail, Chupadera	<i>Pyrgulopsis chupaderae</i>	8/13/2012	E	N/A	N/A	N/A	10/22/2019	No change in status
Springsnail, Koster's	<i>Juturnia kosteri</i>	8/9/2005	E	10/17/2019	F	N/A	5/5/2020	No change in status
Springsnail, Phantom	<i>Pyrgulopsis texana</i>	8/8/2013	E	N/A	N/A	N/A	N/A	N/A
Springsnail, Roswell	<i>Pyrgulopsis roswellensis</i>	8/9/2005	E	10/17/2019	F	N/A	5/5/2020	No change in status
springsnail, San Bernardino	<i>Pyrgulopsis bernardina</i>	5/17/2012	T	N/A	N/A	N/A	N/A	N/A
Springsnail, Socorro	<i>Pyrgulopsis neomexicana</i>	9/30/1991	E	8/31/1994	F	6	8/11/2020	No change in status
Springsnail, Three Forks	<i>Pyrgulopsis trivialis</i>	5/17/2012	E	N/A	N/A	N/A	N/A	N/A
Tree snail, Newcomb's	<i>Newcombia cumingi</i>	6/27/2013	E	10/31/2019	O	N/A	8/7/2020	No change in status
Tryonia, Diamond	<i>Pseudotryonia adamantina</i>	7/9/2013	E	N/A	N/A	N/A	9/23/2019	No change in status
Tryonia, Gonzales	<i>Tryonia circumstriata (=stocktonensis)</i>	7/9/2013	E	N/A	N/A	N/A	9/23/2019	No change in status
Tryonia, Phantom	<i>Tryonia cheatumi</i>	7/9/2013	E	N/A	N/A	N/A	N/A	N/A

Table B. Recovery Data for FY 2019-2020

Table B-8. Species, recovery plan, and recovery status information for listed insect species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Beetle, [no common name; exilis)	<i>Rhadine exilis</i>	12/26/2000	E	9/12/2011	F	9	8/29/2011	No change in status
Beetle, [no common name]	<i>Rhadine infernalis</i>	12/26/2000	E	9/12/2011	F	9	8/29/2011	No change in status
Beetle, American burying	<i>Nicrophorus americanus</i>	7/13/1989	T	9/27/1991	F	20	5/3/2019	Downlist to T
Beetle, Casey's June	<i>Dinacoma caseyi</i>	10/24/2011	E	4/1/2013	O	N/A	N/A	N/A
Beetle, Coffin Cave mold	<i>Batrisodes texanus</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, Comal Springs dryopid	<i>Strygoparnus comalensis</i>	12/18/1997	E	2/14/1996	CS	25	N/A	N/A
Beetle, Comal Springs riffle	<i>Heterelmis comalensis</i>	12/18/1997	E	2/14/1996	CS	27	N/A	N/A
Beetle, delta green ground	<i>Elaphrus viridis</i>	8/8/1980	T	12/15/2005	F	11	2/4/2009	No change in status
Beetle, Helotes mold	<i>Batrisodes venyivi</i>	12/26/2000	E	9/12/2011	F	7	8/26/2020	No change in status
Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	3/7/1994	E	9/27/2006	F	13	7/5/2012	No change in status
Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, Mount Hermon June	<i>Polyphylla barbata</i>	1/24/1997	E	9/28/1998	F	24	8/17/2009	No change in status
Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	8/8/1980	T	10/4/2019	RF(1)	N/A	9/17/2014	No change in status
Bumble bee, Rusty patched	<i>Bombus affinis</i>	3/21/2017	E	1/23/2020	D	N/A	N/A	N/A
Butterfly, Bartram's hairstreak	<i>Strymon acis bartrami</i>	9/11/2014	E	N/A	N/A	N/A	N/A	N/A
Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	9/18/1987	T	9/30/1998	F	20	8/17/2009	Uplist to E
Butterfly, Behren's silverspot	<i>Speyeria zerene behrensi</i>	12/5/1997	E	3/10/2016	F	9	8/12/2020	No change in status
Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	12/5/1997	E	N/A	N/A	N/A	7/22/2020	No change in status
Butterfly, El Segundo blue	<i>Euphilotes battoides allyni</i>	6/8/1976	E	9/28/1998	F	12	3/31/2008	No change in status
Butterfly, Fender's blue	<i>Icaricia icarioides fenderi</i>	1/25/2000	E	5/20/2010	F	25	3/6/2019	Downlist to T
Butterfly, Florida leafwing	<i>Anaea troglodyta floridalis</i>	9/11/2014	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Island marble	<i>Euchloe ausonides insulanus</i>	6/4/2020	E	5/22/2020	O	N/A	N/A	N/A
Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	12/14/1992	E	8/25/2003	F	72	12/17/2019	No change in status
Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	6/8/1976	E	4/25/1984	RF(1)	20	8/31/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	6/8/1976	E	12/26/1985	F	10	8/12/2020	No change in status
Butterfly, Mariana eight-spot	<i>Hypolimnas octocula marianensis</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
Butterfly, Mariana wandering	<i>Vagrans egistina</i>	11/2/2015	E	2/3/2020	O	N/A	9/26/2020	No change in status
Butterfly, Miami Blue	<i>Cyclargus (=Hemiargus) thomasi bethunebakeri</i>	4/6/2012	E	4/4/2012	F	N/A	N/A	N/A
Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	6/8/1976	E	10/10/1984	F	26	2/16/2010	No change in status
Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	6/25/1991	E	4/2/1998	F	31	8/28/2014	No change in status
Butterfly, Mount Charleston blue	<i>Icaricia (Plebejus) shasta charlestonensis</i>	10/21/2013	E	N/A	N/A	N/A	N/A	N/A
Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtilae</i>	6/22/1992	E	9/29/1998	F	10	2/4/2009	No change in status
Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	7/2/1980	T	8/22/2001	RF(1)	30	1/3/2012	Uplist to E
Butterfly, Palos Verdes blue	<i>Glaucopteryx lygdamus palosverdesensis</i>	7/2/1980	E	1/19/1984	F	25	1/9/2014	No change in status
Butterfly, Quino checkerspot	<i>Euphydryas editha quino (=E. e. wrightii)</i>	1/16/1997	E	9/17/2003	F	27	8/18/2009	No change in status
Butterfly, Saint Francis' satyr	<i>Neonympha mitchellii francisci</i>	4/18/1994	E	4/23/1996	F	7	5/22/2020	No change in status
Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	6/8/1976	E	10/10/1984	F	19	2/16/2010	No change in status
Butterfly, Schaus swallowtail	<i>Heraclides aristodemus ponceanus</i>	4/28/1976	E	5/18/1999	F	45	9/23/2008	No change in status
Butterfly, Smith's blue	<i>Euphilotes enoptes smithi</i>	6/8/1976	E	11/9/1984	F	46	9/3/2020	No change in status
Butterfly, Uncompahgre fritillary	<i>Boloria acrocneuma</i>	6/24/1991	E	3/17/1994	F	17	9/28/2018	No change in status
Checkerspot, Taylor's (=whulge)	<i>Euphydryas editha taylori</i>	11/4/2013	E	N/A	N/A	N/A	N/A	N/A
Damselfly, blackline Hawaiian	<i>Megalagrion nigrohamatum nigrolineatum</i>	10/18/2012	E	7/26/2018	O	N/A	8/5/2019	No change in status
Damselfly, crimson Hawaiian	<i>Megalagrion leptodemas</i>	10/18/2012	E	7/26/2018	O	N/A	8/5/2019	No change in status
Damselfly, flying earwig Hawaiian	<i>Megalagrion nesiotis</i>	7/26/2010	E	8/3/2020	O	N/A	9/12/2018	No change in status
Damselfly, oceanic Hawaiian	<i>Megalagrion oceanicum</i>	10/18/2012	E	7/26/2018	O	N/A	8/5/2019	No change in status
Damselfly, orangeblack Hawaiian	<i>Megalagrion xanthomelas</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Damselfly, Pacific Hawaiian	<i>Megalagrion pacificum</i>	7/26/2010	E	8/3/2020	O	N/A	9/27/2018	No change in status
Damselfly, Rota blue	<i>Ischnura luta</i>	11/2/2015	E	2/3/2020	O	N/A	9/29/2020	No change in status
Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	1/26/1995	E	9/27/2001	F	67	4/30/2019	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Fly, Delhi Sands flower-loving	<i>Rhaphiomidas terminatus abdominalis</i>	9/23/1993	E	9/14/1997	F	11	3/31/2008	No change in status
Fly, Hawaiian picture-wing (aglaia)	<i>Drosophila aglaia</i>	5/9/2006	E	5/21/2019	O	N/A	7/15/2019	No change in status
Fly, Hawaiian picture-wing (differens)	<i>Drosophila differens</i>	5/9/2006	E	8/3/2020	O	N/A	5/15/2018	No change in status
Fly, Hawaiian picture-wing (digressa)	<i>Drosophila digressa</i>	11/29/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Fly, Hawaiian picture-wing (hemipeza)	<i>Drosophila hemipeza</i>	5/9/2006	E	5/21/2019	O	N/A	5/19/2019	No change in status
Fly, Hawaiian picture-wing (heteroneura)	<i>Drosophila heteroneura</i>	5/9/2006	E	8/3/2020	O	N/A	9/29/2020	No change in status
Fly, Hawaiian picture-wing (montgomeryi)	<i>Drosophila montgomeryi</i>	5/9/2006	E	5/21/2019	O	N/A	5/19/2019	No change in status
Fly, Hawaiian picture-wing (mulli)	<i>Drosophila mulli</i>	5/9/2006	T	8/3/2020	O	N/A	8/28/2012	No change in status
Fly, Hawaiian picture-wing (musaphilia)	<i>Drosophila musaphilia</i>	5/9/2006	E	9/4/2019	D	33	9/5/2017	No change in status
Fly, Hawaiian picture-wing (neoclavisetae)	<i>Drosophila neoclavisetae</i>	5/9/2006	E	8/3/2020	O	N/A	6/24/2018	No change in status
Fly, Hawaiian picture-wing (obatai)	<i>Drosophila obatai</i>	5/9/2006	E	5/21/2019	O	N/A	5/19/2019	No change in status
Fly, Hawaiian picture-wing (ochrobasis)	<i>Drosophila ochrobasis</i>	5/9/2006	E	8/3/2020	O	N/A	9/26/2020	No change in status
Fly, Hawaiian picture-wing (sharpi)	<i>Drosophila sharpi</i>	5/13/2010	E	9/4/2019	D	33	9/5/2017	No change in status
Fly, Hawaiian picture-wing (substenoptera)	<i>Drosophila substenoptera</i>	5/9/2006	E	5/21/2019	O	N/A	7/15/2019	No change in status
Fly, Hawaiian picture-wing (tarphytrichia)	<i>Drosophila tarphytrichia</i>	5/9/2006	E	5/21/2019	O	N/A	5/19/2019	No change in status
Grasshopper, Zayante band-winged	<i>Trimerotropis infantilis</i>	1/24/1997	E	9/28/1998	F	21	8/17/2009	No change in status
Moth, Blackburn's sphinx	<i>Manduca blackburni</i>	2/1/2000	E	9/28/2005	F	19	8/16/2019	Downlist to T
Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	4/8/1980	T	2/8/1984	F	13	7/20/2020	No change in status
Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	5/20/1985	T	9/28/1990	F	12	9/30/2020	No change in status
Skipper, Carson wandering	<i>Pseudocopaodes eumus obscurus</i>	11/29/2001	E	6/14/2007	F	11	8/27/2012	No change in status
Skipper, Dakota	<i>Hesperia dacotae</i>	11/24/2014	T	1/23/2020	D	N/A	9/17/2019	No change in status
Skipper, Laguna Mountains	<i>Pyrgus ruralis lagunae</i>	1/16/1997	E	5/2/2019	F	N/A	4/29/2019	No change in status
Skipper, Pawnee montane	<i>Hesperia leonardus montana</i>	9/25/1987	T	9/21/1998	F	11	8/26/2020	No change in status
skipperling, Poweshiek	<i>Oarisma poweshiek</i>	11/24/2014	E	N/A	N/A	N/A	9/30/2019	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Stonefly, meltwater lednian	Lednia tumana	12/23/2019	T	12/18/2019	O	N/A	N/A	N/A
Stonefly, western glacier	Zapada glacier	12/23/2019	T	12/18/2019	O	N/A	N/A	N/A
Tiger beetle, Miami	Cicindelidia floridana	11/4/2016	E	N/A	N/A	N/A	N/A	N/A
Tiger beetle, Northeastern beach	Cicindela dorsalis dorsalis	8/7/1990	T	9/29/1994	F	14	8/29/2019	No change in status
Tiger beetle, Ohlone	Cicindela ohlone	10/3/2001	E	9/28/1998	CS	21	11/6/2019	No change in status
Tiger beetle, Puritan	Cicindela puritana	8/7/1990	T	9/29/1993	F	22	7/24/2019	No change in status
Tiger beetle, Salt Creek	Cicindela nevadica lincolniana	10/6/2005	E	1/3/2017	F	N/A	1/25/2016	No change in status
Yellow-faced bee, (anthricinan)	Hylaeus anthracinus	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Yellow-faced bee, (assimulans)	Hylaeus assimulans	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Yellow-faced bee, (hilaris)	Hylaeus hilaris	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
Yellow-faced bee, easy	Hylaeus facilis	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (kuakea)	Hylaeus kuakea	10/31/2016	E	7/26/2018	O	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (longiceps)	Hylaeus longiceps	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Yellow-faced bee, Hawaiian (mana)	Hylaeus mana	10/31/2016	E	7/26/2018	O	N/A	N/A	N/A

