

Report to Congress on the Recovery of Threatened and Endangered Species

Fiscal Years 2015-2016



On the cover: Grizzly bear, Nihoa millerbird, Aleutian shield fern, Louisiana quillwort, Florida torrey, Wawae'iolo, Mesa Verde cactus, Hidden Lake bluecurls, steamboat buckwheat, Welsh's milkweed, fountain thistle, popolo ku mai, Arizona cliffrose, Florida Brickell-bush, and soft bird's-beak. Artwork by Miles Yun

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This biennial report provides an update on the progress toward recovery of all domestic threatened and endangered species protected under the Endangered Species Act (ESA) for which the U.S. Fish and Wildlife Service (Service) has lead responsibility. This report covers progress toward recovery during the period between October 1, 2014, and September 30, 2016. Data, organized by major taxonomic groupings in the following tables, are presented for each U.S. listed domestic species under the jurisdiction of the Service. At the close of this reporting period, the Service had lead responsibility for recovering 1,517 federally listed threatened (328) and endangered (1,189) species. 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 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 implemented;
- the species' listing classification as an endangered species or threatened species;
- the species' recovery priority number;
- the date the species' most recent 5-year review was completed; and
- the species' 5-year review status recommendation from the most recent review.



Credit: Rick Swart/ODFW

Culminating a 20-year partnership with many public and private partners, the Service announced the removal of the Oregon chub from federal protection in February 2015. The chub was the first of any federally protected fish to reach the recovery milestone.

Species Name

Species are listed in the tables by common name within their respective taxonomic groups. Where a species has more than one commonly 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). The scientific name is also given in parentheses behind the common name. 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 taxa groups:

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

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 5-year status review, and relevant Federal Register publications may be accessed from the species profile page.



Credit: Tom MacKenzie/USFWS

Theodore Roosevelt IV lauded conservation partnerships at a press conference in May 2015 announcing the Service’s proposal to remove the Louisiana black bear from threatened status following recovery.

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 announcing the listing decision. In some instances, species listings have been revised. For revisions related to taxonomic splits (i.e., what was originally listed as a single species is now recognized as multiple species or subspecies), we maintain the original listing date with the original species and report the date of the revision for the newly listed taxa. As a rule of thumb, if the individuals receiving the protections of the ESA are unchanged by the revision, we report the original listing date.

Active Recovery Plan Date

This indicates the 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 final recovery plan or published draft 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, including cases where we have determined that another document fulfills the recovery planning needs (e.g., Little Kern golden trout). We also corrected entries for eight species where previous reports erroneously indicated the completion of a recovery plan for the species, although only a conservation strategy had been completed by the date of this report (i.e., riparian brush rabbit, riparian woodrat, Akikiki, Comal Springs riffle beetle, Comal Springs dryopid

beetle, Ohlone tiger beetle, Peck’s cave amphipod, and Scotts Valley polygonum).

Recovery Plan Status

Updates on the development and implementation of 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.

The Service remains committed to its goal of having a recovery plan for every listed domestic species, where it promotes the conservation of the

species. 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 FY2016 reporting period 76% (1,148) of all domestic species under the jurisdiction of the Service had recovery plans (30 of which were drafted or finalized during this reporting period). Of the species with recovery plans, most had final recovery plans available, with 4% (46 species) having draft recovery plans that had not yet been finalized.

Of the 361 domestic species needing recovery plans at the end of FY2016, 47 were newly listed during this reporting period.

The status of recovery plan development is reported below:

- **F:** Final plan has been approved by the Regional Director and a Notice of Availability has been published in the Federal Register.
- **D:** Draft plan has been approved by the Regional Director and published in

the Federal Register as available for public comment.

- **RD(#):** Draft of the revised plan has been approved by the Regional Director and published in the Federal Register as available for public 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 approved by the Regional Director and a Notice of Availability has been published in the Federal Register. The first revision is recorded as RF(1), the second revision is RF(2), etc.
- **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.

In recent years, we also reported the estimated time and cost to recovery

for species. Recovery plans must, to the maximum extent practicable, provide estimates of time and cost to recovery. However, because we have found those estimates to vary widely from plan to plan because of different underlying assumptions, these fields have been omitted from the 2016 report. Additionally, most multi-species plans provide a total cost for all species in the recovery plan and do not clearly delineate costs for each species. This may be appropriate in certain circumstances where costs are not necessarily separable or additive across species (e.g., multiple species depending on the same or overlapping geographic areas). Rather than attempt to rectify issues with reporting of time and cost estimates, we are not including this data in this report.

Number of Recovery Actions Implemented

The “number of recovery actions implemented” represents the cumulative number of recovery actions identified in the implementation schedules of the recovery documents (in the Recovery Plans database) as implemented as of September 30, 2016. Recovery actions are defined as actions relevant to eliminating or reducing the threats identified in listing rules, recovery plans, and through subsequent 5-year reviews that are identified in the Recovery Plans database. 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.

Listing Classification

The species’ listing classification, as of September 30, 2016, is included in the table (T or E). At the close of this reporting period, the Service had lead responsibility for recovering 1,517 federally-listed threatened species (328) and endangered species (1,189),

Dr. Carol Bocetti of the California University of Pennsylvania holds a Delmarva Peninsula fox squirrel captured during a population survey. The squirrel was removed from federal protection in December 2015.



Credit: Ryan Hagerty / USFWS



a low priority rank (16, 17, or 18) are those with the lowest risk of extinction and low recovery potentials. See 48 FR 43098-43105 (Sept. 21, 1983), and Table 3 on 48 FR 51935 (Nov. 15, 1983) for additional information on this prioritization system. Thus, the species with the highest degree of threat are given our highest priority for preparation and implementation of recovery plans.

Although RPNs are intended to serve as guidelines for prioritizing development and implementation of recovery plans, many other factors affect how we allocate limited recovery resources. Thus, while individual regions and field offices prioritize funding for listed species based on a variety of factors that likely include the species recovery priority rankings, degree of threat and potential for success, many other factors affect how we allocate our limited recovery funding. These other factors include the number of species benefiting from an action, partnership opportunities, leveraging of funding with other partners, and whether the action will promote recovery or improve species status over a large geographic area. In addition, some recovery funding is necessarily expended to maintain a species status or move a species closer to recovery and delisting. As a species moves closer towards achieving recovery, the degree of threats to the species decreases, and is reflected in a lower RPN. However, without continued funding for ongoing or remaining recovery actions, it is often impossible to maintain a species' improved status or to delist the species, which may affect the RPN. Therefore, some funding decisions are made based on the need to maintain a species' improved status, on the ability to move a species closer to recovery, or to move a species to the point that it is fully recovered and ready for delisting.

While the Service's RPN guidelines are intended to be used as a guide for prioritizing recovery planning and implementation rather than being

Ongoing collaborations by stakeholders to reduce threats to the Santa Cruz cypress and improve data on tree locations resulted in an increase in the number of known trees from 2,300 in 1987 to as many as 44,000. The Service announced the reclassification of the species from endangered to threatened in February 2016.

47 (22 threatened and 25 endangered) of which were listed during this 2-year reporting period.

Recovery Priority Number

The first step for the conservation of any species is to prevent its extinction. We also must balance appropriate use of the limited resources available to implement the ESA. To this end, each species is assigned a Recovery Priority Number (RPN) from 1 to 18 according

to the degree of threats, recovery potential, and taxonomic distinctness. In addition, a species' rank may be elevated by adding a "C" designation to its numerical rank to indicate that it is, or may be, in conflict with construction or other development projects, or other forms of economic activity. Species with a high priority rank (1, 1C, 2, 2C) are those with the highest risk of extinction and a high potential for recovery. Species with

an inflexible framework, we have undertaken several steps to ensure that RPNs are regularly reviewed and updated. These practices help RPNs keep pace with the on-the-ground conditions for federally listed species, and increase their relevance in decision-making. We include review of RPNs as part of our periodic species 5-year status reviews required by section 4(c)(2) of the ESA and update them in the Service's databases. This allows us to better communicate our

recovery progress and priorities to our partners and stakeholders.

Date Five-Year Review Completed

A 5-year review is a periodic review of the status of species listed under the ESA, which is conducted at least once every 5 years. The purpose of a 5-year review is to ensure that listed species have the appropriate level of protection under the ESA. The reviews assess each threatened species and endangered species to determine

whether its status has changed since the time of its listing or its last status review and whether it should be classified differently or delisted. The completion date is the date the most recent 5-year review was signed by the Service's Regional Director or appropriate delegated authority. An "N/A" in this column indicates that a 5-year review has not yet been completed for the species. The table does not include a column specifically for showing whether an initial or new 5-year review has been initiated, although this is addressed in the next section.

Five-Year Review Status Recommendation

Five-year review status recommendations are also included in this report. Our 5-year 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, allowing for public engagement in the process. The outcome of a 5-year review does not by itself change the status of a species. However, if the Service's 5-year 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 by the ESA. No change in status of the species may occur until the completion of the rulemaking process. Acting on 5-year 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. All status reviews that are conducted for a listed species may fulfill the requirements of a 5-year review. For example, if the Service is petitioned to reclassify a species, the status review that would be conducted for the 12-month finding may qualify as a 5-year review. Also, an internally-driven status review that is conducted

U.S. Fish and Wildlife Service biologist Joseph Brandt observes California condor #111, female parent at the Koford's Ridge nest. A webcam placed near the nest in Spring 2016 allowed the public to view condor parents raising their chick in the wild.



Credit: USFWS



Efforts of multiple partners under the ESA helped island foxes on California's Channel Islands evade extinction and led to the fastest successful recovery for any federally listed mammal in the United States in April 2016.

on a listed species because the Service is considering splitting it into two or more distinct population segments (DPSs), combining DPSs, or for other reasons, may also qualify as a 5-year review. However, status reviews may only fulfill the requirement of a 5-year 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.

Further, it is important to note that a proposed reclassification of a species may occur without a 5-year review. The Secretary of the Interior may review the status of any species at any time (50 CFR 424.21). Five-year 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 <http://ecos.fws.gov/ecp/> and searching for the species by name. The 5-year review status recommendation of 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 resources. It may take many years and generations

of a species before the species has recovered enough to be delisted or reclassified to a threatened species, as the Service must often immediately focus on stabilizing critically depleted populations when a species is first listed. The Service may recommend that a species' listing status remain unchanged, even though the species has made great progress towards recovery since its listing. Thus, a 5-year review status 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 in error.

- **Reclassify to E:** Species for which the best available information indicates a decline in the species' status since its listing or previous 5-year review such that it is now in danger of extinction throughout all or a significant portion of its range. This decline may be due to one or more of the five threat factors identified in the listing or previous 5-year review.

- **Revision:** This recommendation is used only in the Recovery Report. It reflects a 5-year status review recommendation to revise the listed entity. For example, we may recommend a change in how a species

is listed because of a recent taxonomic revision.

For species that do not yet have a completed 5-year review with associated recommendations, the following entries are used:

- **Not yet initiated:** For species with this status, a 5-year status review has not yet been started.

- **Species Listed < 5 years:** For species with this status, a 5-year status review is not yet due. Additionally, some entries include an asterisk (*), either alone or accompanying one of the recommendations above. The asterisk indicates that a 5-year status review had been initiated and was ongoing as of September 30, 2016. If accompanied by a recommendation, the recommendation applies to the previous 5-year review.

Five-Year Review Status Recommendations Data Analysis

The Service continued to make significant progress towards completing 5-year reviews during Fiscal Years 2015 and 2016. As of September 30, 2016, 5-year reviews have been completed for 76% (1,150) of the domestic species listed for 5 or more years and under the jurisdiction of the Service; 12% (139) of which were completed during Fiscal Years 2015-2016.

In addition to completed reviews, by the end of this reporting period 5-year reviews have been initiated for 34% (515) of the domestic species (155 for the first time and 360 representing a subsequent cycle of 5-year review for the species). Of the species listed for five or more years, less than 1% (6) do not have an initiated 5-year status review. Thus, as of September 30, 2016, 5-year status reviews have been completed or initiated for nearly 100% of all listed domestic species under the jurisdiction of the Service.

Of the 5-year reviews completed, approximately 1% (6) recommend a revision to the listed entity, 1% (13) recommend reclassifying from threatened to endangered, 93% (1,070) recommend no change in status for

Conservation history was made in May 2016 when the first captive-bred Florida grasshopper sparrow chicks hatched at the Rare Species Conservatory Foundation in Loxahatchee, Florida—a major breakthrough for one of North America's most endangered birds.



Credit: Mary Peterson/USFWS



Northwood Middle School Students release yellowfin madtoms into the North Fork Holston River in June 2016. In all, 300 madtoms were released by students, teachers, County Board members, agency officials, and even Representative Morgan Griffith.

the species, 3% (37) recommend reclassifying from endangered to threatened, and 2% (23) recommend delisting (3 due to error, 9 due to extinction, and 11 due to recovery).



A yellowfin madtom awaiting release into the North Fork Holston River in southwestern Virginia. The release ended a 128-year absence from the river and served a critical first step toward re-establishing the federally threatened fish into its former range.

Recovery Data as of September 30, 2016

Table 1. Species, recovery plan, and recovery status information for listed mammals.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Bat, Florida bonneted (<i>Eumops floridanus</i>) | 11/1/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Bat, gray (<i>Myotis grisescens</i>) | 4/28/1976 | 7/8/1982 | F | 29 | E | 8 | 9/30/2009 | No change to listed status* |
| Bat, Hawaiian hoary (<i>Lasiurus cinereus semotus</i>) | 10/13/1970 | 5/11/1998 | F | 9 | E | 9 | 9/30/2011 | No change to listed status |
| Bat, Indiana (<i>Myotis sodalis</i>) | 3/11/1967 | 4/16/2007 | RD(1) | 41 | E | 5 | 9/30/2009 | No change to listed status* |
| Bat, lesser long-nosed (<i>Leptonycteris curasoae verbabuenae</i>) | 9/30/1988 | 3/4/1997 | F | 21 | E | 8 | 9/11/2007 | Reclassify to T |
| Bat, little Mariana fruit (<i>Pteropus tokudae</i>) | 8/27/1984 | 11/2/1990 | F | 42 | E | 5 | 6/30/2015 | No change to listed status |
| Bat, Mariana fruit (=Mariana flying fox) (<i>Pteropus mariannus mariannus</i>) | 8/27/1984 | 3/30/2010 | RD(1) | 7 | T | 9 | 8/12/2014 | No change to listed status |
| Bat, Mexican long-nosed (<i>Leptonycteris nivalis</i>) | 9/30/1988 | 9/8/1994 | F | 6 | E | 5 | N/A | * |
| Bat, Northern long-eared (<i>Myotis septentrionalis</i>) | 5/4/2015 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Bat, Ozark big-eared (<i>Conyorchinus</i> (=Plecotus) <i>townsendii inagens</i>) | 11/30/1979 | 3/28/1995 | RF(1) | 23 | E | 3 | 5/22/2008 | No change to listed status |
| Bat, Pacific sheath-tailed (Mariana subspecies) (Payevl, Paischev) (<i>Emballonura semicaudata rotensis</i>) | 11/2/2015 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| Bat, Virginia big-eared (<i>Conyorchinus</i> (=Plecotus) <i>townsendii virginianus</i>) | 12/31/1979 | 5/8/1984 | F | 34 | E | 9C | 8/27/2008 | No change to listed status* |
| Bear, grizzly (lower 48 States)(<i>Ursus arctos horribilis</i>) | 7/28/1975 | 9/10/1993 | RF(1) | 261 | T | 9C | 9/6/2011 | No change to listed status |
| Bear, polar (<i>Ursus maritimus</i>) | 5/15/2008 | N/A | N/A | N/A | T | 5C | N/A | * |
| Bison, wood (Bison bison athabascae) | 6/2/1970 | N/A | N/A | N/A | T | 15 | 2/8/2011 | Reclassify to T |
| Caribou, woodland (Southern Selkirk Mountains DPS) (<i>Rangifer tarandus caribou</i>) | 1/14/1983 | 3/4/1994 | RF(1) | 49 | E | 3C | 12/5/2008 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

* 5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Deer, Columbian white-tailed [Columbia River DPS] [Odocoileus virginianus leucurus] | 3/11/1967 | 6/14/1983 | RF(1) | 14 | E | 15 | 11/5/2013 | Reclassify to T |
| Deer, key [Odocoileus virginianus clavium] | 3/11/1967 | 5/18/1999 | F | 66 | E | 6C | 8/23/2010 | No change to listed status |
| Ferret, black-footed [Mustela nigripes] | 3/11/1967 | 11/8/2013 | RF(2) | 239 | E | 2C | 8/13/2014 | No change to listed status |
| Fox, San Joaquin kit [Vulpes macrotis mutica] | 3/11/1967 | 9/30/1998 | F | 55 | E | 3C | 2/16/2010 | No change to listed status |
| Fox, Santa Catalina Island [Urocyon littoralis catalinae] | 3/5/2004 | 2/27/2015 | F | 23 | T | 9 | N/A | * |
| Jaguar [Panthera onca] | 3/28/1972 | N/A | N/A | N/A | E | 5C | N/A | * |
| Jaguarundi, Gulf Coast [Herpailurus (=Felis) yagouaroundi cacomitli] | 6/14/1976 | 12/20/2013 | F | 36 | E | 6 | N/A | * |
| Jaguarundi, Sinaloa [Herpailurus (=Felis) yagouaroundi tolteca] | 6/14/1976 | Exempt | Exempt | Exempt | E | 6 | N/A | Not yet initiated |
| Kangaroo rat, Fresno [Dipodomys nitratoides exilis] | 1/30/1985 | 9/30/1998 | F | 14 | E | 6C | 2/16/2010 | No change to listed status |
| Kangaroo rat, giant [Dipodomys ingens] | 1/5/1987 | 9/30/1998 | F | 20 | E | 2C | 2/16/2010 | No change to listed status |
| Kangaroo rat, Morro Bay [Dipodomys heermanni morroensis] | 10/13/1970 | 1/25/2000 | RD(1) | 17 | E | 6C | 5/26/2011 | No change to listed status |
| Kangaroo rat, San Bernardino Merriam's [Dipodomys merriami parvus] | 1/27/1998 | N/A | N/A | N/A | E | 6C | 8/14/2009 | No change to listed status |
| Kangaroo rat, Stephens' [Dipodomys stephensi (incl. D. cascus)] | 9/30/1988 | 6/23/1997 | D | 15 | E | 11 | 7/22/2011 | Reclassify to T |
| Kangaroo rat, Tipton [Dipodomys nitratoides nitratoides] | 7/8/1988 | 9/30/1998 | F | 16 | E | 3C | 2/16/2010 | No change to listed status |
| Lynx, Canada [Contiguous U.S. DPS] [Lynx canadensis] | 3/24/2000 | N/A | N/A | N/A | T | 15 | N/A | * |
| Manatee, West Indian [Trichechus manatus] | 3/11/1967 | 10-30-2001, 12-24-1986 | F, RF(3) | 126 | E | 5C | 4/6/2007 | Reclassify to T* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Margay (<i>Leopardus (=Felis) wiedii</i>) | 3/30/1972 | N/A | N/A | N/A | E | UNK | N/A | N/A |
| Mountain beaver, Point Arena (<i>Aplodontia rufa nigra</i>) | 12/12/1991 | 6/2/1998 | F | 22 | E | 9C | 4/1/2009 | No change to listed status* |
| Mouse, Alabama beach (<i>Peromyscus polionotus ammobates</i>) | 6/6/1985 | 8/12/1987 | F | 36 | E | 3C | 11/23/2009 | No change to listed status* |
| Mouse, Anastasia Island beach (<i>Peromyscus polionotus phasma</i>) | 5/12/1989 | 9/23/1993 | F | 10 | E | 6C | 9/6/2007 | No change to listed status* |
| Mouse, Choctawhatchee beach (<i>Peromyscus polionotus allaphys</i>) | 6/6/1985 | 8/12/1987 | F | 39 | E | 3C | 9/4/2007 | No change to listed status* |
| Mouse, Key Largo cotton (<i>Peromyscus gossypinus allapaticola</i>) | 9/21/1983 | 5/18/1999 | F | 18 | E | 3C | 3/26/2009 | No change to listed status |
| Mouse, New Mexico meadow jumping (<i>Zapus hudsonius luteus</i>) | 7/10/2014 | N/A | N/A | N/A | E | 3C | N/A | Species listed <5 years |
| Mouse, Pacific pocket (<i>Perognathus longimembris pacificus</i>) | 2/3/1994 | 9/28/1998 | F | 32 | E | 6C | 4/1/2010 | No change to listed status |
| Mouse, Perdido Key beach (<i>Peromyscus polionotus trisyllepsis</i>) | 6/6/1985 | 8/12/1987 | F | 47 | E | 3C | 12/5/2014 | No change to listed status |
| Mouse, Preble's meadow jumping (<i>Zapus hudsonius preblei</i>) | 5/13/1998 | 4/11/2016 | D | N/A | T | 9C | 5/8/2014 | No change to listed status |
| Mouse, salt marsh harvest (<i>Reithrodontomys raviventris</i>) | 10/13/1970 | 8/27/2013 | F | 37 | E | 2C | 2/16/2010 | No change to listed status |
| Mouse, southeastern beach (<i>Peromyscus polionotus niveiventris</i>) | 5/12/1989 | 9/23/1993 | F | 8 | T | 9C | 4/7/2008 | No change to listed status* |
| Mouse, St. Andrew beach (<i>Peromyscus polionotus peninsularis</i>) | 12/18/1998 | 10/25/2010 | F | 12 | E | 3C | 4/6/2009 | No change to listed status |
| Ocelot (<i>Leopardus (=Felis) pardalis</i>) | 3/28/1972 | 7/28/2016 | F | 75 | E | 5C | N/A | * |
| Otter, Northern Sea [Southwest Alaska DPS] (<i>Enhydra lutris kenyoni</i>) | 8/9/2005 | 8/13/2013 | F | 3 | T | 6 | 8/21/2013 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Otter, southern sea (<i>Enhydra lutris nereis</i>) | 1/14/1977 | 4/3/2003 | RF(1) | 21 | T | 9C | 9/15/2015 | No change to listed status |
| Panther, Florida (<i>Puma</i> (=Felis) <i>concolor coryi</i>) | 3/11/1967 | 11/1/2008 | RF(3) | 89 | E | 6C | 4/28/2009 | No change to listed status |
| Pocket gopher, Olympia (<i>Thomomys mazama pugtensis</i>) | 5/9/2014 | N/A | N/A | N/A | T | 6C | N/A | Species listed <5 years |
| Pocket gopher, Roy Prairie (<i>Thomomys mazama alacalis</i>) | 5/9/2014 | N/A | N/A | N/A | T | 6C | N/A | Species listed <5 years |
| Pocket gopher, Tenino (<i>Thomomys mazama turnuli</i>) | 5/9/2014 | N/A | N/A | N/A | T | 6C | N/A | Species listed <5 years |
| Pocket gopher, Yelm (<i>Thomomys mazama yelmensis</i>) | 5/9/2014 | N/A | N/A | N/A | T | 6C | N/A | Species listed <5 years |
| Prairie dog, Utah (<i>Cynomys parvidens</i>) | 6/4/1973 | 3/1/2012 | RF(1) | 19 | T | 8C | 4/20/2012 | No change to listed status |
| Pronghorn, Sonoran (<i>Antilocapra americana sonoriensis</i>) | 3/11/1967 | 04-08-2015, 12-03-1998 | D, RF(1) | 21 | E | 3 | N/A | * |
| Puma (=cougar), eastern (<i>Puma</i> (=Felis) <i>concolor couguar</i>) | 6/4/1973 | 8/2/1982 | F | N/A | E | 18 | 3/2/2011 | Delist due to extinction |
| Rabbit, Columbia Basin Pygmy (Columbia Basin DPS) (<i>Brachylagus idahoensis</i>) | 11/30/2001 | 1/23/2013 | F | 94 | E | 6 | 9/29/2010 | No change to listed status |
| Rabbit, Lower Keys marsh (<i>Sylvilagus palustris hefneri</i>) | 6/21/1990 | 5/18/1999 | F | 39 | E | 6C | 9/21/2007 | No change to listed status |
| Rabbit, riparian brush (<i>Sylvilagus bachmani riparius</i>) | 2/23/2000 | N/A | N/A | N/A | E | 6C | N/A | * |
| Rice rat (Lower FL Keys DPS) (<i>Oryzomys palustris natator</i>) | 4/30/1991 | 5/18/1999 | F | 13 | E | 3C | 8/18/2008 | No change to listed status |
| Sheep, Peninsular bighorn (Peninsular CA DPS) (<i>Ovis canadensis nelsoni</i>) | 3/18/1998 | 10/25/2000 | F | 39 | E | 9C | 4/21/2011 | No change to listed status |
| Sheep, Sierra Nevada bighorn (<i>Ovis canadensis sierrae</i>) | 4/20/1999 | 9/24/2007 | F | 25 | E | 3C | 9/30/2008 | No change to listed status* |
| Shrew, Buena Vista Lake ornate (<i>Sorex ornatus relictus</i>) | 3/6/2002 | 9/30/1998 | F | 12 | E | 3C | 9/8/2011 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

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| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Squirrel, Carolina northern flying (<i>Glaucomys sabrinus coloratus</i>) | 7/1/1985 | 9/24/1990 | F | 20 | E | 6C | 6/28/2013 | No change to listed status |
| Squirrel, Mount Graham red (<i>Tamiasciurus hudsonicus grahamensis</i>) | 6/3/1987 | 5/27/2011 | RD(1) | 13 | E | 6C | 1/15/2008 | No change to listed status |
| Squirrel, northern Idaho ground (<i>Spermophilus brunneus brunneus</i>) | 4/5/2000 | 9/16/2003 | F | 42 | T | 2C | 9/13/2011 | No change to listed status* |
| Vole, Amargosa (<i>Microtus californicus scirpensis</i>) | 11/15/1984 | 9/15/1997 | F | 23 | E | 6 | 2/4/2009 | No change to listed status* |
| Vole, Florida salt marsh (<i>Microtus pennsylvanicus dukecampbellii</i>) | 1/14/1991 | 9/30/1997 | F | 6 | E | 6 | 6/5/2008 | No change to listed status* |
| Vole, Hualapai Mexican (<i>Microtus mexicanus hualpaiensis</i>) | 10/1/1987 | 8/19/1991 | F | 13 | E | 4 | 1/18/2016 | Delist due to error |
| Wolf, gray [MN DPS] (<i>Canis lupus</i>) | 3/9/1978 | 1/31/1992 | RF(1) | 70 | T | 14C | N/A | * |
| Wolf, gray [Northern Rocky Mountain DPS] (<i>Canis lupus</i>) | 3/9/1978 | 1/31/1992 | RF(1) | 77 | E | 3C | 2/29/2012 | Revision of listed entity |
| Wolf, Mexican (<i>Canis lupus baileyi</i>) | 4/28/1976 | 9/15/1982 | F | 50 | E | UNK | N/A | N/A |
| Wolf, red (<i>Canis rufus</i>) | 3/11/1967 | 10/26/1990 | RF(2) | 40 | E | 5C | 9/28/2007 | No change to listed status |
| Woodrat, Key Largo (<i>Neotoma floridana smailii</i>) | 9/21/1983 | 5/18/1999 | F | 20 | E | 3C | 9/25/2008 | No change to listed status* |
| Woodrat, riparian (San Joaquin Valley) (<i>Neotoma fuscipes riparia</i>) | 2/23/2000 | N/A | N/A | N/A | E | 3C | 6/20/2012 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

* 5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 2. Species, recovery plan, and recovery status information for listed birds.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>O'o, Kauai (honeyeater) (<i>Moho braccatus</i>)</u> | 3/11/1967 | 9/22/2006 | RF(1) | 121 | E | 4 | 7/29/2009 | No change to listed status* |
| <u>O'u (honeycreeper) (<i>Pittirostra psittacea</i>)</u> | 3/11/1967 | 9/22/2006 | RF(1) | 123 | E | 4 | 8/20/2015 | No change to listed status |
| <u>Akekee (honeycreeper) (<i>Loxops caeruleirostris</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| <u>Akepa, Hawaii (<i>Loxops coccineus</i>)</u> | 10/13/1970 | 9/22/2006 | RF(1) | 175 | E | 8 | 8/20/2015 | No change to listed status |
| <u>Akepa, Maui (<i>Loxops ochraceus</i>)</u> | 10/13/1970 | 9/22/2006 | RF(1) | 5 | E | 5 | 8/17/2015 | No change to listed status* |
| <u>Akialoa, Kauai (<i>Akialoa steinegeri</i>)</u> | 3/11/1967 | 9/22/2006 | RF(1) | 121 | E | 5 | 7/31/2009 | No change to listed status* |
| <u>Akiapolaau (<i>Hemianthus wilsoni</i>)</u> | 3/11/1967 | 9/22/2006 | RF(1) | 190 | E | 2 | 8/18/2015 | No change to listed status |
| <u>Akikiki (<i>Oreomystis bairdi</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 1 | N/A | * |
| <u>Albatross, short-tailed (<i>Phoebastria (=Diomedea) albatrus</i>)</u> | 6/2/1970 | 9/17/2008 | F | 38 | E | 8 | 9/26/2014 | No change to listed status |
| <u>Blackbird, yellow-shouldered (<i>Agelaius xanthomus</i>)</u> | 12/12/1976 | 11/12/1996 | RF(1) | 14 | E | 2 | 2/2/2011 | No change to listed status* |
| <u>Bobwhite, masked quail (<i>Colinus virginianus ridgwayi</i>)</u> | 3/11/1967 | 4/21/1995 | RF(2) | 42 | E | 6 | 5/8/2014 | No change to listed status |
| <u>Caracara, crested (Audubon's) [EL DPS] (<i>Polyborus plancus audubonii</i>)</u> | 7/6/1987 | 5/18/1999 | F | 22 | T | 8C | 8/14/2009 | No change to listed status |
| <u>Condor, California (<i>Gymnogyps californianus</i>)</u> | 3/11/1967 | 4/25/1996 | RF(3) | 54 | E | 4C | 6/4/2013 | No change to listed status |
| <u>Coot, Hawaiian (<i>Fulica americana alai</i>)</u> | 10/13/1970 | 10/28/2011 | RF(2) | 31 | E | 8 | 7/6/2015 | No change to listed status |
| <u>Crane, Mississippi sandhill (<i>Grus canadensis pulla</i>)</u> | 6/4/1973 | 9/6/1991 | RF(3) | 16 | E | 6C | N/A | * |
| <u>Crane, whooping (<i>Grus americana</i>)</u> | 3/11/1967 | 3/30/2007 | RF(3) | 42 | E | 2C | 2/13/2012 | No change to listed status |
| <u>Creepers, Hawaii (<i>Oreomystis mana</i>)</u> | 10/28/1975 | 9/22/2006 | RF(1) | 180 | E | 8 | 8/18/2015 | No change to listed status |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Creeper, Molokai (<i>Parareomyza flammula</i>) | 10/13/1970 | 9/22/2006 | RF(1) | 4 | E | 5 | 8/25/2015 | No change to listed status* |
| Creeper, Oahu (<i>Parareomyza maculata</i>) | 10/13/1970 | 9/22/2006 | RF(1) | 5 | E | 5 | 8/8/2013 | No change to listed status |
| Crow, Hawaiian (= alala) (<i>Corvus hawaiiensis</i>) | 3/11/1967 | 4/17/2009 | RF(1) | 29 | E | 2C | 8/18/2015 | No change to listed status |
| Crow, Mariana (=aga) (<i>Corvus kubaryi</i>) | 8/27/1984 | 1/11/2006 | RD(1) | 32 | E | 5C | 8/12/2014 | No change to listed status |
| Crow, white-necked (<i>Corvus leucocephalus</i>) | 4/3/1991 | N/A | N/A | N/A | E | 11 | 8/24/2015 | No change to listed status |
| Cuckoo, yellow-billed [Western DPS] (<i>Coccyzus americanus</i>) | 11/3/2014 | N/A | N/A | N/A | T | 3C | N/A | Species listed <5 years |
| Curlew, Eskimo (<i>Numenius borealis</i>) | 3/11/1967 | N/A | N/A | N/A | E | 5 | 8/31/2011 | No change to listed status* |
| Duck, Hawaiian (=koloa) (<i>Anas wyvilliana</i>) | 3/11/1967 | 10/28/2011 | RF(2) | 37 | E | 2 | 7/23/2015 | No change to listed status |
| Duck, Laysan (<i>Anas laysanensis</i>) | 3/11/1967 | 7/7/2009 | RF(1) | 15 | E | 2 | 8/25/2014 | No change to listed status* |
| Eider, spectacled (<i>Somateria fischeri</i>) | 5/10/1993 | 8/12/1996 | F | 56 | T | 8 | 8/26/2010 | No change to listed status |
| Eider, Steller's [AK Breeding DPS] (<i>Polysticta stelleri</i>) | 6/11/1997 | 9/30/2002 | F | 64 | T | 3 | N/A | Not yet initiated |
| Elepaio, Oahu (<i>Chasiempis ibidis</i>) | 4/18/2000 | 9/22/2006 | RF(1) | 142 | E | 2 | 8/8/2013 | No change to listed status |
| Falcon, northern aplomado (<i>Falco femoralis septentrionalis</i>) | 2/25/1986 | 6/8/1990 | F | 18 | E | 3 | 8/26/2014 | No change to listed status |
| Finch, Laysan (honeycreeper) (<i>Telespyza cantans</i>) | 3/11/1967 | 10/4/1984 | F | 18 | E | 2 | 8/19/2014 | No change to listed status* |
| Finch, Nihoa (honeycreeper) (<i>Telespyza ultima</i>) | 3/11/1967 | 10/4/1984 | F | 18 | E | 2 | 9/20/2011 | No change to listed status* |
| Flycatcher, southwestern willow (<i>Empidonax traillii extimus</i>) | 2/27/1995 | 8/30/2002 | F | 106 | E | 3C | 8/15/2014 | No change to listed status |
| Gallinule, Hawaiian common (Alae ula) (<i>Gallinula chloropus sandvicensis</i>) | 3/11/1967 | 10/28/2011 | RF(2) | 34 | E | 9 | 8/3/2015 | No change to listed status |

