



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

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Falls Church, Virginia 22041



In Reply Refer to:  
FWS/AES/DER/BNC/079714  
2023-0008548-S7

Jennifer D Hass  
Directory, Environmental Planning & Historic Preservation Program  
Office of the Chief Readiness Support Officer  
Department of Homeland Security  
Washington, D.C, 20528

Dear Ms. Hass,

This letter is in response to the Department of Homeland Security's (DHS) May 31, 2023, request for concurrence on determinations of "*may affect, not likely to adversely affect,*" (NLAA) federally listed, proposed and candidate species and designated and proposed critical habitats related to DHS's proposal to conduct small unmanned aerial systems (UAS) activities nationwide (i.e., Proposed Action) to meet DHS mission requirements. In their accompanying biological evaluation, Final Biological Evaluation for Species Listed Under the Endangered Species Act Under United States Fish and Wildlife Service Jurisdiction for the Operation of Small Unmanned Aerial Systems (BE), DHS described their proposed UAS activities which include staff training, operation, and maintenance of UAS carried out by all DHS components, including the Federal Emergency Management Agency, U.S. Coast Guard, U.S. Customs and Border Protection, U.S. Immigration and Customs Enforcement, the Federal Law Enforcement Training Centers, the Science and Technology Directorate, the Transportation Security Administration, and U.S. Secret Service. Activities may occur in any U.S. State or Territory, on or over land or water [including navigable waters within the ocean environment where DHS Components (e.g., U.S. Coast Guard) have jurisdiction], and the airspace in which UAS are flown. The Service provides this response pursuant to section 7(a)(2) of the Endangered Species Act of 1973 (ESA), as amended.

DHS has determined that the Proposed Action "*may affect, but is not likely to adversely affect,*" 1,278 threatened and endangered species, 28 proposed species, 2 candidate species, 620 designated and 44 proposed critical habitats. These species include 45 amphibians, 106 birds, 95 insects, 78 mammals, 944 plants (conifers and cycads, ferns and allies, flowering plants, and lichens), and 40 reptiles. A complete list of these species and critical habitats can be found in Enclosure A.

DHS also determined that the Proposed Action would have "*no effect*" on federally listed or proposed marine mammals, fish, aquatic invertebrates, or aquatic critical habitat. The Proposed Action would not operate within 500 feet of any known marine mammal haul-out locations and would avoid marine mammals at the water's surface (unless with prior authorization from the

Service or the National Oceanic and Atmospheric Administration). In addition, DHS is not proposing any within-water activities (i.e., under the water's surface) and therefore, does not anticipate any impacts to aquatic species or aquatic critical habitat.

### **Description of the Proposed Action**

The Proposed Action includes DHS' continuation of UAS activities nationwide to meet mission requirements, including the training, operation, maintenance, and use of UAS. The Proposed Action would allow DHS to continue its current use of UAS and implement future uses given new technologies and mission requirements that would be situational by Component. The purpose of the Proposed Action is to provide DHS the ability to expand visual capability and gather information, surveillance, reconnaissance, and communications by employing remote controlled aerial reconnaissance equipped with cameras, sensors, and other data collecting equipment.

DHS use of UAS supports, in part, research and testing, training, marine mammal protection and monitoring, emergency response, security and surveillance, navigational aid, search and rescue missions, law enforcement, disaster assessment and recovery, and facility and site inspections. These operations are not all-encompassing or limited to any Component, but they serve to provide a baseline for DHS and Component use of UAS. Different operations may require the use of different UAS to complete the mission, and various UAS types may also be used for similar operations; however, most operations would require the UAS to be outfitted with camera, video, or some other sensory or imagery equipment. Examples of DHS UAS activities are provided in the BE (see page 3).