Table B. Recovery Data for FY 2019-2020

Table B-9. Species, recovery plan, and recovery status information for listed arachnid species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Harvestman, Bee Creek Cave	<i>Texella reddelli</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Harvestman, Bone Cave	<i>Texella reyesi</i>	9/16/1988	E	8/25/1994	F	18	6/28/2018	No change in status
Harvestman, Cokendolpher Cave	<i>Texella cokendolpheri</i>	12/26/2000	E	9/12/2011	F	5	8/18/2020	No change in status
Meshweaver, Braken Bat Cave	<i>Cicurina venii</i>	12/26/2000	E	9/12/2011	F	8	8/29/2011	No change in status
Meshweaver, Government Canyon Bat Cave	<i>Cicurina vespera</i>	12/26/2000	E	9/12/2011	F	7	9/4/2019	No change in status
Meshweaver, Madla's Cave	<i>Cicurina madla</i>	12/26/2000	E	9/12/2011	F	10	9/10/2019	No change in status
Meshweaver, Robber Baron Cave	<i>Cicurina baronia</i>	12/26/2000	E	9/12/2011	F	5	9/9/2020	No change in status
Pseudoscorpion, Tooth Cave	<i>Tartarocreagris texana</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status
Spider, Government Canyon Bat Cave	<i>Neoleptoneta microps</i>	12/26/2000	E	9/12/2011	F	7	8/29/2011	No change in status
Spider, Kauai cave wolf or pe'e pe'e maka 'ole	<i>Adelocosa anops</i>	1/14/2000	E	9/4/2019	RD(1)	37	9/5/2017	No change in status
Spider, spruce-fir moss	<i>Microhexura montivaga</i>	2/6/1995	E	9/11/1998	F	7	12/2/2014	No change in status
Spider, Tooth Cave	<i>Neoleptoneta myopica</i>	9/16/1988	E	8/25/1994	F	18	7/6/2018	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-10. Species, recovery plan, and recovery status information for listed crustacean species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Amphipod, diminutive	<i>Gammarus hyalleloides</i>	7/9/2013	E	N/A	N/A	N/A	N/A	N/A
Amphipod, Hay's Spring	<i>Stygobromus hayi</i>	2/5/1982	E	9/16/2020	O	N/A	7/15/2020	No change in status
Amphipod, Illinois cave	<i>Gammarus acherondytes</i>	9/3/1998	E	9/20/2002	F	12	4/14/2020	No change in status
Amphipod, Kauai cave	<i>Spelaeorchestia koloana</i>	1/14/2000	E	9/4/2019	RD(1)	37	9/5/2017	No change in status
Amphipod, Noel's	<i>Gammarus desperatus</i>	8/9/2005	E	10/17/2019	F	N/A	5/5/2020	No change in status
Amphipod, Peck's cave	<i>Stygobromus (=Stygonectes) pecki</i>	12/18/1997	E	2/14/1996	CS	25	N/A	N/A
Amphipod, Pecos	<i>Gammarus pecos</i>	7/9/2013	E	N/A	N/A	N/A	9/23/2019	No change in status
Crayfish, Benton County cave	<i>Cambarus aculabrum</i>	4/27/1993	E	10/30/1996	F	13	6/20/2019	No change in status
Crayfish, Big Sandy	<i>Cambarus callainus</i>	5/9/2016	T	9/10/2018	O	N/A	N/A	N/A
Crayfish, Guyandotte River	<i>Cambarus veteranus</i>	5/9/2016	E	9/10/2018	O	N/A	N/A	N/A
Crayfish, Hell Creek Cave	<i>Cambarus zophonastes</i>	4/7/1987	E	9/26/1988	F	10	4/17/2019	No change in status
Crayfish, Nashville	<i>Orconectes shoupi</i>	9/26/1986	E	2/8/1989	RF(1)	10	2/7/2017	Downlist to T
Crayfish, Shasta	<i>Pacifastacus fortis</i>	9/30/1988	E	8/28/1998	F	51	8/17/2009	No change in status
Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	9/19/1994	E	12/15/2005	F	15	6/29/2012	No change in status
Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	9/19/1994	E	12/15/2005	F	18	6/20/2012	No change in status
Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	8/3/1993	E	9/3/1998	F	11	9/30/2008	No change in status
Fairy shrimp, San Diego	<i>Branchinecta sandiegonensis</i>	2/3/1997	E	9/3/1998	F	12	9/30/2008	No change in status
Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	9/19/1994	T	12/15/2005	F	28	9/28/2007	No change in status
Isopod, Lee County cave	<i>Lirceus usdagalun</i>	11/20/1992	E	9/30/1997	F	16	6/10/2014	Downlist to T
Isopod, Madison Cave	<i>Antrolana lira</i>	10/4/1982	T	9/30/1996	F	8	N/A	N/A
Isopod, Socorro	<i>Thermosphaeroma thermophilus</i>	4/26/1978	E	2/16/1982	F	8	11/24/2009	No change in status
Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	9/7/1988	E	9/4/1997	F	7	1/11/2016	No change in status
Shrimp, anchialine pool (chaceorum)	<i>Vetericaris chaceorum</i>	11/29/2013	E	10/31/2019	O	N/A	8/7/2020	No change in status
Shrimp, anchialine pool (hawaiana)	<i>Procaris hawaiana</i>	10/31/2016	E	8/3/2020	O	N/A	8/31/2020	No change in status
Shrimp, California freshwater	<i>Syncaris pacifica</i>	10/31/1988	E	7/31/1998	F	12	9/8/2011	No change in status
Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	10/12/1983	E	10/7/1988	F	5	8/29/2016	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Shrimp, Squirrel Chimney Cave	<i>Palaemonetes cummingi</i>	6/21/1990	T	Exempt	Exempt	Exempt	7/28/2016	No change in status
Tadpole shrimp, vernal pool	<i>Lepidurus packardi</i>	9/19/1994	E	12/15/2005	F	23	9/28/2007	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-11. Species, recovery plan, and recovery status information for listed flowering plant species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
`Ahinahina	<i>Argyroxiphium sandwicense ssp. macrocephalum</i>	5/15/1992	T	7/29/1997	F	23	10/23/2018	No change in status
`Ahinahina	<i>Argyroxiphium sandwicense ssp. sandwicense</i>	3/21/1986	E	9/30/1993	F	23	9/30/2020	No change in status
`Aiakeakua, popolo	<i>Solanum sandwicense</i>	2/25/1994	E	9/20/1995	F	37	9/17/2017	No change in status
`Aiea	<i>Nothocestrum breviflorum</i>	3/4/1994	E	9/26/1996	F	32	9/26/2020	No change in status
`Aiea	<i>Nothocestrum latifolium</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
`Aiea	<i>Nothocestrum peltatum</i>	2/25/1994	E	9/4/2019	RD(1)	57	9/16/2017	No change in status
`Akoko	<i>Euphorbia celastroides var. kaenana</i>	10/29/1991	E	8/10/1998	F	20	9/26/2019	No change in status
`Akoko	<i>Euphorbia deppeana</i>	3/28/1994	E	8/10/1998	F	20	9/26/2019	No change in status
`Akoko	<i>Euphorbia eleanoriae</i>	5/13/2010	E	9/4/2019	D	59	9/13/2017	No change in status
`Akoko	<i>Euphorbia haeleleana</i>	10/10/1996	E	7/10/1999	F	21	9/13/2017	No change in status
`Akoko	<i>Euphorbia herbstii</i>	10/10/1996	E	8/10/1998	F	20	9/26/2019	No change in status
`Akoko	<i>Euphorbia kuwaleana</i>	10/29/1991	E	8/10/1998	F	19	9/26/2019	No change in status
`Akoko	<i>Euphorbia remyi var. kauaiensis</i>	5/13/2010	E	9/4/2019	D	54	9/13/2017	No change in status
`Akoko	<i>Euphorbia remyi var. remyi</i>	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
`Akoko	<i>Euphorbia rockii</i>	10/10/1996	E	8/10/1998	F	20	9/26/2019	No change in status
`Akoko, Ewa Plains	<i>Euphorbia skottsbergii var. skottsbergii</i>	8/24/1982	E	10/5/1993	D	6	9/26/2019	No change in status
`aku	<i>Cyanea tritomantha</i>	11/29/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
`aku`aku	<i>Cyanea platyphylla</i>	10/10/1996	E	9/26/1996	F	29	3/2/2020	No change in status
`Ala `ala wai nui	<i>Peperomia subpetiolata</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
`Anaunau	<i>Lepidium arbuscula</i>	10/10/1996	E	8/10/1998	F	21	9/28/2019	No change in status
`Anunu	<i>Sicyos albus</i>	10/10/1996	E	9/26/1996	F	27	9/30/2020	No change in status
`Anunu	<i>Sicyos macrophyllus</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
`Awikiwiki	<i>Canavalia molokaiensis</i>	10/8/1992	E	9/26/1996	F	16	10/23/2018	No change in status
`Awikiwiki	<i>Canavalia napaliensis</i>	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
`Awikiwiki	<i>Canavalia pubescens</i>	6/27/2013	E	10/31/2019	O	N/A	N/A	N/A

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
`Ena`ena	<i>Pseudognaphalium sandwicense</i> var. <i>molokaiense</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
`Oha wai	<i>Clermontia drepanomorpha</i>	10/10/1996	E	9/26/1996	F	29	9/26/2020	No change in status
`Oha wai	<i>Clermontia lindseyana</i>	3/4/1994	E	9/26/1996	F	34	9/26/2020	No change in status
`Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	10/8/1992	E	9/26/1996	F	20	10/23/2018	No change in status
`Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	5/15/1992	E	7/29/1997	F	29	10/23/2018	No change in status
`Oha wai	<i>Clermontia peleana</i>	3/4/1994	E	9/26/1996	F	30	9/26/2020	No change in status
`Oha wai	<i>Clermontia pyrularia</i>	3/4/1994	E	9/26/1996	F	32	3/2/2020	No change in status
`Oha wai	<i>Clermontia samuelii</i>	9/3/1999	E	7/10/1999	F	22	10/23/2018	No change in status
`Ohe	<i>Joinvillea ascendens</i> <i>ascendens</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
`Ohe`ohe	<i>Polyscias gymnocarpa</i>	3/28/1994	E	8/10/1998	F	19	9/28/2019	No change in status
A`e	<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>	10/10/1996	E	9/26/1996	F	28	9/30/2020	No change in status
A`e	<i>Zanthoxylum hawaiiense</i>	3/4/1994	E	9/26/1996	F	34	8/6/2015	No change in status
A`e	<i>Zanthoxylum oahuense</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
"Akoko	<i>Euphorbia halemanui</i>	5/13/1992	E	9/4/2019	RD(1)	59	9/13/2017	No change in status
Alani	<i>Melicope adscendens</i>	12/5/1994	E	7/29/1997	F	31	10/23/2018	No change in status
Alani	<i>Melicope balloui</i>	12/5/1994	E	7/29/1997	F	24	10/23/2018	No change in status
Alani	<i>Melicope christophersenii</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Alani	<i>Melicope degeneri</i>	5/13/2010	E	9/4/2019	D	57	9/16/2017	No change in status
Alani	<i>Melicope haupuensis</i>	2/25/1994	E	9/4/2019	RD(1)	59	9/16/2017	No change in status
Alani	<i>Melicope hiiakae</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Alani	<i>Melicope knudsenii</i>	2/25/1994	E	9/20/1995	F	31	10/23/2018	No change in status
Alani	<i>Melicope lydgatei</i>	3/28/1994	E	8/10/1998	F	20	9/28/2019	No change in status
Alani	<i>Melicope makahae</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Alani	<i>Melicope mucronulata</i>	5/15/1992	E	7/29/1997	F	31	10/23/2018	No change in status
Alani	<i>Melicope munroi</i>	9/3/1999	E	7/10/1999	F	20	10/23/2018	No change in status
Alani	<i>Melicope ovalis</i>	12/5/1994	E	7/29/1997	F	25	10/23/2018	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Alani	<i>Melicope pallida</i>	2/25/1994	E	9/20/1995	F	27	9/16/2017	No change in status
Alani	<i>Melicope paniculata</i>	5/13/2010	E	9/4/2019	D	55	9/16/2017	No change in status
Alani	<i>Melicope puberula</i>	5/13/2010	E	9/4/2019	D	57	9/16/2017	No change in status
Alani	<i>Melicope quadrangularis</i>	2/25/1994	E	9/4/2019	RD(1)	57	9/16/2017	No change in status
Alani	<i>Melicope reflexa</i>	10/8/1992	E	9/26/1996	F	18	9/28/2019	No change in status
Alani	<i>Melicope saint-johnii</i>	10/10/1996	E	8/10/1998	F	21	9/28/2019	No change in status
Alani	<i>Melicope zahlbruckneri</i>	10/10/1996	E	9/26/1996	F	27	9/30/2020	No change in status
Allocarya, Calistoga	<i>Plagiobothrys strictus</i>	10/22/1997	E	N/A	N/A	N/A	2/16/2010	No change in status
Alopecurus, Sonoma	<i>Alopecurus aequalis var. sonomensis</i>	10/22/1997	E	N/A	N/A	N/A	9/8/2011	No change in status
Amaranth, seabeach	<i>Amaranthus pumilus</i>	4/7/1993	T	11/12/1996	F	11	6/4/2018	No change in status
Ambrosia, San Diego	<i>Ambrosia pumila</i>	7/2/2002	E	N/A	N/A	N/A	7/15/2010	No change in status
Ambrosia, south Texas	<i>Ambrosia cheiranthifolia</i>	8/24/1994	E	8/23/2018	F	N/A	12/30/2010	No change in status
amole, purple	<i>Chlorogalum purpureum</i>	3/20/2000	T	N/A	N/A	N/A	8/31/2020	No change in status
Amphianthus, little	<i>Amphianthus pusillus</i>	2/5/1988	T	7/7/1993	F	10	9/11/2019	No change in status
Aplokating-palaoan	<i>Psychotria malaspinae</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
Arrowhead, bunched	<i>Sagittaria fasciculata</i>	8/31/1979	E	9/8/1983	F	12	8/26/2020	No change in status
Aster, decurrent false	<i>Boltonia decurrens</i>	11/14/1988	T	9/28/1990	F	26	6/18/2020	No change in status
Aster, Florida golden	<i>Chrysopsis floridana</i>	5/16/1986	E	8/29/1988	F	13	5/14/2009	Downlist to T
Aster, Ruth's golden	<i>Pityopsis ruthii</i>	7/18/1985	E	6/11/1992	F	14	9/19/2018	No change in status
Aupaka	<i>Isodendron hosakae</i>	1/14/1991	E	5/23/1994	F	7	9/30/2020	No change in status
Aupaka	<i>Isodendron laurifolium</i>	10/10/1996	E	7/10/1999	F	18	9/14/2017	No change in status
Aupaka	<i>Isodendron longifolium</i>	10/10/1996	T	7/10/1999	F	19	2/7/2019	Uplist to E
Avens, spreading	<i>Geum radiatum</i>	4/5/1990	E	4/28/1993	F	15	3/17/2020	No change in status
Awiji	<i>Schenkia sebaeoides</i>	10/29/1991	E	7/10/1999	F	19	8/19/2013	No change in status
'Awiji	<i>Kadua cookiana</i>	2/25/1994	E	9/20/1995	F	36	10/23/2018	No change in status
Ayenia, Texas	<i>Ayenia limitaris</i>	8/24/1994	E	8/5/2016	F	N/A	6/2/2010	No change in status
Baccharis, Encinitas	<i>Baccharis vanessae</i>	10/7/1996	T	N/A	N/A	N/A	12/22/2011	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Barbara's Buttons, Mohr's	<i>Marshallia mohrii</i>	9/7/1988	T	11/26/1991	F	10	7/21/2016	No change in status
Barberry, island	<i>Berberis pinnata ssp. insularis</i>	7/31/1997	E	9/26/2000	F	18	5/9/2013	No change in status
Barberry, Nevin's	<i>Berberis nevinii</i>	10/13/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Bariaco	<i>Trichilia triacantha</i>	2/5/1988	E	8/20/1991	F	11	8/10/2017	No change in status
Beaked-rush, Knieskern's	<i>Rhynchospora knieskernii</i>	7/18/1991	T	9/29/1993	F	15	7/25/2019	No change in status
bean, sea	<i>Mucuna sloanei var. persericea</i>	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
beardtongue, Parachute	<i>Penstemon debilis</i>	8/26/2011	T	1/23/2013	O	N/A	8/28/2019	No change in status
Beardtongue, Penland	<i>Penstemon penlandii</i>	7/13/1989	E	9/30/1992	F	10	7/2/2019	No change in status
Beargrass, Britton's	<i>Nolina brittoniana</i>	4/27/1993	E	6/20/1996	RF(1)	23	8/26/2019	No change in status
Bear-poppy, Dwarf	<i>Arctomecon humilis</i>	12/6/1979	E	12/31/1985	F	17	9/29/2016	No change in status
Beauty, Harper's	<i>Harperocalis flava</i>	11/1/1979	E	9/14/1983	F	16	2/23/2016	No change in status
Bedstraw, El Dorado	<i>Galium californicum ssp. sierrae</i>	10/18/1996	E	8/30/2002	F	20	5/2/2019	No change in status
Bedstraw, island	<i>Galium buxifolium</i>	7/31/1997	E	9/26/2000	F	17	10/20/2009	No change in status
Bellflower, Brooksville	<i>Campanula robinsiae</i>	7/27/1989	E	6/20/1994	F	10	7/22/2019	No change in status
Birch, Virginia round-leaf	<i>Betula uber</i>	5/27/1978	T	9/24/1990	RF(2)	8	8/26/2020	No change in status
Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	7/1/1986	E	9/30/1998	F	18	6/15/2009	No change in status
Bird's-beak, Pennell's	<i>Cordylanthus tenuis ssp. capillaris</i>	2/3/1995	E	9/30/1998	F	11	5/2/2019	No change in status
Bird's-beak, salt marsh	<i>Cordylanthus maritimus ssp. maritimus</i>	10/29/1978	E	12/06/1985, 08/27/2013	F	52	8/31/2020	No change in status
Bird's-beak, soft	<i>Cordylanthus mollis ssp. mollis</i>	11/20/1997	E	8/27/2013	F	53	8/31/2020	No change in status
Birds-in-a-nest, white	<i>Macbridea alba</i>	5/8/1992	T	6/22/1994	F	8	8/28/2020	No change in status
Bittercress, small-anthered	<i>Cardamine micranthera</i>	9/21/1989	E	7/10/1991	F	8	11/25/2016	No change in status
Bladderpod, Dudley Bluffs	<i>Lesquerella congesta</i>	2/6/1990	T	5/16/2020	F	N/A	6/12/2020	No change in status
Bladderpod, kodachrome	<i>Lesquerella tumulosa</i>	10/6/1993	E	10/27/2009	O	N/A	N/A	N/A
Bladderpod, lyrate	<i>Lesquerella lyrata</i>	9/28/1990	T	10/17/1996	F	5	9/26/2019	No change in status
bladderpod, Missouri	<i>Physaria filiformis</i>	1/8/1987	T	4/7/1988	F	7	1/24/2020	No change in status
Bladderpod, San Bernardino Mountains	<i>Lesquerella kingii ssp. bernardina</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Bladderpod, Short's	<i>Physaria globosa</i>	8/1/2014	E	7/23/2019	D	5	N/A	N/A

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Bladderpod, Spring Creek	<i>Lesquerella perforata</i>	12/23/1996	E	8/24/2006	F	12	9/23/2019	No change in status
Bladderpod, white	<i>Lesquerella pallida</i>	3/11/1987	E	4/13/1990	F	17	8/26/2014	No change in status
Bladderpod, White Bluffs	<i>Physaria douglasii ssp. tuplashensis</i>	5/23/2013	T	8/17/2020	O	N/A	10/14/2020	No change in status
Bladderpod, Zapata	<i>Lesquerella thamnophila</i>	11/22/1999	E	7/14/2004	F	9	8/28/2015	No change in status
Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	5/20/1985	T	9/28/1990	F	5	9/30/2020	No change in status
Blazingstar, Heller's	<i>Liatis helleri</i>	11/19/1987	T	1/28/2000	RF(1)	13	8/26/2020	No change in status
Blazingstar, scrub	<i>Liatis ohlingerae</i>	7/27/1989	E	5/18/1999	F	21	8/16/2010	No change in status
Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	5/13/1992	E	9/4/2019	RD(1)	56	9/17/2017	No change in status
Bluegrass, Mann's	<i>Poa mannii</i>	11/10/1994	E	9/4/2019	RD(1)	56	9/17/2017	No change in status
Bluegrass, Napa	<i>Poa napensis</i>	10/22/1997	E	N/A	N/A	N/A	2/16/2010	No change in status
Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	10/14/1998	E	N/A	N/A	N/A	8/28/2020	No change in status
Blue-star, Kearney's	<i>Amsonia kearneyana</i>	1/19/1989	E	3/27/2020	F	N/A	8/15/2013	No change in status
Bluet, Roan Mountain	<i>Hedyotis purpurea var. montana</i>	4/5/1990	E	5/13/1996	F	20	9/1/2017	No change in status
Bonamia, Florida	<i>Bonamia grandiflora</i>	11/2/1987	T	6/20/1996	RF(1)	23	12/21/2017	No change in status
Boxwood, Vahl's	<i>Buxus vahlii</i>	8/13/1985	E	4/28/1987	F	12	5/22/2019	No change in status
Brickell-bush, Florida	<i>Brickellia mosieri</i>	10/6/2014	E	6/24/2016	O	N/A	N/A	N/A
Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	10/14/1998	T	N/A	N/A	N/A	6/20/2012	No change in status
Brodiaea, thread-leaved	<i>Brodiaea filifolia</i>	10/13/1998	T	N/A	N/A	N/A	8/13/2009	No change in status
Buckwheat, cushenbury	<i>Eriogonum ovalifolium var. vineum</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Buckwheat, Ione (incl. Irish Hill)	<i>Eriogonum apricum (incl. var. prostratum)</i>	5/26/1999	E	N/A	N/A	N/A	8/4/2010	No change in status
Buckwheat, scrub	<i>Eriogonum longifolium var. gnaphalifolium</i>	4/27/1993	T	6/20/1996	RF(1)	22	2/27/2018	No change in status
Buckwheat, steamboat	<i>Eriogonum ovalifolium var. williamsiae</i>	7/8/1986	E	9/20/1995	F	9	4/1/2009	No change in status
Buckwheat, Umtanum Desert	<i>Eriogonum codium</i>	5/23/2013	T	8/21/2019	O	N/A	N/A	N/A
Bully, Everglades	<i>Sideroxylon reclinatum ssp. austrofloridense</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Bulrush, Northeastern	<i>Scirpus ancistrochaetus</i>	5/7/1991	E	8/25/1993	F	14	8/28/2019	Delist due to recovery
Bush-clover, prairie	<i>Lespedeza leptostachya</i>	1/9/1987	T	10/6/1988	F	10	N/A	N/A