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*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Gnatcatcher, coastal California (<i>Poliaptila californica californica</i>) | 3/30/1993 | N/A | N/A | N/A | T | 9C | 8/31/2016 | No change to listed status |
| Goose, Hawaiian (<i>Branta (=Nesochen) sandvicensis</i>) | 3/11/1967 | 9/24/2004 | RD(1) | 38 | E | 2 | 9/30/2011 | No change to listed status |
| Hawk, Hawaiian (=Io) (<i>Buteo solitarius</i>) | 3/11/1967 | 5/9/1984 | F | 8 | E | 14 | 8/6/2008 | Delist due to recovery |
| Hawk, Puerto Rican broad-winged (<i>Buteo platypterus brunescens</i>) | 9/9/1994 | 9/8/1997 | F | 7 | E | 6 | 10/28/2010 | No change to listed status |
| Hawk, Puerto Rican sharp-shinned (<i>Accipiter striatus venator</i>) | 9/9/1994 | 9/8/1997 | F | 11 | E | 3 | N/A | * |
| Honeycreeper, crested (Akohekohe) (<i>Palmeria dolei</i>) | 3/11/1967 | 9/22/2006 | RF(1) | 185 | E | 7 | 6/5/2014 | No change to listed status* |
| Horned lark, streaked (<i>Eremophila alpestris strigata</i>) | 11/4/2013 | N/A | N/A | N/A | T | 9C | N/A | Species listed <5 years |
| Kingfisher, Guam (<i>Todiramphus cinnamominus</i>) | 8/27/1984 | 10/3/2008 | RF(1) | 40 | E | 2 | 7/24/2014 | No change to listed status |
| Kite, snail (Everglade) (<i>Rostrhamus sociabilis plumbeus</i>) | 3/11/1967 | 5/18/1999 | F | 17 | E | 3C | 9/27/2007 | No change to listed status |
| Knot, red (<i>Calidris canutus rufa</i>) | 1/12/2015 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Megapode, Micronesian (=La Perouse's) (<i>Megapodius laepouse</i>) | 6/2/1970 | 4/10/1998 | F | 8 | E | 9 | 9/30/2016 | Reclassify to T |
| Millerbird, Nihoa (old world warbler) (<i>Acrocephalus familiaris kingi</i>) | 3/11/1967 | 10/4/1984 | F | 21 | E | 2 | 8/27/2010 | No change to listed status* |
| Moorhen, Mariana common (<i>Gallinula chloropus guami</i>) | 8/27/1984 | 9/30/1991 | F | 4 | E | 9C | 8/18/2015 | No change to listed status |
| Murrelet, marbled (CA, OR, WA, DPS) (<i>Brachyramphus marmoratus</i>) | 10/1/1992 | 9/24/1997 | F | 30 | T | 2C | 6/12/2009 | No change to listed status |
| Nightjar, Puerto Rican (<i>Caprimulgus noctitherus</i>) | 6/4/1973 | 4/19/1984 | F | 7 | E | 5C | 8/16/2012 | No change to listed status |
| Nukupuu, Kauai (<i>Hemignathus hanapepe</i>) | 3/11/1967 | 9/22/2006 | RF(1) | 117 | E | 5 | 8/27/2010 | No change to listed status* |
| Nukupuu, Maui (<i>Hemignathus affinis</i>) | 10/13/1970 | 9/22/2006 | RF(1) | | E | 5 | N/A | * |

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|---|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Owl, Mexican spotted (<i>Strix occidentalis lucida</i>) | 3/16/1993 | 12/18/2012 | RF(1) | 85 | T | 9C | 8/16/2013 | No change to listed status |
| Owl, northern spotted (<i>Strix occidentalis caurina</i>) | 6/26/1990 | 6/28/2011 | RF(1) | 16 | T | 12C | 9/29/2011 | No change to listed status |
| Pallid (honeycreeper) (<i>Loxiaides bairdii</i>) | 3/11/1967 | 9/22/2006 | RF(1) | 142 | E | 1 | 8/25/2015 | No change to listed status |
| Parrot, Puerto Rican (<i>Amazona vittata</i>) | 3/11/1967 | 5/9/2009 | RF(1) | 28 | E | 2 | 9/26/2008 | No change to listed status* |
| Parrot, thick-billed (<i>Rhynchopsitta pachyrhyncha</i>) | 6/2/1970 | 06-20-2013, 06-20-2009 | D, F | 5 | E | 5C | N/A | Not yet initiated |
| Parrotbill, Maui (Kiwikiu) (<i>Pseudonestor xanthophrys</i>) | 3/11/1967 | 9/22/2006 | RF(1) | 184 | E | 1 | 6/5/2014 | No change to listed status* |
| Petrel, Bermuda (<i>Pterodroma cahow</i>) | 6/2/1970 | N/A | N/A | N/A | E | 1 | 10/30/2013 | No change to listed status |
| Petrel, Hawaiian (<i>Pterodroma sandwichensis</i>) | 3/11/1967 | 4/25/1983 | F | 27 | E | 2 | 9/30/2011 | No change to listed status* |
| Pigeon, Puerto Rican plain (<i>Columba inornata wetmorei</i>) | 10/13/1970 | 10/14/1982 | F | 7 | E | 3C | 11/22/2011 | No change to listed status* |
| Plover, piping (Great Lakes watershed DPS) (<i>Charadrius melodus</i>) | 12/11/1985 | 9/8/2003 | F | 47 | E | 2C | 9/28/2009 | No change to listed status* |
| Plover, piping (Atlantic Coast and Northern Great Plains populations) (<i>Charadrius melodus</i>) | 12/11/1985 | 03-16-2016, 05-02-1996 | RD(1), RF(1) | 39 | T | 2C | 9/29/2009 | No change to listed status* |
| Plover, western snowy (Pacific Coast DPS) (<i>Charadrius alexandrinus nivosus</i>) | 3/5/1993 | 8/13/2007 | F | 87 | T | 3C | 6/8/2006 | No change to listed status* |
| Po'ouli (honeycreeper) (<i>Melamprosops phaeosoma</i>) | 10/28/1975 | 9/22/2006 | RF(1) | 177 | E | 4 | 8/20/2015 | No change to listed status* |
| Prairie-chicken, Atwater's greater (<i>Tympanuchus cupido attwateri</i>) | 3/11/1967 | 3/17/2010 | RF(2) | 44 | E | 6 | 4/28/2010 | No change to listed status |
| Rail, California clapper (<i>Rallus longirostris obsoletus</i>) | 10/13/1970 | 8/27/2013 | F | 43 | E | 3C | 4/29/2013 | No change to listed status |
| Rail, Guam (<i>Rallus owstoni</i>) | 4/11/1984 | 9/28/1990 | F | 46 | E | 2 | 8/20/2014 | No change to listed status |
| Rail, light-footed clapper (<i>Rallus longirostris levipipes</i>) | 10/13/1970 | 6/24/1985 | RF(1) | 131 | E | 6 | 8/10/2009 | No change to listed status* |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Rail, Yuma clapper (<i>Rallus longirostris yumanensis</i>) | 3/11/1967 | 2/10/2010 | RD(1) | 12 | E | 6 | 9/11/2006 | No change to listed status* |
| Sage-grouse, Gunnison (<i>Centrocercus minimus</i>) | 12/22/2014 | N/A | N/A | N/A | T | 8C | N/A | Species listed <5 years |
| Scrub-jay, Florida (<i>Aphelocoma coerulescens</i>) | 6/3/1987 | 5/9/1990 | F | 19 | T | 8C | 9/28/2007 | No change to listed status |
| Shearwater, Newell's Townsend's (<i>Puffinus auricularis newelli</i>) | 10/28/1975 | 4/25/1983 | F | 28 | T | 3 | 9/30/2011 | Reclassify to E* |
| Shrike, San Clemente loggerhead (<i>Lanius ludovicianus mearnsi</i>) | 9/12/1977 | 1/26/1984 | F | 18 | E | 12 | 6/17/2009 | No change to listed status* |
| Sparrow, Cape Sable seaside (<i>Ammodramus maritimus mirabilis</i>) | 3/11/1967 | 5/18/1999 | F | 14 | E | 3C | 8/18/2010 | No change to listed status |
| Sparrow, Florida grasshopper (<i>Ammodramus savannarum floridanus</i>) | 7/31/1986 | 5/18/1999 | F | 20 | E | 3C | 9/30/2008 | No change to listed status |
| Sparrow, San Clemente sage (<i>Amphispiza belli clementeae</i>) | 9/12/1977 | 1/26/1984 | F | 17 | T | 9 | 8/13/2009 | No change to listed status* |
| Stilt, Hawaiian (<i>Himantopus mexicanus knudseni</i>) | 10/13/1970 | 10/28/2011 | RF(2) | 33 | E | 9 | 8/27/2010 | No change to listed status |
| Stork, wood [Southeast U.S. DPS] (<i>Mycteria americana</i>) | 2/28/1984 | 1/27/1997 | RF(1) | 29 | T | 5C | 9/21/2007 | Reclassify to T |
| Swiftlet, Mariana gray (<i>Aerodramus vanikorensis bartschi</i>) | 8/27/1984 | 9/30/1991 | F | 19 | E | 8 | 8/6/2015 | No change to listed status |
| Tern, California least (<i>Sterna antillarum browni</i>) | 6/2/1970 | 9/27/1985 | RF(1) | 72 | E | 15C | 9/26/2006 | Reclassify to T* |
| Tern, least [Interior DPS] (<i>Sterna antillarum</i>) | 5/28/1985 | 9/19/1990 | F | 36 | E | 14 | 10/24/2013 | Delist due to recovery |
| Tern, roseate [Western Hemisphere DPS] (<i>Sterna dougallii dougallii</i>) | 11/2/1987 | 9/24/1993 | F | 8 | T | 3 | 9/30/2010 | No change to listed status |
| Tern, roseate [Northeast U.S. nesting population DPS] (<i>Sterna dougallii dougallii</i>) | 11/2/1987 | 11/5/1998 | RF(1) | 30 | E | 3 | 9/30/2010 | No change to listed status |
| Thrush, large Kauai (=kamao) (<i>Myadestes myadestinus</i>) | 10/13/1970 | 9/22/2006 | RF(1) | 121 | E | 5 | 7/31/2009 | No change to listed status* |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Thrush, Molokai (<i>Myadestes lanaiensis rufus</i>) | 10/13/1970 | 9/22/2006 | RF(1) | 5 | E | 5 | 8/20/2015 | No change to listed status* |
| Thrush, small Kauai (=puaiohi) (<i>Myadestes palmeri</i>) | 3/11/1967 | 9/22/2006 | RF(1) | 126 | E | 2 | 7/31/2009 | No change to listed status* |
| Towhee, Inyo California (<i>Pipilo crissalis eremophilus</i>) | 8/3/1987 | 4/10/1998 | F | 17 | T | 15 | 11/4/2013 | Delist due to recovery |
| Vireo, black-capped (<i>Vireo atricapilla</i>) | 10/6/1987 | 9/30/1991 | F | 28 | E | 8 | 7/26/2007 | Reclassify to T |
| Vireo, least Bell's (<i>Vireo bellii pusillus</i>) | 5/2/1986 | 5/6/1998 | D | 34 | E | 9C | 9/26/2006 | Reclassify to T* |
| Warbler (wood), Bachman's (<i>Vermivora bachmanii</i>) | 3/11/1967 | Exempt | Exempt | Exempt | E | 5 | 5/6/2015 | No change to listed status |
| Warbler (wood), golden-cheeked (<i>Dendroica chrysoparia</i>) | 5/4/1990 | 9/30/1992 | F | 9 | E | 2C | 8/26/2014 | No change to listed status |
| Warbler, elfin-woods (<i>Setophaga aequalae</i>) | 7/22/2016 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Warbler (wood), Kirtland's (<i>Dendroica kirtlandii</i>) | 3/11/1967 | 9/30/1985 | RF(1) | 22 | E | 8 | 8/21/2012 | Reclassify to T |
| Warbler, nightingale reed (old world warbler) (<i>Acrocephalus luscinioides</i>) | 6/2/1970 | 4/10/1998 | F | 8 | E | 8C | 7/23/2015 | No change to listed status |
| White-eye, bridled (<i>Zosterops conspicillatus</i>) | 8/27/1984 | 9/28/1990 | F | 8 | E | 3 | 6/30/2015 | No change to listed status |
| White-eye, Rota bridled (<i>Zosterops rotensis</i>) | 1/22/2004 | 10/19/2007 | F | 16 | E | 2 | 8/12/2014 | No change to listed status |
| Woodpecker, ivory-billed (<i>Campephilus principalis</i>) | 3/11/1967 | 4/16/2010 | F | N/A | E | 5 | N/A | Not yet initiated |
| Woodpecker, red-cockaded (<i>Picoides borealis</i>) | 10/13/1970 | 1/27/2003 | RF(2) | 246 | E | 8C | 10/5/2006 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 3. Species, recovery plan, and recovery status information for listed reptiles.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Anole, Culebra Island giant (<i>Anolis roosevelti</i>) | 8/22/1977 | 1/28/1983 | F | 2 | E | 17 | 1/14/2014 | No change to listed status |
| Boa, Mona (<i>Epicrates monensis monensis</i>) | 3/6/1978 | 4/19/1984 | F | 9 | T | 3 | 11/6/2014 | No change to listed status |
| Boa, Puerto Rican (<i>Epicrates inornatus</i>) | 10/13/1970 | 3/27/1986 | F | 10 | E | 11C | 9/16/2011 | No change to listed status* |
| Boa, Virgin Islands tree (<i>Epicrates monensis grantii</i>) | 10/13/1970 | 3/27/1986 | F | 12 | E | 9C | 8/14/2009 | Reclassify to T* |
| Crocodile, American [FL DPS] (<i>Crocodylus acutus</i>) | 10/28/1975 | 5/18/1999 | F | 6 | T | 2C | 3/20/2007 | Reclassify to T |
| Gartersnake, narrow-headed (<i>Thamnophis rufipunctatus</i>) | 7/8/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Gartersnake, northern Mexican (<i>Thamnophis eques megalops</i>) | 7/8/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Gecko, Monito (<i>Sphaerodactylus microplithecus</i>) | 10/15/1982 | 3/27/1986 | F | 4 | E | 5 | 8/8/2016 | Delist due to recovery |
| Iguana, Mona ground (<i>Cyclura stejnegeri</i>) | 3/6/1978 | 4/19/1984 | F | 13 | T | 3 | 3/4/2015 | No change to listed status |
| Lizard, blunt-nosed leopard (<i>Gambelia silus</i>) | 3/11/1967 | 9/30/1998 | F | 36 | E | 2C | 2/16/2010 | No change to listed status |
| Lizard, Coachella Valley fringe-toed (<i>Uma inornata</i>) | 9/25/1980 | 9/11/1985 | F | 32 | T | 5C | 8/6/2010 | No change to listed status |
| Lizard, St. Croix ground (<i>Ameiva polops</i>) | 7/5/1977 | 3/29/1984 | F | 9 | E | 8C | 8/21/2013 | No change to listed status |
| Rattlesnake, New Mexican ridge-nosed (<i>Crotalus willardi obscurus</i>) | 8/21/1978 | 3/22/1985 | F | 12 | T | 3 | N/A | * |
| Sea turtle, green [Central North Pacific DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | T | 9 | N/A | Species listed <5 years |
| Sea turtle, green [Central South Pacific DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | E | 6C | N/A | Species listed <5 years |
| Sea turtle, green [Central West Pacific DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | E | 6C | N/A | Species listed <5 years |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Sea turtle, green [North Atlantic DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Sea turtle, green [South Atlantic DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Sea turtle, green [Southwest Pacific DPS] (<i>Chelonia mydas</i>) | 5/6/2016 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Sea turtle, hawksbill (<i>Eretmochelys imbricata</i>) | 6/2/1970 | 01-12-1998, 12-15-1993 | RF(1) | 82 | E | 1C | 6/3/2013 | No change to listed status |
| Sea turtle, Kemp's ridley (<i>Lepidochelys kempii</i>) | 12/2/1970 | 9/22/2011 | RF(2) | 57 | E | 2C | 7/31/2015 | No change to listed status |
| Sea turtle, leatherback (<i>Dermochelys coriacea</i>) | 6/2/1970 | 01-12-1998, 04-06-1992 | RF(1) | 88 | E | 1 | 11/15/2013 | No change to listed status |
| Sea turtle, loggerhead [North Pacific Ocean DPS] (<i>Caretta caretta</i>) | 7/23/1978 | 1/12/1998 | RF(1) | | E | 9C | 8/27/2007 | No change to listed status |
| Sea turtle, loggerhead [Northwest Atlantic Ocean DPS] (<i>Caretta caretta</i>) | 7/23/1978 | 12/31/2008 | RF(2) | 32 | T | 9C | 8/27/2007 | No change to listed status |
| Sea turtle, olive ridley (<i>Lepidochelys olivacea</i>) | 7/28/1978 | 1/12/1998 | RF(1) | 20 | T | 8C | 6/1/2014 | No change to listed status |
| Skink, bluetail mole (<i>Eumeces egregius lividus</i>) | 11/6/1987 | 5/18/1999 | F | 18 | T | 3C | 8/2/2007 | No change to listed status |
| Skink, sand (<i>Neoseps reynoldsi</i>) | 11/6/1987 | 5/18/1999 | F | 18 | T | 1C | 8/2/2007 | No change to listed status |
| Skink, Slevin's [Guallik halumtanu, Gholuuf] (<i>Emolia slevini</i>) | 11/2/2015 | N/A | N/A | N/A | E | 8 | N/A | Species listed <5 years |
| Snake, Atlantic salt marsh (<i>Nerodia clarkii taeniata</i>) | 12/29/1977 | 12/15/1993 | F | 9 | T | 12 | 3/24/2008 | No change to listed status* |
| Snake, black pine (<i>Pituophis melanoleucus ladinai</i>) | 11/5/2015 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Snake, copperbelly water [Northern DPS] (<i>Nerodia erythrogaster neglecta</i>) | 1/29/1997 | 12/5/2008 | F | 19 | T | 3C | 5/24/2010 | Reclassify to E* |
| Snake, eastern indigo (<i>Drymarchon corais couperi</i>) | 3/3/1978 | 4/22/1982 | F | 16 | T | 11C | 4/29/2008 | No change to listed status |
| Snake, giant garter (<i>Thamnophis gigas</i>) | 10/20/1993 | 12/22/2015 | D | 15 | T | 2C | 6/20/2012 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Snake, San Francisco garter (<i>Thamnophis sirtalis tetrataenia</i>) | 3/11/1967 | 9/11/1985 | F | 49 | E | 3C | 10/2/2006 | No change to listed status* |
| Tortoise, desert [Mojave DPS] (<i>Gopherus agassizii</i>) | 8/20/1980 | 5/6/2011 | RF(1) | 32 | T | 11C | 9/30/2010 | No change to listed status |
| Tortoise, gopher [West of Mobile and Tombigbee Rivers DPS] (<i>Gopherus polyphemus</i>) | 7/7/1987 | 12/26/1990 | F | 16 | T | 9 | 7/27/2011 | No change to listed status |
| Turtle, Alabama red-belly (<i>Pseudemys alabamensis</i>) | 6/16/1987 | 1/8/1990 | F | 11 | E | 5 | 7/12/2015 | No change to listed status |
| Turtle, bog (=Muhlenberg) [Northern DPS] (<i>Clemmys muhlenbergii</i>) | 11/4/1997 | 5/15/2001 | F | 33 | T | 12C | N/A | * |
| Turtle, flattened musk [Black Warrior River DPS] (<i>Sternotherus depressus</i>) | 6/11/1987 | 2/26/1990 | F | 5 | T | 14 | 7/17/2014 | No change to listed status |
| Plymouth Red-Bellied Turtle (<i>Pseudemys rubriventris bangsi</i>) | 4/2/1980 | 5/6/1994 | RF(2) | 17 | E | 9 | 9/30/2007 | No change to listed status |
| Turtle, ringed map (<i>Graptemys oculifera</i>) | 12/23/1986 | 4/8/1988 | F | 11 | T | 14 | 8/17/2010 | No change to listed status |
| Turtle, yellow-blotched map (<i>Graptemys flavimaculata</i>) | 1/14/1991 | 3/15/1993 | F | 6 | T | 14 | N/A | * |
| Whipsnake, Alameda (=striped racer), (<i>Masticophis lateralis euryxanthus</i>) | 12/5/1997 | 4/7/2003 | D | 13 | T | 9C | 9/28/2011 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 4. Species, recovery plan, and recovery status information for listed amphibians.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Coqui, golden (<i>Eleutherodactylus jasperii</i>) | 11/11/1977 | 4/19/1984 | F | 3 | T | 5C | 9/30/2013 | No change to listed status |
| Coqui, Ulanero (<i>Eleutherodactylus iuanariveroi</i>) | 10/4/2012 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Frog, California red-legged (<i>Rana draytonii</i>) | 5/23/1996 | 5/28/2002 | F | 38 | T | 5C | N/A | * |
| Frog, Chiricahua leopard (<i>Rana chiricahuensis</i>) | 6/13/2002 | 3/14/2007 | F | 54 | T | 2C | 1/28/2011 | No change to listed status |
| Frog, dusky gopher (<i>Rana sevosa</i>) | 12/4/2001 | 9/9/2015 | F | 32 | E | 5 | 9/9/2015 | No change to listed status |
| Frog, mountain yellow-legged (Northern California DPS) (<i>Rana muscosa</i>) | 6/30/2014 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| Frog, mountain yellow-legged (Southern California DPS) (<i>Rana muscosa</i>) | 7/2/2002 | N/A | N/A | N/A | E | 3 | 7/13/2012 | No change to listed status |
| Frog, Oregon spotted (<i>Rana pretiosa</i>) | 9/29/2014 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| Frog, Sierra Nevada Yellow-legged (<i>Rana sierrae</i>) | 6/30/2014 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Guaion (<i>Eleutherodactylus cooki</i>) | 6/11/1997 | 9/24/2004 | F | 15 | T | 11 | 4/20/2011 | No change to listed status* |
| Hellbender, Ozark (<i>Cryptobranchius alleganiensis bishopi</i>) | 11/7/2011 | N/A | N/A | N/A | E | 3 | N/A | Species listed <5 years |
| Salamander, Austin blind (<i>Eurycea waterlooensis</i>) | 9/19/2013 | 1/12/2016 | F | 14 | E | 2C | N/A | Species listed <5 years |
| Salamander, Barton Springs (<i>Eurycea sosorum</i>) | 4/30/1997 | 8/29/2005 | F | 8 | E | 2C | 10/5/2006 | No change to listed status |
| Salamander, California tiger (Sonoma County DPS) (<i>Ambystoma californiense</i>) | 7/22/2002 | 5/31/2016 | F | 5 | E | 3C | N/A | * |
| Salamander, California tiger (Santa Barbara County DPS) (<i>Ambystoma californiense</i>) | 1/19/2000 | 4/24/2015 | D | N/A | E | 3C | 11/14/2009 | No change to listed status |
| Salamander, California tiger (Central California DPS) (<i>Ambystoma californiense</i>) | 8/4/2004 | 3/10/2016 | D | N/A | T | 9C | 10/21/2014 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Salamander, Cheat Mountain (Plethodon nettingi) | 8/18/1989 | 7/25/1991 | F | 22 | T | 8C | 8/12/2010 | No change to listed status |
| Salamander, desert slender (Batrachoseps aridus) | 6/4/1973 | 8/12/1982 | F | 18 | E | 6 | 1/31/2014 | No change to listed status |
| Salamander, frosted flatwoods (Ambystoma cingulatum) | 4/1/1999 | N/A | N/A | N/A | T | 5 | 2/10/2009 | Revision of listed entity* |
| Salamander, Georgetown (Eurycea naufragaia) | 3/26/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Salamander, Jemez Mountains (Plethodon neomexicanus) | 10/10/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Salamander, Jollyville Plateau (Eurycea tonkawae) | 9/19/2013 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Salamander, Red Hills (Phaeognathus hubrichti) | 1/3/1977 | 11/23/1983 | F | 9 | T | 7 | 5/6/2013 | No change to listed status |
| Salamander, Reticulated flatwoods (Ambystoma bishopi) | 2/10/2009 | N/A | N/A | N/A | E | 2 | 8/5/2015 | No change to listed status |
| Salamander, Salado (Eurycea chisholmensis) | 3/26/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Salamander, San Marcos (Eurycea nana) | 7/14/1980 | 2/14/1996 | RF(1) | 26 | T | 2C | N/A | * |
| Salamander, Santa Cruz long-toed (Ambystoma macrodactylum croceum) | 3/11/1967 | 7/2/1999 | RD(2) | 32 | E | 6C | 5/30/2009 | No change to listed status* |
| Salamander, Shenandoah (Plethodon shenandoah) | 8/18/1989 | 9/29/1994 | F | 9 | E | 8 | N/A | * |
| Salamander, Sonora tiger (Ambystoma tigrinum stebbinsi) | 1/6/1997 | 9/24/2002 | F | 23 | E | 3 | 10/4/2007 | No change to listed status |
| Salamander, Texas blind (Typhlomolae rathbuni) | 3/11/1967 | 2/14/1996 | RF(1) | 26 | E | 5 | N/A | * |
| Toad, arroyo (=arroyo southwestern) (Anaxyrus californicus) | 12/16/1994 | 7/24/1999 | F | 40 | E | 8 | 12/23/2015 | No change to listed status |
| Toad, Houston (Bufo houstonensis) | 10/13/1970 | 9/17/1984 | F | 13 | E | 2C | 11/28/2011 | No change to listed status |
| Toad, Puerto Rican crested (Peltophryne lemur) | 8/4/1987 | 8/7/1992 | F | 16 | T | 8C | 6/21/2016 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Toad, Wyoming (<i>Bufo hemiophrys baxteri</i>) | 1/17/1984 | 7/16/2015 | RF(1) | 69 | E | 2 | 9/13/2012 | No change to listed status |
| Toad, Yosemite (<i>Anaxyrus canorus</i>) | 6/30/2014 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