The UAS operated during the Proposed Action are classified within three primary types of free-flying UAS: fixed wing, rotary wing, and hybrid models. UAS typically include built-in imaging sensors or video cameras, and can carry additional payloads (i.e., detachable components) for enhanced or specialized operation. Cameras and sensor types include high definition, laser night vision, thermal, infrared, and ultraviolet. Additional payloads could include items such as an air sniffer, or a sensor ball with electro-optic/infrared and laser range finder/designator capabilities. The mission determines which specific device is attached to the UAS, but DHS most commonly requires visual capabilities to capture still photographs, video recordings, or live video feeds.

Physical operation of UAS typically includes three general sub-categories of actions: mobilization and demobilization to/from the launch site; launch and landing of the UAS; and operation of the UAS in flight. UAS are remotely operated in three ways: manual navigation (i.e., by a human pilot via controller), GPS navigation (i.e., by pre-programming the UAS to fly to a specified location or in a specified pattern), and autonomous navigation (i.e., by the onboard computer determining flight controls using only onboard sensors, as opposed to signals from a controller or GPS system). The maximum flight time of UAS is 120 minutes, with a maximum transmission range of 60 miles.

Tethered UAS are launched from the ground and remain connected to the ground-based control station via cable. They generally hover over a particular location and can remain in the air for hours at a time (Elistair, 2020). DHS does not routinely use tethered UAS in an operational setting; potential future use of tethered UAS likely would occur around DHS and Component facilities or infrastructure, to which they would be affixed during flight.

Current DHS and Component UAS operations are generally limited to a maximum groundspeed of 100 mph, a maximum altitude of 400 feet above ground level (AGL), and a range within line of sight of the visual observer(s) to comply with 14 CFR Part 107. Most UAS also operate for less than 60 minutes of airtime. However, there can be exceptions to this regulation. Components could obtain a Certificate of Waiver or Authorization (COA) from the Federal Aviation Administration (FAA) for special operational circumstances. For example, U.S. Customs and Border Protection (CBP) recently obtained an updated COA from the FAA for special operational circumstances. In accordance with this COA, CBP is permitted to fly up to 1,200 feet AGL and may perform beyond visual line of sight (BVLOS) operations up to an altitude of 400 feet AGL in extreme emergency situations and to safeguard human life.

Future UAS operations and limitations may change in conjunction with updated regulations, issuance of COAs, and advances in technology, especially related to energy sources (e.g., better batteries or hydrogen cells). Therefore, the Proposed Action includes free-flying UAS based on their full technical capabilities to account for potential future updates. Heavier free-flying UAS (i.e., weighing between 21 and 55 pounds), have the highest technical capabilities and are used for larger-scale intelligence, surveillance, and reconnaissance requirements and activities. These UAS have a normal operating altitude up to 3,500 feet AGL, flight time up to 120 minutes, maximum transmission range of 60 miles, and can reach groundspeeds up to 287 mph. Typically, heavier UAS operate along borders, in mountainous regions, and large bodies of water. Tethered UAS are also analyzed based on their flight times and repeated operation in a single location.

These systems are generally operated by two personnel (i.e., a Pilot in Command and a Visual Observer, as defined in 14 CFR Part 107). Certain current operations may require additional observers to ensure safe operations. Future UAS operations may include BVLOS capabilities, which would eliminate the need for a Visual Observer. In such instances, UAS would be equipped with detect-and-avoid systems or similar technology to avoid hazards and minimize the risk of collision (i.e., other aircraft, birds, vessels).

DHS may perform training, operation, maintenance, and use of UAS in diverse environments (e.g., city, suburban, rural, over water) at single or multiple locations during day or night, depending on testing or operational needs. DHS's use of UAS may occur multiple times in the same location such as during training or testing activities, or at airports and transportation hubs, or may not operate repeatedly in a specific location.