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Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	9/12/1977	E	1/26/1984	F	26	7/10/2012	No change in status
Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus var. nesioticus</i>	7/31/1997	E	9/26/2000	F	17	11/20/2012	No change in status
Buttercup, autumn	<i>Ranunculus aestivalis (=acriformis)</i>	7/21/1989	E	9/16/1991	F	19	4/15/2020	No change in status
Butterweed, Layne's	<i>Senecio layneae</i>	10/18/1996	T	8/30/2002	F	23	5/2/2019	No change in status
Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	7/12/1993	T	6/22/1994	F	9	4/9/2018	No change in status
Button-celery, San Diego	<i>Eryngium aristulatum var. parishii</i>	8/3/1993	E	9/3/1998	F	11	9/1/2010	No change in status
Cactus, Acuna	<i>Echinomastus erectocentrus var. acunensis</i>	10/31/2013	E	N/A	N/A	N/A	N/A	N/A
Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus var. arizonicus</i>	11/26/1979	E	9/30/1984	D	N/A	N/A	N/A
Cactus, Bakersfield	<i>Opuntia treleasei</i>	7/19/1990	E	9/30/1998	F	16	7/21/2020	No change in status
Cactus, black lace	<i>Echinocereus reichenbachii var. albertii</i>	11/28/1979	E	3/18/1987	F	15	3/26/2009	No change in status
Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	11/26/1979	E	3/28/1985	F	14	8/31/2012	No change in status
Cactus, Chisos Mountain hedgehog	<i>Echinocereus chisoensis var. chisoensis</i>	9/30/1988	T	12/8/1993	F	31	7/6/2018	No change in status
Cactus, Cochise pincushion	<i>Coryphantha robbinsorum</i>	1/9/1986	T	9/27/1993	F	7	9/2/2020	No change in status
Cactus, Colorado hookless	<i>Sclerocactus glaucus</i>	10/11/1979	T	4/14/2010	O	N/A	3/28/2008	Revision of listed entity
Cactus, Fickeisen plains	<i>Pediocactus peeblesianus fickeiseniae</i>	10/31/2013	E	N/A	N/A	N/A	9/14/2020	No change in status
Cactus, Florida semaphore	<i>Consolea corallicola</i>	11/25/2013	E	8/27/2013	F	N/A	N/A	N/A
Cactus, Key tree	<i>Pilosocereus robinii</i>	7/19/1984	E	5/18/1999	F	35	8/27/2010	No change in status
Cactus, Knowlton's	<i>Pediocactus knowltonii</i>	11/28/1979	E	3/29/1985	F	6	2/4/2010	No change in status
Cactus, Kuenzler hedgehog	<i>Echinocereus fendleri var. kuenzleri</i>	11/28/1979	T	3/28/1985	F	12	5/11/2018	Downlist to T
Cactus, Lee pincushion	<i>Coryphantha sneedii var. leei</i>	11/26/1979	T	3/21/1986	F	13	8/25/2015	No change in status
Cactus, Lloyd's Mariposa	<i>Echinomastus mariposensis</i>	12/6/1979	T	4/13/1990	F	2	7/6/2018	No change in status
Cactus, Mesa Verde	<i>Sclerocactus mesae-verdae</i>	11/29/1979	T	3/30/1984	F	9	11/10/2010	No change in status
Cactus, Nellie cory	<i>Coryphantha minima</i>	12/8/1979	E	9/20/1984	F	1	9/2/2020	No change in status
Cactus, Nichol's Turk's head	<i>Echinocactus horizontalonius var. nicholii</i>	11/28/1979	E	4/14/1986	F	15	7/27/2009	No change in status
Cactus, Pariette	<i>Sclerocactus brevispinus</i>	9/15/2009	T	4/14/2010	O	N/A	8/11/2020	No change in status

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Cactus, Peebles Navajo	<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i>	11/28/1979	E	3/30/1984	F	13	8/28/2008	No change in status
Cactus, Pima pineapple	<i>Coryphantha scheeri</i> var. <i>robustispina</i>	9/23/1993	E	8/27/2018	F	N/A	8/30/2018	No change in status
Cactus, San Rafael	<i>Pediocactus despainii</i>	9/16/1987	E	2/29/2016	D	N/A	8/29/2019	No change in status
Cactus, Siler pincushion	<i>Pediocactus</i> (=Echinocactus,=Utahia) <i>sileri</i>	11/26/1979	T	4/14/1986	F	9	6/25/2018	No change in status
Cactus, Sneed pincushion	<i>Coryphantha sneedii</i> var. <i>sneedii</i>	12/7/1979	E	3/21/1986	F	13	8/25/2015	No change in status
Cactus, star	<i>Astrophytum asterias</i>	10/18/1993	E	9/19/2003	F	20	4/9/2013	No change in status
cactus, Tobusch fishhook	<i>Sclerocactus brevihamatus</i> ssp. <i>tobuschii</i>	12/8/1979	T	3/18/1987	F	21	5/15/2018	Downlist to T
cactus, Uinta Basin hookless	<i>Sclerocactus wetlandicus</i>	9/15/2009	T	4/14/2010	O	N/A	8/11/2020	No change in status
Cactus, Winkler	<i>Pediocactus winkleri</i>	8/20/1998	T	2/29/2016	D	N/A	8/29/2019	No change in status
Cactus, Wright fishhook	<i>Sclerocactus wrightiae</i>	10/11/1979	E	12/24/1985	F	13	8/25/2008	No change in status
Campion, fringed	<i>Silene polypetala</i>	1/18/1991	E	10/1/1996	D	14	3/15/2015	No change in status
Capa rosa	<i>Callicarpa ampla</i>	4/22/1992	E	7/31/1995	F	6	9/8/2015	No change in status
Catchfly, Spalding's	<i>Silene spaldingii</i>	10/10/2001	T	10/12/2007	F	59	9/28/2020	No change in status
Cat's-eye, Terlingua Creek	<i>Cryptantha crassipes</i>	9/30/1991	E	4/5/1994	F	17	5/28/2020	No change in status
Ceanothus, coyote	<i>Ceanothus ferrisae</i>	2/3/1995	E	9/30/1998	F	16	9/8/2011	No change in status
Ceanothus, Pine Hill	<i>Ceanothus roderickii</i>	10/18/1996	E	8/30/2002	F	19	5/2/2019	No change in status
Ceanothus, Vail Lake	<i>Ceanothus ophiochilus</i>	10/13/1998	T	N/A	N/A	N/A	5/28/2020	No change in status
Centauray, spring-loving	<i>Centaureum namophilum</i>	5/20/1985	T	9/28/1990	F	6	10/6/2020	No change in status
Chaff-flower, round-leaved	<i>Achyranthes splendens</i> var. <i>rotundata</i>	3/26/1986	E	10/5/1993	D	3	9/29/2020	No change in status
Chaffseed, American	<i>Schwalbea americana</i>	9/29/1992	E	9/29/1995	F	15	6/27/2019	No change in status
Checker-mallow, Keck's	<i>Sidalcea keckii</i>	2/16/2000	E	N/A	N/A	N/A	7/21/2020	No change in status
Checker-mallow, Kenwood Marsh	<i>Sidalcea oregana</i> ssp. <i>valida</i>	10/22/1997	E	N/A	N/A	N/A	5/2/2019	No change in status
Checker-mallow, Nelson's	<i>Sidalcea nelsoniana</i>	2/12/1993	T	5/20/2010	RF(1)	31	7/11/2012	No change in status
Checker-mallow, pedate	<i>Sidalcea pedata</i>	8/31/1984	E	7/31/1998	F	17	3/18/2011	No change in status
Checkermallow, Wenatchee Mountains	<i>Sidalcea oregana</i> var. <i>calva</i>	12/22/1999	E	9/30/2004	F	22	1/9/2020	No change in status
Chumbo, Higo	<i>Harrisia portoricensis</i>	8/8/1990	T	11/12/1996	F	18	2/6/2018	No change in status

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Chupacallos	<i>Peledendron macranthum</i>	11/25/1994	E	9/11/1998	F	3	6/29/2014	No change in status
Clarkia, Pismo	<i>Clarkia speciosa ssp. immaculata</i>	12/15/1994	E	9/28/1998	F	3	8/17/2009	No change in status
Clarkia, Presidio	<i>Clarkia franciscana</i>	2/3/1995	E	9/30/1998	F	15	11/19/2010	No change in status
Clarkia, Springville	<i>Clarkia springvillensis</i>	10/14/1998	T	N/A	N/A	N/A	8/17/2009	No change in status
Clarkia, Vine Hill	<i>Clarkia imbricata</i>	10/22/1997	E	3/18/2016	F	N/A	5/2/2019	No change in status
Cliffrose, Arizona	<i>Purshia (=Cowania) subintegra</i>	5/29/1984	E	6/16/1995	F	21	8/16/2013	No change in status
Clover, Monterey	<i>Trifolium trichocalyx</i>	8/12/1998	E	8/19/2004	F	8	7/1/2020	No change in status
Clover, running buffalo	<i>Trifolium stoloniferum</i>	6/5/1987	E	6/14/2007	RF(1)	10	8/27/2019	Delist due to recovery
Clover, showy Indian	<i>Trifolium amoenum</i>	10/22/1997	E	N/A	N/A	N/A	6/20/2012	No change in status
Cobana negra	<i>Stahlia monosperma</i>	4/5/1990	T	11/1/1996	F	11	10/7/2020	No change in status
Coneflower, smooth	<i>Echinacea laevigata</i>	10/8/1992	E	4/18/1995	F	10	8/2/2011	Downlist to T
Cory cactus, bunched	<i>Coryphantha ramillosa</i>	12/6/1979	T	4/13/1990	F	3	7/6/2018	No change in status
Crabgrass, Florida pineland	<i>Digitaria pauciflora</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Crownbeard, big-leaved	<i>Verbesina dissita</i>	10/7/1996	T	N/A	N/A	N/A	8/25/2020	No change in status
Crownscale, San Jacinto Valley	<i>Atriplex coronata var. notatior</i>	10/13/1998	E	N/A	N/A	N/A	8/17/2012	No change in status
Cycladenia, Jones	<i>Cycladenia humilis var. jonesii</i>	5/5/1986	T	12/30/2008	O	N/A	N/A	N/A
Daisy, Lakeside	<i>Hymenoxys herbacea</i>	6/23/1988	T	9/19/1990	F	17	4/22/2016	No change in status
Daisy, Parish's	<i>Erigeron parishii</i>	8/24/1994	T	9/30/1997	D	9	8/13/2009	No change in status
Daisy, Willamette	<i>Erigeron decumbens</i>	1/25/2000	E	5/20/2010	F	32	7/29/2019	No change in status
Dawn-flower, Texas prairie	<i>Hymenoxys texana</i>	3/13/1986	E	4/13/1990	F	14	8/26/2015	No change in status
Desert-parsley, Bradshaw's	<i>Lomatium bradshawii</i>	9/30/1988	E	5/20/2010	RF(1)	31	11/27/2017	Delist due to recovery
Dogweed, ashy	<i>Thymophylla tephroleuca</i>	7/19/1984	E	7/29/1988	F	15	10/7/2011	No change in status
Dropwort, Canby's	<i>Oxypolis canbyi</i>	2/25/1986	E	4/10/1990	F	12	7/28/2015	No change in status
Dudleya, Conejo	<i>Dudleya abramsii ssp. parva</i>	1/29/1997	T	9/30/1999	F	4	3/4/2015	No change in status
Dudleya, marcescent	<i>Dudleya cymosa ssp. marcescens</i>	1/29/1997	T	9/30/1999	F	4	8/14/2009	No change in status
Dudleya, Santa Clara Valley	<i>Dudleya setchellii</i>	2/3/1995	E	9/30/1998	F	17	2/5/2013	No change in status
Dudleya, Santa Cruz Island	<i>Dudleya nesiotica</i>	7/31/1997	T	9/26/2000	F	16	8/17/2009	No change in status

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Dudleya, Santa Monica Mountains	<i>Dudleya cymosa ssp. ovatifolia</i>	1/29/1997	T	9/30/1999	F	3	11/13/2009	No change in status
Dudleya, Verity's	<i>Dudleya verityi</i>	1/29/1997	T	9/30/1999	F	4	8/17/2009	No change in status
Dwarf-flax, Marin	<i>Hesperolinon congestum</i>	2/3/1995	T	9/30/1998	F	22	9/8/2011	No change in status
Erubia	<i>Solanum drymophilum</i>	8/26/1988	E	7/9/1992	F	6	10/30/2015	No change in status
Evening-primrose, Antioch Dunes	<i>Oenothera deltoides ssp. howellii</i>	5/27/1978	E	4/25/1984	RF(1)	20	8/26/2020	No change in status
Evening-primrose, San Benito	<i>Camissonia benitensis</i>	2/12/1985	T	9/21/2006	F	24	6/1/2020	Delist due to recovery
Fescue, Guadalupe	<i>Festuca ligulata</i>	10/10/2017	E	N/A	N/A	N/A	N/A	N/A
Fiddleneck, large-flowered	<i>Amsinckia grandiflora</i>	5/8/1985	E	9/29/1997	F	23	2/4/2009	No change in status
Flannelbush, Mexican	<i>Fremontodendron mexicanum</i>	10/13/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Flannelbush, Pine Hill	<i>Fremontodendron californicum ssp. decumbens</i>	10/18/1996	E	8/30/2002	F	17	5/2/2019	No change in status
Flax, Carter's small-flowered	<i>Linum carteri carteri</i>	10/6/2014	E	N/A	N/A	N/A	N/A	N/A
Flax, sand	<i>Linum arenicola</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Fleabane, Zuni	<i>Erigeron rhizomatus</i>	4/26/1985	T	9/30/1988	F	8	7/8/2020	No change in status
Four-o'clock, MacFarlane's	<i>Mirabilis macfarlanei</i>	11/29/1979	T	6/30/2000	RF(1)	17	9/18/2015	No change in status
Fringepod, Santa Cruz Island	<i>Thysanocarpus conchuliferus</i>	7/31/1997	E	9/26/2000	F	17	8/17/2009	No change in status
Fringe-tree, pygmy	<i>Chionanthus pygmaeus</i>	1/21/1987	E	5/18/1999	F	13	8/17/2010	No change in status
Fritillary, Gentner's	<i>Fritillaria gentneri</i>	12/10/1999	E	8/28/2003	F	22	1/25/2016	No change in status
Gardenia (=Na`u), Hawaiian	<i>Gardenia brighamii</i>	8/21/1985	E	9/30/1993	F	53	6/2/2014	No change in status
Geranium, Hawaiian red-flowered	<i>Geranium arboreum</i>	5/13/1992	E	7/29/1997	F	25	10/23/2018	No change in status
Gerardia, sandplain	<i>Agalinis acuta</i>	9/7/1988	E	9/20/1989	F	17	6/19/2019	Delist due to error
Gilia, Hoffmann's slender-flowered	<i>Gilia tenuiflora ssp. hoffmannii</i>	7/31/1997	E	9/26/2000	F	17	7/14/2009	No change in status
Gilia, Monterey	<i>Gilia tenuiflora ssp. arenaria</i>	6/22/1992	E	9/29/1998	F	9	9/15/2020	No change in status
Glade cress, Kentucky	<i>Leavenworthia exigua laciniata</i>	6/5/2014	T	4/28/2014	O	N/A	9/3/2020	No change in status
Glade cress, Fleshy-fruit	<i>Leavenworthia crassa</i>	8/1/2014	E	N/A	N/A	N/A	N/A	N/A
Glade cress, Texas golden	<i>Leavenworthia texana</i>	10/11/2013	E	N/A	N/A	N/A	N/A	N/A
Goetzea, beautiful	<i>Goetzea elegans</i>	4/19/1985	E	4/28/1987	F	16	9/9/2019	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Goldenrod, Blue Ridge	Solidago spithamaea	3/28/1985	T	10/28/1987	F	13	5/20/2019	No change in status
Goldenrod, Houghton's	Solidago houghtonii	7/18/1988	T	9/17/1997	F	28	8/25/2020	No change in status
Goldenrod, Short's	Solidago shortii	9/5/1985	E	5/25/1988	F	18	10/30/2017	No change in status
Goldfields, Burke's	Lasthenia burkei	12/2/1991	E	5/31/2016	F	15	5/2/2019	No change in status
Goldfields, Contra Costa	Lasthenia conjugens	6/18/1997	E	12/15/2005	F	19	2/21/2013	No change in status
Gooseberry, Miccosukee	Ribes echinellum	7/18/1985	T	Exempt	Exempt	Exempt	6/17/2015	No change in status
Gourd, Okeechobee	Cucurbita okeechobeensis ssp. okeechobeensis	7/12/1993	E	5/18/1999	F	17	9/3/2009	No change in status
Grass, Colusa	Neostapfia colusana	3/26/1997	T	12/15/2005	F	17	7/10/2008	No change in status
Grass, Eureka Dune	Swallenia alexandrae	5/27/1978	T	12/13/1982	F	35	2/27/2018	Downlist to T
Grass, Solano	Tuctoria mucronata	9/29/1978	E	12/15/2005	F	14	4/1/2009	No change in status
Grass, Tennessee yellow-eyed	Xyris tennesseensis	7/26/1991	E	6/24/1994	F	12	3/12/2014	No change in status
Ground-plum, Guthrie's (=Pyne's)	Astragalus bibullatus	9/26/1991	E	7/20/2011	F	15	9/18/2019	No change in status
Gumplant, Ash Meadows	Grindelia fraxinipratensis	5/20/1985	T	9/28/1990	F	6	10/6/2020	No change in status
Ha`iwale	Cyrtrandra crenata	3/28/1994	E	8/10/1998	F	21	9/25/2019	No change in status
Ha`iwale	Cyrtrandra dentata	10/10/1996	E	8/10/1998	F	21	9/25/2019	No change in status
Ha`iwale	Cyrtrandra filipes	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
Ha`iwale	Cyrtrandra giffardii	3/4/1994	E	9/26/1996	F	31	9/30/2020	No change in status
Ha`iwale	Cyrtrandra hematos	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
Ha`iwale	Cyrtrandra kaulantha	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Ha`iwale	Cyrtrandra limahuliensis	2/25/1994	T	9/4/2019	RD(1)	57	9/13/2017	No change in status
Ha`iwale	Cyrtrandra munroi	5/15/1992	E	9/29/1995	F	39	10/22/2018	No change in status
Ha`iwale	Cyrtrandra oenobarba	5/13/2010	E	9/4/2019	D	57	9/13/2017	No change in status
Ha`iwale	Cyrtrandra oxvbapha	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Ha`iwale	Cyrtrandra polyantha	3/28/1994	E	8/10/1998	F	21	9/25/2019	No change in status
Ha`iwale	Cyrtrandra sessilis	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Ha`iwale	Cyrtrandra subumbellata	10/10/1996	E	8/10/1998	F	21	9/25/2019	No change in status
Ha`iwale	Cyrtrandra tintinnabula	3/4/1994	E	9/26/1996	F	31	9/29/2020	No change in status