² 5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 5. Species, recovery plan, and recovery status information for listed fishes.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Catfish, Yaqui (<i>Ictalurus pricei</i>) | 8/31/1984 | 3/29/1995 | F | 25 | T | 8C | N/A | * |
| Cavefish, Alabama (<i>Speoplatyrhinus paulsoni</i>) | 10/11/1977 | 10/25/1990 | RF(2) | 7 | E | 1 | N/A | * |
| Cavefish, Ozark (<i>Amblyopsis rosae</i>) | 11/1/1984 | 11/14/1989 | F | 9 | T | 5C | 9/19/2011 | No change to listed status |
| Chub, bonetail (<i>Gila elegans</i>) | 4/23/1980 | 8/1/2002 | RF(1) | 41 | E | 5C | 8/30/2012 | No change to listed status |
| Chub, Borax Lake (<i>Gila boraxobius</i>) | 5/28/1980 | 2/4/1987 | F | 19 | E | 2 | 8/23/2012 | Reclassify to T |
| Chub, Chihuahua (<i>Gila nigrescens</i>) | 10/11/1983 | 4/14/1986 | F | 11 | T | 5 | 1/13/2010 | Reclassify to E |
| Chub, Gila (<i>Gila intermedia</i>) | 11/2/2005 | N/A | N/A | N/A | E | 2C | N/A | * |
| Chub, humpback (<i>Gila cypha</i>) | 3/11/1967 | 9/19/1990 | RF(2) | 31 | E | 8C | 8/12/2011 | No change to listed status |
| Chub, Hutton tui (<i>Gila bicolor ssp.</i>) | 3/28/1985 | 4/27/1998 | F | 11 | T | 15 | 8/7/2013 | No change to listed status |
| Chub, Owens tui (<i>Gila bicolor ssp. snyderi</i>) | 8/5/1985 | 9/30/1998 | F | 25 | E | 6 | 5/28/2009 | No change to listed status* |
| Chub, Pahrnagat roundtail (<i>Gila robusta jordani</i>) | 10/13/1970 | 5/26/1998 | F | 3 | E | 3C | N/A | * |
| Chub, slender (<i>Erimystax cahnii</i>) | 10/11/1977 | 7/29/1983 | F | 8 | T | 5 | 3/14/2014 | No change to listed status |
| Chub, Sonora (<i>Gila ditaenia</i>) | 4/30/1986 | 9/30/1992 | F | 2 | T | 2C | 8/16/2013 | No change to listed status |
| Chub, spotfin (<i>Erimonax manachus</i>) | 10/11/1977 | 11/21/1983 | F | 16 | T | 11 | N/A | * |
| Chub, Virgin River (<i>Gila seminuda (=robusta)</i>) | 8/24/1989 | 4/19/1995 | RF(2) | 39 | E | 2C | 5/1/2008 | No change to listed status* |
| Chub, Yaqui (<i>Gila purpurea</i>) | 8/31/1984 | 3/29/1995 | F | 25 | E | 5 | N/A | * |
| Cui-ui (<i>Chasmistes cujus</i>) | 3/11/1967 | 5/15/1992 | RF(2) | 27 | E | 14 | N/A | * |
| Dace, Ash Meadows speckled (<i>Rhinichthys osculus nevadensis</i>) | 5/10/1982 | 9/28/1990 | F | 13 | E | 9 | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Dace, blackside (<i>Phoxinus cumberlandensis</i>) | 6/12/1987 | 8/17/1988 | F | 8 | T | 11 | 9/16/2015 | No change to listed status |
| Dace, Clover Valley speckled (<i>Rhinichthys osculus oligoporus</i>) | 10/10/1989 | 5/12/1998 | F | 7 | E | 9C | 6/7/2012 | No change to listed status |
| Dace, desert (<i>Eremichthys acros</i>) | 3/11/1967 | 5/27/1997 | F | 4 | T | 7C | 3/30/2012 | No change to listed status |
| Dace, Fosskett speckled (<i>Rhinichthys osculus ssp.</i>) | 3/28/1985 | 4/27/1998 | F | 12 | T | 15 | 10/26/2015 | Delist due to recovery |
| Dace, Independence Valley speckled (<i>Rhinichthys osculus lethoporus</i>) | 10/10/1989 | 5/12/1998 | F | 8 | E | 9C | 7/19/2013 | No change to listed status |
| Dace, Kendall Warm Springs (<i>Rhinichthys osculus thermalis</i>) | 10/13/1970 | 10/14/2015 | RF(1) | 16 | E | 12C | 10/10/2007 | No change to listed status |
| Dace, Laurel (<i>Chrosomus saylari</i>) | 9/8/2011 | 1/14/2015 | D | N/A | E | 5 | N/A | Species listed <5 years |
| Dace, Moapa (<i>Moapa coriacea</i>) | 3/11/1967 | 5/16/1996 | RF(1) | 5 | E | 1C | N/A | * |
| Darter, amber (<i>Percina anteseila</i>) | 8/5/1985 | 6/20/1986 | F | 10 | E | 5 | 10/21/2014 | No change to listed status |
| Darter, bayou (<i>Etheostoma rubrum</i>) | 10/28/1975 | 7/10/1990 | RF(1) | 18 | T | 8C | 5/9/2012 | No change to listed status |
| Darter, bluemask (=jewel) (<i>Etheostoma sp.</i>) | 12/27/1993 | 7/25/1997 | F | 9 | E | 5 | 12/27/2013 | No change to listed status |
| Darter, boulder (<i>Etheostoma wapiti</i>) | 9/1/1988 | 7/27/1989 | F | 8 | E | 5 | 9/18/2009 | No change to listed status* |
| Darter, Cherokee (<i>Etheostoma scotti</i>) | 12/20/1994 | 11/17/2000 | F | 28 | T | 2C | 10/21/2014 | No change to listed status |
| Darter, Cumberland (<i>Etheostoma susanae</i>) | 9/8/2011 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Darter, diamond (<i>Crystallaria cincotta</i>) | 8/26/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Darter, duskytail (<i>Etheostoma percnurum</i>) | 4/27/1993 | 3/30/1994 | F | 11 | E | 2 | 7/27/2012 | Revision of listed entity |
| Darter, Etowah (<i>Etheostoma etowahae</i>) | 12/20/1994 | 11/17/2000 | F | 28 | E | 2 | 10/21/2014 | No change to listed status |
| Darter, fountain (<i>Etheostoma fonticala</i>) | 10/13/1970 | 2/14/1996 | RF(1) | 26 | E | 2C | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Darter, goldline (<i>Percina aurilineata</i>) | 4/22/1992 | 11/17/2000 | F | 27 | T | 8 | 5/12/2015 | No change to listed status |
| Darter, leopard (<i>Percina pantherina</i>) | 2/27/1978 | 5/3/1993 | RD(1) | 23 | T | 2C | 8/31/2012 | No change to listed status |
| Darter, Maryland (<i>Etheostoma sellare</i>) | 3/11/1967 | 10/17/1985 | RF(1) | 17 | E | 5 | 10/5/2007 | No change to listed status |
| Darter, Niangua (<i>Etheostoma nianquae</i>) | 6/12/1985 | 7/17/1989 | F | 9 | T | 8 | N/A | * |
| Darter, Okaloosa (<i>Etheostoma okaloosae</i>) | 6/4/1973 | 10/26/1998 | RF(1) | 22 | T | 8 | 7/2/2007 | Reclassify to T |
| Darter, relict (<i>Etheostoma chienense</i>) | 12/27/1993 | 7/31/1994 | D | 4 | E | 5 | 8/9/2013 | No change to listed status |
| Darter, rush (<i>Etheostoma phytophilum</i>) | 9/8/2011 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Darter, slackwater (<i>Etheostoma boschungii</i>) | 10/11/1977 | 3/8/1984 | F | 11 | T | 8 | 6/24/2008 | No change to listed status |
| Darter, snail (<i>Percina tanasi</i>) | 11/10/1975 | 5/5/1983 | F | 14 | T | 11 | 3/18/2013 | No change to listed status |
| Darter, vermilion (<i>Etheostoma chermockii</i>) | 11/28/2001 | 6/20/2007 | F | 5 | E | 2 | 8/30/2011 | No change to listed status |
| Darter, watercress (<i>Etheostoma nuchale</i>) | 10/13/1970 | 3/29/1993 | RF(2) | 12 | E | 2 | 8/28/2009 | No change to listed status |
| Darter, yellowcheek (<i>Etheostoma moorei</i>) | 9/8/2011 | N/A | N/A | N/A | E | 2C | N/A | Species listed <5 years |
| Gambusia, Big Bend (<i>Gambusia gairdri</i>) | 3/11/1967 | 9/19/1984 | F | 9 | E | 5 | 2/9/2012 | No change to listed status |
| Gambusia, Clear Creek (<i>Gambusia heterochir</i>) | 3/11/1967 | 1/14/1982 | F | 3 | E | 2 | 5/7/2010 | No change to listed status |
| Gambusia, Pecos (<i>Gambusia nobilis</i>) | 10/13/1970 | 5/9/1983 | F | 2 | E | 2 | N/A | * |
| Gambusia, San Marcos (<i>Gambusia georgae</i>) | 7/14/1980 | 2/14/1996 | RF(1) | 27 | E | 5C | N/A | * |
| Goby, tidewater (<i>Eucyclogobius newberryi</i>) | 2/4/1994 | 12/7/2005 | F | 15 | E | 7C | 9/28/2007 | Reclassify to T* |
| Logperch, Conasauga (<i>Percina lenikinsi</i>) | 8/5/1985 | 6/20/1986 | F | 9 | E | 5 | 12/16/2011 | No change to listed status |
| Logperch, Roanoke (<i>Percina rex</i>) | 8/18/1989 | 3/20/1992 | F | 13 | E | 11C | 9/19/2007 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Madtom_chucky (Noturus crypticus) | 9/8/2011 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Madtom_Neosho (Noturus placidus) | 5/22/1990 | 9/30/1991 | F | 19 | T | 8C | 3/25/2013 | No change to listed status |
| Madtom_pygmy (Noturus stanauli) | 4/27/1993 | 9/27/1994 | F | 6 | E | 5 | 10/5/2009 | No change to listed status |
| Madtom_Scioto (Noturus trautmanii) | 10/28/1975 | Exempt | Exempt | Exempt | E | 5 | 11/13/2014 | Delist due to extinction |
| Madtom_smoky (Noturus bailey) | 10/26/1984 | 8/9/1985 | F | 9 | E | 8 | 1/27/2012 | No change to listed status |
| Madtom_yellowfin (Noturus flavipinnis) | 10/11/1977 | 6/23/1983 | F | 16 | T | 8 | 2/28/2012 | No change to listed status |
| Minnow_Devils River (Dionda diaboli) | 10/20/1999 | 8/22/2005 | F | 9 | T | 2 | 9/11/2008 | No change to listed status |
| Minnow_loach (Tiaroga cobitis) | 10/28/1986 | 9/30/1991 | F | 27 | E | 4C | 8/31/2012 | No change to listed status |
| Minnow_Rio Grande silvery (Hyboanathus amarus) | 7/20/1994 | 1/15/2010 | RF(1) | 43 | E | 2C | N/A | * |
| Pikeminnow (=squawfish), Colorado (Ptychocheilus lucius) | 3/11/1967 | 8/1/2002 | RF(2) | 30 | E | 8C | 8/29/2011 | No change to listed status |
| Poolfish_Pahrump (Empetrichthys latos) | 3/11/1967 | 3/17/1980 | F | 32 | E | 11 | N/A | * |
| Pupfish_Ash Meadows Amargosa (Cyprinodon nevadensis mionectes) | 5/10/1982 | 9/28/1990 | F | 13 | E | 15 | 3/17/2010 | No change to listed status |
| Pupfish_Comanche Springs (Cyprinodon elegans) | 3/11/1967 | 9/2/1981 | F | 12 | E | 11 | 8/23/2013 | No change to listed status |
| Pupfish_desert (Cyprinodon macularius) | 3/31/1986 | 12/8/1993 | F | 11 | E | 2C | 9/30/2010 | No change to listed status |
| Pupfish_Devils Hole (Cyprinodon diabolis) | 3/11/1967 | 9/28/1990 | F | 17 | E | 5 | N/A | * |
| Pupfish_Leon Springs (Cyprinodon bovinus) | 8/15/1980 | 8/14/1985 | F | 7 | E | 5 | 8/28/2013 | No change to listed status |
| Pupfish_Owens (Cyprinodon radiosus) | 3/11/1967 | 9/30/1998 | F | 20 | E | 5 | 2/4/2009 | No change to listed status* |
| Pupfish_Warm Springs (Cyprinodon nevadensis pectoralis) | 10/13/1970 | 9/28/1990 | F | 14 | E | 9 | N/A | * |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Salmon, Atlantic [Gulf of Maine DPS] (<i>Salmo salar</i>) | 6/19/2009 | 3/31/2016 | RD(1) | 3 | E | 6 | N/A | Not yet initiated |
| Sculpin, Grotto (<i>Cottus specus</i>) | 10/25/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Sculpin, pygmy (<i>Cottus paulus</i> (= <i>pygmaeus</i>)) | 9/28/1989 | 8/6/1991 | F | 6 | T | 8 | 7/28/2008 | No change to listed status |
| Shiner, Arkansas River (<i>Notropis girardi</i>) | 11/23/1998 | 9/12/2008 | D | 12 | T | 5C | N/A | * |
| Shiner, beautiful (<i>Cyprinella formosa</i>) | 8/31/1984 | 3/29/1995 | F | 25 | T | 2 | N/A | * |
| Shiner, blue (<i>Cyprinella caerulea</i>) | 4/22/1992 | 8/30/1995 | F | 10 | T | 8 | 10/14/2014 | No change to listed status |
| Shiner, Cahaba (<i>Notropis cahabae</i>) | 10/25/1990 | 4/23/1992 | F | 4 | E | 8 | 6/29/2016 | No change to listed status |
| Shiner, Cape Fear (<i>Notropis mekistocholas</i>) | 9/25/1987 | 10/7/1988 | F | 10 | E | 5 | N/A | * |
| Shiner, palezone (<i>Notropis albizonatus</i>) | 4/27/1993 | 7/7/1997 | F | 4 | E | 5 | 5/30/2014 | No change to listed status |
| Shiner, Pecos bluntnose (<i>Notropis simus pecosensis</i>) | 2/20/1987 | 9/30/1992 | F | 15 | T | 3 | 5/25/2010 | No change to listed status |
| Shiner, sharpnose (<i>Notropis oxyrinchus</i>) | 8/4/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Shiner, smalleye (<i>Notropis buccula</i>) | 8/4/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Shiner, Topeka (<i>Notropis topeka</i> (= <i>tristis</i>)) | 12/15/1998 | N/A | N/A | N/A | E | 8C | 1/22/2010 | Reclassify to T |
| Silverside, Waccamaw (<i>Menidia extensa</i>) | 4/8/1987 | 8/11/1993 | F | 11 | T | 8 | 2/8/2011 | No change to listed status |
| Smelt, delta (<i>Hypomesus transpacificus</i>) | 3/5/1993 | 11/26/1996 | F | 23 | T | 2C | 9/13/2010 | Reclassify to E |
| Spikedace (<i>Meda fulgida</i>) | 7/1/1986 | 9/30/1991 | F | 30 | E | 4C | 8/31/2012 | No change to listed status |
| Spinedace, Big Spring (<i>Lepidomedea mollispinis pratensis</i>) | 3/28/1985 | 1/20/1994 | F | 6 | T | 3 | N/A | * |
| Spinedace, Little Colorado (<i>Lepidomedea vittata</i>) | 3/11/1967 | 1/9/1998 | F | 31 | T | 5C | 10/6/2008 | Reclassify to E* |
| Spinedace, White River (<i>Lepidomedea albivallis</i>) | 9/12/1985 | 3/28/1994 | F | 14 | E | 2C | 1/29/2010 | No change to listed status |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Springfish, Hiko White River (<i>Crenichthys baileyi grandis</i>) | 9/27/1985 | 5/26/1998 | F | 2 | E | 3C | 12/18/2012 | No change to listed status |
| Springfish, Railroad Valley (<i>Crenichthys nevadae</i>) | 3/31/1986 | 3/15/1997 | F | 7 | T | 2C | 8/21/2009 | No change to listed status* |
| Springfish, White River (<i>Crenichthys baileyi baileyi</i>) | 9/27/1985 | 5/26/1998 | F | 2 | E | 3C | 12/18/2012 | No change to listed status |
| Stickleback, unarmored threespine (<i>Gasterosteus aculeatus williamsoni</i>) | 10/13/1970 | 12/26/1985 | RF(1) | 13 | E | 6C | 6/15/2009 | No change to listed status* |
| Sturgeon (Gulf subspecies), Atlantic (<i>Acipenser oxyrinchus (=oxyrinchus) desotoi</i>) | 9/30/1991 | 9/22/1995 | F | 37 | T | 12 | 9/30/2009 | No change to listed status |
| Sturgeon, Alabama (<i>Scaphirhynchus suttkusi</i>) | 5/5/2000 | 7/8/2013 | F | N/A | E | 5C | 11/9/2010 | No change to listed status |
| Sturgeon, pallid (<i>Scaphirhynchus albus</i>) | 9/6/1990 | 1/24/2014 | RF(1) | 56 | E | 2C | 12/4/2014 | No change to listed status |
| Sturgeon, white [Kootenai River DPS] (<i>Acipenser transmontanus</i>) | 9/6/1994 | 9/30/1999 | F | 51 | E | 3C | 8/9/2011 | No change to listed status |
| Sucker, June (<i>Chasmistes liorus</i>) | 3/31/1986 | 6/25/1999 | F | 51 | E | 5C | N/A | * |
| Sucker, Lost River (<i>Deitistes luxatus</i>) | 7/18/1988 | 1/12/2013 | RF(1) | 16 | E | 4C | 8/22/2013 | No change to listed status |
| Sucker, Modoc (<i>Catostomus microps</i>) | 10/23/1991 | 8/1/2002 | RF(1) | 48 | E | 7C | 8/30/2012 | No change to listed status |
| Sucker, Santa Ana [Three CA river basins DPS] (<i>Catostomus santaanae</i>) | 4/12/2000 | 11/24/2014 | D | N/A | T | 5C | 3/10/2011 | No change to listed status |
| Sucker, shortnose (<i>Chasmistes brevirostris</i>) | 7/18/1988 | 1/12/2013 | RF(1) | 13 | E | 5C | 8/22/2013 | No change to listed status |
| Sucker, Warner (<i>Catostomus warnerensis</i>) | 9/27/1985 | 4/27/1998 | F | 14 | T | 2C | 9/30/2010 | No change to listed status* |
| Sucker, Zuni bluehead (<i>Catostomus discobolus yarrowii</i>) | 8/25/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Sunfish, spring pygmy (<i>Elassoma alabamae</i>) | 12/2/2013 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| Topminnow, Gila (incl. Yaqui) (<i>Poeciliopsis occidentalis</i>) | 3/11/1967 | 3/5/1999 | RD(1) | 20 | E | 3C | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Trout, Apache (<i>Oncorhynchus apache</i>)</u> | 3/11/1967 | 6/30/2009 | RF(2) | 10 | T | 14C | 4/28/2010 | No change to listed status |
| <u>Trout, bull [lower 48 states DPS] (<i>Salvelinus confluentus</i>)</u> | 6/10/1998 | 9/28/2015 | F | 18 | T | 9C | 11/13/2015 | No change to listed status |
| <u>Trout, Gila (<i>Oncorhynchus gilae</i>)</u> | 3/11/1967 | 9/10/2003 | RF(3) | 14 | T | 8 | N/A | * |
| <u>trout, Greenback Cutthroat (<i>Oncorhynchus clarki stromias</i>)</u> | 3/11/1967 | 3/1/1998 | RF(2) | 35 | T | 15 | 5/27/2009 | No change to listed status |
| <u>Trout, Lahontan cutthroat (<i>Oncorhynchus clarki henshawi</i>)</u> | 10/13/1970 | 1/30/1995 | F | 92 | T | 9 | 3/30/2009 | No change to listed status* |
| <u>Trout, Little Kern golden (<i>Oncorhynchus aguabonita whitei</i>)</u> | 5/15/1978 | Exempt | Exempt | Exempt | T | 9 | 9/8/2011 | No change to listed status |
| <u>Trout, Paiute cutthroat (<i>Oncorhynchus clarkii seleniris</i>)</u> | 3/11/1967 | 9/10/2004 | RF(1) | 28 | T | 9 | 6/6/2013 | No change to listed status |
| <u>Tui chub, Mohave (<i>Gila bicolor</i> ssp. <i>mohavensis</i>)</u> | 10/13/1970 | 9/12/1984 | F | 31 | E | 6 | 2/4/2009 | No change to listed status* |
| <u>Woundfin (<i>Plagopterus argentissimus</i>)</u> | 10/13/1970 | 4/19/1995 | RF(2) | 39 | E | 1C | 5/1/2008 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 6. Species, recovery plan, and recovery status information for listed dams.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Acornshell, southern (<i>Epioblasma athacaloagensis</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | Delist due to extinction* |
| Bankclimber, purple (<i>Elliptoides sloatianus</i>) | 3/16/1998 | 9/19/2003 | F | 26 | T | 11 | 9/17/2007 | No change to listed status |
| Bean, Choctaw (<i>Villosa choctawensis</i>) | 10/10/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Bean, Cumberland (pearlymussel) (<i>Villosa trabalis</i>) | 6/14/1976 | 8/22/1984 | F | 15 | E | 5C | 6/21/2010 | No change to listed status |
| Bean, purple (<i>Villosa perpurpurea</i>) | 1/10/1997 | 5/24/2004 | F | 24 | E | 5 | 10/24/2006 | No change to listed status* |
| Bean, raved (<i>Villosa fabalis</i>) | 3/15/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Blossom, green (<i>Epioblasma torulosa gubernaculum</i>) | 6/14/1976 | 7/9/1984 | F | 4 | E | 6 | 9/21/2007 | Delist due to extinction* |
| Blossom, tubercled (<i>Epioblasma torulosa torulosa</i>) | 6/14/1976 | 1/25/1985 | F | 2 | E | 6 | 8/12/2011 | No change to listed status* |
| Blossom, turgid (<i>Epioblasma turaidula</i>) | 6/14/1976 | 1/25/1985 | F | 2 | E | 5 | 9/21/2007 | Delist due to extinction* |
| Blossom, yellow (pearlymussel) (<i>Epioblasma florentina florentina</i>) | 6/14/1976 | 1/25/1985 | F | 2 | E | 6 | 9/21/2007 | Delist due to extinction* |
| Catspaw, white (pearlymussel) (<i>Epioblasma obliquata perobliqua</i>) | 6/14/1976 | 1/25/1990 | F | 4 | E | 6C | 2/28/2013 | No change to listed status |
| Clubshell (<i>Pleurobema clava</i>) | 1/22/1993 | 9/21/1994 | F | 11 | E | 5 | 9/1/2009 | No change to listed status |
| Clubshell, black (<i>Pleurobema curtum</i>) | 4/7/1987 | 11/14/1989 | F | 7 | E | 5C | 8/21/2015 | No change to listed status |
| Clubshell, ovate (<i>Pleurobema perovatum</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | No change to listed status* |
| Clubshell, southern (<i>Pleurobema decisum</i>) | 3/17/1993 | 11/17/2000 | F | 26 | E | 8 | 4/7/2008 | No change to listed status* |
| Combshell, Cumberlandian (<i>Epioblasma brevidens</i>) | 1/10/1997 | 5/24/2004 | F | 24 | E | 5 | 9/19/2007 | No change to listed status |
| Combshell, southern (<i>Epioblasma penita</i>) | 4/7/1987 | 11/14/1989 | F | 7 | E | 2 | 8/21/2015 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Combsshell, upland (<i>Epioblasma metastrata</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | Delist due to extinction* |
| Ebonyshell, round (<i>Fusconaia rotulata</i>) | 10/10/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Elktoe, Appalachian (<i>Alasmidonta raveneliana</i>) | 11/23/1994 | 8/26/1996 | F | 11 | E | 5C | 3/3/2009 | No change to listed status* |
| Elktoe, Cumberland (<i>Alasmidonta atropurpurea</i>) | 1/10/1997 | 5/24/2004 | F | 24 | E | 5 | 7/16/2015 | No change to listed status |
| Fanshell (<i>Cyprogenia stegaria</i>) | 6/21/1990 | 7/9/1991 | F | 11 | E | 5 | N/A | * |
| Fatmucket, Arkansas (<i>Lampsilis powellii</i>) | 4/5/1990 | 2/10/1992 | F | 11 | T | 8 | 12/12/2013 | Reclassify to E |
| Heelsplitter, inflated (<i>Potamilus inflatus</i>) | 9/28/1990 | 4/13/1993 | F | 7 | T | 8C | N/A | * |
| Heelsplitter, Carolina (<i>Lasimigona decorata</i>) | 6/30/1993 | 1/17/1997 | F | 12 | E | 5C | 6/20/2012 | No change to listed status |
| Higgins eye (pearlymussel) (<i>Lampsilis hiaginsii</i>) | 6/14/1976 | 5/12/2004 | RF(1) | 20 | E | 5C | 5/9/2006 | No change to listed status* |
| Kidneyshell, fluted (<i>Ptychobranchus subtentum</i>) | 10/28/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Kidneyshell, southern (<i>Ptychobranchus ionesi</i>) | 10/10/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Kidneyshell, triangular (<i>Ptychobranchus greenii</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 8 | 4/7/2008 | No change to listed status* |
| Lampmussel, Alabama (<i>Lampsilis virescens</i>) | 6/14/1976 | 7/2/1985 | F | 15 | E | 8 | 8/28/2012 | No change to listed status |
| Lilliput, pale (<i>Toxolasma cvindrellus</i>) | 6/14/1976 | 8/22/1984 | F | 13 | E | 8 | 8/31/2011 | No change to listed status |
| Mapleleaf, winged (mussel) (<i>Quadrula fragosa</i>) | 6/20/1991 | 6/25/1997 | F | 34 | E | 2C | N/A | * |
| Moccasinshell, Alabama (<i>Medionidus acutissimus</i>) | 3/17/1993 | 11/17/2000 | F | 27 | T | 8 | 4/7/2008 | No change to listed status* |
| Moccasinshell, Coosa (<i>Medionidus parvulus</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | No change to listed status* |
| Moccasinshell, Gulf (<i>Medionidus penicillatus</i>) | 3/16/1998 | 9/19/2003 | F | 25 | E | 5 | 9/17/2007 | No change to listed status |
| Moccasinshell, Ochlockonee (<i>Medionidus simpsonianus</i>) | 3/16/1998 | 9/19/2003 | F | 26 | E | 5 | 9/17/2007 | No change to listed status |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Monkeyface, Appalachian (pearlymussel) (<i>Quadrula sparsa</i>) | 6/14/1976 | 7/9/1984 | F | 21 | E | 5 | N/A | * |
| Monkeyface, Cumberland (pearlymussel) (<i>Quadrula intermedia</i>) | 6/14/1976 | 7/9/1984 | F | 16 | E | 5C | 7/28/2011 | No change to listed status |
| Mucket, Neosho (<i>Lampsilis rafinesqueana</i>) | 10/17/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Mucket, orangenacre (<i>Lampsilis perovalis</i>) | 3/17/1993 | 11/17/2000 | F | 27 | T | 8 | 4/7/2008 | No change to listed status* |
| Mucket, pink (pearlymussel) (<i>Lampsilis abrupta</i>) | 6/14/1976 | 1/24/1985 | F | 5 | E | 5 | N/A | * |
| Mussel, oyster (<i>Epioblasma capsaeformis</i>) | 1/10/1997 | 5/24/2004 | F | 24 | E | 5 | 7/12/2011 | No change to listed status* |
| Mussel, scaleshell (<i>Leptodea leptodona</i>) | 10/9/2001 | 2/16/2010 | F | 21 | E | 2 | 12/10/2010 | No change to listed status* |
| Sheepnose (<i>Plethobasus cyphus</i>) | 4/12/2012 | N/A | N/A | N/A | E | UNK | N/A | * |
| Snuffbox (<i>Epioblasma triquetra</i>) | 3/15/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Pearlshell, Alabama (<i>Margaritifera marrantanae</i>) | 10/10/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years* |
| Pearlshell, Louisiana (<i>Margaritifera hembeli</i>) | 2/5/1988 | 12/3/1990 | F | 4 | T | 8 | 2/22/2011 | No change to listed status |
| Pearlymussel, birdwing (<i>Lemiox rimosus</i>) | 6/14/1976 | 7/9/1984 | F | 17 | E | 4C | 8/19/2011 | No change to listed status |
| Pearlymussel, cracking (<i>Hemistena lata</i>) | 9/28/1989 | 7/11/1991 | F | 10 | E | 4 | 8/19/2011 | No change to listed status |
| Pearlymussel, Curtis (<i>Epioblasma florentina curtisi</i>) | 6/14/1976 | 2/4/1986 | F | 8 | E | 6 | 3/2/2010 | No change to listed status |
| Pearlymussel, dromedary (<i>Dromus dromas</i>) | 6/14/1976 | 7/9/1984 | F | 16 | E | 4C | 8/19/2011 | No change to listed status |
| Pearlymussel, littletwing (<i>Pegias fabula</i>) | 11/14/1988 | 9/22/1989 | F | 5 | E | 4 | 11/1/2013 | No change to listed status |
| Pearlymussel, slabside (<i>Pleuroaia dolabelloides</i>) | 10/28/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Pigtoe, Cumberland (<i>Pleurobema gibberum</i>) | 5/7/1991 | 8/13/1992 | F | 6 | E | 5 | 8/24/2015 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Pigtoe, dark (<i>Pleurobema furvum</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | No change to listed status* |
| Pigtoe, finerayed (<i>Fusconia cuneolus</i>) | 6/14/1976 | 9/19/1984 | F | 13 | E | 5 | 10/23/2013 | No change to listed status |
| Pigtoe, flat (<i>Pleurobema marshali</i>) | 4/7/1987 | 11/14/1989 | F | 7 | E | 5 | 9/8/2015 | Delist due to extinction |
| Pigtoe, fuzzy (<i>Pleurobema strodeanum</i>) | 10/10/2012 | N/A | N/A | N/A | T | 11 | N/A | Species listed <5 years |
| Pigtoe, Georgia (<i>Pleurobema hanleyianum</i>) | 12/2/2010 | 10/30/2014 | F | N/A | E | 5 | N/A | * |
| Pigtoe, heav (<i>Pleurobema taitianum</i>) | 4/7/1987 | 11/14/1989 | F | 7 | E | 5C | 8/21/2015 | No change to listed status |
| Pigtoe, narrow (<i>Fusconia escambia</i>) | 10/10/2012 | N/A | N/A | N/A | T | 11 | N/A | Species listed <5 years |
| Pigtoe, oval (<i>Pleurobema pyriforme</i>) | 3/16/1998 | 9/19/2003 | F | 26 | E | 5 | 9/17/2007 | No change to listed status |
| Pigtoe, rough (<i>Pleurobema plenum</i>) | 6/14/1976 | 8/6/1984 | F | 9 | E | 5 | 9/1/2014 | No change to listed status |
| Pigtoe, shiny (<i>Fusconia cor</i>) | 6/14/1976 | 7/9/1984 | F | 11 | E | 5 | 10/23/2013 | No change to listed status |
| Pigtoe, southern (<i>Pleurobema georgianum</i>) | 3/17/1993 | 11/17/2000 | F | 27 | E | 5 | 4/7/2008 | No change to listed status* |
| Pigtoe, tapered (<i>Fusconia burkei</i>) | 10/10/2012 | N/A | N/A | N/A | T | 11 | N/A | Species listed <5 years |
| Pimpleback, orangefoot (<i>Plethobasus cooperianus</i>) | 6/14/1976 | 9/30/1984 | F | 10 | E | 5 | N/A | * |
| Pocketbook, fat (<i>Potamilus capax</i>) | 6/14/1976 | 11/14/1989 | F | 10 | E | 8 | 3/30/2012 | No change to listed status |
| Pocketbook, finelined (<i>Lampsilis altilis</i>) | 3/17/1993 | 11/17/2000 | F | 27 | T | 8 | 4/7/2008 | No change to listed status* |
| Pocketbook, Ouachita rock (<i>Arkansia wheeleri</i>) | 10/23/1991 | 3/30/2004 | F | 5 | E | 4C | N/A | * |
| Pocketbook, shinyrayed (<i>Lampsilis subangulata</i>) | 3/16/1998 | 9/19/2003 | F | 26 | E | 5 | 9/17/2007 | No change to listed status |
| Pocketbook, speckled (<i>Lampsilis streckeri</i>) | 2/28/1989 | 1/2/1992 | F | 10 | E | 8 | 3/17/2015 | No change to listed status |
| Purple Cat's paw (=Purple Cat's paw pearl mussel) (<i>Epioblasma obliquata obliquata</i>) | 7/10/1990 | 3/10/1992 | F | 3 | E | 6 | 6/29/2015 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Rabbitsfoot (<i>Quadrula cylindrica cylindrica</i>) | 10/17/2013 | N/A | N/A | N/A | T | 12 | N/A | Species listed <5 years |
| Rabbitsfoot, rough (<i>Quadrula cylindrica striatillata</i>) | 1/10/1997 | 5/24/2004 | F | 24 | E | 6 | N/A | * |
| Riffleshell, northern (<i>Epioblasma torulosa rangiana</i>) | 1/22/1993 | 9/21/1994 | F | 12 | E | 6 | 9/1/2009 | No change to listed status |
| Riffleshell, tan (<i>Epioblasma florentina walkeri</i> (=E. walkeri)) | 9/26/1977 | 10/22/1984 | F | 12 | E | 5 | 9/26/2013 | No change to listed status |
| Ring pink (mussel) (<i>Obovaria retusa</i>) | 9/29/1989 | 3/25/1991 | F | 7 | E | 5 | 8/18/2011 | No change to listed status |
| Sandshell, Southern (<i>Hamiota australis</i>) | 10/10/2012 | N/A | N/A | N/A | T | 11 | N/A | Species listed <5 years |
| Slabshell, Chipola (<i>Elliptio chipolaensis</i>) | 3/16/1998 | 9/19/2003 | F | 25 | T | 11 | 9/17/2007 | No change to listed status |
| Spectaclecase (<i>Cumberlandia monodonta</i>) | 4/12/2012 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Spinymussel, Altamaha (<i>Elliptio spinosus</i>) | 11/10/2011 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Spinymussel, James (<i>Pleuroberma collina</i>) | 7/22/1988 | 9/24/1990 | F | 13 | E | 8 | 8/29/2008 | No change to listed status |
| Spinymussel, Tar River (<i>Elliptio steinstansana</i>) | 6/27/1985 | 5/5/1992 | RF(1) | 13 | E | 5C | 9/10/2014 | No change to listed status |
| Stirrupshell (<i>Quadrula stapes</i>) | 4/7/1987 | 11/14/1989 | F | 7 | E | 5 | 9/8/2015 | Delist due to extinction |
| Threeridge, fat (mussel) (<i>Amblema neisleri</i>) | 3/16/1998 | 9/19/2003 | F | 25 | E | 5 | 9/17/2007 | No change to listed status |
| Wartyback, white (pearlymussel) (<i>Plethobasus cicatricosus</i>) | 6/14/1976 | 9/19/1984 | F | 7 | E | 5 | N/A | * |
| Wedgemussel, dwarf (<i>Alasmidonta heterodon</i>) | 3/14/1990 | 2/8/1993 | F | 9 | E | 5 | 4/17/2013 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 7. Species, recovery plan, and recovery status information for listed snails.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Ambersnail, Kanab (<i>Oxyloma haydeni kanabensis</i>)</u> | 8/8/1991 | 10/12/1995 | F | 11 | E | 6C | 8/25/2011 | No change to listed status |
| <u>Campeloma slender (<i>Campeloma decampi</i>)</u> | 2/25/2000 | N/A | N/A | N/A | E | 5 | 8/17/2012 | No change to listed status |
| <u>Cavesnail, Tumbling Creek (<i>Antrobia culveri</i>)</u> | 8/14/2002 | 9/15/2003 | F | 38 | E | 4 | 3/21/2014 | No change to listed status |
| <u>Elimia, lacy (<i>Elimia crenatella</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | T | 5 | 7/8/2016 | No change to listed status |
| <u>Globe, noondav (<i>Patena clarki nantahala</i>)</u> | 8/2/1978 | 9/7/1984 | F | 14 | T | 9 | 10/28/2013 | No change to listed status |
| <u>Hornsnail, rough (<i>Pleurocera foremani</i>)</u> | 12/2/2010 | 10/30/2014 | F | N/A | E | 11C | N/A | * |
| <u>Limpet, Banbury Springs (<i>Lanx</i> sp.)</u> | 12/14/1992 | 11/26/1995 | F | 26 | E | 5C | 9/15/2006 | No change to listed status* |
| <u>Lioplax, cylindrical (<i>Lioplax cyclostomatiformis</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | E | 8 | 7/8/2016 | No change to listed status |
| <u>Marstonia, roval (snail) (<i>Pyralopsis oamorthaphe</i>)</u> | 4/15/1994 | 8/11/1995 | F | 11 | E | 5 | 12/1/2011 | No change to listed status |
| <u>Pebblesnail, flat (<i>Lepyrium showalteri</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | E | 5 | 7/8/2016 | No change to listed status |
| <u>Riversnail, Anthony's (<i>Athearnia anthonyi</i>)</u> | 4/15/1994 | 8/13/1997 | F | 7 | E | 5 | 3/11/2011 | No change to listed status |
| <u>Rocks nail, interrupted (<i>Leptoxis foremani</i>)</u> | 12/2/2010 | 10/30/2014 | F | N/A | E | 2 | N/A | * |
| <u>Rocks nail, painted (<i>Leptoxis taeniata</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | T | 8 | 7/8/2016 | No change to listed status |
| <u>Rocks nail, plicate (<i>Leptoxis plicata</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | E | 5C | 7/8/2016 | No change to listed status |
| <u>Rocks nail, round (<i>Leptoxis ampla</i>)</u> | 10/28/1998 | 12/2/2005 | F | 23 | T | 8 | 7/8/2016 | No change to listed status |
| <u>Snail, armored (<i>Pyralopsis</i> (= <i>Marstonia</i>) <i>pachytal</i>)</u> | 2/25/2000 | 7/1/1994 | D | N/A | E | 5 | 9/22/2010 | No change to listed status |
| <u>Snail, Bliss Rapids (<i>Taylorconcha serpenticola</i>)</u> | 12/14/1992 | 11/26/1995 | F | 30 | T | 8C | 7/13/2009 | No change to listed status* |
| <u>Snail, Chittanooga ovate amber (<i>Succinea chittennagoensis</i>)</u> | 8/2/1978 | 7/11/2006 | RF(1) | 23 | T | 5 | 11/8/2012 | Reclassify to E |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Snail, flat-spined three-toothed (<i>Triodopsis platyspyroides</i>) | 8/2/1978 | 5/9/1983 | F | 12 | T | 8C | 11/6/2007 | No change to listed status* |
| Snail, fragile tree (Akaleha dogas, Denden) (<i>Samoaana fragilis</i>) | 11/2/2015 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Snail, Guam tree (Akaleha, Denden) (<i>Partula radiolata</i>) | 11/2/2015 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Snail, humped tree (Akaleha, Denden) (<i>Partula gibba</i>) | 11/2/2015 | N/A | N/A | N/A | E | 8 | N/A | Species listed <5 years |
| Snail, Iowa Pleistocene (<i>Discus macclintocki</i>) | 8/2/1978 | 3/22/1984 | F | 11 | E | 8 | 8/21/2013 | No change to listed status |
| Snail, Lanai tree (<i>Partulina semicarinata</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Snail, Lanai tree (<i>Partulina variabilis</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Snail, Langford's tree (Akaleha, Denden) (<i>Partula langfordi</i>) | 11/2/2015 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Snail, Morro shoulderband (=Banded dune) (<i>Helminthoglypta walkeriana</i>) | 12/15/1994 | 9/28/1998 | F | 11 | E | 2C | 9/11/2006 | Reclassify to T* |
| Snail, Newcomb's (<i>Eriina newcombi</i>) | 1/26/2000 | 9/18/2006 | F | N/A | T | 7 | 7/29/2009 | No change to listed status* |
| Snail, painted snake coiled forest (<i>Anguispira picta</i>) | 8/2/1978 | 10/14/1982 | F | 6 | T | 8 | 7/29/2016 | No change to listed status |
| Snail, Pecos assiminea (<i>Assiminea pecos</i>) | 8/9/2005 | N/A | N/A | N/A | E | 5 | 12/28/2010 | No change to listed status |
| Snail, Snake River physa (<i>Physa natricina</i>) | 12/14/1992 | 11/26/1995 | F | 21 | E | 8C | 5/23/2014 | Reclassify to T |
| Snail, Stock Island tree (<i>Orthalicus reses</i> (not incl. <i>nesodryas</i>)) | 8/2/1978 | 5/18/1999 | F | 28 | T | 3 | 9/11/2009 | No change to listed status |
| Snail, tulotoma (<i>Tulotoma magnifica</i>) | 1/9/1991 | 11/17/2000 | F | 27 | T | 8 | 2/29/2008 | Reclassify to T* |
| Snail, Virginia fringed mountain (<i>Polynyriscus virginianus</i>) | 8/2/1978 | 5/9/1983 | F | 6 | E | 4 | 1/29/2008 | No change to listed status* |
| Snails, Oahu tree (<i>Achatinella</i> spp.) | 2/12/1981 | 6/30/1992 | F | 20 | E | 2 | 9/20/2011 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Springsnail, Alamosa (<i>Tryonia alamosae</i>)</u> | 9/30/1991 | 8/31/1994 | F | 6 | E | 14 | N/A | * |
| <u>Springsnail, Bruneau Hot (<i>Pyrgulopsis bruneauensis</i>)</u> | 1/25/1993 | 9/30/2002 | F | 13 | E | 2C | 6/24/2007 | No change to listed status* |
| <u>Springsnail, Chupadera (<i>Pyrgulopsis chupaderae</i>)</u> | 8/13/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Springsnail, Koster's (<i>Juturnia kosteri</i>)</u> | 8/9/2005 | N/A | N/A | N/A | E | 5 | 12/28/2010 | No change to listed status |
| <u>Springsnail, Phantom (<i>Pyrgulopsis texana</i>)</u> | 8/8/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Springsnail, Roswell (<i>Pyrgulopsis roswellensis</i>)</u> | 8/9/2005 | N/A | N/A | N/A | E | 5 | 12/28/2010 | No change to listed status |
| <u>Springsnail, San Bernardino (<i>Pyrgulopsis bernardina</i>)</u> | 5/17/2012 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| <u>Springsnail, Socorro (<i>Pyrgulopsis neomexicana</i>)</u> | 9/30/1991 | 8/31/1994 | F | 6 | E | 5 | 10/10/2008 | No change to listed status |
| <u>Springsnail, Three Forks (<i>Pyrgulopsis trivialis</i>)</u> | 5/17/2012 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| <u>Tree snail, Newcomb's (<i>Newcombia cuminali</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Tryonia, Diamond (<i>Pseudotryonia adamantina</i>)</u> | 7/9/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Tryonia, Gonzales (<i>Tryonia circumstriata</i>)</u> <u>(=stocktonensis)</u> | 7/9/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Tryonia, Phantom (<i>Tryonia cheatumi</i>)</u> | 7/9/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 8. Species, recovery plan, and recovery status information for listed insects.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Beetle, [no common name] (<i>Rhadine exilis</i>) | 12/26/2000 | 9/12/2011 | F | 9 | E | 2C | 8/29/2011 | No change to listed status |
| Beetle, [no common name] (<i>Rhadine infernalis</i>) | 12/26/2000 | 9/12/2011 | F | 9 | E | 2C | 8/29/2011 | No change to listed status |
| Beetle, American burying (<i>Nicrophorus americanus</i>) | 7/13/1989 | 9/27/1991 | F | 20 | E | 5C | 6/16/2008 | No change to listed status |
| Beetle, Casey's June (<i>Dinacoma caseyi</i>) | 10/24/2011 | N/A | N/A | N/A | E | 11C | N/A | Species listed <5 years |
| Beetle, Coffin Cave mold (<i>Batrissodes texanus</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 12/4/2009 | No change to listed status |
| Beetle, Comal Springs dryopid (<i>Stygoparnus comalensis</i>) | 12/18/1997 | N/A | N/A | N/A | E | 1C | N/A | * |
| Beetle, Comal Springs riffle (<i>Heterelmis comalensis</i>) | 12/18/1997 | N/A | N/A | N/A | E | 2C | N/A | * |
| Beetle, delta green ground (<i>Elaphrus viridis</i>) | 8/8/1980 | 12/15/2005 | F | 9 | T | 8 | 2/4/2009 | No change to listed status* |
| Beetle, Helotes mold (<i>Batrissodes venvivi</i>) | 12/26/2000 | 9/12/2011 | F | 7 | E | 2C | 8/29/2011 | No change to listed status |
| Beetle, Hungerford's crawling water (<i>Brychius hungerfordi</i>) | 3/7/1994 | 9/27/2006 | F | 10 | E | 5 | 7/5/2012 | No change to listed status |
| Beetle, Kretschmarr Cave mold (<i>Texamaurops reddelli</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 12/4/2009 | No change to listed status |
| Beetle, Mount Hermon June (<i>Polyphylla barbata</i>) | 1/24/1997 | 9/28/1998 | F | 20 | E | 8C | 8/17/2009 | No change to listed status |
| Beetle, Tooth Cave ground (<i>Rhadine persephone</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 8C | 9/18/2008 | No change to listed status |
| Beetle, valley elderberry longhorn (<i>Desmocerus californicus dimorphus</i>) | 8/8/1980 | 6/28/1984 | F | 21 | T | 2 | 9/17/2014 | No change to listed status |
| Butterfly, Bartram's hairstreak (<i>Strymon acis bartrami</i>) | 9/11/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Butterfly, bay checkerspot (<i>Euphydryas editha bayensis</i>) | 9/18/1987 | 9/30/1998 | F | 15 | T | 3C | 8/17/2009 | Reclassify to E* |
| Butterfly, Behren's silverspot (<i>Speyeria zerene behrensii</i>) | 12/15/1997 | 3/10/2016 | F | 22 | E | 3C | 7/23/2012 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Butterfly, callippe silverspot (<i>Speyeria callippe callippe</i>) | 12/5/1997 | N/A | N/A | N/A | E | 9C | 8/17/2009 | No change to listed status* |
| Butterfly, El Segundo blue (<i>Euphilotes battoides allyni</i>) | 6/8/1976 | 9/28/1998 | F | 12 | E | 9 | 3/31/2008 | No change to listed status* |
| Butterfly, Fender's blue (<i>Icaricia icarioides fenderi</i>) | 1/25/2000 | 5/20/2010 | F | 23 | E | 3C | N/A | * |
| Butterfly, Florida leafwing (<i>Anaea troglodyta floridae</i>) | 9/11/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Butterfly, Karner blue (<i>Lycæides melissa samuelis</i>) | 12/14/1992 | 8/25/2003 | F | 72 | E | 9C | 9/17/2012 | No change to listed status |
| Butterfly, Lange's metalmark (<i>Apodemia mormo langei</i>) | 6/8/1976 | 4/25/1984 | RF(1) | 20 | E | 3 | 7/10/2008 | No change to listed status* |
| Butterfly, lotis blue (<i>Lycæides argyrognomon lotis</i>) | 6/8/1976 | 12/26/1985 | F | 10 | E | 6C | 12/16/2011 | No change to listed status |
| Butterfly, Mariana eight-spot (Ababbang, Libweibwoogh) (<i>Hypolimnas octocaula marianensis</i>) | 11/2/2015 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| Butterfly, Mariana wandering (Ababbang, Libweibwoogh) (<i>Vagrans egestina</i>) | 11/2/2015 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Butterfly, Miami Blue (<i>Cyclarqus (=Hemiarqus) thomasi bethunebakeri</i>) | 4/6/2012 | N/A | N/A | N/A | E | 6C | N/A | Species listed <5 years |
| Butterfly, mission blue (<i>Icaricia icarioides missionensis</i>) | 6/8/1976 | 10/10/1984 | F | 20 | E | 9 | 2/16/2010 | No change to listed status |
| Butterfly, Mitchell's satyr (<i>Neonympha mitchelli mitchelli</i>) | 6/25/1991 | 4/2/1998 | F | 31 | E | 3 | 8/29/2014 | No change to listed status |
| Butterfly, Mount Charleston blue (<i>Icaricia (Plebeius) shasta charlestonensis</i>) | 10/21/2013 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| Butterfly, Myrtle's silverspot (<i>Speyeria zerene myrtleae</i>) | 6/22/1992 | 9/29/1998 | F | 10 | E | 9 | 2/4/2009 | No change to listed status* |
| Butterfly, Oregon silverspot (<i>Speyeria zerene hippolyta</i>) | 7/2/1980 | 8/22/2001 | RF(1) | 30 | T | 3C | 1/3/2012 | Reclassify to E |
| Butterfly, Palos Verdes blue (<i>Glaucopsyche lyadarnus palosverdesensis</i>) | 7/2/1980 | 1/19/1984 | F | 25 | E | 6 | 1/9/2014 | No change to listed status |
| Butterfly, Quino checkerspot (<i>Euphydryas editha quino (=E. e. wrighti)</i>) | 1/16/1997 | 9/17/2003 | F | 27 | E | 9C | 8/18/2009 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Butterfly, Saint Francis' satyr (<i>Neonympha mitchellii francisci</i>) | 4/18/1994 | 4/23/1996 | F | 7 | E | 3 | 12/26/2013 | No change to listed status |
| Butterfly, San Bruno elfin (<i>Callophrys mossii bayensis</i>) | 6/8/1976 | 10/10/1984 | F | 19 | E | 9 | 2/16/2010 | No change to listed status |
| Butterfly, Schaus swallowtail (<i>Heraclides aristodemus ponceanus</i>) | 4/28/1976 | 5/18/1999 | F | 45 | E | 3C | 9/23/2008 | No change to listed status |
| Butterfly, Smith's blue (<i>Euphilotes enoptes smithi</i>) | 6/8/1976 | 11/9/1984 | F | 46 | E | 9C | 9/26/2006 | Reclassify to T* |
| Butterfly, Uncompahgre fritillary (<i>Boloria acrocnema</i>) | 6/24/1991 | 3/17/1994 | F | 17 | E | 14 | 1/5/2010 | Reclassify to T |
| Checkerspot, Taylor's (=whulke) (<i>Euphydryas editha taylori</i>) | 11/4/2013 | N/A | N/A | N/A | E | 3C | N/A | Species listed <5 years |
| Damselfly, blackline Hawaiian (<i>Megalagrion nigrohamatum nigrolineatum</i>) | 10/18/2012 | N/A | N/A | N/A | E | 3 | N/A | Species listed <5 years |
| Damselfly, crimson Hawaiian (<i>Megalagrion leptodemas</i>) | 10/18/2012 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Damselfly, flying earwig Hawaiian (<i>Megalagrion nesiotis</i>) | 7/26/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Damselfly, oceanic Hawaiian (<i>Megalagrion oceanicum</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Damselfly, Pacific Hawaiian (<i>Megalagrion pacificum</i>) | 7/26/2010 | N/A | N/A | N/A | E | 5 | N/A | Not yet initiated |
| Damselfly, Rota blue (<i>Dulalas Luta</i>, <i>Dulalas Luuta</i>) (<i>Ischnura luta</i>) | 11/2/2015 | N/A | N/A | N/A | E | 5C | N/A | Species listed <5 years |
| Dragonfly, Hine's emerald (<i>Somatochlora hineana</i>) | 1/26/1995 | 9/27/2001 | F | 65 | E | 5C | 5/9/2013 | No change to listed status |
| Fly, Delhi Sands flower-loving (<i>Rhaphiomidas terminatus abdominalis</i>) | 9/23/1993 | 9/14/1997 | F | 11 | E | 6C | 3/31/2008 | No change to listed status* |
| Fly, Hawaiian picture-wing (<i>Drosophila diadema</i>) | 11/29/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Fly, Hawaiian picture-wing (<i>Drosophila sharpi</i>) | 5/13/2010 | N/A | N/A | N/A | E | 11 | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Grasshopper, Zavante band-winged (<i>Trimerotropis infantilis</i>) | 1/24/1997 | 9/28/1998 | F | 19 | E | 5 | 8/17/2009 | No change to listed status |
| Moth, Blackburn's sphinx (<i>Manduca blackburni</i>) | 2/1/2000 | 9/28/2005 | F | 19 | E | 2C | 7/31/2009 | No change to listed status |
| Moth, Kern primrose sphinx (<i>Euproserpinus euterpe</i>) | 4/8/1980 | 2/8/1984 | F | 13 | T | 2 | 10/9/2007 | No change to listed status* |
| Naucorid, Ash Meadows (<i>Ambrysus amargosus</i>) | 5/20/1985 | 9/28/1990 | F | 11 | T | 8 | N/A | * |
| Picture-wing fly, Hawaiian (<i>Drosophila differens</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status* |
| Picture-wing fly, Hawaiian (<i>Drosophila neoclavisetae</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status* |
| Picture-wing fly, Hawaiian (<i>Drosophila agalaja</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila hemibeza</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila heteroneura</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila montgomeryi</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila mullii</i>) | 5/9/2006 | N/A | N/A | N/A | T | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila musophilus</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status* |
| Picture-wing fly, Hawaiian (<i>Drosophila obatai</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila ochrobasis</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila substeptoptera</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Picture-wing fly, Hawaiian (<i>Drosophila tarphyrichia</i>) | 5/9/2006 | N/A | N/A | N/A | E | 5 | 8/28/2012 | No change to listed status |
| Skipper, Carson wandering (<i>Pseudocopa eades eunus obscurus</i>) | 11/29/2001 | 6/14/2007 | F | 11 | E | 3C | 8/27/2012 | No change to listed status |
| Skipper, Dakota (<i>Hesperia dacotae</i>) | 11/24/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Skipper, Laguna Mountains (<i>Pyrgus ruralis lagunae</i>) | 1/16/1997 | 1/26/2016 | D | 34 | E | 3C | 9/24/2007 | No change to listed status* |
| Skipper, Pawnee montane (<i>Hesperia leonardus montana</i>) | 9/25/1987 | 9/21/1998 | F | 11 | T | 9C | 1/8/2012 | No change to listed status |
| Skipperling, Poweshiek (<i>Oarisma poweshiek</i>) | 11/24/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Tiger beetle, Northeastern beach (<i>Cicindela dorsalis dorsalis</i>) | 8/7/1990 | 9/29/1994 | F | 13 | T | 6 | 3/19/2009 | Reclassify to E |
| Tiger beetle, Ohlone (<i>Cicindela ohlone</i>) | 10/3/2001 | N/A | N/A | N/ | E | 2 | 11/13/2009 | No change to listed status |
| Tiger beetle, Puritan (<i>Cicindela puritana</i>) | 8/7/1990 | 9/29/1993 | F | 22 | T | 5 | 6/13/2007 | Reclassify to E* |
| Tiger beetle, Salt Creek (<i>Cicindela nevadica lincalniiana</i>) | 10/6/2005 | 5/29/2015 | D | N/A | E | 3C | 1/25/2016 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 9. Species, recovery plan, and recovery status information for listed arachnids.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Harvestman, Bee Creek Cave (<i>Texella reddelli</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 12/4/2009 | No change to listed status |
| Harvestman, Bone Cave (<i>Texella reyesi</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 12/4/2009 | No change to listed status* |
| Harvestman, Cokendalpher Cave (<i>Texella cokendalpheri</i>) | 12/26/2000 | 9/12/2011 | F | 5 | E | 5C | 8/29/2011 | No change to listed status |
| Meshweaver, Braken Bat Cave (<i>Cicurina venii</i>) | 12/26/2000 | 9/12/2011 | F | 8 | E | 2C | 8/29/2011 | No change to listed status |
| Meshweaver, Government Canyon Bat Cave (<i>Cicurina vespera</i>) | 12/26/2000 | 9/12/2011 | F | 7 | E | 2C | 8/29/2011 | No change to listed status |
| Meshweaver, Madia's Cave (<i>Cicurina madia</i>) | 12/26/2000 | 9/12/2011 | F | 10 | E | 2C | 8/29/2011 | No change to listed status |
| Meshweaver, Robber Baron Cave (<i>Cicurina baronia</i>) | 12/26/2000 | 9/12/2011 | F | 5 | E | 5C | 8/29/2011 | No change to listed status |
| Pseudoscorpion, Tooth Cave (<i>Tartarocreagis texana</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 12/4/2009 | No change to listed status |
| Spider, Government Canyon Bat Cave (<i>Neoleptoneta microps</i>) | 12/26/2000 | 9/12/2011 | F | 7 | E | 2C | 8/29/2011 | No change to listed status |
| Spider, Kauai cave wolf or pe'pe'e maka'ole (<i>Adelocosa anops</i>) | 1/14/2000 | 7/19/2006 | F | 11 | E | 1C | 9/29/2006 | No change to listed status* |
| Spider, spruce-fir moss (<i>Microhexura montivaga</i>) | 2/6/1995 | 9/11/1998 | F | 7 | E | 5 | 12/2/2014 | No change to listed status |
| Spider, Tooth Cave (<i>Neoleptoneta myopica</i>) | 9/16/1988 | 8/25/1994 | F | 18 | E | 2C | 8/29/2011 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 10. Species, recovery plan, and recovery status information for listed crustaceans.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Amphipod, diminutive (<i>Gammarus hyalleloides</i>) | 7/9/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Amphipod, Hay's Spring (<i>Stygobromus havi</i>) | 2/5/1982 | Exempt | Exempt | Exempt | E | 5 | 6/18/2013 | No change to listed status |
| Amphipod, Illinois cave (<i>Gammarus acherandyttes</i>) | 9/3/1998 | 9/20/2002 | F | 12 | E | 11C | 9/30/2011 | No change to listed status* |
| Amphipod, Kauai cave (<i>Speleorchestia koloana</i>) | 1/14/2000 | 7/19/2006 | F | 11 | E | 1C | 9/29/2006 | No change to listed status* |
| Amphipod, Noel's (<i>Gammarus desperatus</i>) | 8/9/2005 | N/A | N/A | N/A | E | 5 | 12/28/2010 | No change to listed status |
| Amphipod, Peck's cave (<i>Stygobromus</i> (=Stygonectes) <i>pecki</i>) | 12/18/1997 | N/A | N/A | N/A | E | 2C | N/A | * |
| Amphipod, Pecos (<i>Gammarus pecos</i>) | 7/9/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Crayfish, Big Sandy (<i>Cambarus callinuis</i>) | 5/9/2016 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| Crayfish, cave (<i>Cambarus aculabrum</i>) | 4/27/1993 | 10/30/1996 | F | 13 | E | 5 | 5/10/2013 | No change to listed status |
| Crayfish, cave (<i>Cambarus zophonastes</i>) | 4/7/1987 | 9/26/1988 | F | 10 | E | 5 | 8/13/2012 | No change to listed status |
| Crayfish, Guvandotte River (<i>Cambarus veteranus</i>) | 5/9/2016 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Crayfish, Nashville (<i>Orconectes shoupi</i>) | 9/26/1986 | 2/8/1989 | RF(1) | 10 | E | 11C | N/A | * |
| Crayfish, Shasta (<i>Pacifastacus fortis</i>) | 9/30/1988 | 8/28/1998 | F | 51 | E | 5 | 8/17/2009 | No change to listed status* |
| Fairly shrimp, Conservancy (<i>Branchinecta conservatio</i>) | 9/19/1994 | 12/15/2005 | F | 11 | E | 8 | 6/29/2012 | No change to listed status |
| Fairly shrimp, longhorn (<i>Branchinecta longiantenna</i>) | 9/19/1994 | 12/15/2005 | F | 11 | E | 8 | 6/20/2012 | No change to listed status |
| Fairly shrimp, Riverside (<i>Streptocephalus woottoni</i>) | 8/3/1993 | 9/3/1998 | F | 11 | E | 8C | 9/30/2008 | No change to listed status* |
| Fairly shrimp, San Diego (<i>Branchinecta sandiegensis</i>) | 2/3/1997 | 9/3/1998 | F | 12 | E | 8C | 9/30/2008 | No change to listed status* |
| Fairly shrimp, vernal pool (<i>Branchinecta lynchi</i>) | 9/19/1994 | 12/15/2005 | F | 22 | T | 2C | 9/28/2007 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Isopod, Lee County cave (<i>Lirceus usdaqalun</i>)</u> | 11/20/1992 | 9/30/1997 | F | 16 | E | 8 | 9/30/2008 | No change to listed status |
| <u>Isopod, Madison Cave (<i>Antrrolana lira</i>)</u> | 10/4/1982 | 9/30/1996 | F | 8 | T | 4 | N/A | * |
| <u>Isopod, Socorro (<i>Thermosphaeroma thermophilus</i>)</u> | 4/26/1978 | 2/16/1982 | F | 8 | E | 2 | 11/24/2009 | No change to listed status |
| <u>Shrimp, Alabama cave (<i>Palaemonias alabamae</i>)</u> | 9/7/1988 | 9/4/1997 | F | 7 | E | 5 | 1/11/2016 | No change to listed status |
| <u>Shrimp, anchialine pool (<i>Vetericaris chaceorum</i>)</u> | 11/29/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Shrimp, California freshwater (<i>Syncaris pacifica</i>)</u> | 10/31/1988 | 7/31/1998 | F | 9 | E | 7C | 9/8/2011 | No change to listed status |
| <u>Shrimp, Kentucky cave (<i>Palaemonias ganteri</i>)</u> | 10/12/1983 | 10/7/1988 | F | 5 | E | 5 | 8/29/2016 | No change to listed status |
| <u>Shrimp, Squirrel Chimney Cave (<i>Palaemonetes cummingi</i>)</u> | 6/21/1990 | Exempt | Exempt | Exempt | T | 5C | 6/28/2008 | No change to listed status* |
| <u>Tadpole shrimp, vernal pool (<i>Lepidurus packardii</i>)</u> | 9/19/1994 | 12/15/2005 | F | 18 | E | 2C | 9/28/2007 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 11. Species, recovery plan, and recovery status information for listed flowering plants