### ***Best Management Practices (BMPs)***

DHS developed BMPs (see BMP Implementation Checklist, Enclosure B), revised in coordination with the Service, to avoid or minimize adverse impacts to federally listed, proposed, and candidate species and proposed and designated critical habitats. DHS and its Components will adopt the required BMPs as standard procedure for their UAS activities. When followed, the BMP Implementation Checklist will ensure that DHS and Component operators comply with these BMPs during UAS activities. If BMPs cannot be implemented for Proposed Action, and DHS or Components determine that the action "*may affect*" federally listed, proposed, or candidate species or proposed or designated critical habitat that occur in the project area, project-specific ESA section 7 consultation or conference (for proposed species or critical habitat) is required. DHS and Components will use the Service's Information for Planning and Consultation

(IPaC) website to determine which species or critical habitats occur in the project area and which Ecological Services Field Office to contact to initiate ESA section 7 consultation. As standard procedure, the checklist should be completed prior to initiating UAS flights, be reviewed by a DHS environmental professional, and saved on file as part of the administrative record.

In general, the BMP checklist includes measures that direct DHS and its Components to use the Service's IPaC website to determine listed species, migratory birds, and critical habitat that occur within the action area, contact federal land managers to identify wildlife concerns or apply avoidance or minimization measures around sensitive areas, avoid sensitive areas (listed species habitat, critical habitat areas) for launch and landing sites, use buffers or avoidance times for species or species' habitats (e.g., bird colonies, nesting turtle beaches), and conduct preflight checks for wildlife in the area of operations. For a complete list of BMPs, see Enclosure B.

DHS activities include ensuring resiliency to disasters and effective emergency response. Examples of emergencies that may require immediate DHS action include response to hurricanes, earthquakes, pandemics, nuclear strike, imminent threat of terrorist activity, or release or imminent release of oil, hazardous, biological, or radiological substances. Emergency response actions carried out by UAS are covered under the Proposed Action. As such, BMPs will be followed during emergency response activities, when possible. However, if the BMPs cannot be implemented during an emergency response, operators should prioritize emergency response actions and follow established procedures for emergency situations including compliance under the ESA. Under no circumstances should the emergency response action be delayed to implement the BMPs. Section 7 regulations recognize that an emergency (i.e., imminent loss of human life or property) may require expedited consultation. As soon as practicable after the emergency is under control, if federally listed species or designated critical habitat were affected by the emergency response and it was not possible to implement the BMPs, DHS should contact the Service for discussion of potential after the fact ESA section 7 consultation.

### **Effects of the Action**

DHS outlined three types of effects to federally listed, proposed, and candidate species and designated and proposed critical habitats that may occur as a consequence of the Proposed Action. These include physical strike by UAS, behavioral reactions of species to UAS activities and effects of UAS flights on physical and biological features (PBFs) (e.g., primary constituent elements) of critical habitat.

Direct collision of a UAS with a federally listed, proposed, or candidate species would likely result in death or injury to the species. These collisions would most likely occur if UAS were to be flown within listed species habitat (e.g., forested, grassland habitats), directly above or adjacent to the species habitat (e.g., flying directly above canopy height), or during periods when flying species (e.g., birds or bats) are flying at higher altitudes during migration.

DHS anticipates that direct collision with federally listed, proposed, or candidate species would be highly unlikely, as UAS pilots are extensively trained in how to safely operate and avoid structures and hazards, and typically have visual line of sight of UAS. Current DHS practices allow UAS to operate up to 100 mph ground speed but are typically operated at slower speeds (15 to 30 mph) to provide ample opportunity for collision avoidance by both the remote pilot and more mobile federally listed species. Future activities may include higher operating altitudes (up to 3,500 feet AGL), higher ground speeds (up to 287 mph), longer flight times (up to 120

minutes), and BVLOS operations. In those cases, UAS would be equipped with detect-and-avoid systems or similar technology to avoid hazards and minimize the risk of collision (i.e., other aircraft, birds, vessels). In addition, flying at higher altitudes will likely minimize collision risk compared to current standard operating procedures (400 feet AGL).