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Ha'iwale	Cyrtondra viridiflora	10/10/1996	E	8/10/1998	F	22	9/25/2019	No change in status
Haha	Cyanea acuminata	10/10/1996	E	8/10/1998	F	22	9/20/2019	No change in status
Haha	Cyanea asarifolia	2/25/1994	E	9/4/2019	RD(1)	57	9/13/2017	No change in status
Haha	Cyanea asplenifolia	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
Haha	Cyanea calycina	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Haha	Cyanea copelandii ssp. copelandii	3/4/1994	E	9/26/1996	F	31	3/2/2020	No change in status
Haha	Cyanea copelandii ssp. haleakalaensis	9/3/1999	E	7/10/1999	F	22	10/23/2018	No change in status
haha	Cyanea crispa	3/28/1994	E	8/10/1998	F	21	9/25/2019	No change in status
Haha	Cyanea dolichopoda	5/13/2010	E	9/4/2019	D	55	9/13/2017	No change in status
haha	Cyanea dunbariae	10/10/1996	E	9/26/1996	F	20	10/23/2018	No change in status
haha	Cyanea duvalliorum	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
Haha	Cyanea eleleensis	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
haha	Cyanea gibsonii	9/20/1991	E	9/29/1995	F	31	10/23/2018	No change in status
Haha	Cyanea glabra	9/3/1999	E	7/10/1999	F	22	10/23/2018	No change in status
Haha	Cyanea grimesiana ssp. grimesiana	10/10/1996	E	7/10/1999	F	21	10/23/2018	No change in status
Haha	Cyanea grimesiana ssp. obatae	6/27/1994	E	8/10/1998	F	21	9/25/2019	No change in status
Haha	Cyanea hamatiflora ssp. carlsonii	3/4/1994	E	9/26/1996	F	32	3/2/2020	No change in status
Haha	Cyanea hamatiflora ssp. hamatiflora	9/3/1999	E	7/10/1999	F	22	10/23/2018	No change in status
Haha	Cyanea humboldtiana	10/10/1996	E	8/10/1998	F	22	9/25/2019	No change in status
Haha	Cyanea kolekoleensis	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
Haha	Cyanea koolauensis	10/10/1996	E	8/10/1998	F	22	9/25/2019	No change in status
Haha	Cyanea kuhihewa	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
Haha	Cyanea kunthiana	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status
Haha	Cyanea lanceolata	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Haha	Cyanea lobata	5/15/1992	E	7/29/1997	F	27	10/23/2018	No change in status
Haha	Cyanea longiflora	10/10/1996	E	8/10/1998	F	23	9/25/2019	No change in status
haha	Cyanea magnicalyx	6/27/2013	E	10/31/2019	O	N/A	10/22/2018	No change in status

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Haha	<i>Cyanea mannii</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
haha	<i>Cyanea maritae</i>	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status
Haha	<i>Cyanea marksii</i>	11/29/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
haha	<i>Cyanea mauiensis</i>	6/27/2013	E	10/31/2019	O	N/A	3/2/2020	No change in status
Haha	<i>Cyanea mceldowneyi</i>	5/15/1992	E	7/29/1997	F	25	10/23/2018	No change in status
haha	<i>Cyanea munroi</i>	6/27/2013	E	10/31/2019	O	N/A	3/2/2020	No change in status
Haha	<i>Cyanea obtusa</i>	6/27/2013	E	10/31/2019	O	N/A	3/2/2020	No change in status
Haha	<i>Cyanea pimmatifida</i>	10/29/1991	E	8/10/1998	F	22	9/25/2019	No change in status
Haha	<i>Cyanea procera</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
Haha	<i>Cyanea profuga</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Haha	<i>Cyanea purpurellifolia</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Haha	<i>Cyanea recta</i>	10/10/1996	T	9/4/2019	RD(1)	93	9/13/2017	No change in status
Haha	<i>Cyanea remyi</i>	10/10/1996	E	9/4/2019	RD(1)	93	9/13/2017	No change in status
Haha	<i>Cyanea rivularis</i>	10/10/1996	E	9/4/2019	RD(1)	91	9/13/2017	No change in status
Haha	<i>Cyanea shipmanii</i>	3/4/1994	E	9/26/1996	F	30	9/26/2020	No change in status
Haha	<i>Cyanea st.-johnii</i>	10/10/1996	E	8/10/1998	F	22	9/25/2019	No change in status
Haha	<i>Cyanea stictophylla</i>	3/4/1994	E	9/26/1996	F	31	9/29/2020	No change in status
Haha	<i>Cyanea superba</i>	9/11/1991	E	8/10/1998	F	23	9/25/2019	No change in status
Haha	<i>Cyanea truncata</i>	3/28/1994	E	8/10/1998	F	21	9/25/2019	No change in status
Haha	<i>Cyanea undulata</i>	9/20/1991	E	9/4/2019	RD(1)	56	9/13/2017	No change in status
haiwale	<i>Cyrtandra ferripilosa</i>	6/27/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
Haiwale	<i>Cyrtandra gracilis</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Haiwale	<i>Cyrtandra paliku</i>	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
Haiwale	<i>Cyrtandra waiolani</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Hala pepe	<i>Pleomele fernaldii</i>	6/27/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
Hala pepe	<i>Pleomele forbesii</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Hala pepe	<i>Pleomele hawaiiensis</i>	10/10/1996	E	9/26/1996	F	31	9/29/2020	No change in status

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halomtano, Berenghenas	<i>Solanum guamense</i>	11/2/2015	E	2/3/2020	O	N/A	9/29/2020	No change in status
halumtano, Cebello	<i>Bulbophyllum guamense</i>	11/2/2015	T	2/3/2020	O	N/A	9/29/2020	No change in status
Harebells, Avon Park	<i>Crotalaria avonensis</i>	4/27/1993	E	5/18/1999	F	17	7/13/2007	No change in status
Harperella	<i>Ptilimnium nodosum</i>	10/28/1988	E	3/5/1991	F	23	N/A	N/A
Hau kuahiwi	<i>Hibiscadelphus giffardianus</i>	10/10/1996	E	9/26/1996	F	26	9/29/2020	No change in status
Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	10/10/1996	E	9/26/1996	F	30	9/29/2020	No change in status
Hau kuahiwi	<i>Hibiscadelphus woodii</i>	10/10/1996	E	9/4/2019	RD(1)	90	9/13/2017	No change in status
Heartleaf, dwarf-flowered	<i>Hexastylis naniflora</i>	4/14/1989	T	N/A	N/A	N/A	5/2/2011	No change in status
Heather, mountain golden	<i>Hudsonia montana</i>	10/20/1980	T	9/14/1983	F	15	9/24/2019	No change in status
Heau	<i>Exocarpos luteolus</i>	2/25/1994	E	9/4/2019	RD(1)	58	9/13/2017	No change in status
Heau	<i>Exocarpos menziesii</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Hibiscus, Clay's	<i>Hibiscus clayi</i>	2/25/1994	E	9/4/2019	RD(1)	58	9/14/2017	No change in status
Higuero de sierra	<i>Crescentia portoricensis</i>	12/4/1987	E	9/23/1991	F	15	6/16/2017	No change in status
Ho`awa	<i>Pittosporum napaliense</i>	5/13/2010	E	9/4/2019	D	56	9/17/2017	No change in status
Hoawa	<i>Pittosporum halophilum</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Hoawa	<i>Pittosporum hawaiiense</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
Holei	<i>Ochrosia haleakalae</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Holei	<i>Ochrosia kilaueaensis</i>	3/4/1994	E	9/26/1996	F	30	8/28/2012	No change in status
Holly, Cook's	<i>Ilex cookii</i>	6/16/1987	E	1/31/1991	F	5	6/21/2019	No change in status
Honohono	<i>Haplostachys haplostachya</i>	11/29/1979	E	9/20/1993	D	N/A	9/30/2020	No change in status
Howellia, Water	<i>Howellia aquatilis</i>	7/14/1994	T	9/24/1996	D	23	8/30/2013	Delist due to recovery
Hulumoa	<i>Korthalsella degeneri</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Hypericum, highlands scrub	<i>Hypericum cumulicola</i>	1/21/1987	E	5/18/1999	F	20	9/5/2008	No change in status
Iagu, Hayun (=Guam), Tronkon guafi (Rota))	<i>Serianthes nelsonii</i>	2/18/1987	E	2/2/1994	F	36	9/30/2020	No change in status
Ihi	<i>Portulaca villosa</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Iliau, dwarf	<i>Wilkesia hobdvi</i>	6/22/1992	E	9/4/2019	RD(1)	57	9/17/2017	No change in status
Ipomopsis, Holy Ghost	<i>Ipomopsis sancti-spiritus</i>	3/23/1994	E	9/26/2002	F	23	9/9/2020	No change in status

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Iris, dwarf lake	<i>Iris lacustris</i>	9/28/1988	T	8/1/2013	F	7	8/4/2011	No change in status
Irisette, white	<i>Sisyrinchium dichotomum</i>	9/26/1991	E	4/10/1995	F	13	7/29/2019	No change in status
Ischaemum, Hilo	<i>Ischaemum byrone</i>	3/4/1994	E	9/26/1996	F	32	8/20/2015	No change in status
Ivesia, Ash Meadows	<i>Ivesia kingii var. eremica</i>	5/20/1985	T	9/28/1990	F	5	9/30/2020	No change in status
ivesia, Webber's	<i>Ivesia webberi</i>	7/3/2014	T	N/A	N/A	N/A	N/A	N/A
Jacquemontia, beach	<i>Jacquemontia reclinata</i>	11/24/1993	E	5/18/1999	F	30	5/30/2007	No change in status
Jewelflower, California	<i>Caulanthus californicus</i>	7/19/1990	E	9/30/1998	F	17	8/12/2020	No change in status
Jewelflower, Metcalf Canyon	<i>Streptanthus albidus ssp. albidus</i>	2/3/1995	E	9/30/1998	F	19	2/5/2013	No change in status
Jewelflower, Tiburon	<i>Streptanthus niger</i>	2/3/1995	E	9/30/1998	F	10	8/10/2010	No change in status
Joint-vetch, Sensitive	<i>Aeschynomene virginica</i>	5/20/1992	T	9/29/1995	F	13	9/25/2013	No change in status
Kamakahala	<i>Labordia cyrtandrae</i>	10/10/1996	E	8/10/1998	F	22	9/28/2019	No change in status
Kamakahala	<i>Labordia helleri</i>	5/13/2010	E	9/4/2019	D	56	9/14/2017	No change in status
Kamakahala	<i>Labordia lydgatei</i>	9/20/1991	E	9/4/2019	RD(1)	57	9/16/2017	No change in status
Kamakahala	<i>Labordia pumila</i>	5/13/2010	E	9/4/2019	D	55	9/16/2017	No change in status
Kamakahala	<i>Labordia tinifolia var. lanaiensis</i>	9/3/1999	E	7/10/1999	F	20	10/23/2018	No change in status
Kamakahala	<i>Labordia tinifolia var. wahiawaensis</i>	10/10/1996	E	9/4/2019	RD(1)	87	9/16/2017	No change in status
Kamakahala	<i>Labordia triflora</i>	9/3/1999	E	7/10/1999	F	21	10/23/2018	No change in status
Kamanomano	<i>Cenchrus agrimonioides</i>	10/10/1996	E	7/10/1999	F	20	3/12/2014	No change in status
Kamapua`a	<i>Kadua fluviatilis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Kauai hau kuahiwi	<i>Hibiscadelphus distans</i>	4/29/1986	E	9/4/2019	RD(1)	56	9/13/2017	No change in status
Kauila	<i>Colubrina oppositifolia</i>	3/4/1994	E	9/26/1996	F	31	7/23/2015	No change in status
Kaulu	<i>Pteralyxia kauaiensis</i>	2/25/1994	E	9/4/2019	RD(1)	57	9/17/2017	No change in status
Kaulu	<i>Pteralyxia macrocarpa</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Kio`ele	<i>Kadua coriacea</i>	5/15/1992	E	7/29/1997	F	27	9/26/2020	No change in status
Kiponapona	<i>Phyllostegia racemosa</i>	10/10/1996	E	9/26/1996	F	29	9/26/2020	No change in status
Ko`oko`olau	<i>Bidens amplexens</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Ko`oko`olau	<i>Bidens campylothecha ssp. pentamera</i>	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status

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Ko'oko'olau	<i>Bidens campylotheca ssp. waihoiensis</i>	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
Ko'oko'olau	<i>Bidens conjuncta</i>	6/27/2013	E	10/31/2019	O	N/A	3/2/2020	No change in status
Ko'oko'olau	<i>Bidens micrantha ssp. ctenophylla</i>	11/29/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Ko'oko'olau	<i>Bidens micrantha ssp. kalealaha</i>	5/15/1992	E	7/29/1997	F	24	10/23/2018	No change in status
Ko'oko'olau	<i>Bidens wiebkei</i>	10/8/1992	E	9/26/1996	F	18	10/23/2018	No change in status
Ko'oloa'ula	<i>Abutilon menziesii</i>	9/26/1986	E	9/29/1995	F	42	10/23/2018	No change in status
Kohe malama malama o kanaloa	<i>Kanaloa kahoolawensis</i>	9/3/1999	E	7/10/1999	F	21	9/29/2020	No change in status
Koholapehu	<i>Dubautia latifolia</i>	5/13/1992	E	9/4/2019	RD(1)	56	9/13/2017	No change in status
Koki'o	<i>Kokia drynarioides</i>	12/4/1984	E	5/6/1994	F	30	9/26/2020	No change in status
Koki'o	<i>Kokia kauaiensis</i>	10/10/1996	E	9/4/2019	RD(1)	92	9/14/2017	No change in status
Koki'o ke'oke'o	<i>Hibiscus arnottianus ssp. immaculatus</i>	10/8/1992	E	9/26/1996	F	17	10/23/2018	No change in status
Koki'o ke'oke'o	<i>Hibiscus waimeae ssp. hannerae</i>	10/10/1996	E	9/4/2019	RD(1)	92	9/14/2017	No change in status
Koki'o, Cooke's	<i>Kokia cookei</i>	11/29/1979	E	5/27/1998	F	18	10/23/2018	No change in status
Kolea	<i>Myrsine fosbergii</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Kolea	<i>Myrsine juddii</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
Kolea	<i>Myrsine knudsenii</i>	5/13/2010	E	9/4/2019	D	56	9/16/2017	No change in status
Kolea	<i>Myrsine linearifolia</i>	10/10/1996	T	9/4/2019	RD(1)	79	9/16/2017	No change in status
Kolea	<i>Myrsine mezii</i>	5/13/2010	E	9/4/2019	D	58	9/16/2017	No change in status
Kolea	<i>Myrsine vaccinioides</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
kopa	<i>Kadua cordata remyi</i>	9/3/1999	E	7/10/1999	F	20	10/23/2018	No change in status
Kopiko	<i>Psychotria grandiflora</i>	5/13/2010	E	9/4/2019	D	59	9/17/2017	No change in status
Kopiko	<i>Psychotria hexandra ssp. oahuensis</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
Kopiko	<i>Psychotria hobdyi</i>	5/13/2010	E	9/4/2019	D	57	9/17/2017	No change in status
Kuahiwi laukahi	<i>Plantago hawaiiensis</i>	3/4/1994	E	9/26/1996	F	30	9/30/2020	No change in status
Kuahiwi laukahi	<i>Plantago princeps</i>	11/10/1994	E	7/10/1999	F	17	8/12/2013	No change in status
Kuawawaenohu	<i>Schiedea lychnoides</i>	10/10/1996	E	9/4/2019	RD(1)	91	9/17/2017	No change in status
Kula wahine noho	<i>Isodendron pyriformium</i>	3/4/1994	E	9/26/1996	F	26	8/3/2015	No change in status