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>'Ahinahina (<i>Argyroxiphium sandwicense</i> ssp. macrocephalum)</u> | 5/15/1992 | 7/29/1997 | F | 23 | T | 9 | 8/2/2011 | No change to listed status* |
| <u>'Ahinahina (<i>Argyroxiphium sandwicense</i> ssp. sandwicense)</u> | 3/21/1986 | 9/30/1993 | F | 23 | E | 6 | 8/28/2012 | No change to listed status |
| <u>'Aiakaekua, popolo (<i>Solanum sandwicense</i>)</u> | 2/25/1994 | 9/20/1995 | F | 37 | E | 2 | 7/21/2009 | No change to listed status* |
| <u>'Aiea (<i>Nothoestrum breviflorum</i>)</u> | 3/4/1994 | 9/26/1996 | F | 32 | E | 5 | 8/28/2012 | No change to listed status |
| <u>'Aiea (<i>Nothoestrum peltatum</i>)</u> | 2/25/1994 | 9/20/1995 | F | 32 | E | 5 | 7/21/2009 | No change to listed status* |
| <u>'Akoko (<i>Euphorbia celastroides</i> var. <i>kaenana</i>)</u> | 10/29/1991 | 8/10/1998 | F | 20 | E | 9 | 8/28/2012 | No change to listed status |
| <u>'Akoko (<i>Euphorbia degeana</i>)</u> | 3/28/1994 | 8/10/1998 | F | 20 | E | 5 | 8/28/2012 | No change to listed status |
| <u>'Akoko (<i>Euphorbia eleanoriae</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>'Akoko (<i>Euphorbia haeleleana</i>)</u> | 10/10/1996 | 7/10/1999 | F | 21 | E | 5 | 8/27/2010 | No change to listed status* |
| <u>'Akoko (<i>Euphorbia herbstii</i>)</u> | 10/10/1996 | 8/10/1998 | F | 20 | E | 8 | 8/28/2012 | No change to listed status |
| <u>'Akoko (<i>Euphorbia kuwaleana</i>)</u> | 10/29/1991 | 8/10/1998 | F | 19 | E | 8 | 8/2/2011 | No change to listed status |
| <u>'Akoko (<i>Euphorbia remyi</i> var. <i>kauaiensis</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 3 | N/A | * |
| <u>'Akoko (<i>Euphorbia remyi</i> var. <i>remyi</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 6 | N/A | * |
| <u>'Akoko (<i>Euphorbia rockii</i>)</u> | 10/10/1996 | 8/10/1998 | F | 20 | E | 8 | 8/2/2011 | No change to listed status |
| <u>'Akoko, Ewa Plains (<i>Euphorbia skottsbergii</i> var. <i>skottsbergii</i>)</u> | 8/24/1982 | 10/5/1993 | D | 6 | E | 6 | 8/28/2012 | No change to listed status |
| <u>'Aku (<i>Cyanea tritomantha</i>)</u> | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>'Ala 'ala wai nui (<i>Peperomia subpetiolata</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |

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*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| `Anauau (<i>Lepidium arbuscula</i>) | 10/10/1996 | 8/10/1998 | F | 21 | E | 8 | 8/19/2013 | No change to listed status |
| `Anunu (<i>Sicyos albus</i>) | 10/10/1996 | 9/26/1996 | F | 27 | E | 2 | 8/28/2012 | No change to listed status |
| `Awikiwiki (<i>Canavalia molokaiensis</i>) | 10/8/1992 | 9/26/1996 | F | 16 | E | 2 | 8/2/2011 | No change to listed status* |
| `Awikiwiki (<i>Canavalia napaliensis</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| `Awikiwiki (<i>Canavalia pubescens</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| `Oha wai (<i>Clermontia drepanomorpha</i>) | 10/10/1996 | 9/26/1996 | F | 29 | E | 2 | 8/28/2012 | No change to listed status |
| `Oha wai (<i>Clermontia lindsevana</i>) | 3/4/1994 | 9/26/1996 | F | 34 | E | 2 | 8/3/2015 | No change to listed status |
| `Oha wai (<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>) | 10/8/1992 | 9/26/1996 | F | 20 | E | 6 | 8/29/2011 | No change to listed status* |
| `Oha wai (<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>) | 5/15/1992 | 7/29/1997 | F | 29 | E | 6 | 8/2/2011 | No change to listed status* |
| `Oha wai (<i>Clermontia peleana</i>) | 3/4/1994 | 9/26/1996 | F | 30 | E | 5 | 7/21/2015 | No change to listed status |
| `Oha wai (<i>Clermontia pyrularia</i>) | 3/4/1994 | 9/26/1996 | F | 32 | E | 2 | 8/28/2012 | No change to listed status |
| `Oha wai (<i>Clermontia samuelii</i>) | 9/3/1999 | 7/10/1999 | F | 22 | E | 5 | 8/2/2011 | No change to listed status* |
| `Ohe`ohe (<i>Polyscias gymnocarpa</i>) | 3/28/1994 | 8/10/1998 | F | 19 | E | 5 | 9/20/2011 | No change to listed status |
| A`e (<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>) | 10/10/1996 | 9/26/1996 | F | 28 | E | 6 | 8/6/2015 | No change to listed status |
| A`e (<i>Zanthoxylum hawaiiense</i>) | 3/4/1994 | 9/26/1996 | F | 34 | E | 2 | 8/6/2015 | No change to listed status |
| A`e (<i>Zanthoxylum oahuense</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| `Aku`aku (<i>Cyanea platyphylla</i>) | 10/10/1996 | 9/26/1996 | F | 29 | E | 2 | 8/28/2012 | No change to listed status |
| `Akoko (<i>Euphorbia halemanui</i>) | 5/13/1992 | 9/20/1995 | F | 37 | E | 5 | 8/27/2010 | No change to listed status* |
| Alani (<i>Melicope adscendens</i>) | 12/5/1994 | 7/29/1997 | F | 31 | E | 5 | 6/5/2014 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Alani (<i>Mellicope balloui</i>)</u> | 12/5/1994 | 7/29/1997 | F | 24 | E | 5 | 8/2/2011 | No change to listed status* |
| <u>Alani (<i>Mellicope christophersenii</i>)</u> | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Alani (<i>Mellicope degeneri</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Alani (<i>Mellicope hauapuensis</i>)</u> | 2/25/1994 | 9/20/1995 | F | 37 | E | 5 | 7/21/2009 | No change to listed status |
| <u>Alani (<i>Mellicope hiiakeae</i>)</u> | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Alani (<i>Mellicope knudsenii</i>)</u> | 2/25/1994 | 9/20/1995 | F | 31 | E | 5 | 3/31/2014 | No change to listed status* |
| <u>Alani (<i>Mellicope lydgatei</i>)</u> | 3/28/1994 | 8/10/1998 | F | 20 | E | 5 | 8/19/2013 | No change to listed status |
| <u>Alani (<i>Mellicope makahae</i>)</u> | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Alani (<i>Mellicope mucronulata</i>)</u> | 5/15/1992 | 7/29/1997 | F | 31 | E | 5 | 3/31/2014 | No change to listed status* |
| <u>Alani (<i>Mellicope munroi</i>)</u> | 9/3/1999 | 7/10/1999 | F | 20 | E | 5 | 8/28/2012 | No change to listed status* |
| <u>Alani (<i>Mellicope ovalis</i>)</u> | 12/5/1994 | 7/29/1997 | F | 25 | E | 5 | 8/29/2011 | No change to listed status* |
| <u>Alani (<i>Mellicope pallida</i>)</u> | 2/25/1994 | 9/20/1995 | F | 27 | E | 5 | 8/27/2010 | No change to listed status* |
| <u>Alani (<i>Mellicope paniculata</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Alani (<i>Mellicope puberula</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Alani (<i>Mellicope quadrangularis</i>)</u> | 2/25/1994 | 9/20/1995 | F | 37 | E | 5 | 8/27/2010 | No change to listed status* |
| <u>Alani (<i>Mellicope reflexa</i>)</u> | 10/8/1992 | 9/26/1996 | F | 18 | E | 8 | 8/2/2011 | No change to listed status |
| <u>Alani (<i>Mellicope saint-johnii</i>)</u> | 10/10/1996 | 8/10/1998 | F | 21 | E | 8 | 8/29/2011 | No change to listed status |
| <u>Alani (<i>Mellicope zahlbruckneri</i>)</u> | 10/10/1996 | 9/26/1996 | F | 27 | E | 2 | 8/3/2015 | No change to listed status |
| <u>Allocaena, Calistoga (<i>Plagiobothrys strictus</i>)</u> | 10/22/1997 | N/A | N/A | N/A | E | 5C | 2/16/2010 | No change to listed status |

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*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Alopecurus, Sonoma (<i>Alopecurus aequalis</i> var. <i>sonomensis</i>) | 10/22/1997 | N/A | N/A | N/A | E | 9 | 9/8/2011 | No change to listed status |
| Amaranth, seabeach (<i>Amaranthus pumilus</i>) | 4/7/1993 | 11/12/1996 | F | 11 | T | 8C | 6/4/2007 | No change to listed status* |
| Ambrosia, San Diego (<i>Ambrosia pumila</i>) | 7/2/2002 | N/A | N/A | N/A | E | 11C | 7/15/2010 | No change to listed status |
| Ambrosia, south Texas (<i>Ambrosia cheiranthifolia</i>) | 8/24/1994 | N/A | N/A | N/A | E | 8 | 12/30/2010 | No change to listed status |
| Amole, purple (<i>Chlorogalum purpureum</i>) | 3/20/2000 | N/A | N/A | N/A | T | 8 | 9/29/2008 | No change to listed status |
| Amphianthus, little (<i>Amphianthus pusillus</i>) | 2/5/1988 | 7/7/1993 | F | 9 | T | 13 | 9/30/2008 | No change to listed status* |
| Aplokating-palaoan (<i>Psychotria malaspinae</i>) | 11/2/2015 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Arrowhead, bunched (<i>Sagittaria fasciculata</i>) | 8/31/1979 | 9/8/1983 | F | 12 | E | 5C | 3/24/2014 | No change to listed status |
| Aster, decurrent false (<i>Boltonia decurrens</i>) | 11/14/1988 | 9/28/1990 | F | 26 | T | 8 | 7/30/2012 | No change to listed status |
| Aster, Florida golden (<i>Chrysopsis floridana</i>) | 5/16/1986 | 8/29/1988 | F | 13 | E | 8 | 5/14/2009 | Reclassify to T* |
| Aster, Ruth's golden (<i>Pityopsis ruthii</i>) | 7/18/1985 | 6/11/1992 | F | 14 | E | 5C | 4/23/2012 | No change to listed status |
| Aupaka (<i>Isodendron hosakae</i>) | 1/14/1991 | 5/23/1994 | F | 7 | E | 5 | 8/28/2012 | No change to listed status |
| Aupaka (<i>Isodendron laurifolium</i>) | 10/10/1996 | 7/10/1999 | F | 18 | E | 5 | 8/19/2013 | No change to listed status* |
| Aupaka (<i>Isodendron longifolium</i>) | 10/10/1996 | 7/10/1999 | F | 19 | T | 5 | 8/2/2011 | No change to listed status* |
| Avens, spreading (<i>Geum radiatum</i>) | 4/5/1990 | 4/28/1993 | F | 15 | E | 2 | 3/8/2013 | No change to listed status |
| Awiwi (<i>Centaurium seabaeoides</i>) | 10/29/1991 | 7/10/1999 | F | 19 | E | 2 | 8/19/2013 | No change to listed status |
| Awiwi (<i>Kadua cookiana</i>) | 2/25/1994 | 9/20/1995 | F | 36 | E | 5 | 8/27/2010 | No change to listed status |
| Avenia, Texas (<i>Avenia limitaris</i>) | 8/24/1994 | 8/5/2016 | F | 9 | E | 8C | 6/2/2010 | No change to listed status |
| Baccharis, Encinitas (<i>Baccharis vanessae</i>) | 10/7/1996 | N/A | N/A | N/A | T | 5C | 12/22/2011 | No change to listed status |