According to DHS' BMP Checklist, operators will conduct a visual pre-flight check for migratory birds and federally listed species immediately prior to launch (BMP #10). If personnel observe a federally listed terrestrial animal or migratory bird, including federally listed bird nesting colonies, during the pre-flight check, operators will delay operations until either the animal has moved away from the area of operation, or they will relocate the UAS flight path to an area where the animal or nesting colonies will not be disturbed (at least 200 feet away both horizontally and vertically) (BMP #11). To avoid potential collisions with federally listed or proposed insect species, BMP #15 describes a measure to maintain a minimum altitude of 65 feet above the ground, vegetation, or tree canopy if these species are known to occur (i.e., by referencing IPaC) in the operation area. For federally listed or proposed bat species, BMP #16 states that UAS will be operated during daylight hours (one hour after sunrise to one hour before sunset) whenever possible. In addition, for nighttime operations within the range of listed or proposed bat species, operators will maintain a minimum altitude of 98 feet above vegetation, tree canopy, or open water (including rivers, streams, lakes, reservoirs, etc.). We anticipate that UAS collisions with flying species will be a rare event, as UAS flights are limited in duration and occur dispersed (i.e., infrequently in the same location) across the action area. These BMPs were developed to further minimize the probability of these collision events from occurring. However, based on annual monitoring and assessment, if these BMPs fail to avoid UAS collisions from current operating procedures or future enhanced capabilities (e.g., higher speeds), then DHS will be required to reinitiate ESA section 7 consultation with the Service to address any limitations with the BMPs or carry out site-specific consultation.

In addition to collision, UAS activities have the potential to disturb wildlife due to temporary instances of increased noise and physical encroachment (e.g., visual), including in areas typically inaccessible to humans, which can lead to behavioral reactions that negatively impact their fitness or reproduction. Federally listed species behavioral responses will vary depending on the species and the UAS characteristics such as type of aircraft, flight pattern, proximity, and approach. Impacts on wildlife can occur from flying UAS adjacent to or over wildlife, from human presence at launch or landing sites, and from use of motor vehicles to transport UAS adjacent to or within occupied wildlife habitat. Insects are not expected to respond strongly to noise or encroachment by UAS but may react by changing flight direction or taking cover under vegetation. Flying insects are expected to return to their natural behaviors shortly after the UAS leaves the area. Birds may perceive overflying UAS as predators and may respond by remaining still, flushing, or even attacking the UAS (e.g., raptors). If birds flush while sitting on a nest, the eggs could be exposed to fluctuating temperatures or to predation. Bats may also be flushed from their daytime roosts if the UAS approaches too closely, or their foraging behaviors at night may be disrupted.

To avoid impacts from noise disturbance and encroachment on individuals of listed species, DHS developed and will implement several BMPs as part of their UAS activities. Operators of UAS will avoid conducting UAS operations within 200 feet (vertically and horizontally) of a known breeding or roosting colony, or other known high density nesting area, of federally listed or

proposed birds or migratory birds (BMP #7). When possible, UAS operators will conduct operations during seasons when federally listed, proposed, or migratory birds are not present in the operational area (BMP #9). In addition to the pre-flight check for listed species, if personnel encounter wildlife after launch, operators will maintain a safe distance (at least 200 feet recommended) and will avoid buzzing, animal-directed movements, hovering, landing, taking off, lingering, or taxiing near the observed wildlife (BMP #12). If despite these measures, wildlife, including migratory birds, listed animal species, and bald and golden eagles exhibit signs of distress, the UAS will be immediately moved beyond the 200-foot recommended distance from the animal (BMP #13). To avoid impacts to nesting sea turtles and their buried eggs, DHS will implement BMP #18: Avoid launch or landing UAS from/on beaches that support nesting sea turtles during their breeding season. Finally, DHS components will avoid flying UAS within 500 feet of known haul-out locations and marine mammals at the water's surface unless with prior authorization from NOAA or USFWS (BMP #19).