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Kulu`i	<i>Nototrichium humile</i>	10/29/1991	E	8/10/1998	F	21	9/30/2020	No change in status
ladies-tresses, Canelo Hills	<i>Spiranthes delitescens</i>	1/6/1997	E	N/A	N/A	N/A	N/A	N/A
Ladies-tresses, Navasota	<i>Spiranthes parksii</i>	5/6/1982	E	9/21/1984	F	4	8/26/2009	No change in status
Ladies'-tresses, Ute	<i>Spiranthes diluvialis</i>	1/17/1992	T	9/21/1995	D	16	N/A	N/A
Larkspur, Baker's	<i>Delphinium bakeri</i>	1/26/2000	E	8/3/2015	F	8	5/2/2019	No change in status
Larkspur, San Clemente Island	<i>Delphinium variegatum ssp. kinkiense</i>	9/12/1977	E	1/26/1984	F	27	3/31/2008	Downlist to T
Larkspur, yellow	<i>Delphinium luteum</i>	1/26/2000	E	N/A	N/A	N/A	5/2/2019	No change in status
Lau`ehu	<i>Panicum niuhauense</i>	10/10/1996	E	7/10/1999	F	17	9/17/2017	No change in status
Laulihilihi	<i>Schiedea stellarioides</i>	10/10/1996	E	9/4/2019	RD(1)	94	9/17/2017	No change in status
Layia, beach	<i>Layia carnosa</i>	6/22/1992	E	9/29/1998	F	11	1/27/2012	Downlist to T
Lead-plant, Crenulate	<i>Amorpha crenulata</i>	7/18/1985	E	5/18/1999	F	23	9/21/2007	No change in status
Leather flower, Alabama	<i>Clematis socialis</i>	9/26/1986	E	12/27/1989	F	17	8/1/2017	No change in status
leather flower, Morefields	<i>Clematis morefieldii</i>	5/20/1992	E	5/3/1994	F	10	10/15/2018	No change in status
lehua makanoe	<i>Lysimachia daphnoides</i>	5/13/2010	E	9/4/2019	D	55	9/16/2017	No change in status
Lessingia, San Francisco	<i>Lessingia germanorum (=L.g. var. germanorum)</i>	6/19/1997	E	8/8/2003	F	15	6/20/2012	No change in status
Liliwai	<i>Acaena exigua</i>	5/15/1992	E	7/29/1997	F	32	3/2/2020	No change in status
Lily, Minnesota dwarf trout	<i>Erythronium propullans</i>	3/26/1986	E	12/16/1987	F	10	8/24/2011	No change in status
Lily, Pitkin Marsh	<i>Lilium pardalinum ssp. pitkinense</i>	10/22/1997	E	N/A	N/A	N/A	5/2/2019	No change in status
Lily, Western	<i>Lilium occidentale</i>	8/17/1994	E	3/31/1998	F	21	7/29/2019	No change in status
Liveforever, Laguna Beach	<i>Dudleya stolonifera</i>	10/13/1998	T	N/A	N/A	N/A	4/16/2010	No change in status
Liveforever, Santa Barbara Island	<i>Dudleya traskiae</i>	5/27/1978	E	6/27/1985	F	11	8/24/2012	No change in status
Lo`ulu	<i>Pritchardia hardyi</i>	5/13/2010	E	9/4/2019	D	58	9/17/2017	No change in status
Lo`ulu	<i>Pritchardia kaalae</i>	10/10/1996	E	8/10/1998	F	22	9/30/2019	No change in status
Lo`ulu	<i>Pritchardia lanigera</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
Lo`ulu	<i>Pritchardia maideniana</i>	3/4/1994	E	9/26/1996	F	32	9/30/2020	No change in status
Lo`ulu	<i>Pritchardia munroi</i>	10/8/1992	E	9/26/1996	F	20	10/23/2018	No change in status
Lo`ulu	<i>Pritchardia napaliensis</i>	10/10/1996	E	9/4/2019	RD(1)	93	9/17/2017	No change in status

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Lo`ulu	<i>Pritchardia remota</i>	8/21/1996	E	3/31/1998	F	24	9/17/2017	No change in status
Lo`ulu	<i>Pritchardia schattaueri</i>	10/10/1996	E	9/26/1996	F	29	9/30/2020	No change in status
Lo`ulu	<i>Pritchardia viscosa</i>	10/10/1996	E	9/4/2019	RD(1)	97	9/17/2017	No change in status
Locoweed, Fassett's	<i>Oxytropis campestris var. chartacea</i>	9/28/1988	T	3/29/1991	F	6	6/19/2013	No change in status
Lomatium, Cook's	<i>Lomatium cookii</i>	11/7/2002	E	11/6/2012	F	40	10/1/2019	No change in status
Loosestrife, rough-leaved	<i>Lysimachia asperulaefolia</i>	6/12/1987	E	4/19/1995	F	14	11/16/2014	No change in status
Lotus, San Clemente Island	<i>Acmispon dendroideus var. traskiae (=Lotus d. ssp. traskiae)</i>	9/12/1977	T	1/26/1984	F	26	7/26/2013	Downlist to T
Loulu, Baker's	<i>Pritchardia bakeri</i>	10/31/2016	E	7/26/2018	O	N/A	N/A	N/A
Lousewort, Furbish	<i>Pedicularis furbishiae</i>	5/27/1978	E	9/26/2019	RF(2)	N/A	2/21/2019	Downlist to T
Love grass, Fosberg's	<i>Eragrostis fosbergii</i>	10/10/1996	E	8/10/1998	F	21	9/26/2019	No change in status
Lupine, clover	<i>Lupinus tidestromii</i>	6/22/1992	E	9/29/1998	F	9	2/16/2010	No change in status
Lupine, Kincaid's	<i>Lupinus sulphureus ssp. kincaidii</i>	1/25/2000	T	5/20/2010	F	37	7/29/2019	No change in status
Lupine, Nipomo Mesa	<i>Lupinus nipomensis</i>	3/20/2000	E	N/A	N/A	N/A	6/6/2019	No change in status
Lupine, scrub	<i>Lupinus aridorum</i>	4/7/1987	E	6/20/1996	RF(1)	25	11/30/2016	No change in status
Ma`o hau hele, (=native yellow hibiscus)	<i>Hibiscus brackenridgei</i>	11/10/1994	E	7/10/1999	F	21	8/19/2013	No change in status
Ma`oli`oli	<i>Schiedea apokremnos</i>	9/30/1991	E	9/4/2019	RD(1)	55	9/17/2017	No change in status
Ma`oli`oli	<i>Schiedea hawaiiensis</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
Ma`oli`oli	<i>Schiedea kealiae</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
Ma`oli`oli	<i>Schiedea pubescens</i>	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
Mahoe	<i>Alectryon macrococcus</i>	5/15/1992	E	7/29/1997	F	8	8/7/2013	No change in status
Makou	<i>Peucedanum sandwicense</i>	2/25/1994	T	9/20/1995	F	27	8/28/2012	No change in status
Makou	<i>Ranunculus hawaiiensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Makou	<i>Ranunculus mauiensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Malacothrix, island	<i>Malacothrix squalida</i>	7/31/1997	E	9/26/2000	F	17	8/30/2010	No change in status
Malacothrix, Santa Cruz Island	<i>Malacothrix indecora</i>	7/31/1997	E	9/26/2000	F	17	8/30/2010	No change in status
mallow, Gierisch	<i>Sphaeralcea gierischii</i>	9/12/2013	E	N/A	N/A	N/A	N/A	N/A
Mallow, Kern	<i>Eremalche kernensis</i>	7/19/1990	E	9/30/1998	F	12	8/26/2020	No change in status

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Mallow, Peter's Mountain	<i>Liamna corei</i>	5/12/1986	E	9/28/1990	F	11	7/2/2019	No change in status
Manaca, palma de	<i>Calyptronomia rivalis</i>	2/6/1990	T	6/25/1992	F	13	5/24/2016	No change in status
Manioc, Walker's	<i>Manihot walkerae</i>	10/2/1991	E	12/12/1993	F	20	6/4/2009	No change in status
Manzanita, Del Mar	<i>Arctostaphylos glandulosa ssp. crassifolia</i>	10/7/1996	E	N/A	N/A	N/A	8/13/2010	No change in status
Manzanita, Franciscan	<i>Arctostaphylos franciscana</i>	10/5/2012	E	10/1/2019	F	N/A	N/A	N/A
Manzanita, Ione	<i>Arctostaphylos myrtifolia</i>	5/26/1999	T	N/A	N/A	N/A	8/6/2010	Uplist to E
Manzanita, Morro	<i>Arctostaphylos morroensis</i>	12/15/1994	T	9/28/1998	F	9	3/31/2008	No change in status
Manzanita, pallid	<i>Arctostaphylos pallida</i>	4/22/1998	T	7/27/2015	F	1	4/29/2011	Uplist to E
Manzanita, Presidio	<i>Arctostaphylos hookeri var. ravenii</i>	11/29/1979	E	8/8/2003	F	18	6/20/2012	No change in status
Manzanita, Santa Rosa Island	<i>Arctostaphylos confertiflora</i>	7/31/1997	E	9/26/2000	F	15	7/30/2014	No change in status
Mapele	<i>Cyrtandra cyaneoides</i>	10/10/1996	E	9/4/2019	RD(1)	95	9/13/2017	No change in status
Mariposa lily, Tiburon	<i>Calochortus tiburonensis</i>	2/3/1995	T	9/30/1998	F	11	9/8/2011	No change in status
Meadowfoam, Butte County	<i>Limnanthes floccosa ssp. californica</i>	6/8/1992	E	12/15/2005	F	19	7/10/2008	No change in status
meadowfoam, large-flowered woolly	<i>Limnanthes pumila ssp. grandiflora</i>	11/7/2002	E	11/6/2012	F	39	7/29/2019	No change in status
Meadowfoam, Sebastopol	<i>Limnanthes vinculans</i>	12/2/1991	E	5/31/2016	F	13	5/2/2019	No change in status
Meadowrue, Cooley's	<i>Thalictrum cooleyi</i>	2/7/1989	E	4/21/1994	F	16	4/13/2020	No change in status
Mehamehame	<i>Flueggea neowawraea</i>	11/10/1994	E	7/10/1999	F	21	8/9/2013	No change in status
Mesa-mint, Otay	<i>Pogogyne nudiuscula</i>	8/3/1993	E	9/3/1998	F	9	9/1/2010	No change in status
Mesa-mint, San Diego	<i>Pogogyne abramsii</i>	10/29/1978	E	9/3/1998	F	9	9/1/2010	No change in status
Milkpea, Small's	<i>Galactia smallii</i>	7/18/1985	E	5/18/1999	F	17	7/15/2010	No change in status
Milk-vetch, Applegate's	<i>Astragalus applegatei</i>	7/28/1993	E	4/10/1998	F	19	8/9/2019	No change in status
Milk-vetch, Ash meadows	<i>Astragalus phoenix</i>	5/20/1985	T	9/28/1990	F	6	9/30/2020	No change in status
Milk-vetch, Braunton's	<i>Astragalus brauntonii</i>	1/29/1997	E	9/30/1999	F	5	2/4/2009	No change in status
Milk-vetch, Clara Hunt's	<i>Astragalus clarianus</i>	10/22/1997	E	N/A	N/A	N/A	5/2/2019	No change in status
Milk-vetch, Coachella Valley	<i>Astragalus lentiginosus var. coachellae</i>	10/6/1998	E	N/A	N/A	N/A	9/1/2009	No change in status
Milk-vetch, coastal dunes	<i>Astragalus tener var. titi</i>	8/12/1998	E	8/19/2004	F	6	2/4/2009	No change in status

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Milk-vetch, Cushenbury	<i>Astragalus albens</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Milk-vetch, Fish Slough	<i>Astragalus lentiginosus var. piscinensis</i>	10/6/1998	T	9/30/1998	F	16	2/4/2009	No change in status
Milk-vetch, heliotrope	<i>Astragalus montii</i>	11/6/1987	T	9/27/1995	D	5	N/A	N/A
Milk-vetch, Holmgren	<i>Astragalus holmgreniorum</i>	9/28/2001	E	9/22/2006	F	33	4/21/2007	No change in status
Milk-vetch, Jesup's	<i>Astragalus robbinsii var. jesupi</i>	6/5/1987	E	9/27/2019	RF(1)	N/A	9/11/2009	No change in status
Milk-vetch, Lane Mountain	<i>Astragalus jaegerianus</i>	10/6/1998	E	N/A	N/A	N/A	5/20/2014	No change in status
Milk-vetch, Mancos	<i>Astragalus humillimus</i>	6/27/1985	E	12/20/1989	F	13	8/22/2011	No change in status
milkvetch, Osterhout	<i>Astragalus osterhoutii</i>	7/13/1989	E	9/30/1992	F	10	7/2/2019	No change in status
Milk-vetch, Peirson's	<i>Astragalus magdalenae var. peirsonii</i>	10/6/1998	T	7/26/2019	F	3	7/10/2019	No change in status
Milk-vetch, Sentry	<i>Astragalus cremnophylax var. cremnophylax</i>	12/5/1990	E	9/28/2006	F	22	7/3/2018	No change in status
Milk-vetch, Shivwits	<i>Astragalus ampullarioides</i>	9/28/2001	E	9/22/2006	F	35	4/21/2007	No change in status
Milk-vetch, triple-ribbed	<i>Astragalus tricarinatus</i>	10/6/1998	E	N/A	N/A	N/A	8/14/2009	No change in status
Milk-vetch, Ventura Marsh	<i>Astragalus pycnostachyus var. lanosissimus</i>	5/21/2001	E	N/A	N/A	N/A	9/8/2020	No change in status
Milkweed, Mead's	<i>Asclepias meadii</i>	9/1/1988	T	9/16/2003	F	25	11/28/2012	No change in status
Milkweed, Welsh's	<i>Asclepias welshii</i>	10/28/1987	T	9/30/1992	F	13	12/11/2015	No change in status
Mint, Garrett's	<i>Dicerandra christmanii</i>	11/1/1985	E	5/18/1999	F	22	9/3/2009	No change in status
Mint, Lakela's	<i>Dicerandra immaculata</i>	5/15/1985	E	5/18/1999	F	25	9/25/2008	No change in status
Mint, longspurred	<i>Dicerandra cornutissima</i>	11/1/1985	E	7/1/1987	F	16	6/5/2018	No change in status
Mint, scrub	<i>Dicerandra frutescens</i>	11/1/1985	E	5/18/1999	F	24	8/6/2009	No change in status
Monardella, willow	<i>Monardella viminea</i>	10/13/1998	E	N/A	N/A	N/A	8/3/2012	No change in status
monkey-flower, Michigan	<i>Mimulus michiganensis</i>	6/21/1990	E	9/17/1997	F	17	9/24/2018	No change in status
Monkeyflower, Vandenberg	<i>Diplacus vandenbergensis</i>	9/25/2014	E	N/A	N/A	N/A	N/A	N/A
Monkshood, northern wild	<i>Aconitum noveboracense</i>	5/27/1978	T	9/23/1983	F	23	N/A	N/A
Morning-glory, Stebbins'	<i>Calystegia stebbinsii</i>	10/18/1996	E	8/30/2002	F	16	5/2/2019	No change in status
mountainbalm, Indian Knob	<i>Eriodictyon altissimum</i>	12/15/1994	E	9/28/1998	F	8	3/22/2019	No change in status
Mountain-mahogany, Catalina Island	<i>Cercocarpus traskiae</i>	8/8/1997	E	N/A	N/A	N/A	9/24/2007	No change in status

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Mustard, Carter's	<i>Warea carteri</i>	1/21/1987	E	5/18/1999	F	23	9/15/2008	No change in status
Mustard, Penland alpine fen	<i>Eutrema penlandii</i>	7/28/1993	T	8/31/1993	O	N/A	1/31/2018	No change in status
Mustard, slender-petaled	<i>Thelypodium stenopetalum</i>	8/31/1984	E	7/31/1998	F	17	3/10/2011	No change in status
Na'ena'e	<i>Dubautia herbstobatae</i>	10/29/1991	E	8/10/1998	F	21	9/26/2019	No change in status
Na'ena'e	<i>Dubautia imbricata ssp. imbricata</i>	5/13/2010	E	9/4/2019	D	50	9/13/2017	No change in status
Na'ena'e	<i>Dubautia pauciflora</i>	9/20/1991	E	9/4/2019	RD(1)	54	9/13/2017	No change in status
Na'ena'e	<i>Dubautia plantaginea ssp. humilis</i>	9/3/1999	E	7/10/1999	F	19	10/23/2018	No change in status
Na'ena'e	<i>Dubautia plantaginea ssp. magnifolia</i>	5/13/2010	E	9/4/2019	D	53	9/13/2017	No change in status
Na'ena'e	<i>Dubautia waialealae</i>	5/13/2010	E	9/4/2019	D	53	9/13/2017	No change in status
Naenae	<i>Dubautia kalalauensis</i>	5/13/2010	E	9/4/2019	D	54	9/13/2017	No change in status
Naenae	<i>Dubautia kenwoodii</i>	5/13/2010	E	9/4/2019	D	53	9/13/2017	No change in status
Nani wai'ale'ale	<i>Viola kauaiensis var. wahiawaensis</i>	10/10/1996	E	9/4/2019	RD(1)	89	9/17/2017	No change in status
Nanu	<i>Gardenia mannii</i>	10/10/1996	E	8/10/1998	F	23	9/28/2019	No change in status
Nanu	<i>Gardenia remyi</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Naupaka, dwarf	<i>Scaevola coriacea</i>	5/16/1986	E	7/29/1997	F	30	6/5/2014	No change in status
Navarretia, few-flowered	<i>Navarretia leucocephala ssp. pauciflora (=N. pauciflora)</i>	6/18/1997	E	12/15/2005	F	17	7/10/2008	No change in status
Navarretia, many-flowered	<i>Navarretia leucocephala ssp. plieantha</i>	6/18/1997	E	12/15/2005	F	15	2/4/2009	No change in status
Navarretia, spreading	<i>Navarretia fossalis</i>	10/13/1998	T	9/3/1998	F	11	8/10/2009	No change in status
Nehe	<i>Lipochaeta fauriei</i>	2/25/1994	E	9/4/2019	RD(1)	59	9/16/2017	No change in status
Nehe	<i>Lipochaeta lobata var. leptophylla</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
Nehe	<i>Lipochaeta micrantha</i>	2/25/1994	E	9/4/2019	RD(1)	55	9/16/2017	No change in status
Nehe	<i>Lipochaeta waimeaensis</i>	2/25/1994	E	9/4/2019	RD(1)	59	9/16/2017	No change in status
Nehe	<i>Melanthera kamolensis</i>	5/15/1992	E	7/29/1997	F	30	10/23/2018	No change in status
Nehe	<i>Melanthera tenuifolia</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
Nioi	<i>Eugenia koolauensis</i>	3/28/1994	E	8/10/1998	F	20	9/26/2019	No change in status
Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	5/20/1985	E	9/28/1990	F	6	10/14/2020	No change in status
No common name	<i>Abutilon eremitopetalum</i>	9/20/1991	E	9/29/1995	F	38	10/23/2018	No change in status