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Recovery Data as of September 30, 2016

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|---|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Barbara's Buttons, Mohr's (<i>Marshallia mohrii</i>) | 9/7/1988 | 11/26/1991 | F | 10 | T | 14 | 7/21/2016 | No change to listed status |
| Barberry, island (<i>Berberis pinnata</i> ssp. <i>insularis</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 6 | 5/9/2013 | No change to listed status |
| Barberry, Nevin's (<i>Berberis nevini</i>) | 10/13/1998 | N/A | N/A | N/A | E | 8 | 8/14/2009 | No change to listed status |
| Bariaco (<i>Trichilia triacantha</i>) | 2/5/1988 | 8/20/1991 | F | 11 | E | 11 | 8/21/2012 | No change to listed status* |
| Beaked-rush, Knieskern's (<i>Rhynchospora knieskernii</i>) | 7/18/1991 | 9/29/1993 | F | 15 | T | 14 | 8/31/2012 | No change to listed status |
| Bean, sea (<i>Mucuna sloanei persericea</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Beardtongue, Parachute (<i>Penstemon debilis</i>) | 8/26/2011 | N/A | N/A | N/A | T | 8C | N/A | Species listed <5 years |
| Beardtongue, Penland (<i>Penstemon penlandii</i>) | 7/13/1989 | 9/30/1992 | F | 10 | E | 14 | N/A | * |
| Beargrass, Britton's (<i>Nolina brittoniana</i>) | 4/27/1993 | 6/20/1996 | RF(1) | 23 | E | 8 | 5/10/2010 | No change to listed status |
| Bear-poppy, Dwarf (<i>Arctomecon humilis</i>) | 12/6/1979 | 12/31/1985 | F | 17 | E | 5C | N/A | * |
| Beauty, Harper's (<i>Harperocalis flava</i>) | 11/1/1979 | 9/14/1983 | F | 16 | E | 8C | 2/23/2016 | No change to listed status |
| Bedstraw, El Dorado (<i>Galium californicum</i> ssp. <i>sierrae</i>) | 10/18/1996 | 8/30/2002 | F | 18 | E | 6C | N/A | * |
| Bedstraw, island (<i>Galium buxifolium</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 5 | 10/20/2009 | No change to listed status |
| Bellflower, Brooksville (<i>Campanula robinsiae</i>) | 7/27/1989 | 6/20/1994 | F | 10 | E | 8 | 5/10/2010 | No change to listed status |
| Birch, Virginia round-leaf (<i>Betula uber</i>) | 5/27/1978 | 9/24/1990 | RF(2) | 8 | T | 14 | 10/4/2006 | No change to listed status* |
| Bird's beak, palmate-bracted (<i>Cordylanthus palmatus</i>) | 7/1/1986 | 9/30/1998 | F | 18 | E | 2C | 6/15/2009 | No change to listed status* |
| Bird's-beak, Pennell's (<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>) | 2/3/1995 | 9/30/1998 | F | 10 | E | 6 | 9/8/2011 | No change to listed status |
| Bird's-beak, salt marsh (<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>) | 10/29/1978 | 12-06-1985, 08-27-2013 | F | 42 | E | 9 | 8/13/2009 | No change to listed status* |

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Recovery Data as of September 30, 2016

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Bluegrass, Mann's (<i>Poa mannii</i>) | 11/10/1994 | 9/20/1995 | F | 32 | E | 5 | 8/27/2010 | No change to listed status* |
| Bluegrass, Napa (<i>Poa napensis</i>) | 10/22/1997 | N/A | N/A | N/A | E | 5C | 2/16/2010 | No change to listed status |
| Bluegrass, San Bernardino (<i>Poa atropurpurea</i>) | 10/14/1998 | N/A | N/A | N/A | E | 2 | 9/30/2008 | No change to listed status* |
| Blue-star, Kearney's (<i>Amsonia kearneyana</i>) | 1/19/1989 | 5/24/1993 | F | 6 | E | 2 | 8/15/2013 | No change to listed status |
| Bluet, Roan Mountain (<i>Hedyotis purpurea</i> var. <i>montana</i>) | 4/5/1990 | 5/13/1996 | F | 20 | E | 6 | N/A | * |
| Bonamia, Florida (<i>Bonamia grandiflora</i>) | 11/2/1987 | 6/20/1996 | RF(1) | 23 | T | 8 | 8/28/2008 | No change to listed status* |
| Boxwood, Vahl's (<i>Buxus vahlii</i>) | 8/13/1985 | 4/28/1987 | F | 12 | E | 11 | 4/19/2013 | No change to listed status |
| Brickell-bush, Florida (<i>Brickellia mosieri</i>) | 10/6/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Brodiaea, Chinese Camp (<i>Brodiaea pallida</i>) | 10/14/1998 | N/A | N/A | N/A | T | 2C | 6/20/2012 | No change to listed status |
| Brodiaea, thread-leaved (<i>Brodiaea filifolia</i>) | 10/13/1998 | N/A | N/A | N/A | T | 8C | 8/13/2009 | No change to listed status |
| Buckwheat, cushenbury (<i>Eriogonum ovalifolium</i> var. <i>vineum</i>) | 8/24/1994 | 9/30/1997 | D | 7 | E | 9C | 8/13/2009 | No change to listed status* |
| Buckwheat, lone (incl. Irish Hill) (<i>Eriogonum apricum</i> (incl. var. <i>prostratum</i>)) | 5/26/1999 | N/A | N/A | N/A | E | 2C | 8/4/2010 | No change to listed status |
| Buckwheat, scrub (<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>) | 4/27/1993 | 6/20/1996 | RF(1) | 22 | T | 15 | 7/23/2008 | No change to listed status(|
| Buckwheat, steamboat (<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>) | 7/8/1986 | 9/20/1995 | F | 9 | E | 3 | 4/1/2009 | No change to listed status* |
| Buckwheat, Umtanum Desert (<i>Eriogonum codium</i>) | 5/23/2013 | N/A | N/A | N/A | T | 5 | N/A | Species listed <5 years |
| Bulrush, Northeastern (<i>Scirpus ancistrochaetus</i>) | 5/7/1991 | 8/25/1993 | F | 11 | E | 14 | 9/24/2009 | Reclassify to T* |
| Bush-clover, prairie (<i>Lespedeza leptostachya</i>) | 1/9/1987 | 10/6/1988 | F | 10 | T | 8 | N/A | * |

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Recovery Data as of September 30, 2016

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Bush-mallow, San Clemente Island (<i>Malacothamnus clementinus</i>)</u> | 9/12/1977 | 1/26/1984 | F | 26 | E | 8C | 7/10/2012 | No change to listed status |
| <u>Bush-mallow, Santa Cruz Island (<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>)</u> | 7/31/1997 | 9/26/2000 | F | 17 | E | 3 | 11/20/2012 | No change to listed status |
| <u>Buttercup, autumn (<i>Ranunculus aestivalis</i> (= <i>acriformis</i>))</u> | 7/21/1989 | 9/16/1991 | F | 19 | E | 5 | 1/24/2013 | No change to listed status |
| <u>Butterfly plant, Colorado (<i>Gaura neomexicana</i> var. <i>coloradensis</i>)</u> | 10/18/2000 | N/A | N/A | N/A | T | 15C | 12/17/2012 | No change to listed status |
| <u>Butterweed, Lavne's (<i>Senecio layneae</i>)</u> | 10/18/1996 | 8/30/2002 | F | 21 | T | 5C | N/A | * |
| <u>Butterwort, Godfrey's (<i>Pinguicula ionantha</i>)</u> | 7/12/1993 | 6/22/1994 | F | 9 | T | 8C | 7/8/2009 | No change to listed status* |
| <u>Button-celery, San Diego (<i>Eryngium aristulatum</i> var. <i>parishii</i>)</u> | 8/3/1993 | 9/3/1998 | F | 11 | E | 9C | 9/1/2010 | No change to listed status |
| <u>Cactus, Acuna (<i>Echinomastus erectocentrus</i> var. <i>acunensis</i>)</u> | 10/31/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Cactus, Arizona hedgehog (<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i>)</u> | 11/26/1979 | 9/30/1984 | D | N/A | E | 3 | N/A | * |
| <u>Cactus, Bakersfield (<i>Opuntia treleasei</i>)</u> | 7/19/1990 | 9/30/1998 | F | 16 | E | 3C | 9/8/2011 | No change to listed status |
| <u>Cactus, black lace (<i>Echinocereus reichenbachii</i> var. <i>albertii</i>)</u> | 11/28/1979 | 3/18/1987 | F | 15 | E | 3 | 3/26/2009 | No change to listed status* |
| <u>Cactus, Brady pincushion (<i>Pediocactus bradyi</i>)</u> | 11/26/1979 | 3/28/1985 | F | 14 | E | 2 | 8/31/2012 | No change to listed status |
| <u>Cactus, Chisos Mountain hedgehog (<i>Echinocereus chisoensis</i> var. <i>chisoensis</i>)</u> | 9/30/1988 | 12/8/1993 | F | 31 | T | 9 | N/A | * |
| <u>Cactus, Cochise pincushion (<i>Coryphantha robbinsiorum</i>)</u> | 1/9/1986 | 9/27/1993 | F | 6 | T | 8 | 3/20/2007 | No change to listed status |
| <u>Cactus, Colorado hookless (<i>Sclerocactus glaucus</i>)</u> | 10/11/1979 | N/A | N/A | N/A | T | 8C | 3/28/2008 | Revision of listed entity |
| <u>Cactus, Fickeisen plains (<i>Pediocactus peeblesianus fickeiseniae</i>)</u> | 10/31/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Cactus, Florida semaphore (<i>Consolea corallicola</i>) | 11/25/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Cactus, Key tree (<i>Pilosocereus robinii</i>) | 7/19/1984 | 5/18/1999 | F | 35 | E | 5C | 8/27/2010 | No change to listed status |
| Cactus, Knowlton's (<i>Pediocactus knowltonii</i>) | 11/28/1979 | 3/29/1985 | F | 6 | E | 2 | 2/4/2010 | No change to listed status |
| Cactus, Kuenzler hedgehog (<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>) | 11/28/1979 | 3/28/1985 | F | 12 | E | 12C | 6/7/2005 | Reclassify to T |
| Cactus, Lee pincushion (<i>Coryphantha sneedii</i> var. <i>leei</i>) | 11/26/1979 | 3/21/1986 | F | 13 | T | 3 | 8/25/2015 | No change to listed status |
| Cactus, Lloyd's Mariposa (<i>Echinomastus mariposensis</i>) | 12/6/1979 | 4/13/1990 | F | 2 | T | 2 | N/A | * |
| Cactus, Mesa Verde (<i>Sclerocactus mesae-verdae</i>) | 11/29/1979 | 3/30/1984 | F | 9 | T | 11C | 11/10/2010 | No change to listed status |
| Cactus, Nellie cory (<i>Coryphantha minima</i>) | 12/8/1979 | 9/20/1984 | F | 1 | E | 2 | 2/10/2012 | No change to listed status |
| Cactus, Nichol's Turk's head (<i>Echinocactus horizontalianus</i> var. <i>nicholii</i>) | 11/28/1979 | 4/14/1986 | F | 8 | E | 3 | 7/27/2009 | No change to listed status |
| Cactus, Pariette (<i>Sclerocactus brevispinus</i>) | 9/15/2009 | N/A | N/A | N/A | T | 5C | 3/28/2008 | Revision of listed entity |
| Cactus, Peebles Navajo (<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i>) | 11/28/1979 | 3/30/1984 | F | 13 | E | 6 | 8/28/2008 | No change to listed status |
| Cactus, Pima pineapple (<i>Coryphantha scheeri</i> var. <i>robustispina</i>) | 9/23/1993 | N/A | N/A | N/A | E | 3 | 2/8/2007 | No change to listed status* |
| Cactus, San Rafael (<i>Pediocactus despainii</i>) | 9/16/1987 | 2/29/2016 | D | 11 | E | 11 | N/A | * |
| Cactus, Siler pincushion (<i>Pediocactus</i> [= <i>Echinocactus</i>, = <i>Utahia</i>] <i>sileri</i>) | 11/26/1979 | 4/14/1986 | F | 9 | T | 8 | 11/18/2008 | No change to listed status* |
| Cactus, Sneed pincushion (<i>Coryphantha sneedii</i> var. <i>sneedii</i>) | 12/7/1979 | 3/21/1986 | F | 13 | E | 9 | 8/25/2015 | No change to listed status |
| Cactus, star (<i>Astrophytum asterias</i>) | 10/18/1993 | 9/19/2003 | F | 19 | E | 2C | 4/9/2013 | No change to listed status |
| Cactus, Tobusch fishhook (<i>Sclerocactus brevilhamatus</i> ssp. <i>tobuschii</i>) | 12/8/1979 | 3/18/1987 | F | 21 | E | 9C | 1/5/2010 | Reclassify to T |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Cactus, Uinta Basin hookless (<i>Sclerocactus wetlandicus</i>) | 9/15/2009 | N/A | N/A | N/A | T | 8C | 3/28/2008 | Revision of listed entity |
| Cactus, Winkler (<i>Pediocactus winkleri</i>) | 8/20/1998 | 2/29/2016 | D | 11 | T | 11C | N/A | * |
| Cactus, Wright fishhook (<i>Sclerocactus wrightiae</i>) | 10/11/1979 | 12/24/1985 | F | 13 | E | 11 | 8/25/2008 | No change to listed status |
| Campion, fringed (<i>Silene polypetala</i>) | 1/18/1991 | 10/1/1996 | D | 9 | E | 8 | 3/15/2015 | No change to listed status |
| Cupa rosa (<i>Callicarpa ampala</i>) | 4/22/1992 | 7/31/1995 | F | 9 | E | 11 | 9/8/2015 | No change to listed status |
| Catchfly, Spalding's (<i>Silene spaldingii</i>) | 10/10/2001 | 10/12/2007 | F | 55 | T | 8C | 1/30/2009 | No change to listed status* |
| Cat's-eye, Terlingua Creek (<i>Cryptantha crassipes</i>) | 9/30/1991 | 4/5/1994 | F | 17 | E | 5C | N/A | * |
| Ceanothus, coyote (<i>Ceanothus ferrisiae</i>) | 2/3/1995 | 9/30/1998 | F | 13 | E | 14 | 9/8/2011 | No change to listed status |
| Ceanothus, Pine Hill (<i>Ceanothus roderickii</i>) | 10/18/1996 | 8/30/2002 | F | 18 | E | 5C | N/A | * |
| Ceanothus, Vail Lake (<i>Ceanothus ophiachilus</i>) | 10/13/1998 | N/A | N/A | N/A | T | 8C | 6/17/2013 | No change to listed status |
| Centaury, spring-loving (<i>Centaurium namophilum</i>) | 5/20/1985 | 9/28/1990 | F | 6 | T | 14 | 8/13/2009 | No change to listed status* |
| Chaff-flower, round-leaved (<i>Achyrantes splendens</i> var. <i>ratundata</i>) | 3/26/1986 | 10/5/1993 | D | 3 | E | 3 | 8/7/2013 | No change to listed status |
| Chaffseed, American (<i>Schwalbea americana</i>) | 9/29/1992 | 9/29/1995 | F | 13 | E | 7 | 8/13/2010 | No change to listed status |
| Checker-mallow, Keck's (<i>Sidalcea keckii</i>) | 2/16/2000 | N/A | N/A | N/A | E | 5C | 6/20/2012 | No change to listed status |
| Checker-mallow, Kenwood Marsh (<i>Sidalcea oregana</i> ssp. <i>valida</i>) | 10/22/1997 | N/A | N/A | N/A | E | 3C | 6/15/2009 | No change to listed status* |
| Checker-mallow, Nelson's (<i>Sidalcea nelsoniana</i>) | 2/12/1993 | 5/20/2010 | F | 31 | T | 2 | 7/11/2012 | No change to listed status |
| Checker-mallow, pedate (<i>Sidalcea pedata</i>) | 8/31/1984 | 7/31/1998 | F | 17 | E | 5C | 3/18/2011 | No change to listed status |
| Checkermallow, Wenatchee Mountains (<i>Sidalcea oregana</i> var. <i>calva</i>) | 12/22/1999 | 9/30/2004 | F | 22 | E | 3 | 9/30/2011 | No change to listed status |

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*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Chumbo_Higo (<i>Harrisia portoricensis</i>) | 8/8/1990 | 11/12/1996 | F | 18 | T | 14 | 1/20/2010 | No change to listed status* |
| Chupacallos (<i>Pleodendron macranthum</i>) | 11/25/1994 | 9/11/1998 | F | 10 | E | 8 | 6/29/2014 | No change to listed status |
| Clarkia_Pismo (<i>Clarkia speciosa</i> ssp. <i>immaculata</i>) | 12/15/1994 | 9/28/1998 | F | N/A | E | 6C | 8/17/2009 | No change to listed status* |
| Clarkia_Presidio (<i>Clarkia franciscana</i>) | 2/3/1995 | 9/30/1998 | F | 13 | E | 5C | 11/19/2010 | No change to listed status |
| Clarkia_Springville (<i>Clarkia springvillensis</i>) | 10/14/1998 | N/A | N/A | N/A | T | 8 | 8/17/2009 | No change to listed status* |
| Clarkia_Vine Hill (<i>Clarkia imbricata</i>) | 10/22/1997 | 3/18/2016 | F | N/A | E | 5 | 9/8/2011 | No change to listed status |
| Cliff_rose, Arizona (<i>Purshia</i> (= <i>Cowania</i>) <i>subintegra</i>) | 5/29/1984 | 6/16/1995 | F | 21 | E | 2 | 8/16/2013 | No change to listed status |
| Clover_Monterey (<i>Trifolium trichocalyx</i>) | 8/12/1998 | 8/19/2004 | F | 4 | E | 5C | 9/16/2009 | No change to listed status |
| Clover_running buffalo (<i>Trifolium stoloniferum</i>) | 6/5/1987 | 6/14/2007 | RF(1) | 8 | E | 8 | 5/6/2011 | Reclassify to T* |
| Clover_showy Indian (<i>Trifolium amoenum</i>) | 10/22/1997 | N/A | N/A | N/A | E | 2 | 6/20/2012 | No change to listed status |
| Cobana negra (<i>Stahlia monosperma</i>) | 4/5/1990 | 11/1/1996 | F | 10 | T | 8C | 10/29/2014 | No change to listed status |
| Coneflower_smooth (<i>Echinacea laevigata</i>) | 10/8/1992 | 4/18/1995 | F | 10 | E | 5 | 8/2/2011 | Reclassify to T |
| Cory cactus, bunched (<i>Coryphantha ramillosa</i>) | 12/6/1979 | 4/13/1990 | F | 3 | T | 8 | N/A | * |
| Crownbeard_big-leaved (<i>Verbesina dissita</i>) | 10/7/1996 | N/A | N/A | N/A | T | 11C | 8/6/2010 | No change to listed status |
| Crownscale_San Jacinto Valley (<i>Atriplex coronata</i> var. <i>notatior</i>) | 10/13/1998 | N/A | N/A | N/A | E | 9C | 8/17/2012 | No change to listed status |
| Cycladenia_Jones (<i>Cycladenia humilis</i> var. <i>ionessii</i>) | 5/5/1986 | N/A | N/A | N/A | T | 12C | N/A | * |
| Daisy_Lakeside (<i>Hymenoxys herbacea</i>) | 6/23/1988 | 9/19/1990 | F | 15 | T | 5 | 4/22/2016 | No change to listed status |
| Daisy_Parish's (<i>Erigeron parishii</i>) | 8/24/1994 | 9/30/1997 | D | 8 | T | 8C | 8/13/2009 | No change to listed status* |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Daisy, Willamette (<i>Erigeron decumbens</i> var. <i>decumbens</i>) | 1/25/2000 | 5/20/2010 | F | 32 | E | 2C | 9/30/2010 | No change to listed status* |
| Dawn-flower, Texas prairie (<i>Hymenoxys texana</i>) | 3/13/1986 | 4/13/1990 | F | 14 | E | 2C | 8/26/2015 | No change to listed status |
| Desert-parsley, Bradshaw's (<i>Lomatium bradshawii</i>) | 9/30/1988 | 5/20/2010 | F | 31 | E | 5 | 9/24/2009 | No change to listed status* |
| Dogweed, ash (<i>Thymophylla tephroleuca</i>) | 7/19/1984 | 7/29/1988 | F | 15 | E | 5 | 10/7/2011 | No change to listed status |
| Dropwort, Canby's (<i>Oxyopolis canbyi</i>) | 2/25/1986 | 4/10/1990 | F | 11 | E | 5 | 7/28/2015 | No change to listed status |
| Dudleva, Conejo (<i>Dudleva abramsii</i> ssp. <i>parva</i>) | 1/29/1997 | 9/30/1999 | F | 4 | T | 3 | 3/4/2015 | No change to listed status |
| Dudleva, marcescent (<i>Dudleva cymosa</i> ssp. <i>marcescens</i>) | 1/29/1997 | 9/30/1999 | F | 4 | T | 9 | 8/14/2009 | No change to listed status |
| Dudleva, Santa Clara Valley (<i>Dudleva setchelii</i>) | 2/3/1995 | 9/30/1998 | F | 16 | E | 2C | 2/5/2013 | No change to listed status |
| Dudleva, Santa Cruz Island (<i>Dudleva nesiotical</i>) | 7/31/1997 | 9/26/2000 | F | 16 | T | 8 | 8/17/2009 | No change to listed status |
| Dudleva, Santa Monica Mountains (<i>Dudleva cymosa</i> ssp. <i>ovatifolia</i>) | 1/29/1997 | 9/30/1999 | F | 3 | T | 6 | 11/13/2009 | No change to listed status |
| Dudleva, Verity's (<i>Dudleva verityi</i>) | 1/29/1997 | 9/30/1999 | F | 4 | T | 5C | 8/17/2009 | No change to listed status |
| Dwarf-flax, Marin (<i>Hesperolinon congestum</i>) | 2/3/1995 | 9/30/1998 | F | 17 | T | 8C | 9/8/2011 | No change to listed status |
| Erubia (<i>Solanum drymophilum</i>) | 8/26/1988 | 7/9/1992 | F | 6 | E | 8 | 10/30/2015 | No change to listed status |
| Evening-primrose, Antioch Dunes (<i>Oenothera deltooides</i> ssp. <i>howellii</i>) | 5/27/1978 | 4/25/1984 | RF(1) | 20 | E | 3 | 7/10/2008 | No change to listed status* |
| Evening-primrose, Eureka Valley (<i>Oenothera ovata</i> ssp. <i>eurekaensis</i>) | 5/27/1978 | 12/13/1982 | F | 35 | E | 15 | 9/24/2007 | Delist due to recovery* |
| Evening-primrose, San Benito (<i>Camissonia benitensis</i>) | 2/12/1985 | 9/21/2006 | F | 18 | T | 5 | 8/17/2009 | No change to listed status* |
| Fiddleneck, large-flowered (<i>Amsinckia grandiflora</i>) | 5/8/1985 | 9/29/1997 | F | 23 | E | 5 | 2/4/2009 | No change to listed status* |
| Flannelbush, Mexican (<i>Fremontodendron mexicanum</i>) | 10/13/1998 | N/A | N/A | N/A | E | 8 | 8/14/2009 | No change to listed status |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Flannelbush, Pine Hill (<i>Fremontodendron californicum</i> ssp. <i>decumbens</i>) | 10/18/1996 | 8/30/2002 | F | 16 | E | 6C | N/A | * |
| Flax, Carter's small-flowered (<i>Linum carteri carteri</i>) | 10/6/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Fleabane, Zuni (<i>Eriogon rhizomatus</i>) | 4/26/1985 | 9/30/1988 | F | 8 | T | 14 | 9/27/2007 | No change to listed status |
| Four-o'clock, MacFarlane's (<i>Mirabilis macfarlanei</i>) | 11/29/1979 | 6/30/2000 | RF(1) | 17 | T | 11 | 9/18/2015 | No change to listed status |
| Fringepod, Santa Cruz Island (<i>Thysanocarpus conchuliferus</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 8 | 8/17/2009 | No change to listed status* |
| Fringe-tree, pygmy (<i>Chionanthus pygmaeus</i>) | 1/21/1987 | 5/18/1999 | F | 13 | E | 2 | 8/17/2010 | No change to listed status |
| Fritillary, Gentner's (<i>Fritillaria gentneri</i>) | 12/10/1999 | 8/28/2003 | F | 22 | E | 2 | 1/25/2016 | No change to listed status |
| Gardenia (=Na'u), Hawaiian (<i>Gardenia brighamii</i>) | 8/21/1985 | 9/30/1993 | F | 53 | E | 2 | 6/2/2014 | No change to listed status |
| Geranium, Hawaiian red-flowered (<i>Geranium arboreum</i>) | 5/13/1992 | 7/29/1997 | F | 25 | E | 2 | 8/29/2011 | No change to listed status* |
| Gerardia, sandplain (<i>Aqalinis acuta</i>) | 9/7/1988 | 9/20/1989 | F | 17 | E | 5C | N/A | * |
| Gilia, Hoffmann's slender-flowered (<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 6 | 7/14/2009 | No change to listed status |
| Gilia, Monterey (<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>) | 6/22/1992 | 9/29/1998 | F | 9 | E | 9 | 3/31/2008 | No change to listed status* |
| Glade cress, Kentucky (<i>Leavenworthia exigua laciniata</i>) | 6/5/2014 | N/A | N/A | N/A | T | 9 | N/A | Species listed <5 years |
| Glade cress, Fleshy-fruit (<i>Leavenworthia crassa</i>) | 8/1/2014 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Glade cress, Texas golden (<i>Leavenworthia texana</i>) | 10/11/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Goetzia, beautiful (<i>Goetzia elegans</i>) | 4/19/1985 | 4/28/1987 | F | 16 | E | 8 | 8/29/2013 | No change to listed status |
| Goldenrod, Blue Ridge (<i>Solidago spithameae</i>) | 3/28/1985 | 10/28/1987 | F | 12 | T | 8 | 3/29/2012 | No change to listed status |
| Goldenrod, Houghton's (<i>Solidago houghtonii</i>) | 7/18/1988 | 9/17/1997 | F | 28 | T | 8C | 9/12/2011 | No change to listed status |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Goldenrod, Short's (<i>Solidago shortii</i>) | 9/5/1985 | 5/25/1988 | F | 17 | E | 8 | 10/25/2007 | No change to listed status* |
| Goldenrod, white-haired (<i>Solidago albopilosa</i>) | 4/7/1988 | 9/28/1993 | F | 14 | T | 8 | 9/1/2015 | Delist due to recovery |
| Goldfields, Burke's (<i>Lasthenia burkei</i>) | 12/2/1991 | 5/31/2016 | F | 3 | E | 2C | 9/30/2008 | No change to listed status* |
| Goldfields, Contra Costa (<i>Lasthenia conlugens</i>) | 6/18/1997 | 12/15/2005 | F | 11 | E | 5C | 2/21/2013 | No change to listed status |
| Gooseberry, Miccosukee (<i>Ribes echinellum</i>) | 7/18/1985 | Exempt | Exempt | Exempt | T | 11 | 6/17/2015 | No change to listed status |
| Gourd, Okeechobee (<i>Cucurbita okeechobeensis</i> ssp. <i>okeechobeensis</i>) | 7/12/1993 | 5/18/1999 | F | 14 | E | 3 | 9/3/2009 | No change to listed status |
| Grass, Colusa (<i>Neostappia calusana</i>) | 3/26/1997 | 12/15/2005 | F | 12 | T | 2C | 7/10/2008 | No change to listed status* |
| Grass, Eureka Dune (<i>Swallenia alexandrae</i>) | 5/27/1978 | 12/13/1982 | F | 35 | E | 13 | 9/24/2007 | Delist due to recovery* |
| Grass, Solano (<i>Tuctoria mucronata</i>) | 9/29/1978 | 12/15/2005 | F | 11 | E | 2 | 4/1/2009 | No change to listed status* |
| Grass, Tennessee yellow-eyed (<i>Xyris tennesseensis</i>) | 7/26/1991 | 6/24/1994 | F | 12 | E | 8 | 3/12/2014 | No change to listed status |
| Ground-plum, Guthrie's (=Pyne's) (<i>Astragalus bibullatus</i>) | 9/26/1991 | 7/20/2011 | F | 13 | E | 2 | 10/20/2011 | * |
| Gumplant, Ash Meadows (<i>Grindelia fraxinipratensis</i>) | 5/20/1985 | 9/28/1990 | F | 6 | T | 14 | 1/10/2008 | No change to listed status* |
| Ha'iwale (<i>Cyrtandra crenata</i>) | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/2/2011 | No change to listed status |
| Ha'iwale (<i>Cyrtandra dentata</i>) | 10/10/1996 | 8/10/1998 | F | 21 | E | 8 | 8/28/2012 | No change to listed status |
| Ha'iwale (<i>Cyrtandra filipes</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Ha'iwale (<i>Cyrtandra giffardii</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 2 | 8/28/2012 | No change to listed status |
| Ha'iwale (<i>Cyrtandra kaulantha</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Ha'iwale (<i>Cyrtandra limahuliensis</i>) | 2/25/1994 | 9/20/1995 | F | 27 | T | 14 | 8/27/2010 | No change to listed status* |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Ha'iwaile (<i>Cyrtandra munroi</i>) | 5/15/1992 | 9/29/1995 | F | 39 | E | 5 | 8/2/2011 | No change to listed status* |
| Ha'iwaile (<i>Cyrtandra oenobarba</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Ha'iwaile (<i>Cyrtandra oxybapha</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Ha'iwaile (<i>Cyrtandra polyantha</i>) | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/1/2013 | No change to listed status |
| Ha'iwaile (<i>Cyrtandra sessilis</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Ha'iwaile (<i>Cyrtandra subumbellata</i>) | 10/10/1996 | 8/10/1998 | F | 21 | E | 8 | 8/1/2013 | No change to listed status |
| Ha'iwaile (<i>Cyrtandra tintinnabula</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 5 | 8/28/2012 | No change to listed status |
| Ha'iwaile (<i>Cyrtandra viridiflora</i>) | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/1/2013 | No change to listed status |
| Haha (<i>Cyanea acuminata</i>) | 10/10/1996 | 8/10/1998 | F | 22 | E | 11 | 8/20/2013 | No change to listed status |
| Haha (<i>Cyanea asarifolia</i>) | 2/25/1994 | 9/20/1995 | F | 39 | E | 5 | 4/8/2009 | No change to listed status* |
| Haha (<i>Cyanea asplenifolia</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Haha (<i>Cyanea calycina</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Haha (<i>Cyanea copelandii</i> ssp. <i>copelandii</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 6 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea copelandii</i> ssp. <i>haleakalaensis</i>) | 9/3/1999 | 7/10/1999 | F | 22 | E | 6 | 8/2/2011 | No change to listed status* |
| Haha (<i>Cyanea crispa</i>) | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/19/2013 | No change to listed status |
| Haha (<i>Cyanea dolichopoda</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Haha (<i>Cyanea dunbarii</i>) | 10/10/1996 | 9/26/1996 | F | 20 | E | 5 | 3/12/2014 | No change to listed status* |
| Haha (<i>Cyanea duvalliorum</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Haha (<i>Cyanea eleeleensis</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |

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| <u>Haha (<i>Cyanea alabra</i>)</u> | 9/3/1999 | 7/10/1999 | F | 22 | E | 5 | 8/2/2011 | No change to listed status* |
| <u>Haha (<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i>)</u> | 10/10/1996 | 7/10/1999 | F | 21 | E | 6 | 8/2/2011 | No change to listed status |
| <u>Haha (<i>Cyanea grimesiana</i> ssp. <i>obatae</i>)</u> | 6/27/1994 | 8/10/1998 | F | 21 | E | 6 | 8/28/2012 | No change to listed status |
| <u>Haha (<i>Cyanea hamatiflora</i> ssp. <i>carlsonii</i>)</u> | 3/4/1994 | 9/26/1996 | F | 32 | E | 6 | 8/3/2015 | No change to listed status |
| <u>Haha (<i>Cyanea hamatiflora</i> ssp. <i>hamatiflora</i>)</u> | 9/3/1999 | 7/10/1999 | F | 22 | E | 6 | 3/14/2014 | No change to listed status* |
| <u>Haha (<i>Cyanea humboldtiana</i>)</u> | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/2/2011 | No change to listed status |
| <u>Haha (<i>Cyanea kolekolensis</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Haha (<i>Cyanea koolauensis</i>)</u> | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/9/2013 | No change to listed status |
| <u>Haha (<i>Cyanea kuhihewa</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Haha (<i>Cyanea kunthiana</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| <u>Haha (<i>Cyanea lanceolata</i>)</u> | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Haha (<i>Cyanea lobata</i>)</u> | 5/15/1992 | 7/29/1997 | F | 27 | E | 2 | 3/12/2014 | No change to listed status* |
| <u>Haha (<i>Cyanea longiflora</i>)</u> | 10/10/1996 | 8/10/1998 | F | 23 | E | 11 | 4/8/2009 | No change to listed status |
| <u>Haha (<i>Cyanea macrostegia</i> ssp. <i>gibsonii</i>)</u> | 9/20/1991 | 9/29/1995 | F | 31 | E | 6 | 3/12/2014 | No change to listed status* |
| <u>Haha (<i>Cyanea magnicalyx</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Haha (<i>Cyanea mannii</i>)</u> | 10/8/1992 | 9/26/1996 | F | 19 | E | 2 | 8/2/2011 | No change to listed status* |
| <u>Haha (<i>Cyanea maritae</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Haha (<i>Cyanea marksii</i>)</u> | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Haha (<i>Cyanea mawiensis</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |

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| Haha (<i>Cyanea mcclowneyi</i>) | 5/15/1992 | 7/29/1997 | F | 25 | E | 2 | 6/2/2014 | No change to listed status* |
| haha (<i>Cyanea munroi</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Haha (<i>Cyanea obtusa</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Haha (<i>Cyanea pinnatifida</i>) | 10/29/1991 | 8/10/1998 | F | 22 | E | 5 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea procera</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 5 | 6/5/2014 | No change to listed status* |
| Haha (<i>Cyanea recta</i>) | 10/10/1996 | 9/20/1995 | F | 36 | T | 2 | 8/27/2010 | No change to listed status* |
| Haha (<i>Cyanea remyi</i>) | 10/10/1996 | 9/20/1995 | F | 36 | E | 5 | 8/27/2010 | No change to listed status |
| Haha (<i>Cyanea rivularis</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 8/27/2010 | No change to listed status* |
| Haha (<i>Cyanea shiyananii</i>) | 3/4/1994 | 9/26/1996 | F | 30 | E | 2 | 8/3/2015 | No change to listed status |
| Haha (<i>Cyanea st. johnei</i>) | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea stictophylla</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 2 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea superba</i>) | 9/11/1991 | 8/10/1998 | F | 23 | E | 5 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea truncata</i>) | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/28/2012 | No change to listed status |
| Haha (<i>Cyanea undulata</i>) | 9/20/1991 | 5/31/1994 | F | 32 | E | 5 | 1/18/2008 | No change to listed status* |
| Haiwale (<i>Cyrtandra ferripilosa</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Haiwale (<i>Cyrtandra paliku</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Hala pepe (<i>Pleomele fernaldii</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Hala pepe (<i>Pleomele forbesii</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Hala pepe (<i>Pleomele hawaiiensis</i>) | 10/10/1996 | 9/26/1996 | F | 31 | E | 2 | 8/28/2012 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Halomtano, Berenghenas (<i>Solanum quamense</i>) | 11/2/2015 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Halumtano, Cebello (<i>Bulbophyllum quamense</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| Harebells, Avon Park (<i>Crotalaria avonensis</i>) | 4/27/1993 | 5/18/1999 | F | 17 | E | 5C | 7/13/2007 | No change to listed status |
| Harperella (<i>Ptilimnium nodosum</i>) | 10/28/1988 | 3/5/1991 | F | 23 | E | 8 | N/A | * |
| Hau kuahwi (<i>Hibiscadeiphus aiffardianus</i>) | 10/10/1996 | 9/26/1996 | F | 26 | E | 5 | 8/3/2015 | No change to listed status |
| Hau kuahwi (<i>Hibiscadeiphus hualalaiensis</i>) | 10/10/1996 | 9/26/1996 | F | 30 | E | 5 | 8/3/2015 | No change to listed status |
| Hau kuahwi (<i>Hibiscadeiphus woodii</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 5 | 8/28/2012 | No change to listed status* |
| Heartleaf, dwarf-flowered (<i>Hexastylis naniflora</i>) | 4/14/1989 | N/A | N/A | N/A | T | 14 | 5/2/2011 | No change to listed status |
| Heather, mountain golden (<i>Hudsonia montana</i>) | 10/20/1980 | 9/14/1983 | F | 15 | T | 8 | 1/14/2013 | No change to listed status |
| Heau (<i>Exocarpos luteolus</i>) | 2/25/1994 | 9/20/1995 | F | 28 | E | 5 | 8/27/2010 | No change to listed status* |
| Hibiscus, Clay's (<i>Hibiscus clayi</i>) | 2/25/1994 | 9/20/1995 | F | 37 | E | 5 | 1/18/2008 | No change to listed status* |
| Higuero de sierra (<i>Crescentia portoricensis</i>) | 12/4/1987 | 9/23/1991 | F | 14 | E | 14 | N/A | * |
| Ho'awa (<i>Pittosporum napaliense</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Holei (<i>Ochrosia kilaeensis</i>) | 3/4/1994 | 9/26/1996 | F | 30 | E | 5 | 8/28/2012 | No change to listed status |
| Holly, Cook's (<i>Ilex cookii</i>) | 6/16/1987 | 1/31/1991 | F | 5 | E | 5 | 8/6/2013 | No change to listed status |
| Honohono (<i>Haplostachys haplostachya</i>) | 11/29/1979 | 9/20/1993 | D | N/A | E | 1 | 8/28/2012 | No change to listed status |
| Howellia, water (<i>Howellia aguaitilis</i>) | 7/14/1994 | 9/24/1996 | D | 23 | T | 13 | 8/30/2013 | Delist due to recovery |
| Hulumoa (<i>Korthalsella degeneri</i>) | 10/18/2012 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Hypericum, highlands scrub (<i>Hypericum cumulicola</i>) | 1/21/1987 | 5/18/1999 | F | 20 | E | 2 | 9/5/2008 | No change to listed status* |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Iagu, Hayun (= Guam), Tronkon guafi (Rota) (<i>Serianthes nelsonii</i>) | 2/18/1987 | 2/2/1994 | F | 36 | E | 2 | 8/28/2012 | No change to listed status* |
| Iliau, dwarf (<i>Wilkesia hobbvii</i>) | 6/22/1992 | 9/20/1995 | F | 33 | E | 2 | 8/27/2010 | No change to listed status* |
| Indian paintbrush, San Clemente Island (<i>Castilleja arisaea</i>) | 9/12/1977 | 1/26/1984 | F | 26 | T | 14 | 7/10/2012 | Reclassify to T |
| Ipomopsis, Holy Ghost (<i>Ipomopsis sancti-spiritus</i>) | 3/23/1994 | 9/26/2002 | F | 21 | E | 2 | 10/22/2008 | No change to listed status |
| Iris, dwarf lake (<i>Iris lacustris</i>) | 9/28/1988 | 8/1/2013 | F | 7 | T | 8C | 8/4/2011 | No change to listed status |
| Irisette, white (<i>Sisyrinchium dichotomum</i>) | 9/26/1991 | 4/10/1995 | F | 10 | E | 8C | 5/3/2013 | No change to listed status |
| Ischaemum, Hilo (<i>Ischaemum byrone</i>) | 3/4/1994 | 9/26/1996 | F | 32 | E | 5 | 8/20/2015 | No change to listed status |
| Ivesia, Ash Meadows (<i>Ivesia kingii</i> var. <i>eremica</i>) | 5/20/1985 | 9/28/1990 | F | 5 | T | 8 | N/A | * |
| Ivesia, Webber (<i>Ivesia webberi</i>) | 7/3/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Jacquemontia, beach (<i>Jacquemontia reclinata</i>) | 11/24/1993 | 5/18/1999 | F | 30 | E | 2 | 5/30/2007 | No change to listed status |
| Jewelflower, California (<i>Caulanthus californicus</i>) | 7/19/1990 | 9/30/1998 | F | 17 | E | 2 | 8/7/2013 | No change to listed status |
| Jewelflower, Metcalf Canyon (<i>Streptanthus albidus</i> ssp. <i>albidus</i>) | 2/3/1995 | 9/30/1998 | F | 15 | E | 3C | 2/5/2013 | No change to listed status |
| Jewelflower, Tiburon (<i>Streptanthus niger</i>) | 2/3/1995 | 9/30/1998 | F | 9 | E | 5C | 8/10/2010 | No change to listed status |
| Joint-vetch, Sensitive (<i>Aeschynomene virginica</i>) | 5/20/1992 | 9/29/1995 | F | 13 | T | 2 | 9/25/2013 | No change to listed status |
| Kamakahala (<i>Labordia cyrtandrae</i>) | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/15/2013 | No change to listed status |
| Kamakahala (<i>Labordia helleri</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Kamakahala (<i>Labordia lydgatei</i>) | 9/20/1991 | 5/31/1994 | F | 39 | E | 5 | 6/2/2009 | No change to listed status* |
| Kamakahala (<i>Labordia pumila</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |

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Recovery Data as of September 30, 2016

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Kamakahala (<i>Labordia tinifolia</i> var. <i>lanaiensis</i>) | 9/3/1999 | 7/10/1999 | F | 20 | E | 6 | 8/28/2012 | No change to listed status* |
| Kamakahala (<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 6 | 6/2/2009 | No change to listed status* |
| Kamakahala (<i>Labordia triflora</i>) | 9/3/1999 | 7/10/1999 | F | 21 | E | 5 | 6/2/2014 | No change to listed status* |
| Kamanomano (<i>Cenchrus agrimonoides</i>) | 10/10/1996 | 7/10/1999 | F | 20 | E | 5 | 3/12/2014 | No change to listed status |
| Kauai hau kuahwi (<i>Hibiscadelphus distans</i>) | 4/29/1986 | 6/5/1996 | F | 17 | E | 2 | 7/21/2009 | No change to listed status* |
| Kaula (<i>Colubrina oppositifolia</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 5 | 7/23/2015 | No change to listed status |
| Kaulu (<i>Pteralyxia kauaiensis</i>) | 2/25/1994 | 9/20/1995 | F | 29 | E | 5 | 8/27/2010 | No change to listed status* |
| Kaulu (<i>Pteralyxia macrocarpa</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Kio`ele (<i>Kadua coriacea</i>) | 5/15/1992 | 7/29/1997 | F | 27 | E | 2 | 8/3/2015 | No change to listed status |
| Kiponapona (<i>Phyllostegia racemosa</i>) | 10/10/1996 | 9/26/1996 | F | 29 | E | 2 | 8/28/2012 | No change to listed status |
| Ko`oko`olau (<i>Bidens amplexans</i>) | 10/18/2012 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Ko`oko`olau (<i>Bidens campylothea pentamera</i>) | 6/27/2013 | N/A | N/A | N/A | E | 3 | N/A | Species listed <5 years |
| Ko`oko`olau (<i>Bidens campylothea waihoiensis</i>) | 6/27/2013 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| Ko`oko`olau (<i>Bidens conjuncta</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Ko`oko`olau (<i>Bidens micrantha ctenophylla</i>) | 11/29/2013 | N/A | N/A | N/A | E | 3C | N/A | Species listed <5 years |
| Ko`oko`olau (<i>Bidens micrantha</i> ssp. <i>kalealaha</i>) | 5/15/1992 | 7/29/1997 | F | 24 | E | 9 | 8/2/2011 | No change to listed status* |
| Ko`oko`olau (<i>Bidens wiebkei</i>) | 10/8/1992 | 9/26/1996 | F | 18 | E | 2 | 8/2/2011 | No change to listed status* |
| Ko`oloa`uia (<i>Abutilon menziesii</i>) | 9/26/1986 | 9/29/1995 | F | 42 | E | 2 | 8/2/2011 | No change to listed status |
| Kohe malama malama o kanaloa (<i>Kanaloa kahoolaweensis</i>) | 9/3/1999 | 7/10/1999 | F | 21 | E | 1 | 3/27/2014 | No change to listed status |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Koholapehu (<i>Dubautia latifolia</i>) | 5/13/1992 | 9/20/1995 | F | 31 | E | 5 | 8/27/2010 | No change to listed status* |
| Koki'o (<i>Kokia drynarioides</i>) | 12/4/1984 | 5/6/1994 | F | 30 | E | 2 | 8/25/2015 | No change to listed status |
| Koki'o (<i>Kokia kauaiensis</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 8/27/2010 | No change to listed status* |
| Koki'o ke'oke'oke' (<i>Hibiscus arnotianus ssp. immaculatus</i>) | 10/8/1992 | 9/26/1996 | F | 17 | E | 3 | 8/29/2011 | No change to listed status* |
| Koki'o ke'oke'oke' (<i>Hibiscus waimeae ssp. hamnerae</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 3 | 8/27/2010 | No change to listed status* |
| Koki'o, Cooke's (<i>Kokia cookii</i>) | 11/29/1979 | 5/27/1998 | F | 18 | E | 5 | 3/27/2014 | No change to listed status* |
| Kolea (<i>Myrsine iuddii</i>) | 10/10/1996 | 8/10/1998 | F | 20 | E | 8 | 8/19/2013 | No change to listed status |
| Kolea (<i>Myrsine knudsenii</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Kolea (<i>Myrsine linearifolia</i>) | 10/10/1996 | 9/20/1995 | F | 23 | T | 2 | 8/27/2010 | No change to listed status* |
| Kolea (<i>Myrsine mezii</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Kolea (<i>Myrsine vaccinioides</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Kopa (<i>Hedyotis schlechtendahlana var. remyi</i>) | 9/3/1999 | 7/10/1999 | F | 20 | E | 6 | 3/27/2014 | No change to listed status* |
| Kopiko (<i>Psychotria grandiflora</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Kopiko (<i>Psychotria hodayi</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Kuahwi lauakahi (<i>Plantago hawaiiensis</i>) | 3/4/1994 | 9/26/1996 | F | 30 | E | 5 | 8/28/2012 | No change to listed status |
| Kuahwi lauakahi (<i>Plantago princeps</i>) | 11/10/1994 | 7/10/1999 | F | 17 | E | 5 | 8/12/2013 | No change to listed status |
| Kuawawaenuhu (<i>Schiedea lychnoides</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 2 | 8/27/2010 | No change to listed status* |
| Kula wahine noho (<i>Isodendron pyriforme</i>) | 3/4/1994 | 9/26/1996 | F | 26 | E | 2 | 8/3/2015 | No change to listed status |
| Kulu'i (<i>Nototrichum humile</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 8 | 8/8/2013 | No change to listed status |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Ladies'-tresses, Canelo Hills (<i>Spiranthes delitescens</i>) | 1/6/1997 | N/A | N/A | N/A | E | 2C | N/A | * |
| Ladies'-tresses, Navasota (<i>Spiranthes parksii</i>) | 5/6/1982 | 9/21/1984 | F | 4 | E | 8C | 8/26/2009 | No change to listed status |
| Ladies'-tresses, Ute (<i>Spiranthes diluvialis</i>) | 1/17/1992 | 9/21/1995 | D | 16 | T | 14C | N/A | * |
| Larkspur, Baker's (<i>Delphinium bakeri</i>) | 1/26/2000 | 8/3/2015 | F | 7 | E | 5 | 6/20/2012 | No change to listed status |
| Larkspur, San Clemente Island (<i>Delphinium variegatum ssp. kinkiense</i>) | 9/12/1977 | 1/26/1984 | F | 27 | E | 15 | 3/31/2008 | Reclassify to T* |
| Larkspur, yellow (<i>Delphinium luteum</i>) | 1/26/2000 | N/A | N/A | N/A | E | 8C | 9/8/2011 | No change to listed status |
| Lau`ehu (<i>Panicum nihoaense</i>) | 10/10/1996 | 7/10/1999 | F | 17 | E | 2 | 1/18/2008 | No change to listed status* |
| Laulihilihi (<i>Schiedea stellarioides</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 2 | 8/27/2010 | No change to listed status* |
| Layia, beach (<i>Layia carnosae</i>) | 6/22/1992 | 9/29/1998 | F | 11 | E | 8 | 1/27/2012 | Reclassify to T |
| Lead-plant, Crenulate (<i>Amorpha crenulata</i>) | 7/18/1985 | 5/18/1999 | F | 23 | E | 5C | 9/21/2007 | No change to listed status* |
| Leather flower, Alabama (<i>Clematis socialis</i>) | 9/26/1986 | 12/27/1989 | F | 17 | E | 5 | 7/12/2010 | No change to listed status* |
| Leather flower, Morefield's (<i>Clematis morefieldii</i>) | 5/20/1992 | 5/3/1994 | F | 8 | E | 8 | 9/14/2010 | No change to listed status |
| Luhua makahoe (<i>Lysimachia daphnoides</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Lessingia, San Francisco (<i>Lessingia germanorum</i> (=L.g. var. <i>germanorum</i>)) | 6/19/1997 | 8/8/2003 | F | 14 | E | 2C | 6/20/2012 | No change to listed status |
| Liliwai (<i>Acaena exiguu</i>) | 5/15/1992 | 7/29/1997 | F | 32 | E | 5 | 3/11/2014 | No change to listed status |
| Lily, Minnesota dwarf trout (<i>Erythronium propullans</i>) | 3/26/1986 | 12/16/1987 | F | 10 | E | 5C | 8/24/2011 | No change to listed status |
| Lily, Pitkin Marsh (<i>Lilium pardalinum ssp. pitkinense</i>) | 10/22/1997 | N/A | N/A | N/A | E | 6C | 8/17/2009 | No change to listed status* |
| Lily, Western (<i>Lilium occidentale</i>) | 8/17/1994 | 3/31/1998 | F | 21 | E | 2 | 5/4/2009 | No change to listed status* |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Liveforever, Laguna Beach (<i>Dudleya stolonifera</i>) | 10/13/1998 | N/A | N/A | N/A | T | 8 | 4/16/2010 | No change to listed status |
| Liveforever, Santa Barbara Island (<i>Dudleya traskiae</i>) | 5/27/1978 | 6/27/1985 | F | 11 | E | 8 | 8/24/2012 | No change to listed status |
| Lo'ulu (<i>Pritchardia kaalae</i>) | 10/10/1996 | 8/10/1998 | F | 22 | E | 5 | 8/12/2013 | No change to listed status |
| Lo'ulu (<i>Pritchardia lanigera</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Lo'ulu (<i>Pritchardia maideniana</i>) | 3/4/1994 | 9/26/1996 | F | 32 | E | 5 | 8/28/2012 | No change to listed status |
| Lo'ulu (<i>Pritchardia munroi</i>) | 10/8/1992 | 9/26/1996 | F | 20 | E | 5 | 6/5/2014 | No change to listed status* |
| Lo'ulu (<i>Pritchardia napaliensis</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 8/27/2010 | No change to listed status* |
| Lo'ulu (<i>Pritchardia remota</i>) | 8/21/1996 | 3/31/1998 | F | 24 | E | 2 | 7/21/2009 | No change to listed status* |
| Lo'ulu (<i>Pritchardia schattaueri</i>) | 10/10/1996 | 9/26/1996 | F | 29 | E | 5 | 8/6/2015 | No change to listed status |
| Lo'ulu (<i>Pritchardia viscosa</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 1/18/2008 | No change to listed status* |
| Lo'ulu, (=Na'ena'e) (<i>Pritchardia hardyi</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Locoweed, Fassett's (<i>Oxytropis campestris</i> var. <i>chartacea</i>) | 9/28/1988 | 3/29/1991 | F | 6 | T | 9 | 6/19/2013 | No change to listed status |
| Lomatium, Cook's (<i>Lomatium cookii</i>) | 11/7/2002 | 11/6/2012 | F | 70 | E | 2C | 9/27/2011 | No change to listed status |
| Loosestrife, rough-leaved (<i>Lythrum asperulaefolia</i>) | 6/12/1987 | 4/19/1995 | F | 14 | E | 8 | 11/16/2014 | No change to listed status |
| Lotus, San Clemente Island (<i>Acemison dendroideus</i> var. <i>traskiae</i> (=Lotus d. ssp. <i>traskiae</i>)) | 9/12/1977 | 1/26/1984 | F | 26 | T | 15 | 7/10/2012 | Reclassify to T |
| Lousewort, Furbish (<i>Pedicularis furbishiae</i>) | 5/27/1978 | 7/2/1991 | RF(1) | 13 | E | 14 | 4/9/2007 | Reclassify to T* |
| Love grass, Fosberg's (<i>Eragrostis fosbergii</i>) | 10/10/1996 | 8/10/1998 | F | 21 | E | 5 | 8/2/2011 | No change to listed status |
| Lupine, clover (<i>Lupinus tidestromii</i>) | 6/22/1992 | 9/29/1998 | F | 9 | E | 5 | 2/16/2010 | No change to listed status |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Lupine, Kincaid's (<i>Lupinus sulphureus</i> ssp. <i>kincaidii</i>) | 1/25/2000 | 5/20/2010 | F | 37 | T | 6C | 9/29/2010 | No change to listed status* |
| Lupine, Nipomo Mesa (<i>Lupinus nipomensis</i>) | 3/20/2000 | N/A | N/A | N/A | E | 5 | 10/19/2009 | No change to listed status |
| Lupine, scrub (<i>Lupinus aridorum</i>) | 4/7/1987 | 6/20/1996 | RF(1) | 25 | E | 2C | 11/27/2007 | No change to listed status* |
| Ma'o hau hele, (=native yellow hibiscus) (<i>Hibiscus brackenridgei</i>) | 11/10/1994 | 7/10/1999 | F | 21 | E | 2 | 8/19/2013 | No change to listed status |
| Ma'oli'oli (<i>Schiedea apokremnos</i>) | 9/30/1991 | 9/20/1995 | F | 28 | E | 5 | 8/27/2010 | No change to listed status* |
| Ma'oli'oli (<i>Schiedea hawaiiensis</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Ma'oli'oli (<i>Schiedea kealii</i>) | 10/10/1996 | 8/10/1998 | F | 20 | E | 8 | 8/13/2013 | No change to listed status |
| Mahoe (<i>Alectryon macrococcus</i>) | 5/15/1992 | 7/29/1997 | F | 8 | E | 5 | 8/7/2013 | No change to listed status |
| Makou (<i>Peucedanum sandwicense</i>) | 2/25/1994 | 9/20/1995 | F | 27 | T | 8 | 8/28/2012 | No change to listed status |
| Malacothrix, island (<i>Malacothrix squalida</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 2 | 8/30/2010 | No change to listed status |
| Malacothrix, Santa Cruz Island (<i>Malacothrix indecora</i>) | 7/31/1997 | 9/26/2000 | F | 16 | E | 8 | 8/30/2010 | No change to listed status |
| Mallow, Gierisch (<i>Sphaeralcea gierischii</i>) | 9/12/2013 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Mallow, Kern (<i>Eremalche kernensis</i>) | 7/19/1990 | 9/30/1998 | F | 12 | E | 2 | 8/7/2013 | No change to listed status |
| Mallow, Peter's Mountain (<i>Illyama corei</i>) | 5/12/1986 | 9/28/1990 | F | 11 | E | 8 | 10/23/2008 | No change to listed status |
| Manaca, palma de (<i>Calyptronoma rivalis</i>) | 2/6/1990 | 6/25/1992 | F | 13 | T | 8 | 5/24/2016 | No change to listed status |
| Manioc, Walker's (<i>Manihot walkerae</i>) | 10/2/1991 | 12/12/1993 | F | 16 | E | 8C | 6/4/2009 | No change to listed status* |
| Manzanita, Del Mar (<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>) | 10/7/1996 | N/A | N/A | N/A | E | 6C | 8/13/2010 | No change to listed status |
| Manzanita, Franciscan (<i>Arctostaphylos franciscana</i>) | 10/5/2012 | N/A | N/A | N/A | E | 2C | N/A | Species listed <5 years |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Manzanita, lone (<i>Arctostaphylos myrtifolia</i>) | 5/26/1999 | N/A | N/A | N/A | T | 5C | 8/6/2010 | Reclassify to E |
| Manzanita, Morro (<i>Arctostaphylos morroensis</i>) | 12/15/1994 | 9/28/1998 | F | 9 | T | 8 | 3/31/2008 | No change to listed status |
| Manzanita, pallid (<i>Arctostaphylos pallida</i>) | 4/22/1998 | 7/27/2015 | F | 6 | T | 5 | 4/29/2011 | Reclassify to E |
| Manzanita, Presidio (<i>Arctostaphylos hookeri</i> var. <i>ravenii</i>) | 11/29/1979 | 8/8/2003 | F | 18 | E | 12 | 6/20/2012 | No change to listed status |
| Manzanita, Santa Rosa Island (<i>Arctostaphylos confertiflora</i>) | 7/31/1997 | 9/26/2000 | F | 15 | E | 2 | 7/30/2014 | No change to listed status |
| Mapele (<i>Cyrtandra cyaneoides</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 2 | 8/27/2010 | No change to listed status* |
| Mariposa lily, Tiburon (<i>Calochortus tiburonensis</i>) | 2/3/1995 | 9/30/1998 | F | 9 | T | 17 | 9/8/2011 | No change to listed status |
| Meadowfoam, Butte County (<i>Limnanthes floccosa</i> ssp. <i>californica</i>) | 6/8/1992 | 12/15/2005 | F | 15 | E | 3C | 7/10/2008 | No change to listed status* |
| Meadowfoam, large-flowered woolly (<i>Limnanthes floccosa</i> ssp. <i>grandiflora</i>) | 11/7/2002 | 11/6/2012 | F | 64 | E | 3C | 9/27/2011 | No change to listed status |
| Meadowfoam, Sebastopol (<i>Limnanthes vincularis</i>) | 12/2/1991 | 5/31/2016 | F | 2 | E | 2C | 9/30/2008 | No change to listed status* |
| Meadowrue, Cooley's (<i>Thalictrum cooleyi</i>) | 2/7/1989 | 4/21/1994 | F | 15 | E | 2 | 1/8/2009 | No change to listed status |
| Mehamehame (<i>Flueggea neowawraea</i>) | 11/10/1994 | 7/10/1999 | F | 21 | E | 5 | 8/9/2013 | No change to listed status |
| Mesa-mint, Otay (<i>Pogogyne nudiuscula</i>) | 8/3/1993 | 9/3/1998 | F | 9 | E | 2C | 9/1/2010 | No change to listed status |
| Mesa-mint, San Diego (<i>Pogogyne abramsii</i>) | 10/29/1978 | 9/3/1998 | F | 9 | E | 8C | 9/1/2010 | No change to listed status |
| Milkpea, Small's (<i>Galactia smallii</i>) | 7/18/1985 | 5/18/1999 | F | 17 | E | 5C | 7/15/2010 | No change to listed status |
| Milk-vetch, Applegate's (<i>Astragalus applegatei</i>) | 7/28/1993 | 4/10/1998 | F | 19 | E | 5 | 2/4/2009 | No change to listed status |
| Milk-vetch, Ash meadows (<i>Astragalus phoenix</i>) | 5/20/1985 | 9/28/1990 | F | 6 | T | 8 | 8/13/2009 | No change to listed status* |
| Milk-vetch, Braunton's (<i>Astragalus brauntonii</i>) | 1/29/1997 | 9/30/1999 | F | 5 | E | 2 | 2/4/2009 | No change to listed status* |

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Recovery Data as of September 30, 2016

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Milk-vetch, Clara Hunt's (<i>Astragalus clarianus</i>) | 10/22/1997 | N/A | N/A | N/A | E | 5C | 8/17/2009 | No change to listed status* |
| Milk-vetch, Coachella Valley (<i>Astragalus lentiginosus</i> var. <i>coacheliae</i>) | 10/6/1998 | N/A | N/A | N/A | E | 6C | 9/1/2009 | No change to listed status |
| Milk-vetch, coastal dunes (<i>Astragalus tener</i> var. <i>titi</i>) | 8/12/1998 | 8/19/2004 | F | 2 | E | 6C | 2/4/2009 | No change to listed status* |
| Milk-vetch, Cushenbury (<i>Astragalus albens</i>) | 8/24/1994 | 9/30/1997 | D | 7 | E | 8C | 8/13/2009 | No change to listed status* |
| Milk-vetch, Desert (<i>Astragalus deserticus</i>) | 10/20/1999 | N/A | N/A | N/A | T | 14 | 8/16/2011 | Delist due to error |
| Milk-vetch, Fish Slough (<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>) | 10/6/1998 | 9/30/1998 | F | 16 | T | 9 | 2/4/2009 | No change to listed status* |
| Milk-vetch, heliotrope (<i>Astragalus montii</i>) | 11/6/1987 | 9/27/1995 | D | 2 | T | 8 | N/A | * |
| Milk-vetch, Holmgren (<i>Astragalus holmgreniorum</i>) | 9/28/2001 | 9/22/2006 | F | 31 | E | 5C | 4/21/2007 | No change to listed status |
| Milk-vetch, Jesup's (<i>Astragalus robbinsii</i> var. <i>iesupii</i>) | 6/5/1987 | 11/21/1989 | F | 13 | E | 6 | 9/11/2009 | No change to listed status |
| Milk-vetch, Lane Mountain (<i>Astragalus jaegerianus</i>) | 10/6/1998 | N/A | N/A | N/A | E | 5 | 5/20/2014 | No change to listed status |
| Milk-vetch, Mancos (<i>Astragalus humillimus</i>) | 6/27/1985 | 12/20/1989 | F | 13 | E | 5C | 8/22/2011 | No change to listed status |
| milkvetch, Osterhout (<i>Astragalus osterhoutii</i>) | 7/13/1989 | 9/30/1992 | F | 10 | E | 8C | N/A | * |
| Milk-vetch, Peirson's (<i>Astragalus magdalenae</i> var. <i>peirsonii</i>) | 10/6/1998 | N/A | N/A | N/A | T | 9 | 9/30/2008 | No change to listed status* |
| Milk-vetch, Sentry (<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>) | 12/5/1990 | 9/28/2006 | F | 22 | E | 6 | 4/22/2009 | No change to listed status* |
| Milk-vetch, Shivwits (<i>Astragalus ampullarioides</i>) | 9/28/2001 | 9/22/2006 | F | 33 | E | 5C | 4/21/2007 | No change to listed status |
| Milk-vetch, triple-ribbed (<i>Astragalus tricarlinatus</i>) | 10/6/1998 | N/A | N/A | N/A | E | 14 | 8/14/2009 | No change to listed status |
| Milk-vetch, Ventura Marsh (<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>) | 5/21/2001 | N/A | N/A | N/A | E | 6C | 6/1/2010 | No change to listed status |

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Recovery Data as of September 30, 2016

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Milkweed, Mead's (<i>Asclepias meadii</i>) | 9/1/1988 | 9/16/2003 | F | 25 | T | 8C | 11/28/2012 | No change to listed status |
| Milkweed, Welsh's (<i>Asclepias welshii</i>) | 10/28/1987 | 9/30/1992 | F | 13 | T | 11C | 12/11/2015 | No change to listed status |
| Mint, Garrett's (<i>Dicerandra christmanii</i>) | 11/1/1985 | 5/18/1999 | F | 22 | E | 2C | 9/3/2009 | No change to listed status |
| Mint, Lakela's (<i>Dicerandra immaculata</i>) | 5/15/1985 | 5/18/1999 | F | 25 | E | 2C | 9/25/2008 | No change to listed status |
| Mint, longspurred (<i>Dicerandra cornutissima</i>) | 11/1/1985 | 7/1/1987 | F | 16 | E | 2C | 9/10/2008 | No change to listed status* |
| Mint, scrub (<i>Dicerandra frutescens</i>) | 11/1/1985 | 5/18/1999 | F | 24 | E | 2 | 8/6/2009 | No change to listed status |
| Monardella, willow (<i>Monardella viminea</i>) | 10/13/1998 | N/A | N/A | N/A | E | 8 | 8/3/2012 | No change to listed status |
| Monkey-flower, Michigan (<i>Mimulus michiganensis</i>) | 6/21/1990 | 9/17/1997 | F | 17 | E | 9C | 5/18/2011 | No change to listed status |
| Monkeyflower, Vandenberg (<i>Mimulus fremontii</i> var. <i>vanderbergensis</i>) | 9/25/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| Monkshood, northern wild (<i>Aconitum noveboracense</i>) | 5/27/1978 | 9/23/1983 | F | 23 | T | 8 | N/A | * |
| Morning-glory, Stebbins' (<i>Calystegia stebbinsi</i>) | 10/18/1996 | 8/30/2002 | F | 15 | E | 5C | N/A | * |
| Mountain balm, Indian Knob (<i>Eriodictyon altissimum</i>) | 12/15/1994 | 9/28/1998 | F | 8 | E | 8 | 12/11/2013 | No change to listed status |
| Mountain-mahogany, Catalina Island (<i>Cercocarpus traskiae</i>) | 8/8/1997 | N/A | N/A | N/A | E | 8 | 9/24/2007 | No change to listed status* |
| Mustard, Carter's (<i>Warea carteri</i>) | 1/21/1987 | 5/18/1999 | F | 23 | E | 2 | 9/15/2008 | No change to listed status |
| Mustard, Penland alpine fen (<i>Eutrema penlandii</i>) | 7/28/1993 | N/A | N/A | N/A | T | 11C | N/A | * |
| Mustard, slender-petaled (<i>Thelypodium stenopetalum</i>) | 8/31/1984 | 7/31/1998 | F | 16 | E | 5C | 3/10/2011 | No change to listed status |
| Na'ena`e (<i>Dubautia herbastobatae</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 8 | 8/1/2013 | No change to listed status |
| Na'ena`e (<i>Dubautia imbricata imbricata</i>) | 5/13/2010 | N/A | N/A | N/A | E | 3 | N/A | * |