Minimal disturbance to vegetated areas, which may include listed plants, lichens, and/or PBFs of critical habitat, could occur due to the limited presence of UAS personnel walking or driving within the range of listed plants, lichens, or in critical habitat. These types of activities could damage, crush, or kill plants. Permanent impacts to critical habitat PBFs within the operational area are highly unlikely as no ground disturbance is proposed (e.g., no tree clearing or ground movement). Potential impacts could occur if DHS uses launch and landing sites within critical habitat, the range of federally listed plant species, or the range of federally listed lichens. To minimize impacts to critical habitat PBFs, and listed plant and lichen species, UAS operators will use BMP #7 that instructs UAS operators to use existing roadways, trails, paved surfaces, vegetated open areas, or otherwise previously disturbed areas for launch and landing sites. If DHS determines it necessary to use launch or landing sites within naturally vegetated areas of terrestrial critical habitat or the range of federally listed plant or lichen species, DHS will coordinate with the appropriate Ecological Services Field Office to identify if alternate launch or landing sites are necessary or sensitive resources require avoidance.

Training, testing events, or security patrols may be repetitive in a specific geographical area; however, with the implementation of the required BMPs and their typical location in previously disturbed areas, the impacts of these repetitive actions are considered discountable.

## **Summary and Conclusion**

DHS has coordinated with the Service to identify and adopt measures (BMP Implementation Checklist) to avoid and minimize the effects of the Proposed Action on listed, proposed, and candidate species and designated and proposed critical habitats. The majority of UAS activities will occur during daylight hours. These measures, as discussed in greater detail above, are anticipated to result in effects that are insignificant or discountable for the species and critical habitats addressed in the Biological Evaluation. Therefore, we concur with your determination that the Proposed Action “*may affect, but is not likely to adversely affect,*” federally listed, proposed and candidate species and designated and proposed critical habitats.

DHS will review species listed as endangered or threatened, in coordination with the Service, to determine annually if the Biological Resources measures in Enclosure B: BMP Implementation Checklist are sufficiently protective. If the BMP Implementation Checklist is not protective or requires additional mitigative measures, DHS will contact the Service to discuss additional measures and determine if re-initiation of Section 7 consultation is required. At the time of the

first check-in (i.e., one year after signature of this letter), DHS and the Service will determine the necessity, frequency, and timing of future annual coordination efforts on this programmatic consultation. DHS may choose to address newly listed species or critical habitat individually, rather than programmatically (i.e., the programmatic consultation will still be valid, but new species or critical habitat will be consulted on individually for site-specific actions). In the event DHS moves forward with site-specific consultations in lieu of annual check-ins, DHS will notify the Service in writing to address its path forward regarding newly listed species or critical habitat not covered under this programmatic.

This concludes consultation. As stated at 50 CFR §402.16, reinitiation of consultation is required and shall be requested by the action agency (DHS) or by the Service, where discretionary federal involvement or control over the action has been retained or is authorized by law and: (1) if new information reveals effects of the action that may affect listed species or critical habitat in a manner or to an extent not previously considered; (2) if the identified action is subsequently modified in a manner that causes an effect to the listed species or critical habitat that was not considered in this concurrence letter; or (3) if a new species is listed or critical habitat designated that may be affected by the identified action.

Thank you for your coordination throughout this consultation. If you have any questions about this concurrence, please contact Kathryn Bissell ([kathryn\\_bissell@fws.gov](mailto:kathryn_bissell@fws.gov), 703-358-2409) or Keith Paul ([keith\\_paul@fws.gov](mailto:keith_paul@fws.gov), 703-358-2675) in the Branch of National Consultations.