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No common name	<i>Abutilon sandwicense</i>	10/29/1991	E	8/10/1998	F	22	9/20/2019	No change in status
No common name	<i>Achyranthes mutica</i>	10/10/1996	E	7/10/1999	F	17	9/26/2020	No change in status
No common name	<i>Agave eggersiana</i>	10/9/2014	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Amaranthus brownii</i>	8/21/1996	E	3/31/1998	F	19	9/8/2017	No change in status
No common name	<i>Aristida chaseae</i>	4/27/1993	E	7/31/1995	F	15	6/10/2019	No change in status
No common name	<i>Auerodendron pauciflorum</i>	3/2/1994	E	9/29/1997	F	6	7/13/2017	No change in status
No common name	<i>Bidens hillebrandiana ssp. hillebrandiana</i>	11/29/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
No common name	<i>Bonamia menziesii</i>	11/10/1994	E	7/10/1999	F	19	8/19/2013	No change in status
No common name	<i>Calyptanthes thomasiana</i>	2/18/1994	E	9/30/1997	F	4	5/22/2019	No change in status
No common name	<i>Catesbaea melanocarpa</i>	3/17/1999	E	8/18/2005	F	17	9/25/2018	No change in status
No common name	<i>Chamaecrista glandulosa var. mirabilis</i>	4/5/1990	E	5/12/1994	F	7	1/7/2015	No change in status
No common name	<i>Cordia bellonis</i>	1/10/1997	E	10/1/1999	F	17	6/13/2017	Downlist to T
No common name	<i>Cranichis ricartii</i>	11/29/1991	E	7/15/1996	F	8	6/21/2016	No change in status
No common name	<i>Cyanea kauaulaensis</i>	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
No common name	<i>Cyperus fauriei</i>	3/4/1994	E	9/26/1996	F	31	9/30/2020	No change in status
No common name	<i>Cyperus neokunthianus</i>	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
No common name	<i>Cyperus pennatiformis</i>	11/10/1994	E	7/10/1999	F	18	7/30/2013	No change in status
No common name	<i>Cyrtandra nanawaleensis</i>	11/29/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
No common name	<i>Cyrtandra wagneri</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
No common name	<i>Daphnopsis helleriana</i>	6/23/1988	E	8/7/1992	F	8	7/1/2019	No change in status
No common name	<i>Delissea rhytidosperma</i>	2/25/1994	E	9/20/1995	F	38	9/13/2017	No change in status
No common name	<i>Delissea undulata</i>	10/10/1996	E	9/26/1996	F	31	9/30/2020	No change in status
No common name	<i>Dendrobium guamense</i>	11/2/2015	T	2/3/2020	O	N/A	9/29/2020	No change in status
No common name	<i>Eugenia bryanii</i>	11/2/2015	E	2/3/2020	O	N/A	9/29/2020	No change in status
No common name	<i>Eugenia woodburyana</i>	9/9/1994	E	10/6/1998	F	18	5/7/2017	Downlist to T
No common name	<i>Festuca hawaiiensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Festuca molokaiensis</i>	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
No common name	<i>Geocarpon minimum</i>	6/16/1987	T	7/26/1993	F	9	7/20/2016	No change in status
No common name	<i>Gesneria pauciflora</i>	3/7/1995	T	10/6/1998	F	11	9/11/2019	No change in status
No common name	<i>Gonocalyx concolor</i>	10/9/2014	E	N/A	N/A	N/A	N/A	N/A
No common name	<i>Gouania hillebrandii</i>	11/9/1984	E	7/16/1990	F	23	10/23/2018	No change in status
No common name	<i>Gouania meyenii</i>	10/29/1991	E	8/10/1998	F	20	9/13/2017	No change in status
No common name	<i>Gouania vitifolia</i>	6/27/1994	E	8/10/1998	F	20	9/29/2020	No change in status
No common name	<i>Hesperomannia arborescens</i>	3/28/1994	E	8/10/1998	F	21	8/7/2013	No change in status
No common name	<i>Hesperomannia arbuscula</i>	10/29/1991	E	8/10/1998	F	20	9/29/2020	No change in status
No common name	<i>Hesperomannia lydgatei</i>	9/20/1991	E	9/4/2019	RD(1)	58	9/13/2017	No change in status
No common name	<i>Ilex sintenisii</i>	4/22/1992	E	7/31/1995	F	5	9/8/2015	No change in status
No common name	<i>Kadua degeneri</i>	10/29/1991	E	8/10/1998	F	19	9/28/2019	No change in status
No common name	<i>Kadua haupuensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Kadua parvula</i>	10/29/1991	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Kadua st.-johnii</i>	9/30/1991	E	9/4/2019	RD(1)	57	9/14/2017	No change in status
No common name	<i>Keysseria (=Lagenifera) erici</i>	5/13/2010	E	9/4/2019	D	1	9/14/2017	No change in status
No common name	<i>Keysseria (=Lagenifera) helenae</i>	5/13/2010	E	9/4/2019	D	1	9/14/2017	No change in status
No common name	<i>Labordia lorenciana</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Lepanthes eltoroensis</i>	11/29/1991	E	7/15/1996	F	9	8/24/2015	No change in status
No common name	<i>Lepidium orbiculare</i>	10/31/2016	E	8/3/2020	O	N/A	8/26/2020	No change in status
No common name	<i>Leptocereus grantianus</i>	2/26/1993	E	7/26/1995	F	15	1/19/2015	No change in status
No common name	<i>Lipochaeta venosa</i>	11/29/1979	E	5/23/1994	F	9	9/30/2020	No change in status
No common name	<i>Lobelia koolauensis</i>	10/10/1996	E	8/10/1998	F	22	9/28/2019	No change in status
No common name	<i>Lobelia monostachya</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Lobelia niihauensis</i>	10/29/1991	E	8/10/1998	F	23	9/16/2017	No change in status
No common name	<i>Lobelia oahuensis</i>	3/28/1994	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Lyonia truncata var. proctorii</i>	4/27/1993	E	7/31/1995	F	12	6/10/2019	No change in status
No common name	<i>Lysimachia filifolia</i>	2/25/1994	E	9/20/1995	F	36	9/16/2017	No change in status

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No common name	<i>Lysimachia iniki</i>	5/13/2010	E	9/4/2019	D	51	9/16/2017	No change in status
No common name	<i>Lysimachia lydgatei</i>	5/15/1992	E	7/29/1997	F	30	10/23/2018	No change in status
No common name	<i>Lysimachia maxima</i>	10/10/1996	E	9/26/1996	F	18	10/23/2018	No change in status
No common name	<i>Lysimachia pendens</i>	5/13/2010	E	9/4/2019	D	52	9/16/2017	No change in status
No common name	<i>Lysimachia scopulensis</i>	5/13/2010	E	9/4/2019	D	55	9/16/2017	No change in status
No common name	<i>Lysimachia venosa</i>	5/13/2010	E	9/4/2019	D	53	9/16/2017	No change in status
No common name	<i>Maesa walkeri</i>	11/2/2015	T	2/3/2020	O	N/A	N/A	N/A
No common name	<i>Mitracarpus maxwelliae</i>	9/9/1994	E	10/6/1998	F	15	4/4/2018	No change in status
No common name	<i>Mitracarpus polycladus</i>	9/9/1994	E	10/6/1998	F	15	9/25/2018	Downlist to T
No common name	<i>Myrcia paganii</i>	2/18/1994	E	9/29/1997	F	6	6/16/2016	No change in status
No common name	<i>Neraudia angulata</i>	10/29/1991	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Neraudia ovata</i>	10/10/1996	E	9/26/1996	F	31	9/26/2020	No change in status
No common name	<i>Neraudia sericea</i>	11/10/1994	E	7/10/1999	F	18	10/23/2018	No change in status
No common name	<i>Nervilia jacksoniae</i>	11/2/2015	T	2/3/2020	O	N/A	N/A	N/A
No common name	<i>Nesogenes rotensis</i>	4/8/2004	E	5/3/2007	F	4	9/29/2020	No change in status
No common name	<i>Osmoxylon mariamense</i>	4/8/2004	E	5/3/2007	F	4	9/29/2020	No change in status
No common name	<i>Phyllanthus saffordii</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
No common name	<i>Phyllostegia bracteata</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
No common name	<i>Phyllostegia brevidens</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Phyllostegia floribunda</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
No common name	<i>Phyllostegia glabra var. lanaiensis</i>	9/20/1991	E	9/29/1995	F	34	3/28/2019	Delist due to extinction
No common name	<i>Phyllostegia haliakalae</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
No common name	<i>Phyllostegia helleri</i>	10/31/2016	E	8/3/2020	O	N/A	8/26/2020	No change in status
No common name	<i>Phyllostegia hirsuta</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Phyllostegia hispida</i>	3/17/2009	E	9/26/1996	F	23	10/23/2018	No change in status
No common name	<i>Phyllostegia kaalaensis</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Phyllostegia knudsenii</i>	10/10/1996	E	9/4/2019	RD(1)	91	9/17/2017	No change in status

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Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
No common name	<i>Phyllostegia mannii</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
No common name	<i>Phyllostegia mollis</i>	10/29/1991	E	8/10/1998	F	19	9/28/2019	No change in status
No common name	<i>Phyllostegia parviflora</i>	10/10/1996	E	7/10/1999	F	20	8/6/2015	No change in status
No common name	<i>Phyllostegia pilosa</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
No common name	<i>Phyllostegia renovans</i>	5/13/2010	E	9/4/2019	D	56	9/17/2017	No change in status
No common name	<i>Phyllostegia stachyoides</i>	10/31/2016	E	8/3/2020	O	N/A	9/30/2020	No change in status
No common name	<i>Phyllostegia velutina</i>	10/10/1996	E	9/26/1996	F	30	9/30/2020	No change in status
No common name	<i>Phyllostegia waimeae</i>	2/25/1994	E	9/4/2019	RD(1)	62	9/17/2017	No change in status
No common name	<i>Phyllostegia warshaueri</i>	10/10/1996	E	9/26/1996	F	28	9/30/2020	No change in status
No common name	<i>Phyllostegia wawrana</i>	10/10/1996	E	9/4/2019	RD(1)	92	9/17/2017	No change in status
No common name	<i>Platanthera holochila</i>	10/10/1996	E	7/10/1999	F	19	3/31/2014	No change in status
No common name	<i>Platydesma cornuta var. cornuta</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
No common name	<i>Platydesma cornuta var. decurrens</i>	10/18/2012	E	7/26/2018	O	N/A	9/26/2019	No change in status
No common name	<i>Platydesma remyi</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
No common name	<i>Poa siphonoglossa</i>	5/13/1992	E	9/4/2019	RD(1)	57	9/17/2017	No change in status
No common name	<i>Polyscias bisattenuata</i>	5/13/2010	E	9/4/2019	D	60	9/17/2017	No change in status
No common name	<i>Polyscias flynnii</i>	5/13/2010	E	9/4/2019	D	60	9/17/2017	No change in status
No common name	<i>Polyscias lydgatei</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
No common name	<i>Polyscias racemosa</i>	2/25/1994	E	9/4/2019	RD(1)	59	9/17/2017	No change in status
No common name	<i>Remya kauaiensis</i>	1/14/1991	E	9/4/2019	RD(1)	56	9/17/2017	No change in status
No common name	<i>Remya montgomeryi</i>	1/14/1991	E	9/4/2019	RD(1)	58	9/17/2017	No change in status
No common name	<i>Sanicula mariversa</i>	10/29/1991	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Sanicula purpurea</i>	10/10/1996	E	7/10/1999	F	18	10/23/2018	No change in status
No common name	<i>Sanicula sandwicensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Santalum involutum</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Schiedea attenuata</i>	5/13/2010	E	9/4/2019	D	58	9/17/2017	No change in status
No common name	<i>Schiedea diffusa ssp. macraei</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status

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No common name	<i>Schiedea diffusa</i> subsp. <i>diffusa</i>	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
No common name	<i>Schiedea haleakalensis</i>	5/15/1992	E	7/29/1997	F	30	10/23/2018	No change in status
No common name	<i>Schiedea helleri</i>	10/10/1996	E	9/4/2019	RD(1)	88	9/17/2017	No change in status
No common name	<i>Schiedea hookeri</i>	10/10/1996	E	7/10/1999	F	19	10/23/2018	No change in status
No common name	<i>Schiedea jacobii</i>	6/27/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
No common name	<i>Schiedea kaalae</i>	10/29/1991	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Schiedea kauaiensis</i>	10/10/1996	E	9/4/2019	RD(1)	92	9/17/2017	No change in status
No common name	<i>Schiedea laui</i>	6/27/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
No common name	<i>Schiedea lydgatei</i>	10/8/1992	E	9/26/1996	F	18	10/23/2018	No change in status
No common name	<i>Schiedea membranacea</i>	10/10/1996	E	9/4/2019	RD(1)	92	9/17/2017	No change in status
No common name	<i>Schiedea nuttallii</i>	10/10/1996	E	7/10/1999	F	19	9/30/2020	No change in status
No common name	<i>Schiedea obovata</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Schiedea salicaria</i>	6/27/2013	E	10/31/2019	O	N/A	9/26/2020	No change in status
No common name	<i>Schiedea sarmentosa</i>	10/10/1996	E	9/26/1996	F	17	10/23/2018	No change in status
No common name	<i>Schiedea spergulina</i> var. <i>leiopoda</i>	2/25/1994	E	9/4/2019	RD(1)	56	9/17/2017	No change in status
No common name	<i>Schiedea spergulina</i> var. <i>spergulina</i>	2/25/1994	T	9/4/2019	RD(1)	58	9/17/2017	No change in status
No common name	<i>Schiedea trinervis</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Schiedea verticillata</i>	8/21/1996	E	3/31/1998	F	19	9/17/2017	No change in status
No common name	<i>Schiedea viscosa</i>	10/10/1996	E	9/4/2019	RD(1)	91	9/17/2017	No change in status
No common name	<i>Schoepfia arenaria</i>	4/19/1991	T	1/10/1992	F	9	7/18/2016	No change in status
No common name	<i>Sicyos lanceoloideus</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Silene alexandri</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
No common name	<i>Silene hawaiiensis</i>	3/4/1994	T	9/26/1996	F	33	9/30/2020	No change in status
No common name	<i>Silene lanceolata</i>	10/8/1992	E	9/26/1996	F	18	8/20/2015	No change in status
No common name	<i>Silene perlmanii</i>	10/29/1991	E	8/10/1998	F	19	9/28/2019	No change in status
No common name	<i>Spermolepis hawaiiensis</i>	11/10/1994	E	7/10/1999	F	19	8/20/2015	No change in status
No common name	<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	11/29/1979	E	9/20/1993	D	N/A	9/26/2020	No change in status

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No common name	<i>Stenogyne bifida</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
No common name	<i>Stenogyne campanulata</i>	5/13/1992	E	9/4/2019	RD(1)	57	9/17/2017	No change in status
No common name	<i>Stenogyne cranwelliae</i>	11/29/2013	E	10/31/2019	O	N/A	9/30/2020	No change in status
No common name	<i>Stenogyne kaalae ssp. sherffii</i>	10/31/2016	E	7/26/2018	O	N/A	8/19/2020	No change in status
No common name	<i>Stenogyne kanehoana</i>	5/13/1992	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Stenogyne kauaulaensis</i>	6/27/2013	E	10/31/2019	O	N/A	8/26/2020	No change in status
No common name	<i>Stenogyne kealiae</i>	5/13/2010	E	9/4/2019	D	57	9/17/2017	No change in status
No common name	<i>Tabernaemontana rotensis</i>	11/2/2015	T	2/3/2020	O	N/A	8/19/2020	No change in status
No common name	<i>Ternstroemia subsessilis</i>	4/22/1992	E	7/31/1995	F	4	9/8/2015	No change in status
No common name	<i>Tetramolopium arenarium</i>	3/4/1994	E	9/26/1996	F	31	9/26/2020	No change in status
No common name	<i>Tetramolopium filiforme</i>	10/29/1991	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Tetramolopium lepidotum ssp. lepidotum</i>	10/29/1991	E	8/10/1998	F	21	9/30/2020	No change in status
No common name	<i>Tetramolopium remyi</i>	9/20/1991	E	9/29/1995	F	38	10/23/2018	No change in status
No common name	<i>Tetramolopium rockii</i>	10/8/1992	T	9/26/1996	F	18	10/23/2018	No change in status
No common name	<i>Tinospora homosepala</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
No common name	<i>Trematolobelia singularis</i>	10/10/1996	E	8/10/1998	F	21	9/28/2019	No change in status
No common name	<i>Tuberolabium guamense</i>	11/2/2015	T	2/3/2020	O	N/A	10/9/2020	No change in status
No common name	<i>Varronia rupicola</i>	10/9/2014	T	N/A	N/A	N/A	N/A	N/A
No common name	<i>Vernonia proctorii</i>	4/27/1993	E	7/31/1995	F	14	6/10/2019	No change in status
No common name	<i>Vigna o-wahuensis</i>	11/10/1994	E	7/10/1999	F	18	9/30/2020	No change in status
No common name	<i>Viola helena</i>	9/20/1991	E	9/4/2019	RD(1)	57	9/17/2017	No change in status
No common name	<i>Viola lanaiensis</i>	9/20/1991	E	9/29/1995	F	36	10/23/2018	No change in status
No common name	<i>Viola oahuensis</i>	10/10/1996	E	8/10/1998	F	20	9/28/2019	No change in status
No common name	<i>Wikstroemia skottsbergiana</i>	10/31/2016	E	8/3/2020	O	N/A	9/30/2020	No change in status
No common name	<i>Wikstroemia villosa</i>	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status
No common name	<i>Xylosma crenatum</i>	5/13/1992	E	9/4/2019	RD(1)	59	9/17/2017	No change in status
Nohoanu	<i>Geranium hanaense</i>	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status