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Recovery Data as of September 30, 2016

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Na`ena`e (<i>Dubautia pauciflora</i>)</u> | 9/20/1991 | 5/31/1994 | F | 30 | E | 5 | 4/7/2009 | No change to listed status* |
| <u>Na`ena`e (<i>Dubautia plantaginea magnifolia</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 3 | N/A | * |
| <u>Na`ena`e (<i>Dubautia plantaginea ssp. humilis</i>)</u> | 9/3/1999 | 7/10/1999 | F | 19 | E | 8 | 6/2/2014 | No change to listed status* |
| <u>Na`ena`e (<i>Dubautia waialealae</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| <u>Naenae (<i>Dubautia kalalauensis</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Naenae (<i>Dubautia kenwoodii</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>Naniwai`ale`ale (<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>)</u> | 10/10/1996 | 9/20/1995 | F | 34 | E | 6 | 7/21/2009 | No change to listed status* |
| <u>Nanu (<i>Gardenia mannii</i>)</u> | 10/10/1996 | 8/10/1998 | F | 23 | E | 5 | 8/5/2013 | No change to listed status |
| <u>Naupaka, dwarf (<i>Scaevola coriacea</i>)</u> | 5/16/1986 | 7/29/1997 | F | 30 | E | 2 | 6/5/2014 | No change to listed status |
| <u>Navarretia, few-flowered (<i>Navarretia leucocephala ssp. pauciflora</i> (=N. <i>pauciflora</i>))</u> | 6/18/1997 | 12/15/2005 | F | 11 | E | 3 | 7/10/2008 | No change to listed status* |
| <u>Navarretia, many-flowered (<i>Navarretia leucocephala ssp. plieantha</i>)</u> | 6/18/1997 | 12/15/2005 | F | 11 | E | 3 | 2/4/2009 | No change to listed status* |
| <u>Navarretia, spreading (<i>Navarretia fossalis</i>)</u> | 10/13/1998 | 9/3/1998 | F | 11 | T | 8 | 8/10/2009 | No change to listed status* |
| <u>Nehe (<i>Lipochaeta fauriei</i>)</u> | 2/25/1994 | 9/20/1995 | F | 38 | E | 5 | 8/27/2010 | No change to listed status* |
| <u>Nehe (<i>Lipochaeta kamolensis</i>)</u> | 5/15/1992 | 7/29/1997 | F | 30 | E | 2 | 3/27/2014 | No change to listed status* |
| <u>Nehe (<i>Lipochaeta lobata</i> var. <i>leptophylla</i>)</u> | 10/29/1991 | 8/10/1998 | F | 20 | E | 3 | 8/2/2011 | No change to listed status |
| <u>Nehe (<i>Lipochaeta micrantha</i>)</u> | 2/25/1994 | 9/20/1995 | F | 8 | E | 8 | 8/28/2012 | No change to listed status* |
| <u>Nehe (<i>Lipochaeta waimeensis</i>)</u> | 2/25/1994 | 9/20/1995 | F | 37 | E | 2 | 8/27/2010 | No change to listed status* |
| <u>Nehe (<i>Melanthera tenuifolia</i>)</u> | 10/29/1991 | 8/10/1998 | F | 20 | E | 8 | 8/2/2011 | No change to listed status |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Nioi (<i>Eugenia koalaensis</i>)</u> | 3/28/1994 | 8/10/1998 | F | 20 | E | 5 | 8/19/2013 | No change to listed status |
| <u>Niterwort, Amargosa (<i>Nitrophila mohavensis</i>)</u> | 5/20/1985 | 9/28/1990 | F | 6 | E | 8 | 1/10/2008 | No change to listed status* |
| <u>No common name (<i>Abutilon eremitopetalum</i>)</u> | 9/20/1991 | 9/29/1995 | F | 38 | E | 2 | 3/11/2014 | No change to listed status* |
| <u>No common name (<i>Abutilon sandwicense</i>)</u> | 10/29/1991 | 8/10/1998 | F | 22 | E | 8 | 8/2/2011 | No change to listed status |
| <u>No common name (<i>Achyranthes mutica</i>)</u> | 10/10/1996 | 7/10/1999 | F | 17 | E | 2 | 6/25/2015 | No change to listed status |
| <u>No common name (<i>Agave egeriana</i>)</u> | 10/9/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>No common name (<i>Amaranthus brownii</i>)</u> | 8/21/1996 | 3/31/1998 | F | 19 | E | 5 | 8/28/2012 | No change to listed status* |
| <u>No common name (<i>Aristida chaseae</i>)</u> | 4/27/1993 | 7/31/1995 | F | 15 | E | 8C | 12/2/2010 | No change to listed status |
| <u>No common name (<i>Auerodendron pauciflorum</i>)</u> | 3/2/1994 | 9/29/1997 | F | 6 | E | 5 | 8/27/2011 | No change to listed status* |
| <u>No common name (<i>Bidens hillebrandiana</i> ssp. <i>hillebrandiana</i>)</u> | 11/29/2013 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| <u>No common name (<i>Bonamia menziesii</i>)</u> | 11/10/1994 | 7/10/1999 | F | 19 | E | 2 | 8/19/2013 | No change to listed status |
| <u>No common name (<i>Calyptranthes thomasiana</i>)</u> | 2/18/1994 | 9/30/1997 | F | 4 | E | 11 | 9/22/2013 | No change to listed status |
| <u>No common name (<i>Catesbaea melanocarpa</i>)</u> | 3/17/1999 | 8/18/2005 | F | 16 | E | 5 | 4/26/2011 | No change to listed status* |
| <u>No common name (<i>Chamaecrista alandulosa</i> var. <i>mirabilis</i>)</u> | 4/5/1990 | 5/12/1994 | F | 4 | E | 5 | 1/7/2015 | No change to listed status |
| <u>No common name (<i>Cordia bellonis</i>)</u> | 1/10/1997 | 10/1/1999 | F | 13 | E | 5 | N/A | * |
| <u>No common name (<i>Cranichis ricartii</i>)</u> | 11/29/1991 | 7/15/1996 | F | 5 | E | 11 | 6/16/2016 | No change to listed status |
| <u>No common name (<i>Cyanea proflua</i>)</u> | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>No common name (<i>Cyanea purpurellifolia</i>)</u> | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Cyperus fauriei</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 14 | 8/28/2012 | No change to listed status |
| No common name (<i>Cyperus pennatifolius</i>) | 11/10/1994 | 7/10/1999 | F | 18 | E | 5 | 7/30/2013 | No change to listed status |
| No common name (<i>Cyrtandra gracilis</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Cyrtandra nanawaleensis</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Cyrtandra wagneri</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Cyrtandra waiolani</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Daphnopsis hellerana</i>) | 6/23/1988 | 8/7/1992 | F | 11 | E | 5 | 7/19/2013 | No change to listed status |
| No common name (<i>Delissea rhytidosperma</i>) | 2/25/1994 | 9/20/1995 | F | 38 | E | 5 | 1/18/2008 | No change to listed status* |
| No common name (<i>Delissea undulata</i>) | 10/10/1996 | 9/26/1996 | F | 31 | E | 5 | 8/28/2012 | No change to listed status |
| No common name (<i>Dendrobium quamesense</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| No common name (<i>Eugenia bryanii</i>) | 11/2/2015 | N/A | N/A | N/A | E | 8 | N/A | Species listed <5 years |
| No common name (<i>Eugenia woodburyana</i>) | 9/9/1994 | 10/6/1998 | F | 18 | E | 8 | N/A | * |
| No common name (<i>Festuca malakaisensis</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Geocarpon minimum</i>) | 6/16/1987 | 7/26/1993 | F | 9 | T | 13 | 7/20/2016 | No change to listed status |
| No common name (<i>Gesneria pauciflora</i>) | 3/7/1995 | 10/6/1998 | F | 11 | T | 11 | 4/24/2013 | No change to listed status |
| No common name (<i>Gonocalyx concolor</i>) | 10/9/2014 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| No common name (<i>Gouania hillebrandii</i>) | 11/9/1984 | 7/16/1990 | F | 23 | E | 8 | 8/2/2011 | No change to listed status* |
| No common name (<i>Gouania meyenii</i>) | 10/29/1991 | 8/10/1998 | F | 20 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Gouania vitifolia</i>) | 6/27/1994 | 8/10/1998 | F | 20 | E | 5 | 8/28/2012 | No change to listed status |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>No common name (<i>Hesperomannia arborescens</i>)</u> | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/7/2013 | No change to listed status |
| <u>No common name (<i>Hesperomannia arbuscula</i>)</u> | 10/29/1991 | 8/10/1998 | F | 20 | E | 5 | 8/15/2013 | No change to listed status |
| <u>No common name (<i>Hesperomannia lydaeae</i>)</u> | 9/20/1991 | 5/31/1994 | F | 39 | E | 5 | 8/27/2010 | No change to listed status* |
| <u>No common name (<i>Ilex sintenisii</i>)</u> | 4/22/1992 | 7/31/1995 | F | 9 | E | 11 | 9/8/2015 | No change to listed status |
| <u>No common name (<i>Kadua degeneri</i>)</u> | 10/29/1991 | 8/10/1998 | F | 19 | E | 5 | 8/28/2012 | No change to listed status |
| <u>No common name (<i>Kadua parvula</i>)</u> | 10/29/1991 | 8/10/1998 | F | 21 | E | 5 | 8/12/2013 | No change to listed status |
| <u>No common name (<i>Kadua st.-johnii</i>)</u> | 9/30/1991 | 9/20/1995 | F | 33 | E | 5 | 7/21/2009 | No change to listed status* |
| <u>No common name (<i>Keysseria (=Lagenifera) erici</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| <u>No common name (<i>Keysseria (=Lagenifera) helenae</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| <u>No common name (<i>Lepanthes eltoroensis</i>)</u> | 11/29/1991 | 7/15/1996 | F | 5 | E | 8 | 8/24/2015 | No change to listed status |
| <u>No common name (<i>Leptocereus arantianus</i>)</u> | 2/26/1993 | 7/26/1995 | F | 15 | E | 2C | 1/19/2015 | No change to listed status |
| <u>No common name (<i>Lipochaeta venosa</i>)</u> | 11/29/1979 | 5/23/1994 | F | 9 | E | 5 | 8/28/2012 | No change to listed status |
| <u>No common name (<i>Lobelia koalauensis</i>)</u> | 10/10/1996 | 8/10/1998 | F | 22 | E | 6 | 8/19/2013 | No change to listed status |
| <u>No common name (<i>Lobelia monostachya</i>)</u> | 10/10/1996 | 8/10/1998 | F | 20 | E | 5 | 8/5/2013 | No change to listed status |
| <u>No common name (<i>Lobelia niitahuensis</i>)</u> | 10/29/1991 | 8/10/1998 | F | 23 | E | 5 | 8/2/2011 | No change to listed status* |
| <u>No common name (<i>Lobelia oahuensis</i>)</u> | 3/28/1994 | 8/10/1998 | F | 21 | E | 5 | 8/2/2011 | No change to listed status |
| <u>No common name (<i>Lyonia truncata</i> var. <i>proctorii</i>)</u> | 4/27/1993 | 7/31/1995 | F | 12 | E | 9 | 12/2/2010 | No change to listed status |
| <u>No common name (<i>Lysimachia filifolia</i>)</u> | 2/25/1994 | 9/20/1995 | F | 36 | E | 2 | 8/5/2013 | No change to listed status |
| <u>No common name (<i>Lysimachia imiki</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Lysimachia lydaatei</i>) | 5/15/1992 | 7/29/1997 | F | 30 | E | 2 | 8/2/2011 | No change to listed status* |
| No common name (<i>Lysimachia maxima</i>) | 10/10/1996 | 9/26/1996 | F | 18 | E | 5 | 3/31/2014 | No change to listed status* |
| No common name (<i>Lysimachia pendens</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Lysimachia scopulensis</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Lysimachia venosa</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Maesa walkeri</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| No common name (<i>Mitracarpus maxwelliae</i>) | 9/9/1994 | 10/6/1998 | F | 15 | E | 11 | 4/27/2011 | No change to listed status* |
| No common name (<i>Mitracarpus polycladus</i>) | 9/9/1994 | 10/6/1998 | F | 15 | E | 17 | 4/27/2011 | Reclassify to T* |
| No common name (<i>Myrcia paganii</i>) | 2/18/1994 | 9/29/1997 | F | 6 | E | 8 | 6/16/2016 | No change to listed status |
| No common name (<i>Neraudia anaulata</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 5 | 8/9/2013 | No change to listed status |
| No common name (<i>Neraudia ovata</i>) | 10/10/1996 | 9/26/1996 | F | 31 | E | 5 | 8/3/2015 | No change to listed status |
| No common name (<i>Neraudia sericea</i>) | 11/10/1994 | 7/10/1999 | F | 18 | E | 5 | 8/28/2012 | No change to listed status* |
| No common name (<i>Nervilia jacksoniae</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| No common name (<i>Nesoaenes rotensis</i>) | 4/8/2004 | 5/3/2007 | F | 4 | E | 2 | 8/28/2012 | No change to listed status* |
| No common name (<i>Osmoxylon mariannense</i>) | 4/8/2004 | 5/3/2007 | F | 4 | E | 2 | 8/28/2012 | No change to listed status* |
| No common name (<i>Phyllanthus saffordii</i>) | 11/2/2015 | N/A | N/A | N/A | E | 8 | N/A | Species listed <5 years |
| No common name (<i>Phyllostegia bracteata</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Phyllostegia floribunda</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Phyllostegia glabra</i> var. <i>lanaiensis</i>) | 9/20/1991 | 9/29/1995 | F | 34 | E | 6 | 8/28/2012 | No change to listed status* |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Phyllostegia halakalae</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Phyllostegia hirsuta</i>) | 10/10/1996 | 8/10/1998 | F | 20 | E | 5 | 8/7/2013 | No change to listed status |
| No common name (<i>Phyllostegia hispida</i>) | 3/17/2009 | 9/26/1996 | F | 23 | E | 5 | 6/2/2014 | No change to listed status* |
| No common name (<i>Phyllostegia kalaensis</i>) | 10/10/1996 | 8/10/1998 | F | 20 | E | 5 | 8/12/2013 | No change to listed status |
| No common name (<i>Phyllostegia knudsenii</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 5 | 6/2/2009 | No change to listed status* |
| No common name (<i>Phyllostegia mannii</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 5 | 8/2/2011 | No change to listed status* |
| No common name (<i>Phyllostegia mollis</i>) | 10/29/1991 | 8/10/1998 | F | 19 | E | 5 | 8/12/2013 | No change to listed status |
| No common name (<i>Phyllostegia parviflora</i>) | 10/10/1996 | 7/10/1999 | F | 20 | E | 5 | 8/6/2015 | No change to listed status |
| No common name (<i>Phyllostegia pilosa</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Phyllostegia renavans</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Phyllostegia velutina</i>) | 10/10/1996 | 9/26/1996 | F | 30 | E | 2 | 8/28/2012 | No change to listed status |
| No common name (<i>Phyllostegia waimeae</i>) | 2/25/1994 | 9/20/1995 | F | 37 | E | 5 | 1/18/2008 | No change to listed status* |
| No common name (<i>Phyllostegia warschaueri</i>) | 10/10/1996 | 9/26/1996 | F | 28 | E | 5 | 8/28/2012 | No change to listed status |
| No common name (<i>Phyllostegia wawrana</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 5 | 7/21/2009 | No change to listed status* |
| No common name (<i>Pittosporum halophilum</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Pittosporum hawaiiense</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Platanthera holochila</i>) | 10/10/1996 | 7/10/1999 | F | 19 | E | 5 | 3/31/2014 | No change to listed status |
| No common name (<i>Platydesma cornuta cornuta</i>) | 10/18/2012 | N/A | N/A | N/A | E | 6 | N/A | Species listed <5 years |
| No common name (<i>Platydesma cornuta decurrens</i>) | 10/18/2012 | N/A | N/A | N/A | E | 3 | N/A | Species listed <5 years |

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Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Platydesma remvil</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Poa siphonoglossa</i>) | 5/13/1992 | 9/20/1995 | F | 37 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Polyscias bisattenuata</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Polyscias flynnii</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Polyscias lydaatei</i>) | 10/18/2012 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Polyscias racemosa</i>) | 2/25/1994 | 9/20/1995 | F | 29 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Remya kauaiensis</i>) | 1/14/1991 | 9/20/1995 | F | 28 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Remya montgomeryi</i>) | 1/14/1991 | 9/20/1995 | F | 38 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Sanicula maritima</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 5 | 8/22/2013 | No change to listed status |
| No common name (<i>Sanicula purpurea</i>) | 10/10/1996 | 7/10/1999 | F | 18 | E | 5 | 8/2/2011 | No change to listed status |
| No common name (<i>Schiedea attenuata</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| No common name (<i>Schiedea diffusa</i> ssp. <i>macraei</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Schiedea haleakalensis</i>) | 5/15/1992 | 7/29/1997 | F | 30 | E | 2 | 9/20/2011 | No change to listed status |
| No common name (<i>Schiedea helleri</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 8/27/2010 | No change to listed status* |
| No common name (<i>Schiedea hookeri</i>) | 10/10/1996 | 7/10/1999 | F | 19 | E | 8 | 9/20/2011 | No change to listed status |
| No common name (<i>Schiedea jacobii</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Schiedea kaalae</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 2 | 8/13/2013 | No change to listed status |
| No common name (<i>Schiedea kauaiensis</i>) | 10/10/1996 | 9/20/1995 | F | 36 | E | 5 | 1/18/2008 | No change to listed status* |
| No common name (<i>Schiedea lauui</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |

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Recovery Data as of September 30, 2016

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Schiedea lydgatei</i>) | 10/8/1992 | 9/26/1996 | F | 18 | E | 8 | 9/20/2011 | No change to listed status* |
| No common name (<i>Schiedea membranacea</i>) | 10/10/1996 | 9/20/1995 | F | 35 | E | 5 | 8/27/2010 | No change to listed status(|
| No common name (<i>Schiedea nuttallii</i>) | 10/10/1996 | 7/10/1999 | F | 19 | E | 5 | 8/13/2013 | No change to listed status |
| No common name (<i>Schiedea obovata</i>) | 10/29/1991 | 8/10/1998 | F | 20 | E | 5 | 8/28/2012 | No change to listed status |
| No common name (<i>Schiedea salicaria</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| No common name (<i>Schiedea sarmentosa</i>) | 10/10/1996 | 9/26/1996 | F | 17 | E | 8 | 9/20/2011 | No change to listed status(|
| No common name (<i>Schiedea sperulina</i> var. <i>leiopoda</i>) | 2/25/1994 | 9/20/1995 | F | 37 | E | 6 | 8/27/2010 | No change to listed status* |
| No common name (<i>Schiedea sperulina</i> var. <i>sperulina</i>) | 2/25/1994 | 9/20/1995 | F | 27 | T | 6 | 8/27/2010 | No change to listed status* |
| No common name (<i>Schiedea trinervis</i>) | 10/29/1991 | 8/10/1998 | F | 20 | E | 5 | 8/13/2013 | No change to listed status |
| No common name (<i>Schiedea verticillata</i>) | 8/21/1996 | 3/31/1998 | F | 19 | E | 2 | 7/21/2009 | No change to listed status* |
| No common name (<i>Schiedea viscosa</i>) | 10/10/1996 | 9/20/1995 | F | 34 | E | 2 | 7/21/2009 | No change to listed status* |
| No common name (<i>Schoepfia arenaria</i>) | 4/19/1991 | 1/10/1992 | F | 9 | T | 11C | 7/18/2016 | No change to listed status |
| No common name (<i>Silene alexandri</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 5 | 3/31/2014 | No change to listed status* |
| No common name (<i>Silene hawaiiensis</i>) | 3/4/1994 | 9/26/1996 | F | 33 | T | 8 | 8/25/2015 | No change to listed status |
| No common name (<i>Silene lanceolata</i>) | 10/8/1992 | 9/26/1996 | F | 18 | E | 2 | 8/20/2015 | No change to listed status |
| No common name (<i>Silene perlmantii</i>) | 10/29/1991 | 8/10/1998 | F | 19 | E | 5 | 8/15/2013 | No change to listed status |
| No common name (<i>Spermolepis hawaiiensis</i>) | 11/10/1994 | 7/10/1999 | F | 19 | E | 5 | 8/20/2015 | No change to listed status |
| No common name (<i>Stenogyne angustifolia</i> <i>angustifolia</i>) | 11/29/1979 | 9/20/1993 | D | N/A | E | 2 | 8/28/2012 | No change to listed status |
| No common name (<i>Stenogyne bifida</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 2 | 6/5/2014 | No change to listed status* |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Stenogyne campanulata</i>) | 5/13/1992 | 9/20/1995 | F | 32 | E | 5 | 6/2/2009 | No change to listed status* |
| No common name (<i>Stenogyne cranwelliae</i>) | 11/29/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Stenogyne kanehoana</i>) | 5/13/1992 | 8/10/1998 | F | 20 | E | 5 | 8/15/2013 | No change to listed status |
| No common name (<i>Stenogyne kauaiensis</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Stenogyne kealiae</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| No common name (<i>Tabernaemontana rotensis</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| No common name (<i>Ternstroemia subsessilis</i>) | 4/22/1992 | 7/31/1995 | F | 9 | E | 5 | 9/8/2015 | No change to listed status |
| No common name (<i>Tetramolopium arenarium</i>) | 3/4/1994 | 9/26/1996 | F | 31 | E | 5 | 8/28/2012 | No change to listed status |
| No common name (<i>Tetramolopium filiforme</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 2 | 8/15/2013 | No change to listed status |
| No common name (<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i>) | 10/29/1991 | 8/10/1998 | F | 21 | E | 3 | 8/15/2013 | No change to listed status |
| No common name (<i>Tetramolopium remyi</i>) | 9/20/1991 | 9/29/1995 | F | 38 | E | 2 | 9/20/2011 | No change to listed status* |
| No common name (<i>Tetramolopium rockii</i>) | 10/8/1992 | 9/26/1996 | F | 18 | T | 14 | 9/20/2011 | No change to listed status* |
| No Common Name (<i>Tinospora homosepala</i>) | 11/2/2015 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| No common name (<i>Trematolobelia singularis</i>) | 10/10/1996 | 8/10/1998 | F | 21 | E | 5 | 8/15/2013 | No change to listed status |
| No common name (<i>Tuberolabium quamense</i>) | 11/2/2015 | N/A | N/A | N/A | T | 8 | N/A | Species listed <5 years |
| No common name (<i>Varronia rupicola</i>) | 10/9/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| No common name (<i>Vernonia proctorii</i>) | 4/27/1993 | 7/31/1995 | F | 14 | E | 11 | 12/2/2010 | No change to listed status |
| No common name (<i>Vigna o-wahuensis</i>) | 11/10/1994 | 7/10/1999 | F | 18 | E | 5 | 8/20/2015 | No change to listed status |
| No common name (<i>Viola helenae</i>) | 9/20/1991 | 5/31/1994 | F | 29 | E | 2 | 1/18/2008 | No change to listed status* |

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Recovery Data as of September 30, 2016

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Viola lanaiensis</i>) | 9/20/1991 | 9/29/1995 | F | 36 | E | 2 | 8/28/2012 | No change to listed status* |
| No common name (<i>Viola oahuensis</i>) | 10/10/1996 | 8/10/1998 | F | 20 | E | 5 | 9/20/2011 | No change to listed status |
| No common name (<i>Wikstroemia villosa</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| No common name (<i>Xylosma crenatum</i>) | 5/13/1992 | 9/20/1995 | F | 37 | E | 5 | 6/2/2009 | No change to listed status* |
| Nohoanu (<i>Geranium hanaense</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Nohoanu (<i>Geranium hillebrandii</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Nohoanu (<i>Geranium kauaiense</i>) | 5/13/2010 | N/A | N/A | N/A | E | 2 | N/A | * |
| Nohoanu (<i>Geranium multiflorum</i>) | 5/15/1992 | 7/29/1997 | F | 18 | E | 8 | 8/29/2011 | No change to listed status* |
| Nui, haha (<i>Cyanea horrida</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Oak, Hinckley (<i>Quercus hinckleyi</i>) | 8/26/1988 | 9/30/1992 | F | 1 | T | 8 | 9/2/2009 | No change to listed status |
| Oha (<i>Delissea subcordata</i>) | 10/10/1996 | 8/10/1998 | F | 23 | E | 5 | 8/1/2013 | No change to listed status |
| Ohai (<i>Sesbania tomentosa</i>) | 11/10/1994 | 7/10/1999 | F | 21 | E | 2 | 8/25/2015 | No change to listed status |
| Olulu (<i>Briqahamia insignis</i>) | 2/25/1994 | 9/20/1995 | F | 30 | E | 5 | 1/18/2008 | No change to listed status* |
| Onion, Munz's (<i>Allium munzii</i>) | 10/13/1998 | N/A | N/A | N/A | E | 8C | 9/5/2013 | No change to listed status |
| Opuhe (<i>Urera kaalae</i>) | 10/29/1991 | 8/10/1998 | F | 20 | E | 5 | 9/20/2011 | No change to listed status |
| Orchid, eastern prairie fringed (<i>Platanthera leucophaea</i>) | 9/28/1989 | 9/29/1999 | F | 13 | T | 8 | 8/10/2010 | No change to listed status |
| Orchid, western prairie fringed (<i>Platanthera praecleara</i>) | 9/28/1989 | 9/30/1996 | F | 28 | T | 8C | 4/27/2009 | No change to listed status* |
| Orcutt grass, California (<i>Orcuttia californica</i>) | 8/3/1993 | 9/3/1998 | F | 11 | E | 11C | 3/11/2011 | No change to listed status |
| Orcutt grass, hairy (<i>Orcuttia pilosa</i>) | 3/26/1997 | 12/15/2005 | F | 12 | E | 2C | 6/15/2009 | No change to listed status* |

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|--|-------------|------------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Orcutt grass, Sacramento (<i>Orcuttia viscida</i>) | 3/26/1997 | 12/15/2005 | F | 14 | E | 5C | 7/10/2008 | No change to listed status* |
| Orcutt grass, San Joaquin (<i>Orcuttia inaequalis</i>) | 3/26/1997 | 12/15/2005 | F | 13 | T | 8 | 8/7/2013 | No change to listed status |
| Orcutt grass, slender (<i>Orcuttia tenuis</i>) | 3/26/1997 | 12/15/2005 | F | 20 | T | 8 | 11/24/2009 | No change to listed status |
| Owl's-clover, fleshy (<i>Castilleja campestris</i> ssp. <i>succulenta</i>) | 3/26/1997 | 12/15/2005 | F | 14 | T | 9 | 9/8/2011 | No change to listed status |
| Oxytheca, cushenbury (<i>Oxytheca parishii</i> var. <i>goodmaniana</i>) | 8/24/1994 | 9/30/1997 | D | 7 | E | 9C | 8/13/2009 | No change to listed status* |
| Pajunio (<i>Astelia waialealae</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Paintbrush, ash-grey (<i>Castilleja cinerea</i>) | 10/14/1998 | N/A | N/A | N/A | T | 8 | 3/27/2013 | No change to listed status |
| Paintbrush, golden (<i>Castilleja levisecta</i>) | 6/11/1997 | 08-23-2000, 05-20-2010 | F | 36 | T | 2 | 1/31/2008 | No change to listed status |
| Paintbrush, soft-leaved (<i>Castilleja mollis</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 2 | 1/10/2008 | No change to listed status* |
| Paintbrush, Tiburon (<i>Castilleja affinis</i> ssp. <i>neglecta</i>) | 2/3/1995 | 9/30/1998 | F | 14 | E | 9C | 6/20/2012 | No change to listed status |
| Palo colorado (<i>Termstroemia luquillensis</i>) | 4/22/1992 | 7/31/1995 | F | 9 | E | 11 | 9/8/2015 | No change to listed status |
| Palo de jazmin (<i>Styrax portoricensis</i>) | 4/22/1992 | 7/31/1995 | F | 9 | E | 5 | 9/8/2015 | No change to listed status |
| Palo de nigua (<i>Cornutia obovata</i>) | 4/7/1988 | 8/7/1992 | F | 10 | E | 5 | 7/15/2014 | No change to listed status |
| Palo de ramon (<i>Banara vanderbiltii</i>) | 1/14/1987 | 3/15/1991 | F | 13 | E | 5 | 1/10/2014 | No change to listed status |
| Palo de rosa (<i>Ottoschulzia rhodoxylon</i>) | 4/10/1990 | 9/20/1994 | F | 12 | E | 8 | N/A | * |
| Pamakani (<i>Tetramolopium capillare</i>) | 9/30/1994 | 7/29/1997 | F | 26 | E | 2 | 8/28/2012 | No change to listed status* |
| Pamakani (<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>) | 10/29/1991 | 8/10/1998 | F | 20 | E | 3 | 8/15/2013 | No change to listed status |
| Panicgrass, Carter's (<i>Panicum fairiei</i> var. <i>carteri</i>) | 10/12/1983 | 5/23/1994 | D | N/A | E | 9 | 8/29/2011 | No change to listed status |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Papala (Charpentiera densiflora) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Paudedo (Hedyotis megalantha) | 11/2/2015 | N/A | N/A | N/A | E | 8 | N/A | Species listed <5 years |
| Pawpaw, beautiful (Deeringothamnus pulchellus) | 9/26/1986 | 5/18/1999 | F | 21 | E | 2 | 6/17/2009 | No change to listed status |
| Pawpaw, four-petal (Asimina tetramera) | 9/26/1986 | 5/18/1999 | F | 26 | E | 11 | 4/6/2009 | No change to listed status |
| Pawpaw, Rugei's (Deeringothamnus rugelii) | 9/26/1986 | 4/5/1988 | F | 10 | E | 2 | 9/25/2008 | No change to listed status* |
| Pelos del diablo (Aristida portoricensis) | 8/8/1990 | 5/16/1994 | F | 6 | E | 11C | 12/2/2010 | No change to listed status |
| Penny-cress, Kneeland Prairie (Thlaspi californicum) | 2/9/2000 | 8/14/2003 | F | 9 | E | 2C | 10/19/2011 | No change to listed status |
| Pennyroyal, Todsens (Hedeoma todsenii) | 1/19/1981 | 1/31/2001 | RF(2) | 16 | E | 8 | 8/22/2011 | No change to listed status |
| Penstemon, blowout (Penstemon haydenii) | 9/1/1987 | 7/17/1992 | F | 29 | E | 11C | 6/1/2012 | No change to listed status |
| Pentachaeta, Lyon's (Pentachaeta lyonii) | 1/29/1997 | 9/30/1999 | F | 5 | E | 11C | 9/30/2008 | No change to listed status* |
| Pentachaeta, white-rayed (Pentachaeta bellidiflora) | 2/3/1995 | 9/30/1998 | F | 14 | E | 8 | 8/10/2010 | No change to listed status |
| Peperomia, Wheeler's (Peperomia wheeleri) | 1/14/1987 | 11/26/1990 | F | 18 | E | 8 | 3/12/2014 | No change to listed status |
| Peppergrass, Slickspot (Lepidium papilliferum) | 9/16/2016 | N/A | N/A | N/A | T | 11C | N/A | Species listed <5 years |
| Phacelia, clay (Phacelia ariflloacea) | 10/29/1978 | 4/12/1982 | F | 10 | E | 2 | 8/19/2013 | No change to listed status |
| Phacelia, DeBeque (Phacelia submutica) | 8/26/2011 | N/A | N/A | N/A | T | 14C | N/A | Species listed <5 years |
| Phacelia, island (Phacelia insularis ssp. insularis) | 7/31/1997 | 9/26/2000 | F | 17 | E | 6 | 7/2/2008 | No change to listed status* |
| Phacelia, North Park (Phacelia formosula) | 9/1/1982 | 3/21/1986 | F | 19 | E | 8 | 2/1/2012 | No change to listed status |
| Phlox, Texas trailing (Phlox nivalis ssp. texensis) | 9/30/1991 | 3/28/1995 | F | 31 | E | 3 | N/A | * |
| Phlox, Yreka (Phlox hirsuta) | 2/3/2000 | 7/27/2006 | F | 12 | E | 2C | 9/24/2007 | No change to listed status* |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Pigeon wings (<i>Clitoria fragrans</i>) | 4/27/1993 | 5/18/1999 | F | 21 | T | 14 | 9/15/2008 | No change to listed status |
| Pilo (<i>He dyotis mannii</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 5 | 8/2/2011 | No change to listed status* |
| Pilo kea lau li'i (<i>Platydesma rostrata</i>) | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| Pink swamp (<i>Helonias bullata</i>) | 9/9/1988 | 9/30/1991 | F | 17 | T | 7C | 12/30/2014 | No change to listed status |
| Pinkroot gentian (<i>Spigelia gentianoides</i>) | 11/26/1990 | 1/24/2012 | F | 9 | E | 2 | 1/21/2009 | No change to listed status* |
| Piperia, Yadon's (<i>Piperia yadonii</i>) | 8/12/1998 | 8/19/2004 | F | 7 | E | 2C | 8/17/2009 | No change to listed status |
| Pitava, Davis' green (<i>Echinocereus viridiflorus</i> var. <i>davisii</i>) | 12/8/1979 | 9/20/1984 | F | N/A | E | 3 | 2/10/2012 | No change to listed status |
| Pitcher-plant, Alabama canebrake (<i>Sarracenia rubra</i> ssp. <i>alabamensis</i>) | 3/10/1989 | 10/8/1992 | F | 10 | E | 6 | 1/2/2012 | No change to listed status |
| Pitcher-plant, green (<i>Sarracenia oreophila</i>) | 10/21/1979 | 12/12/1994 | RF(2) | 15 | E | 8 | 4/1/2014 | No change to listed status |
| Pitcher-plant, mountain sweet (<i>Sarracenia rubra</i> ssp. <i>jonesii</i>) | 9/30/1988 | 8/13/1990 | F | 15 | E | 3C | 5/21/2013 | No change to listed status |
| Plum, scrub (<i>Prunus geniculata</i>) | 1/21/1987 | 6/20/1996 | RF(1) | 22 | E | 2 | 5/19/2009 | No change to listed status* |
| Po'e (<i>Portulaca sclerocarpa</i>) | 3/4/1994 | 9/26/1996 | F | 33 | E | 2 | 8/28/2012 | No change to listed status |
| Pogonia, small whorled (<i>Isotria medeoloides</i>) | 9/9/1982 | 11/13/1992 | RF(1) | 22 | T | 14 | 9/30/2008 | No change to listed status |
| Polygala, Lewton's (<i>Polygala lewtonii</i>) | 4/27/1993 | 5/18/1999 | F | 17 | E | 8 | 8/5/2010 | No change to listed status |
| Polygala, tiny (<i>Polygala smallii</i>) | 7/18/1985 | 5/18/1999 | F | 15 | E | 5C | 6/7/2010 | No change to listed status |
| Polygonum, Scotts Valley (<i>Polygonum hickmanii</i>) | 4/8/2003 | N/A | N/A | N/A | E | 5 | 11/12/2009 | No change to listed status |
| Pondberry (<i>Lindera melissifolia</i>) | 7/31/1986 | 9/23/1993 | F | 25 | E | 8C | 3/3/2014 | No change to listed status |
| Pondweed, Little Aguja (=Creek) (<i>Potamogeton clystocarpus</i>) | 11/14/1991 | 6/20/1994 | F | 1 | E | 5 | N/A | * |