Sincerely,

**JANE  
LEDWIN**

Digitally signed by JANE  
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Jane Ledwin, Chief  
Branch of National Consultations  
Ecological Services Program

Enclosures

**ENCLOSURE A - Species and Critical Habitat List**

Scientific Name	Common Name	Taxa	ESA Listing Status	Geographic limitations	Critical Habitat Status
<i>Ambystoma bishopi</i>	Reticulated flatwoods salamander	Amphibians	Endangered	Wherever found	Final
<i>Ambystoma californiense</i>	California tiger Salamander	Amphibians	Endangered	U.S.A. (CA -Sonoma County)	Final
<i>Ambystoma californiense</i>	California tiger Salamander	Amphibians	Endangered	U.S.A. (CA -Santa Barbara County)	Final
<i>Ambystoma californiense</i>	California tiger Salamander	Amphibians	Threatened	U.S.A. (CA -Central California)	Final
<i>Ambystoma cingulatum</i>	Frosted Flatwoods salamander	Amphibians	Threatened	Wherever found	Final
<i>Ambystoma macrodactylum croceum</i>	Santa Cruz long-toed salamander	Amphibians	Endangered	Wherever found	Proposed
<i>Ambystoma mavortium stebbinsi</i>	Sonoran tiger salamander	Amphibians	Endangered	Wherever found	NA
<i>Anaxyrus baxteri</i>	Wyoming Toad	Amphibians	Endangered	Wherever found	NA
<i>Anaxyrus californicus</i>	Arroyo (=arroyo southwestern) toad	Amphibians	Endangered	Wherever found	Final
<i>Anaxyrus canorus</i>	Yosemite toad	Amphibians	Threatened	Wherever found	Final
<i>Anaxyrus williamsi</i>	Dixie Valley Toad	Amphibians	Endangered	Wherever found	NA
<i>Batrachoseps aridus</i>	Desert slender salamander	Amphibians	Endangered	Wherever found	NA
<i>Batrachoseps relictus</i>	Relictual slender salamander	Amphibians	Proposed Endangered	Wherever found	Proposed
<i>Batrachoseps simatus</i>	Kern Canyon slender salamander	Amphibians	Proposed Threatened	Wherever found	Proposed
<i>Bufo houstonensis</i>	Houston toad	Amphibians	Endangered	Wherever found	Final
<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	Amphibians	Endangered	Missouri DPS	NA
<i>Cryptobranchus alleganiensis bishopi</i>	Ozark Hellbender	Amphibians	Endangered	Wherever found	NA
<i>Eleutherodactylus cooki</i>	Guajon	Amphibians	Threatened	Wherever found	Final
<i>Eleutherodactylus jasperi</i>	Golden coqui	Amphibians	Threatened	Wherever found	Final
<i>Eleutherodactylus juanariveroi</i>	Llanero Coqui	Amphibians	Endangered	Wherever found	Final
<i>Eurycea chisholmensis</i>	Salado Salamander	Amphibians	Threatened	Wherever found	Final
<i>Eurycea nana</i>	San Marcos salamander	Amphibians	Threatened	Wherever found	Final
<i>Eurycea naufragia</i>	Georgetown Salamander	Amphibians	Threatened	Wherever found	Final
<i>Eurycea rathbuni</i>	Texas blind salamander	Amphibians	Endangered	Wherever found	NA
<i>Eurycea sosorum</i>	Barton Springs salamander	Amphibians	Endangered	Wherever found	NA
<i>Eurycea tonkawae</i>	Jollyville Plateau Salamander	Amphibians	Threatened	Wherever found	Final
<i>Eurycea waterloensis</i>	Austin blind Salamander	Amphibians	Endangered	Wherever found	Final
<i>Necturus alabamensis</i>	Black warrior (=Sipsey Fork) Waterdog	Amphibians	Endangered	Wherever found	Final