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Nohoanu	<i>Geranium hillebrandii</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Nohoanu	<i>Geranium kauaiense</i>	5/13/2010	E	9/4/2019	D	53	9/13/2017	No change in status
Nohoanu	<i>Geranium multiflorum</i>	5/15/1992	E	7/29/1997	F	18	10/23/2018	No change in status
nui, haha	<i>Cyanea horrida</i>	6/27/2013	E	10/31/2019	O	N/A	9/29/2020	No change in status
Oak, Hinckley	<i>Quercus hinckleyi</i>	8/26/1988	T	9/30/1992	F	1	9/9/2020	No change in status
Oha	<i>Delissea subcordata</i>	10/10/1996	E	8/10/1998	F	23	9/26/2019	No change in status
Ohai	<i>Sesbania tomentosa</i>	11/10/1994	E	7/10/1999	F	21	8/25/2015	No change in status
Olulu	<i>Brighamia insignis</i>	2/25/1994	E	9/20/1995	F	30	9/13/2017	No change in status
Onion, Munz's	<i>Allium munzii</i>	10/13/1998	E	N/A	N/A	N/A	9/5/2013	No change in status
Opuhe	<i>Urera kaalae</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
Orchid, eastern prairie fringed	<i>Platanthera leucophaea</i>	9/28/1989	T	9/29/1999	F	13	5/17/2016	No change in status
Orchid, western prairie fringed	<i>Platanthera praeclara</i>	9/28/1989	T	9/30/1996	F	28	4/27/2009	No change in status
Orchid, white fringeless	<i>Platanthera integrilabia</i>	10/13/2016	T	12/8/2016	O	N/A	N/A	N/A
Orcutt grass, California	<i>Orcuttia californica</i>	8/3/1993	E	9/3/1998	F	11	3/11/2011	No change in status
Orcutt grass, hairy	<i>Orcuttia pilosa</i>	3/26/1997	E	12/15/2005	F	17	6/15/2009	No change in status
Orcutt grass, Sacramento	<i>Orcuttia viscida</i>	3/26/1997	E	12/15/2005	F	18	7/10/2008	No change in status
Orcutt grass, San Joaquin	<i>Orcuttia inaequalis</i>	3/26/1997	T	12/15/2005	F	20	8/7/2013	No change in status
Orcutt grass, slender	<i>Orcuttia tenuis</i>	3/26/1997	T	12/15/2005	F	26	11/24/2009	No change in status
Owl's-clover, fleshy	<i>Castilleja campestris ssp. succulenta</i>	3/26/1997	T	12/15/2005	F	19	9/8/2011	No change in status
Oxytheca, Cushenbury	<i>Oxytheca parishii var. goodmaniana</i>	8/24/1994	E	9/30/1997	D	8	8/13/2009	No change in status
Pa`iniu	<i>Astelija waialealae</i>	5/13/2010	E	9/4/2019	D	54	9/13/2017	No change in status
Paintbrush, ash-grey	<i>Castilleja cinerea</i>	10/14/1998	T	N/A	N/A	N/A	3/27/2013	No change in status
Paintbrush, golden	<i>Castilleja levisecta</i>	6/11/1997	T	8/23/2000	F	28	1/31/2008	No change in status
Paintbrush, San Clemente Island	<i>Castilleja grisea</i>	9/12/1977	T	1/26/1984	F	27	7/26/2013	Downlist to T
Paintbrush, soft-leaved	<i>Castilleja mollis</i>	7/31/1997	E	9/26/2000	F	17	1/10/2008	No change in status
Paintbrush, Tiburon	<i>Castilleja affinis ssp. neglecta</i>	2/3/1995	E	9/30/1998	F	17	6/20/2012	No change in status
Palo colorado	<i>Ternstroemia luquillensis</i>	4/22/1992	E	7/31/1995	F	4	9/8/2015	No change in status

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Palo de jazmin	<i>Styrax portoricensis</i>	4/22/1992	E	7/31/1995	F	10	9/8/2015	No change in status
Palo de nigua	<i>Cornutia obovata</i>	4/7/1988	E	8/7/1992	F	10	3/9/2020	No change in status
Palo de ramon	<i>Banara vanderbiltii</i>	1/14/1987	E	3/15/1991	F	13	3/9/2020	No change in status
Palo de rosa	<i>Ottoschulzia rhodoxylon</i>	4/10/1990	E	9/20/1994	F	12	8/9/2017	Downlist to T
Pamakani	<i>Tetramolopium capillare</i>	9/30/1994	E	7/29/1997	F	26	10/23/2018	No change in status
Pamakani	<i>Viola chamissoniana ssp. chamissoniana</i>	10/29/1991	E	8/10/1998	F	20	9/28/2019	No change in status
Panicgrass, Carter's	<i>Panicum fauriei var. carteri</i>	10/12/1983	E	5/23/1994	D	N/A	10/23/2018	No change in status
Papala	<i>Charpentiera densiflora</i>	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
Paudedo	<i>Hedvotis megalantha</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
Pawpaw, beautiful	<i>Deeringothamnus pulchellus</i>	9/26/1986	E	5/18/1999	F	21	6/17/2009	No change in status
Pawpaw, four-petal	<i>Asimina tetramera</i>	9/26/1986	E	5/18/1999	F	26	4/6/2009	No change in status
Pawpaw, Rugel's	<i>Deeringothamnus rugelii</i>	9/26/1986	E	4/5/1988	F	10	1/18/2018	No change in status
Pea, Big Pine partridge	<i>Chamaecrista lineata kevensis</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Pelos del diablo	<i>Aristida portoricensis</i>	8/8/1990	E	5/16/1994	F	11	6/10/2019	No change in status
Penny-cress, Kneeland Prairie	<i>Thlaspi californicum</i>	2/9/2000	E	8/14/2003	F	9	8/23/2019	No change in status
Pennyroyal, Todsen's	<i>Hedeoma todsenii</i>	1/19/1981	E	1/31/2001	RF(2)	16	8/22/2011	No change in status
Penstemon, blowout	<i>Penstemon haydenii</i>	9/1/1987	E	7/17/1992	F	29	6/1/2012	No change in status
Pentachaeta, Lyon's	<i>Pentachaeta lyonii</i>	1/29/1997	E	9/30/1999	F	5	10/4/2019	No change in status
Pentachaeta, white-rayed	<i>Pentachaeta bellidiflora</i>	2/3/1995	E	9/30/1998	F	15	8/10/2010	No change in status
Peperomia, Wheeler's	<i>Peperomia wheeleri</i>	1/14/1987	E	11/26/1990	F	18	6/29/2020	No change in status
Peppergrass, Slickspot	<i>Lepidium papilliferum</i>	9/16/2016	T	9/26/2011	O	N/A	8/17/2016	No change in status
Phacelia, clay	<i>Phacelia argillacea</i>	10/29/1978	E	4/12/1982	F	11	7/11/2019	No change in status
Phacelia, DeBeque	<i>Phacelia submutica</i>	8/26/2011	T	1/23/2013	O	N/A	N/A	N/A
Phacelia, island	<i>Phacelia insularis ssp. insularis</i>	7/31/1997	E	9/26/2000	F	17	7/2/2008	No change in status
Phacelia, North Park	<i>Phacelia formosula</i>	9/1/1982	E	3/21/1986	F	19	2/1/2012	No change in status
Phlox, Texas trailing	<i>Phlox nivalis ssp. texensis</i>	9/30/1991	E	3/28/1995	F	31	8/30/2018	No change in status
Phlox, Yreka	<i>Phlox hirsuta</i>	2/3/2000	E	7/27/2006	F	15	6/14/2019	No change in status

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Pigeon wings	<i>Clitoria fragrans</i>	4/27/1993	T	5/18/1999	F	21	9/15/2008	No change in status
Pilo	<i>Kadua laxiflora</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
Pilo kea lau li'i	<i>Platydesma rostrata</i>	5/13/2010	E	9/4/2019	D	57	9/17/2017	No change in status
Pink, swamp	<i>Helonias bullata</i>	9/9/1988	T	9/30/1991	F	17	12/30/2014	No change in status
Pinkroot, gentian	<i>Spigelia gentianoides</i>	11/26/1990	E	1/24/2012	F	10	9/21/2018	No change in status
Piperia, Yadon's	<i>Piperia yadonii</i>	8/12/1998	E	8/19/2004	F	11	8/17/2009	No change in status
Pitaya, Davis' green	<i>Echinocereus viridiflorus var. davisii</i>	12/8/1979	E	9/20/1984	F	N/A	9/2/2020	No change in status
Pitcher-plant, Alabama canebrake	<i>Sarracenia rubra ssp. alabamensis</i>	3/10/1989	E	10/8/1992	F	10	7/23/2018	No change in status
Pitcher-plant, green	<i>Sarracenia oreophila</i>	10/21/1979	E	12/12/1994	RF(2)	15	9/24/2020	No change in status
Pitcher-plant, mountain sweet	<i>Sarracenia rubra ssp. jonesii</i>	9/30/1988	E	8/13/1990	F	15	5/21/2013	No change in status
Plum, scrub	<i>Prunus geniculata</i>	1/21/1987	E	6/20/1996	RF(1)	22	12/21/2017	No change in status
Po'e	<i>Portulaca sclerocarpa</i>	3/4/1994	E	9/26/1996	F	33	9/30/2020	No change in status
Pogonia, small whorled	<i>Isotria medeoloides</i>	9/9/1982	T	11/13/1992	RF(1)	23	4/1/2013	No change in status
Polygala, Lewton's	<i>Polygala lewtonii</i>	4/27/1993	E	5/18/1999	F	17	8/5/2010	No change in status
Polygala, tiny	<i>Polygala smallii</i>	7/18/1985	E	5/18/1999	F	15	6/7/2010	No change in status
Polygonum, Scotts Valley	<i>Polygonum hickmanii</i>	4/8/2003	E	9/28/1998	CS	18	5/4/2020	No change in status
Pondberry	<i>Lindera melissifolia</i>	7/31/1986	E	9/23/1993	F	25	3/3/2014	No change in status
Pondweed, Little Aguja (=Creek)	<i>Potamogeton chystocarpus</i>	11/14/1991	E	6/20/1994	F	1	8/31/2018	No change in status
popcornflower, rough	<i>Plagiobothrys hirtus</i>	1/25/2000	E	9/25/2003	F	23	8/11/2010	No change in status
Popolo	<i>Cyanea solanacea</i>	6/27/2013	E	10/31/2019	O	N/A	8/19/2020	No change in status
Popolo	<i>Solanum nelsonii</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Popolo ku mai	<i>Solanum incompletum</i>	11/10/1994	E	7/10/1999	F	19	9/26/2020	No change in status
Poppy, Sacramento prickly	<i>Argemone pleiacantha ssp. pinnatisecta</i>	8/24/1989	E	8/31/1994	F	29	8/29/2013	No change in status
Poppy-mallow, Texas	<i>Callirhoe scabriuscula</i>	1/13/1981	E	3/29/1985	F	6	9/12/2019	No change in status
Potato-bean, Price's	<i>Apios priceana</i>	1/5/1990	T	2/10/1993	F	19	9/2/2016	No change in status
Potentilla, Hickman's	<i>Potentilla hickmanii</i>	8/12/1998	E	8/19/2004	F	12	8/24/2020	No change in status

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Prairie-clover, Florida	<i>Dalea carthagenensis floridana</i>	10/6/2017	E	N/A	N/A	N/A	N/A	N/A
Prairie-clover, leafy	<i>Dalea foliosa</i>	5/1/1991	E	9/30/1996	F	16	6/4/2015	No change in status
Prickly-apple, aboriginal	<i>Harrisia (=Cereus) aboriginum (=gracilis)</i>	11/25/2013	E	N/A	N/A	N/A	N/A	N/A
Prickly-apple, fragrant	<i>Cereus eriophorus var. fragrans</i>	11/1/1985	E	5/18/1999	F	27	6/24/2010	No change in status
Prickly-ash, St. Thomas	<i>Zanthoxylum thomsonianum</i>	12/20/1985	E	4/5/1988	F	10	8/28/2015	No change in status
Primrose, Maguire	<i>Primula maguirei</i>	8/21/1985	T	9/27/1990	F	8	8/18/2011	No change in status
Pu'uka`a	<i>Cyperus trachysanthos</i>	10/10/1996	E	7/10/1999	F	18	9/30/2020	No change in status
Pua `ala	<i>Brighamia rockii</i>	10/8/1992	E	9/26/1996	F	19	10/23/2018	No change in status
Pussypaws, Mariposa	<i>Calyptridium pulchellum</i>	10/14/1998	T	N/A	N/A	N/A	1/10/2008	No change in status
Ragwort, San Francisco Peaks	<i>Packera franciscana</i>	11/22/1983	T	10/5/1987	F	7	10/22/2010	No change in status
Rattleweed, hairy	<i>Baptisia arachnifera</i>	5/27/1978	E	3/19/1984	F	16	8/30/2019	No change in status
Reedgrass, Hillebrand's	<i>Calamagrostis hillebrandii</i>	6/27/2013	E	10/31/2019	O	N/A	N/A	N/A
Reedgrass, Maui	<i>Calamagrostis expansa</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Reed-mustard, Barneby	<i>Schoenocrambe barnebyi</i>	1/14/1992	E	9/14/1994	F	5	8/16/2011	No change in status
Reed-mustard, clay	<i>Schoenocrambe argillacea</i>	1/14/1992	T	9/14/1994	F	6	8/7/2019	No change in status
Reed-mustard, shrubby	<i>Schoenocrambe suffrutescens</i>	10/6/1987	E	9/14/1994	F	6	8/7/2019	No change in status
Remya, Maui	<i>Remya mauiensis</i>	1/14/1991	E	7/29/1997	F	30	10/23/2018	No change in status
Rhododendron, Chapman	<i>Rhododendron chapmanii</i>	5/23/1979	E	9/8/1983	F	15	9/3/2019	No change in status
Ridge-cress, Barneby	<i>Lepidium barnebyanum</i>	9/28/1990	E	7/23/1993	F	4	8/4/2011	No change in status
rock cress, Shale barren	<i>Arabis serotina</i>	7/13/1989	E	8/15/1991	F	9	11/18/2010	No change in status
Rock-cress, Braun's	<i>Arabis perstellata</i>	1/3/1995	E	7/22/1997	F	12	8/31/2018	No change in status
Rockcress, Georgia	<i>Arabis georgiana</i>	10/14/2014	T	8/22/2020	O	N/A	N/A	N/A
Rock-cress, Hoffmann's	<i>Arabis hoffmannii</i>	7/31/1997	E	9/26/2000	F	18	11/16/2011	No change in status
Rock-cress, McDonald's	<i>Arabis macdonaldiana</i>	9/29/1978	E	2/28/1984	F	11	8/27/2020	No change in status
Rockcress, Santa Cruz Island	<i>Sibara filifolia</i>	8/8/1997	E	N/A	N/A	N/A	8/27/2020	No change in status
Rose-mallow, Neches River	<i>Hibiscus dasycalyx</i>	10/11/2013	T	4/23/2018	O	N/A	N/A	N/A
Rosemary, Apalachicola	<i>Conradina glabra</i>	7/12/1993	E	9/27/1994	F	8	9/28/2017	No change in status

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Rosemary, Cumberland	<i>Conradina verticillata</i>	11/29/1991	T	7/12/1996	F	8	7/13/2018	No change in status
Rosemary, Etonia	<i>Conradina etonia</i>	7/12/1993	E	9/27/1994	F	8	9/30/2019	No change in status
Rosemary, short-leaved	<i>Conradina brevifolia</i>	7/12/1993	E	5/18/1999	F	17	8/8/2008	No change in status
Roseroot, Leedy's	<i>Rhodiola integrifolia ssp. leedyi</i>	4/22/1992	T	9/25/1998	F	5	6/4/2015	No change in status
Rush-pea, slender	<i>Hoffmannseggia tenella</i>	11/1/1985	E	8/23/2018	RF(1)	N/A	7/11/2008	No change in status
Rush-rose, island	<i>Helianthemum greenei</i>	7/31/1997	T	9/26/2000	F	17	5/7/2019	No change in status
Sandalwood, Lanai (= `iliahi)	<i>Santalum haleakalae var. lanaiense</i>	1/24/1986	E	9/29/1995	F	41	10/23/2018	No change in status
Sandlace	<i>Polygonella myriophylla</i>	4/27/1993	E	5/18/1999	F	21	8/26/2010	No change in status
Sandmat, pineland	<i>Chamaesyce deltoidea pinetorum</i>	10/6/2017	T	N/A	N/A	N/A	N/A	N/A
Sand-verbena, large-fruited	<i>Abronia macrocarpa</i>	9/28/1988	E	9/30/1992	F	3	11/19/2010	No change in status
Sandwort, Bear Valley	<i>Arenaria ursina</i>	10/14/1998	T	N/A	N/A	N/A	8/14/2015	No change in status
Sandwort, Cumberland	<i>Arenaria cumberlandensis</i>	6/23/1988	E	6/20/1996	F	15	4/27/2020	Delist due to recovery
Sandwort, Marsh	<i>Arenaria paludicola</i>	8/3/1993	E	9/28/1998	F	17	8/27/2020	No change in status
Schiedea, Diamond Head	<i>Schiedea adamantis</i>	2/17/1984	E	2/2/1994	F	22	9/28/2019	No change in status
Seablite, California	<i>Suaeda californica</i>	12/15/1994	E	8/27/2013	F	57	2/9/2010	No change in status
Sedge, golden	<i>Carex lutea</i>	1/23/2002	E	3/28/2014	F	16	8/24/2015	No change in status
Sedge, Navajo	<i>Carex specuicola</i>	5/8/1985	T	9/24/1987	F	4	8/26/2014	No change in status
Sedge, white	<i>Carex albida</i>	10/22/1997	E	N/A	N/A	N/A	5/2/2019	Delist due to error
silverbush, Blodgett's	<i>Argythamnia blodgettii</i>	10/31/2016	T	N/A	N/A	N/A	N/A	N/A
Silversword, Mauna Loa (=Ka'u)	<i>Argyroxiphium kauense</i>	4/7/1993	E	11/21/1995	F	41	9/30/2020	No change in status
Skullcap, Florida	<i>Scutellaria floridana</i>	5/8/1992	T	6/22/1994	F	6	9/5/2019	No change in status
Skullcap, large-flowered	<i>Scutellaria montana</i>	6/20/1986	T	5/15/1996	F	8	1/8/2015	No change in status
Skyrocket, Pagosa	<i>Ipomopsis polyantha</i>	8/26/2011	E	1/11/2013	O	N/A	N/A	N/A
Snakeroot	<i>Eryngium cuneifolium</i>	1/21/1987	E	5/18/1999	F	21	7/7/2010	No change in status
Sneezeweed, Virginia	<i>Helenium virginicum</i>	11/3/1998	T	10/2/2000	D	N/A	4/23/2020	Delist due to recovery
Snowbells, Texas	<i>Styrax texanus</i>	10/12/1984	E	9/26/2019	F	12	8/21/2018	No change in status
Spineflower, Ben Lomond	<i>Chorizanthe pungens var. hartwegiana</i>	2/4/1994	E	9/28/1998	F	23	1/20/2012	No change in status