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|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| popcornflower, rough (<i>Plagiobothrys hirtus</i>) | 1/25/2000 | 9/25/2003 | F | 22 | E | 2C | 8/11/2010 | No change to listed status* |
| Popolo (<i>Cyanea solanacea</i>) | 6/27/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Popolo ku mai (<i>Solanum incompletum</i>) | 11/10/1994 | 7/10/1999 | F | 19 | E | 5 | 8/6/2015 | No change to listed status |
| Poppy, Sacramento prickly (<i>Argemone pleiacantha ssp. pinnatisecta</i>) | 8/24/1989 | 8/31/1994 | F | 29 | E | 5C | 8/29/2013 | No change to listed status |
| Poppy-mallow, Texas (<i>Callirhoe scabriuscula</i>) | 1/13/1981 | 3/29/1985 | F | 6 | E | 5C | N/A | * |
| Potato-bean, Price's (<i>Apios priceana</i>) | 1/5/1990 | 2/10/1993 | F | 17 | T | 8 | 9/2/2016 | No change to listed status |
| Potentilla, Hickman's (<i>Potentilla hickmanii</i>) | 8/12/1998 | 8/19/2004 | F | 8 | E | 5C | 2/4/2009 | No change to listed status* |
| Prairie-clover, leafy (<i>Dalea foliosa</i>) | 5/1/1991 | 9/30/1996 | F | 15 | E | 5 | 6/4/2015 | No change to listed status |
| Prickly-apple, aboriginal (<i>Harrisia (=Cereus) aboriginum (=aracilis)</i>) | 11/25/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| Prickly-apple, fragrant (<i>Cereus eriophorus var. fragrans</i>) | 11/1/1985 | 5/18/1999 | F | 27 | E | 3 | 6/24/2010 | No change to listed status |
| Prickly-ash, St. Thomas (<i>Zanthoxylum thomsonianum</i>) | 12/20/1985 | 4/5/1988 | F | 9 | E | 5C | 8/28/2015 | No change to listed status |
| Primrose, Maguire (<i>Primula maguirei</i>) | 8/21/1985 | 9/27/1990 | F | 8 | T | 15 | 8/18/2011 | No change to listed status |
| Puka'a (<i>Cyperus trachysanthos</i>) | 10/10/1996 | 7/10/1999 | F | 18 | E | 5 | 8/19/2013 | No change to listed status |
| Pua'ala (<i>Brighamia rockii</i>) | 10/8/1992 | 9/26/1996 | F | 19 | E | 2 | 3/11/2014 | No change to listed status* |
| Pussypaws, Mariposa (<i>Calyptidium pulchellum</i>) | 10/14/1998 | N/A | N/A | N/A | T | 8 | 1/10/2008 | No change to listed status* |
| Ragwort, San Francisco Peaks (<i>Packera franciscana</i>) | 11/22/1983 | 10/5/1987 | F | 7 | T | 8 | 10/22/2010 | No change to listed status |
| Rattleweed, hairy (<i>Baptisia arachnifera</i>) | 5/27/1978 | 3/19/1984 | F | 16 | E | 5 | 12/1/2011 | No change to listed status |
| Reedgrass, Hillebrand's (<i>Calamagrostis hillebrandii</i>) | 6/27/2013 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Reed-mustard, Barneby (<i>Schoenocrambe barnebyi</i>) | 1/14/1992 | 9/14/1994 | F | 5 | E | 17 | 8/16/2011 | No change to listed status |
| Reed-mustard, clay (<i>Schoenocrambe argillacea</i>) | 1/14/1992 | 9/14/1994 | F | 5 | T | 11C | 7/11/2011 | No change to listed status |
| Reed-mustard, shrubby (<i>Schoenocrambe suffrutescens</i>) | 10/6/1987 | 9/14/1994 | F | 6 | E | 5C | 11/8/2010 | No change to listed status |
| Remya, Maui (<i>Remya mauensis</i>) | 1/14/1991 | 7/29/1997 | F | 30 | E | 5 | 6/5/2014 | No change to listed status* |
| Rhododendron, Chapman (<i>Rhododendron chapmanii</i>) | 5/23/1979 | 9/8/1983 | F | 15 | E | 8C | 4/13/2010 | No change to listed status |
| Ridge-cress, Barneby (<i>Lepidium barnebyanum</i>) | 9/28/1990 | 7/23/1993 | F | 4 | E | 11C | 8/4/2011 | No change to listed status |
| Rock cress, Shale barren (<i>Arabis serotina</i>) | 7/13/1989 | 8/15/1991 | F | 9 | E | 11 | 11/18/2010 | No change to listed status |
| Rock-cress, Braun's (<i>Arabis perstellata</i>) | 1/3/1995 | 7/22/1997 | F | 11 | E | 5 | 5/28/2010 | No change to listed status |
| Rockcress, Georgia (<i>Arabis georgiana</i>) | 10/14/2014 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Rock-cress, Hoffmann's (<i>Arabis hoffmannii</i>) | 7/31/1997 | 9/26/2000 | F | 17 | E | 5 | 11/16/2011 | No change to listed status |
| Rock-cress, McDonald's (<i>Arabis macdonaldiana</i>) | 9/29/1978 | 2/28/1984 | F | 11 | E | 14C | 5/13/2013 | No change to listed status |
| Rockcress, Santa Cruz Island (<i>Sibara filifolia</i>) | 8/8/1997 | N/A | N/A | N/A | E | 11 | 4/25/2012 | No change to listed status |
| Rose-mallow, Neches River (<i>Hibiscus dasycalyx</i>) | 10/11/2013 | N/A | N/A | N/A | T | UNK | N/A | Species listed <5 years |
| Rosemary, Apalachicola (<i>Conradina alabra</i>) | 7/12/1993 | 9/27/1994 | F | 8 | E | 8 | 7/7/2009 | No change to listed status* |
| Rosemary, Cumberland (<i>Conradina verticillata</i>) | 11/29/1991 | 7/12/1996 | F | 7 | T | 8 | 6/6/2011 | No change to listed status |
| Rosemary, Etonia (<i>Conradina etonia</i>) | 7/12/1993 | 9/27/1994 | F | 8 | E | 8C | 6/4/2007 | Reclassify to T* |
| Rosemary, short-leaved (<i>Conradina brevifolia</i>) | 7/12/1993 | 5/18/1999 | F | 17 | E | 8C | 8/8/2008 | No change to listed status |
| Roseroot, Leedy's (<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>) | 4/22/1992 | 9/25/1998 | F | 5 | T | 9 | N/A | * |
| Rush-pea, slender (<i>Hoffmannseggia tenella</i>) | 11/1/1985 | 9/13/1988 | F | 15 | E | 2 | 7/11/2008 | No change to listed status* |

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|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Rush-rose, island (<i>Helianthemum greenii</i>) | 7/31/1997 | 9/26/2000 | F | 16 | T | 14 | 6/4/2010 | No change to listed status |
| Sandalwood, Lanai (=ilihi) (<i>Santalum freycinetianum</i> var. <i>lanaiense</i>) | 1/24/1986 | 9/29/1995 | F | 41 | E | 3 | 9/20/2011 | No change to listed status* |
| Sandlance (<i>Polygonella myriophylla</i>) | 4/27/1993 | 5/18/1999 | F | 21 | E | 8 | 8/26/2010 | No change to listed status |
| Sand-verbena, large-fruited (<i>Abronia macrocarpa</i>) | 9/28/1988 | 9/30/1992 | F | 3 | E | 8 | 11/19/2010 | No change to listed status |
| Sandwort, Bear Valley (<i>Arenaria ursina</i>) | 10/14/1998 | N/A | N/A | N/A | T | 8 | 8/14/2015 | No change to listed status |
| Sandwort, Cumberland (<i>Arenaria cumberlandensis</i>) | 6/23/1988 | 6/20/1996 | F | 15 | E | 8 | 12/23/2013 | Reclassify to T |
| Sandwort, Marsh (<i>Arenaria paludicola</i>) | 8/3/1993 | 9/28/1998 | F | 17 | E | 2 | 7/10/2008 | No change to listed status* |
| Schiedea, Diamond Head (<i>Schiedea adamantis</i>) | 2/17/1984 | 2/2/1994 | F | 22 | E | 5 | 8/19/2013 | No change to listed status |
| Seablite, California (<i>Suaeda californica</i>) | 12/15/1994 | 8/27/2013 | F | 35 | E | 8 | 2/9/2010 | No change to listed status |
| Sedge, golden (<i>Carex lutea</i>) | 1/23/2002 | 3/28/2014 | F | 14 | E | 8 | 8/24/2015 | No change to listed status |
| Sedge, Navajo (<i>Carex specuicola</i>) | 5/8/1985 | 9/24/1987 | F | 4 | T | 8 | 8/26/2014 | No change to listed status |
| Sedge, white (<i>Carex albida</i>) | 10/22/1997 | N/A | N/A | N/A | E | 5C | 8/17/2009 | No change to listed status* |
| Silversword, Mauna Loa (=Ka'u) (<i>Argyroxiphium kauense</i>) | 4/7/1993 | 11/21/1995 | F | 41 | E | 2 | 6/23/2015 | No change to listed status |
| Skullcap, Florida (<i>Scutellaria floridana</i>) | 5/8/1992 | 6/22/1994 | F | 6 | T | 2C | 6/11/2009 | No change to listed status |
| Skullcap, large-flowered (<i>Scutellaria montana</i>) | 6/20/1986 | 5/15/1996 | F | 8 | T | 14 | 1/8/2015 | No change to listed status |
| Skyrocket, Pagosa (<i>Ipomopsis polyantha</i>) | 8/26/2011 | N/A | N/A | N/A | E | 8C | N/A | Species listed <5 years |
| Snakeroot (<i>Ervatium cuneifolium</i>) | 1/21/1987 | 5/18/1999 | F | 21 | E | 2 | 7/7/2010 | No change to listed status |
| Sneezeweed, Virginia (<i>Helenium virginicum</i>) | 11/3/1998 | 10/2/2000 | D | N/A | T | 2 | N/A | * |

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| <u>Snowbells, Texas (<i>Styrax texanus</i>)</u> | 10/12/1984 | 7/31/1987 | F | 12 | E | 3 | 9/12/2008 | No change to listed status* |
| <u>Spineflower, Ben Lomond (<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>)</u> | 2/4/1994 | 9/28/1998 | F | 18 | E | 9 | 1/20/2012 | No change to listed status |
| <u>Spineflower, Howell's (<i>Chorizanthe howellii</i>)</u> | 6/22/1992 | 9/29/1998 | F | 11 | E | 8 | 12/6/2011 | No change to listed status |
| <u>Spineflower, Monterey (<i>Chorizanthe pungens</i> var. <i>pungens</i>)</u> | 2/4/1994 | 9/29/1998 | F | 10 | T | 15 | 2/4/2009 | No change to listed status* |
| <u>Spineflower, Orcutt's (<i>Chorizanthe orcuttiana</i>)</u> | 10/7/1996 | N/A | N/A | N/A | E | 5 | 6/26/2014 | No change to listed status |
| <u>Spineflower, Robust (<i>Chorizanthe robusta</i> var. <i>robusta</i>)</u> | 2/4/1994 | 12/20/2004 | F | 12 | E | 9 | 2/9/2010 | No change to listed status |
| <u>Spineflower, Scotts Valley (<i>Chorizanthe robusta</i> var. <i>hartwegii</i>)</u> | 2/4/1994 | 9/28/1998 | F | 14 | E | 3 | 11/12/2009 | No change to listed status |
| <u>Spineflower, slender-horned (<i>Dodecachaema leptoceras</i>)</u> | 9/28/1987 | N/A | N/A | N/A | E | 7C | 10/1/2010 | No change to listed status |
| <u>Spineflower, Sonoma (<i>Chorizanthe valida</i>)</u> | 6/22/1992 | 9/29/1998 | F | 8 | E | 5 | 7/28/2010 | No change to listed status |
| <u>Spiraea, Virginia (<i>Spiraea virginiana</i>)</u> | 6/15/1990 | 11/13/1992 | F | 12 | T | 8 | 8/29/2008 | No change to listed status |
| <u>Spurge, deltoide (<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i>)</u> | 7/18/1985 | 5/18/1999 | F | 14 | E | 6C | 6/15/2010 | No change to listed status |
| <u>Spurge, Garber's (<i>Chamaesyce garberii</i>)</u> | 7/18/1985 | 5/18/1999 | F | 7 | T | 8 | 9/6/2007 | No change to listed status* |
| <u>Spurge, Hoover's (<i>Chamaesyce hooveri</i>)</u> | 3/26/1997 | 12/15/2005 | F | 11 | T | 8C | 2/4/2009 | No change to listed status* |
| <u>Spurge, telephus (<i>Euphorbia telephoides</i>)</u> | 5/8/1992 | 6/22/1994 | F | 5 | T | 2C | 1/22/2015 | No change to listed status |
| <u>Stickseed, showy (<i>Hackelia venusta</i>)</u> | 2/6/2002 | 12/12/2007 | F | 15 | E | 5 | 9/30/2011 | No change to listed status |
| <u>Stoncrop, Lake County (<i>Parvisedum leiocarpum</i>)</u> | 6/18/1997 | 12/15/2005 | F | 10 | E | 2C | 6/15/2009 | No change to listed status* |
| <u>Sumac, Michaux's (<i>Rhus michauxii</i>)</u> | 9/28/1989 | 4/30/1993 | F | 16 | E | 2 | 9/1/2014 | No change to listed status |
| <u>Sunburst, Hartweg's golden (<i>Pseudobahia bahiifolia</i>)</u> | 2/6/1997 | N/A | N/A | N/A | E | 5C | 1/10/2008 | No change to listed status* |

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| Sunburst, San Joaquin adobe (<i>Pseudobahia peirsonii</i>) | 2/6/1997 | N/A | N/A | N/A | T | 2 | 1/10/2008 | No change to listed status* |
| Sunflower, Pecos (=puzzle, =paradox) (<i>Helianthus paradoxus</i>) | 10/20/1999 | 9/15/2005 | F | 23 | T | 8 | 8/26/2015 | No change to listed status |
| Sunflower, San Mateo woolly (<i>Eriophyllum latilobum</i>) | 2/3/1995 | 9/30/1998 | F | 10 | E | 11 | 9/8/2011 | No change to listed status |
| Sunflower, Schweinitz's (<i>Helianthus schweinitzii</i>) | 5/7/1991 | 4/22/1994 | F | 11 | E | 2C | 8/24/2010 | No change to listed status |
| Sunflower, whorled (<i>Helianthus verticillatus</i>) | 8/1/2014 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| Sunray, Ash Meadows (<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>) | 5/20/1985 | 9/28/1990 | F | 6 | T | 9 | 9/14/2011 | No change to listed status |
| Sunshine, Sonoma (<i>Blennosperma bakeri</i>) | 12/2/1991 | 5/31/2016 | F | 3 | E | 5C | 9/30/2008 | No change to listed status* |
| Taraxacum, California (<i>Taraxacum californicum</i>) | 10/14/1998 | N/A | N/A | N/A | E | 5 | 8/23/2013 | No change to listed status |
| Tarplant, Gaviota (<i>Deinandra increscens</i> ssp. <i>villosa</i>) | 3/20/2000 | N/A | N/A | N/A | E | 12 | 8/10/2011 | No change to listed status |
| Tarplant, Otay (<i>Deinandra</i> (=Hemizonia) <i>conjugens</i>) | 10/13/1998 | 12/7/2004 | F | 13 | T | 8C | 6/30/2009 | No change to listed status* |
| Tarplant, Santa Cruz (<i>Holocarpha macradenia</i>) | 3/20/2000 | N/A | N/A | N/A | T | 11 | 2/25/2014 | No change to listed status |
| Thelypod, Howell's spectacular (<i>Thelypodium howellii spectabilis</i>) | 5/26/1999 | 6/3/2002 | F | 21 | T | 8 | 6/22/2010 | No change to listed status* |
| Thistle, Chorro Creek bog (<i>Cirsium fontinale</i> var. <i>obispoense</i>) | 12/15/1994 | 9/28/1998 | F | 6 | E | 9 | 6/18/2014 | No change to listed status |
| Thistle, fountain (<i>Cirsium fontinale</i> var. <i>fontinale</i>) | 2/3/1995 | 9/30/1998 | F | 18 | E | 6C | 8/10/2010 | No change to listed status |
| Thistle, La Graciosa (<i>Cirsium lancholepis</i>) | 3/20/2000 | N/A | N/A | N/A | E | 2 | 3/16/2011 | No change to listed status |
| Thistle, Loch Lomond coyote (<i>Eryngium constancei</i>) | 8/1/1985 | 12/15/2005 | F | 10 | E | 8C | 8/17/2009 | No change to listed status* |
| Thistle, Pitcher's (<i>Cirsium pitcheri</i>) | 7/18/1988 | 9/20/2002 | F | 27 | T | 8C | 2/5/2010 | No change to listed status* |
| Thistle, Sacramento Mountains (<i>Cirsium vinaceum</i>) | 6/16/1987 | 9/27/1993 | F | 12 | T | 2C | 8/20/2010 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Thistle, Suisun (<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>)</u> | 11/20/1997 | 8/27/2013 | F | 33 | E | 3C | 2/11/2009 | No change to listed status* |
| <u>Thornmint, San Diego (<i>Acanthomintha ilicifolia</i>)</u> | 10/13/1998 | N/A | N/A | N/A | T | 8 | 8/12/2009 | No change to listed status* |
| <u>Thornmint, San Mateo (<i>Acanthomintha obovata</i> ssp. <i>duttonii</i>)</u> | 9/18/1985 | 9/30/1998 | F | 13 | E | 6C | 8/10/2010 | No change to listed status |
| <u>Thoroughwort, Cape Sable (<i>Chromolaena frustrata</i>)</u> | 11/25/2013 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Townsendia, Last Chance (<i>Townsendia aprica</i>)</u> | 8/21/1985 | 8/20/1993 | F | 7 | T | 5C | 8/22/2013 | No change to listed status |
| <u>Trillium, persistent (<i>Trillium persistens</i>)</u> | 5/27/1978 | 3/27/1984 | F | 13 | E | 8 | 10/16/2011 | No change to listed status |
| <u>Trillium, relict (<i>Trillium reliquum</i>)</u> | 4/4/1988 | 1/31/1991 | F | 12 | E | 8C | 1/19/2015 | No change to listed status |
| <u>Tuctoria, Greene's (<i>Tuctoria greenii</i>)</u> | 3/26/1997 | 12/15/2005 | F | 15 | E | 2C | 1/10/2008 | No change to listed status* |
| <u>Twinpod, Dudley Bluffs (<i>Physaria obovata</i>)</u> | 2/6/1990 | 8/13/1993 | F | 15 | T | 8C | 6/20/2008 | No change to listed status |
| <u>Ufa-halomtano (<i>Heritiera longipetiolata</i>)</u> | 11/2/2015 | N/A | N/A | N/A | E | 5 | N/A | Species listed <5 years |
| <u>Uhiuhi (<i>Mezoneuron kavaense</i>)</u> | 7/8/1986 | 5/6/1994 | F | 54 | E | 5 | 7/21/2015 | No change to listed status |
| <u>Uvilla (<i>Eugenia haematocarpa</i>)</u> | 11/25/1994 | 9/11/1998 | F | 10 | E | 8 | 6/29/2014 | No change to listed status |
| <u>Vervain, Red Hills (<i>Verbena californica</i>)</u> | 10/14/1998 | N/A | N/A | N/A | T | 14 | 6/20/2012 | No change to listed status |
| <u>Vetch, Hawaiian (<i>Vicia menziesii</i>)</u> | 5/27/1978 | 5/18/1984 | F | 22 | E | 2C | 8/28/2012 | No change to listed status |
| <u>Wahane (<i>Pritchardia aylmer-robinsonii</i>)</u> | 8/7/1996 | Exempt | Exempt | Exempt | E | 5 | 8/29/2011 | No change to listed status |
| <u>Wallflower, Ben Lomond (<i>Erysimum teretifolium</i>)</u> | 2/4/1994 | 9/28/1998 | F | 18 | E | 5 | 7/10/2008 | No change to listed status* |
| <u>Wallflower, Contra Costa (<i>Erysimum capitatum</i> var. <i>anaustatum</i>)</u> | 5/27/1978 | 4/25/1984 | RF(1) | 20 | E | 3 | 7/10/2008 | No change to listed status* |
| <u>Wallflower, Menzies' (<i>Erysimum menziesii</i>)</u> | 6/22/1992 | 9/29/1998 | F | 12 | E | 2C | 7/10/2008 | No change to listed status* |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Walnut (=Nogal), West Indian (<i>Juglans jamaicensis</i>) | 1/13/1997 | 12/9/1999 | F | 11 | E | 5 | 3/28/2013 | No change to listed status |
| Warea, wide-leaf (<i>Warea amplexifolia</i>) | 4/29/1987 | 2/17/1993 | F | 14 | E | 2C | 9/17/2007 | No change to listed status* |
| Watercress, Gambel's (<i>Rorippa gambellii</i>) | 8/3/1993 | 9/28/1998 | F | 17 | E | 5 | 11/7/2011 | No change to listed status |
| Water-plantain, Kral's (<i>Sagittaria secundifolia</i>) | 4/13/1990 | 8/12/1991 | F | 6 | T | 8 | 5/29/2014 | No change to listed status |
| Water-umbel, Huachuca (<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>) | 1/6/1997 | N/A | N/A | N/A | E | 3C | 8/21/2014 | No change to listed status |
| Water-willow, Coolev's (<i>Justicia coolevi</i>) | 7/27/1989 | 6/20/1994 | F | 4 | E | 8 | 7/14/2010 | No change to listed status |
| Whitlow-wort, papery (<i>Paronychia chartacea</i>) | 1/21/1987 | 5/18/1999 | F | 17 | T | 8 | 9/28/2008 | No change to listed status |
| Wild buckwheat, clay-loving (<i>Eriogonum pelinophilum</i>) | 7/13/1984 | 11/10/1988 | F | 10 | E | 8C | 9/30/2009 | No change to listed status |
| Wild coffee, Oahu (=kopiko) (<i>Psychotria hexandra</i> ssp. <i>oahuensis</i>) | 10/18/2012 | N/A | N/A | N/A | E | 3 | N/A | Species listed <5 years |
| Wild-buckwheat, gypsum (<i>Eriogonum gypsophilum</i>) | 1/19/1981 | 3/30/1984 | F | 8 | T | 14 | 11/9/2007 | Delist due to recovery |
| Wild-buckwheat, southern mountain (<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>) | 10/14/1998 | N/A | N/A | N/A | T | 9 | 5/8/2015 | No change to listed status |
| Wild-rice, Texas (<i>Zizania texana</i>) | 5/27/1978 | 2/14/1996 | RF(1) | 27 | E | 2C | N/A | * |
| Wire-lettuce, Malheur (<i>Stephanomeria malheurensis</i>) | 11/10/1982 | 3/21/1991 | F | 30 | E | 2 | 9/20/2011 | No change to listed status |
| Wireweed (<i>Polygonella basiramia</i>) | 1/21/1987 | 5/18/1999 | F | 22 | E | 2 | 9/7/2010 | No change to listed status |
| Woodland-star, San Clemente Island (<i>Lithophragma maximum</i>) | 8/8/1997 | 1/26/1984 | F | 26 | E | 2 | 9/24/2007 | No change to listed status* |
| Woolly-star, Santa Ana River (<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>) | 9/28/1987 | N/A | N/A | N/A | E | 6C | 10/29/2010 | No change to listed status |
| Woolly-threads, San Joaquin (<i>Monolopia (=Lembertia) condonii</i>) | 7/19/1990 | 9/30/1998 | F | 18 | E | 2 | 6/28/2010 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|--|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Yellowhead_desert (Yermo_xanthocephalus) | 3/14/2002 | N/A | N/A | N/A | T | 13 | 10/24/2012 | No change to listed status |
| Yerba_santa_Lompoc (Eriodictyon_capitatum) | 3/20/2000 | N/A | N/A | N/A | E | 11 | 2/8/2011 | No change to listed status |
| Ziziphus_Florida (Ziziphus_celata) | 7/27/1989 | 5/18/1999 | F | 29 | E | 5 | 8/27/2009 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

² 5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 12. Species, recovery plan, and recovery status information for listed ferns and allies.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| <u>Aumakua, Palapalai (<i>Dryopteris crinalis</i> var. <i>podosorus</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 6 | N/A | * |
| <u>Diellia, Asplenium-leaved (<i>Diellia erecta</i>)</u> | 11/10/1994 | 7/10/1999 | F | 18 | E | 5 | 8/20/2015 | No change to listed status |
| <u>Fern, Alabama streak-sorus (<i>Thelypteris pilosa</i> var. <i>alabamensis</i>)</u> | 7/8/1992 | 10/25/1996 | F | 2 | T | 9 | 3/31/2014 | No change to listed status |
| <u>Fern, Aleutian shield (<i>Polystichum aleuticum</i>)</u> | 2/17/1988 | 9/30/1992 | F | 8 | E | 8 | 9/26/2007 | No change to listed status |
| <u>Fern, American hart's-tongue (<i>Asplenium scolopendrium</i> var. <i>americanum</i>)</u> | 7/14/1989 | 9/15/1993 | F | 15 | T | 9 | 10/31/2012 | No change to listed status |
| <u>Fern, Elfin tree (<i>Cyathea dryopteroides</i>)</u> | 6/16/1987 | 1/31/1991 | F | 4 | E | 5 | 9/1/2013 | No change to listed status |
| <u>Fern, Florida bristle (<i>Trichomanes punctatum</i> ssp. <i>floridanum</i>)</u> | 11/5/2015 | N/A | N/A | N/A | E | UNK | N/A | Species listed <5 years |
| <u>Fern, pendant kiki (<i>Adenophorus periens</i>)</u> | 11/10/1994 | 7/10/1999 | F | 19 | E | 5 | 6/30/2015 | No change to listed status |
| <u>Ihii'ihii (<i>Marsilea villosa</i>)</u> | 6/22/1992 | 4/18/1996 | F | 40 | E | 8 | 8/29/2011 | No change to listed status |
| <u>No common name (<i>Adiantum vivesii</i>)</u> | 6/9/1993 | 1/17/1995 | F | 9 | E | 17 | 6/10/2008 | Delist due to error |
| <u>No common name (<i>Asplenium dieffenbachii</i>)</u> | 10/29/1991 | 8/10/1998 | F | 21 | E | 8 | 8/2/2011 | No change to listed status |
| <u>No common name (<i>Asplenium dieimannii</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |
| <u>No common name (<i>Asplenium diepallidum</i>)</u> | 2/25/1994 | 9/20/1995 | F | 37 | E | 5 | 1/18/2008 | No change to listed status* |
| <u>No common name (<i>Asplenium fragile insulare</i>)</u> | 9/26/1994 | 4/10/1998 | F | 18 | E | 6 | 8/28/2012 | No change to listed status |
| <u>No common name (<i>Asplenium unisorum</i>)</u> | 6/27/1994 | 8/10/1998 | F | 20 | E | 11 | 8/2/2011 | No change to listed status |
| <u>No common name (<i>Diplazium molokaiense</i>)</u> | 9/26/1994 | 4/10/1998 | F | 18 | E | 5 | 3/12/2014 | No change to listed status |
| <u>No common name (<i>Donyopteris angelica</i>)</u> | 5/13/2010 | N/A | N/A | N/A | E | 5 | N/A | * |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| No common name (<i>Doryopteris takeuchii</i>) | 10/18/2012 | N/A | N/A | N/A | E | 2 | N/A | Species listed <5 years |
| No common name (<i>Elaphoglossum serpens</i>) | 6/9/1993 | 1/17/1995 | F | 9 | E | 5 | 1/15/2010 | No change to listed status* |
| No common name (<i>Polystichum calderonense</i>) | 6/9/1993 | 1/17/1995 | F | 9 | E | 5 | 1/15/2010 | No change to listed status* |
| No common name (<i>Pteris lidgatei</i>) | 9/26/1994 | 4/10/1998 | F | 18 | E | 5 | 6/5/2014 | No change to listed status |
| No common name (<i>Tectaria estremarana</i>) | 6/9/1993 | 1/17/1995 | F | 9 | E | 8 | 1/15/2010 | No change to listed status* |
| No common name (<i>Thelypteris inabanensis</i>) | 7/2/1993 | 1/17/1995 | F | 9 | E | 5 | 5/12/2015 | No change to listed status |
| No common name (<i>Thelypteris vercunda</i>) | 7/2/1993 | 1/17/1995 | F | 9 | E | 5 | 5/12/2015 | No change to listed status |
| No common name (<i>Thelypteris vaucoensis</i>) | 7/2/1993 | 1/17/1995 | F | 9 | E | 5 | 5/12/2015 | No change to listed status |
| Pauoa (<i>Ctenitis squamigera</i>) | 9/26/1994 | 4/10/1998 | F | 18 | E | 5 | 7/30/2013 | No change to listed status |
| Quillwort, black spored (<i>Isoetes melanospora</i>) | 2/5/1988 | 7/7/1993 | F | 8 | E | 5 | 9/30/2008 | No change to listed status* |
| Quillwort, Louisiana (<i>Isoetes louisianensis</i>) | 10/28/1992 | 9/30/1996 | F | 10 | E | 14 | 6/20/2012 | No change to listed status |
| Quillwort, mat-forming (<i>Isoetes tegetiformans</i>) | 2/5/1988 | 7/7/1993 | F | 8 | E | 5 | 9/30/2008 | No change to listed status* |
| Wawae iole (<i>Huperzia mannii</i>) | 5/15/1992 | 7/29/1997 | F | 24 | E | 5 | 3/27/2014 | No change to listed status* |
| Wawae iole (<i>Huperzia nutans</i>) | 3/28/1994 | 8/10/1998 | F | 19 | E | 5 | 8/19/2013 | No change to listed status |

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.
*5-Year Review In Progress (as of September 30, 2016)

Recovery Data as of September 30, 2016

Table 13. Species, recovery plan, and recovery status information for listed conifers and cycads.

| Species Name | Date Listed | Active Plan Date | Plan Status ¹ | Number of Recovery Actions Implemented | Listing Classification | Recovery Priority Number | Date 5-Year Review Completed | 5-Year Review Status Recommendation |
|---|-------------|------------------|--------------------------|--|------------------------|--------------------------|------------------------------|-------------------------------------|
| Cypress, Gowen (<i>Cupressus goveniana</i> ssp. <i>goveniana</i>) | 8/12/1998 | 8/19/2004 | F | 3 | T | 8C | 3/28/2012 | No change to listed status |
| Cypress, Santa Cruz (<i>Cupressus abramsiana</i>) | 1/8/1987 | 9/26/1998 | F | 4 | T | 14 | 9/3/2013 | Reclassify to T |
| Fadang (<i>Cycas micronesica</i>) | 11/2/2015 | N/A | N/A | N/A | T | 2 | N/A | Species listed <5 years |
| Torreya, Florida (<i>Torreya taxifolia</i>) | 1/23/1984 | 9/9/1986 | F | 22 | E | 5C | 7/30/2010 | No change to listed status |

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

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

¹ Earlier drafts and final plans for some individual species may have become incorporated into later multi-species or ecosystem plans.

⁵ 5-Year Review In Progress (as of September 30, 2016)



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.

**U.S. Fish & Wildlife Service
Ecological Services Program
www.fws.gov/endangered
August 2018**