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Spineflower, Howell's	<i>Chorizanthe howellii</i>	6/22/1992	E	9/29/1998	F	11	9/6/2019	No change in status
Spineflower, Monterey	<i>Chorizanthe pungens</i> var. <i>pungens</i>	2/4/1994	T	9/29/1998	F	10	4/1/2020	No change in status
Spineflower, Orcutt's	<i>Chorizanthe orcuttiana</i>	10/7/1996	E	N/A	N/A	N/A	6/26/2014	No change in status
spineflower, Robust	<i>Chorizanthe robusta</i> var. <i>robusta</i>	2/4/1994	E	12/20/2004	F	13	2/9/2010	No change in status
spineflower, Scotts Valley	<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	2/4/1994	E	9/28/1998	F	19	6/7/2019	No change in status
Spineflower, slender-horned	<i>Dodecahema leptoceras</i>	9/28/1987	E	N/A	N/A	N/A	10/1/2010	No change in status
Spineflower, Sonoma	<i>Chorizanthe valida</i>	6/22/1992	E	9/29/1998	F	8	7/28/2010	No change in status
Spiraea, Virginia	<i>Spiraea virginiana</i>	6/15/1990	T	11/13/1992	F	12	8/29/2008	No change in status
Spurge, deltoid	<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i>	7/18/1985	E	5/18/1999	F	14	6/15/2010	No change in status
Spurge, Garber's	<i>Chamaesyce garberi</i>	7/18/1985	T	5/18/1999	F	7	9/6/2007	No change in status
Spurge, Hoover's	<i>Chamaesyce hooveri</i>	3/26/1997	T	12/15/2005	F	18	2/4/2009	No change in status
Spurge, telephus	<i>Euphorbia telephioides</i>	5/8/1992	T	6/22/1994	F	5	1/22/2015	No change in status
Spurge, wedge	<i>Chamaesyce deltoidea</i> <i>serpyllum</i>	10/31/2016	E	N/A	N/A	N/A	N/A	N/A
Stickseed, showy	<i>Hackelia venusta</i>	2/6/2002	E	12/12/2007	F	16	9/10/2020	No change in status
Stoncrop, Lake County	<i>Parvisedum leiocarpum</i>	6/18/1997	E	12/15/2005	F	13	6/15/2009	No change in status
Sumac, Michaux's	<i>Rhus michauxii</i>	9/28/1989	E	4/30/1993	F	16	9/1/2014	No change in status
Sunburst, Hartweg's golden	<i>Pseudobahia bahiifolia</i>	2/6/1997	E	N/A	N/A	N/A	1/10/2008	No change in status
Sunburst, San Joaquin adobe	<i>Pseudobahia peirsonii</i>	2/6/1997	T	N/A	N/A	N/A	1/10/2008	No change in status
Sunflower, Pecos (=puzzle, =paradox)	<i>Helianthus paradoxus</i>	10/20/1999	T	9/15/2005	F	23	8/26/2015	No change in status
Sunflower, San Mateo woolly	<i>Eriophyllum latilobum</i>	2/3/1995	E	9/30/1998	F	12	9/8/2011	No change in status
Sunflower, Schweinitz's	<i>Helianthus schweinitzii</i>	5/7/1991	E	4/22/1994	F	11	12/17/2019	No change in status
Sunflower, whorled	<i>Helianthus verticillatus</i>	8/1/2014	E	10/23/2014	O	N/A	5/22/2020	No change in status
Sunray, Ash Meadows	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	5/20/1985	T	9/28/1990	F	6	10/1/2020	No change in status
Sunshine, Sonoma	<i>Blennosperma bakeri</i>	12/2/1991	E	5/31/2016	F	14	5/2/2019	No change in status
Taraxacum, California	<i>Taraxacum californicum</i>	10/14/1998	E	N/A	N/A	N/A	8/23/2013	No change in status
Tarplant, Gaviota	<i>Deinandra increscens</i> ssp. <i>villosa</i>	3/20/2000	E	N/A	N/A	N/A	8/10/2011	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Tarplant, Otay	<i>Deinandra (=Hemizonia) conjugens</i>	10/13/1998	T	12/7/2004	F	16	6/30/2009	No change in status
Tarplant, Santa Cruz	<i>Holocarpha macradenia</i>	3/20/2000	T	N/A	N/A	N/A	2/25/2014	No change in status
Thelypody, Howell's spectacular	<i>Thelypodium howellii ssp. spectabilis</i>	5/26/1999	T	6/3/2002	F	21	9/10/2018	No change in status
Thistle, Chorro Creek bog	<i>Cirsium fontinale var. obispoense</i>	12/15/1994	E	9/28/1998	F	6	6/18/2014	No change in status
Thistle, fountain	<i>Cirsium fontinale var. fontinale</i>	2/3/1995	E	9/30/1998	F	20	8/10/2010	No change in status
Thistle, La Graciosa	<i>Cirsium loncholepis</i>	3/20/2000	E	N/A	N/A	N/A	4/2/2019	No change in status
Thistle, Loch Lomond coyote	<i>Eryngium constancei</i>	8/1/1985	E	12/15/2005	F	14	8/17/2009	No change in status
Thistle, Pitcher's	<i>Cirsium pitcheri</i>	7/18/1988	T	9/20/2002	F	27	9/26/2018	No change in status
Thistle, Sacramento Mountains	<i>Cirsium vinaceum</i>	6/16/1987	T	9/27/1993	F	12	8/20/2010	No change in status
Thistle, Suisun	<i>Cirsium hydrophilum var. hydrophilum</i>	11/20/1997	E	8/27/2013	F	59	2/11/2009	No change in status
Thornmint, San Diego	<i>Acanthomintha ilicifolia</i>	10/13/1998	T	N/A	N/A	N/A	8/12/2009	No change in status
Thornmint, San Mateo	<i>Acanthomintha obovata ssp. duttonii</i>	9/18/1985	E	9/30/1998	F	17	8/10/2010	No change in status
Thoroughwort, Cape Sable	<i>Chromolaena frustrata</i>	11/25/2013	E	N/A	N/A	N/A	N/A	N/A
Townsendia, Last Chance	<i>Townsendia aprica</i>	8/21/1985	T	8/20/1993	F	7	8/28/2019	No change in status
Trillium, persistent	<i>Trillium persiciens</i>	5/27/1978	E	3/27/1984	F	13	10/16/2011	No change in status
Trillium, relict	<i>Trillium reliquum</i>	4/4/1988	E	1/31/1991	F	13	1/19/2015	No change in status
Tuctoria, Greene's	<i>Tuctoria greenei</i>	3/26/1997	E	12/15/2005	F	19	1/10/2008	No change in status
Twinpod, Dudley Bluffs	<i>Physaria obcordata</i>	2/6/1990	T	5/16/2020	F	N/A	6/12/2020	No change in status
Ufa-halomtano	<i>Heritiera longipetiolata</i>	11/2/2015	E	2/3/2020	O	N/A	N/A	N/A
Uhi uhi	<i>Mezoneuron kawaiense</i>	7/8/1986	E	5/6/1994	F	54	7/21/2015	No change in status
Uvillo	<i>Eugenia haematocarpa</i>	11/25/1994	E	9/11/1998	F	10	6/29/2014	No change in status
Vervain, Red Hills	<i>Verbena californica</i>	10/14/1998	T	N/A	N/A	N/A	6/20/2012	No change in status
Vetch, Hawaiian	<i>Vicia menziesii</i>	5/27/1978	E	5/18/1984	F	22	9/30/2020	No change in status
Wahane	<i>Pritchardia aylmer-robinsonii</i>	8/7/1996	E	Exempt	Exempt	Exempt	10/23/2018	No change in status
Wallflower, Ben Lomond	<i>Erysimum teretifolium</i>	2/4/1994	E	9/28/1998	F	21	7/10/2008	No change in status
Wallflower, Contra Costa	<i>Erysimum capitatum var. angustatum</i>	5/27/1978	E	4/25/1984	RF(1)	20	7/10/2008	No change in status

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Wallflower, Menzies'	<i>Erysimum menziesii</i>	6/22/1992	E	9/29/1998	F	12	8/28/2020	No change in status
Walnut (=Nogal), West Indian	<i>Juglans jamaicensis</i>	1/13/1997	E	12/9/1999	F	11	5/22/2019	No change in status
Warea, wide-leaf	<i>Warea amplexifolia</i>	4/29/1987	E	2/17/1993	F	14	8/17/2017	No change in status
Watercress, Gambel's	<i>Rorippa gambellii</i>	8/3/1993	E	9/28/1998	F	18	11/7/2011	No change in status
Water-plantain, Kral's	<i>Sagittaria secundifolia</i>	4/13/1990	T	8/12/1991	F	6	8/12/2020	No change in status
Water-umbel, Huachuca	<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>	1/6/1997	E	11/13/2017	F	4	7/18/2018	No change in status
Water-willow, Cooley's	<i>Justicia cooleyi</i>	7/27/1989	E	6/20/1994	F	4	8/23/2019	No change in status
Whitlow-wort, papery	<i>Paronychia chartacea</i>	1/21/1987	T	5/18/1999	F	17	9/28/2008	No change in status
Wild buckwheat, clay-loving	<i>Eriogonum pelinophilum</i>	7/13/1984	E	11/10/1988	F	10	9/30/2009	No change in status
Wild-buckwheat, gypsum	<i>Eriogonum gypsophilum</i>	1/19/1981	T	3/30/1984	F	8	1/6/2017	Delist due to recovery
Wild-buckwheat, southern mountain	<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>	10/14/1998	T	N/A	N/A	N/A	5/8/2015	No change in status
Wild-rice, Texas	<i>Zizania texana</i>	5/27/1978	E	2/14/1996	RF(1)	27	N/A	N/A
Wire-lettuce, Malheur	<i>Stephanomeria malheurensis</i>	11/10/1982	E	3/21/1991	F	30	7/31/2019	No change in status
Wireweed	<i>Polygonella basiramia</i>	1/21/1987	E	5/18/1999	F	22	9/7/2010	No change in status
Woodland-star, San Clemente Island	<i>Lithophragma maximum</i>	8/8/1997	E	1/26/1984	F	27	8/20/2020	No change in status
Woolly-star, Santa Ana River	<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	9/28/1987	E	N/A	N/A	N/A	10/29/2010	No change in status
Wooly-threads, San Joaquin	<i>Monolopia</i> (=Lembertia) <i>congdonii</i>	7/19/1990	E	9/30/1998	F	18	8/26/2020	No change in status
Yellowhead, desert	<i>Yermo xanthocephalus</i>	3/14/2002	T	2/22/2010	O	N/A	2/13/2020	No change in status
Yerba santa, Lompoc	<i>Eriodictyon capitatum</i>	3/20/2000	E	N/A	N/A	N/A	2/8/2011	No change in status
Ziziphus, Florida	<i>Ziziphus celata</i>	7/27/1989	E	5/18/1999	F	29	8/27/2009	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-12. Species, recovery plan, and recovery status information for listed conifer species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Cypress, Gowen	<i>Cupressus goveniana ssp. goveniana</i>	8/12/1998	T	8/19/2004	F	6	3/28/2012	No change in status
Cypress, Santa Cruz	<i>Cupressus abramsiana</i>	1/8/1987	T	9/26/1998	F	5	2/19/2016	Downlist to T
Fadang	<i>Cycas micronesica</i>	11/2/2015	T	2/3/2020	O	N/A	8/19/2020	No change in status
Torreya, Florida	<i>Torreya taxifolia</i>	1/23/1984	E	9/9/1986	F	22	7/10/2020	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-13. Species, recovery plan, and recovery status information for listed fern and fern ally species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Aumakua, Palapalai	<i>Dryopteris crinalis</i> var. <i>podosorus</i>	5/13/2010	E	9/4/2019	D	57	9/13/2017	No change in status
Diellia, Asplenium-leaved	<i>Asplenium dielirectum</i>	11/10/1994	E	7/10/1999	F	18	8/20/2015	No change in status
Fern, Alabama streak-sorus	<i>Thelypteris pilosa</i> var. <i>alabamensis</i>	7/8/1992	T	10/25/1996	F	2	3/31/2014	No change in status
Fern, Aleutian shield	<i>Polystichum aleuticum</i>	2/17/1988	E	9/30/1992	F	9	4/25/2019	No change in status
Fern, American hart's-tongue	<i>Asplenium scolopendrium</i> var. <i>americanum</i>	7/14/1989	T	9/15/1993	F	16	7/29/2020	Delist due to recovery
Fern, Elfin tree	<i>Cyathea dryopteroides</i>	6/16/1987	E	1/31/1991	F	5	7/25/2019	No change in status
Fern, Florida bristle	<i>Trichomanes punctatum</i> ssp. <i>floridanum</i>	11/5/2015	E	10/3/2018	O	N/A	N/A	N/A
Fern, pendant kihi	<i>Adenophorus periens</i>	11/10/1994	E	7/10/1999	F	19	6/30/2015	No change in status
Hohiu	<i>Dryopteris glabra</i> var. <i>pusilla</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
Ihi`ihi	<i>Marsilea villosa</i>	6/22/1992	E	4/18/1996	F	40	10/23/2018	No change in status
Kupukupu makalii	<i>Cyclosorus boydiae</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Adiantum vivesii</i>	6/9/1993	E	1/17/1995	F	9	9/25/2018	Delist due to error
No common name	<i>Asplenium dielfalcatum</i>	10/29/1991	E	8/10/1998	F	21	9/30/2019	No change in status
No common name	<i>Asplenium diellaciniatum</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Asplenium dielmannii</i>	5/13/2010	E	9/4/2019	D	57	9/8/2017	No change in status
No common name	<i>Asplenium dielpallidum</i>	2/25/1994	E	9/4/2019	RD(1)	59	9/8/2017	No change in status
No common name	<i>Asplenium peruvianum</i> var. <i>insulare</i>	9/26/1994	E	4/10/1998	F	18	9/30/2020	No change in status
No common name	<i>Asplenium unisorum</i>	6/27/1994	E	8/10/1998	F	20	9/20/2019	No change in status
No common name	<i>Deparia kaalaana</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Diplazium molokaiense</i>	9/26/1994	E	4/10/1998	F	18	9/29/2020	No change in status
No common name	<i>Doryopteris angelica</i>	5/13/2010	E	9/4/2019	D	56	9/13/2017	No change in status
No common name	<i>Doryopteris takeuchii</i>	10/18/2012	E	7/26/2018	O	N/A	8/30/2019	No change in status
No common name	<i>Elaphoglossum serpens</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Huperzia stemmermanniae</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A
No common name	<i>Microlepia strigosa</i> var. <i>mauiensis</i>	10/31/2016	E	8/3/2020	O	N/A	N/A	N/A

Table B. Recovery Data for FY 2019-2020

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
No common name	<i>Polystichum calderonense</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Pteris lidgatei</i>	9/26/1994	E	4/10/1998	F	18	6/5/2014	No change in status
No common name	<i>Tectaria estremezana</i>	6/9/1993	E	1/17/1995	F	9	7/27/2017	No change in status
No common name	<i>Thelypteris inabonensis</i>	7/2/1993	E	1/17/1995	F	8	5/12/2015	No change in status
No common name	<i>Thelypteris verecunda</i>	7/2/1993	E	1/17/1995	F	8	5/12/2015	No change in status
No common name	<i>Thelypteris vaucoensis</i>	7/2/1993	E	1/17/1995	F	8	5/12/2015	No change in status
olua	<i>Hypolepis hawaiiensis</i> var. <i>mauiensis</i>	10/31/2016	E	10/31/2019	O	N/A	N/A	N/A
Pauoa	<i>Ctenitis squamigera</i>	9/26/1994	E	4/10/1998	F	18	7/30/2013	No change in status
Quillwort, black spored	<i>Isoetes melanospora</i>	2/5/1988	E	7/7/1993	F	9	9/11/2019	No change in status
Quillwort, Louisiana	<i>Isoetes louisianensis</i>	10/28/1992	E	9/30/1996	F	10	8/1/2019	No change in status
Quillwort, mat-forming	<i>Isoetes tegetiformans</i>	2/5/1988	E	7/7/1993	F	9	9/11/2019	No change in status
Wawae`iole	<i>Huperzia mannii</i>	5/15/1992	E	7/29/1997	F	24	9/30/2020	No change in status
Wawae`iole	<i>Huperzia nutans</i>	3/28/1994	E	8/10/1998	F	19	9/14/2017	No change in status

Table B. Recovery Data for FY 2019-2020

Table B-14. Species, recovery plan, and recovery status information for listed lichen species.

Species Name	Scientific Name	Date Listed	Listing Classification	Active Plan Date	Plan Status	Number of Recovery Actions Implemented	Date Status Review Completed	Status Review Recommendation
Cladonia, Florida perforate	<i>Cladonia perforata</i>	4/27/1993	E	5/18/1999	F	17	9/17/2007	No change in status
Lichen, rock gnome	<i>Gymnoderma lineare</i>	1/18/1995	E	9/30/1997	F	7	8/27/2020	No change in status



The U.S. Fish and Wildlife Service is responsible under the Endangered Species Act for conserving and recovering our nation's rarest plant and animal species and their habitats, working in cooperation with other public and private partners.

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