<i>Necturus lewisi</i>	Neuse River waterdog	Amphibians	Threatened	Wherever found	Final
<i>Peltophryne lemur</i>	Puerto Rican crested toad	Amphibians	Threatened	Wherever found	NA
<i>Phaeognathus hubrichti</i>	Red Hills salamander	Amphibians	Threatened	Wherever found	NA
<i>Plethodon neomexicanus</i>	Jemez Mountains salamander	Amphibians	Endangered	Wherever found	Final
<i>Plethodon nettingi</i>	Cheat Mountain salamander	Amphibians	Threatened	Wherever found	NA
<i>Plethodon shenandoah</i>	Shenandoah salamander	Amphibians	Endangered	Wherever found	NA
<i>Rana boylei</i>	Foothill yellow- legged frog	Amphibians	Proposed Endangered	California, Sierra Nevada Mountains south of American River sub-basin south to Transverse Range, Kern County	NA
<i>Rana boylei</i>	Foothill yellow- legged frog	Amphibians	Proposed Endangered	California, Coast Range from Monterey County south to Los Angeles County	NA
<i>Rana boylei</i>	Foothill yellow- legged frog	Amphibians	Proposed Threatened	California, Central Coast Range south of San Francisco Bay to San Benito and Fresno Counties	NA
<i>Rana boylei</i>	Foothill yellow- legged frog	Amphibians	Proposed Threatened	California, North Feather River watershed largely in Plumas and Butte Counties	NA
<i>Rana chiricahuensis</i>	Chiricahua leopard frog	Amphibians	Threatened	Wherever found	Final
<i>Rana draytonii</i>	California red- legged frog	Amphibians	Threatened	Wherever found	Final
<i>Rana muscosa</i>	Mountain yellow-legged frog	Amphibians	Endangered	U.S.A., southern California	Final
<i>Rana muscosa</i>	Mountain yellow-legged frog	Amphibians	Endangered	U.S.A., northern California	Final
<i>Rana pretiosa</i>	Oregon spotted frog	Amphibians	Threatened	Wherever found	Final
<i>Rana sevosa</i>	dusky gopher frog	Amphibians	Endangered	Wherever found	Final
<i>Rana sierrae</i>	Sierra Nevada Yellow-legged Frog	Amphibians	Endangered	Wherever found	Final
<i>Accipiter striatus venator</i>	Puerto Rican sharp-shinned hawk	Birds	Endangered	Wherever found	NA
<i>Acrocephalus familiaris kingi</i>	Nihoa millerbird (old world warbler)	Birds	Endangered	Wherever found	NA
<i>Acrocephalus luscini</i>	Nightingale reed warbler (old world warbler)	Birds	Endangered	Wherever found	NA
<i>Aerodramus vanikorensis bartschi</i>	Mariana gray swiftlet	Birds	Endangered	Wherever found	NA
<i>Agelaius xanthomus</i>	Yellow-shouldered blackbird	Birds	Endangered	Wherever found	Final
<i>Akialoa stejnegeri</i>	Kauai akialoa (honeycreeper)	Birds	Endangered	Wherever found	NA
<i>Amazona vittata</i>	Puerto Rican parrot	Birds	Endangered	Wherever found	NA
<i>Ammodramus maritimus mirabilis</i>	Cape Sable seaside sparrow	Birds	Endangered	Wherever found	Final
<i>Ammodramus savannarum floridanus</i>	Florida grasshopper sparrow	Birds	Endangered	Wherever found	NA
<i>Anas laysanensis</i>	Laysan duck	Birds	Endangered	Wherever found	NA
<i>Anas wyvilliana</i>	Hawaiian (=koloa) Duck	Birds	Endangered	Wherever found	NA
<i>Aphelocoma coerulescens</i>	Florida scrub-jay	Birds	Threatened	Wherever found	NA
<i>Brachyramphus marmoratus</i>	Marbled murrelet	Birds	Threatened	U.S.A. (CA, OR, WA)	Final
<i>Branta (=Nesochen) sandvicensis</i>	Hawaiian goose	Birds	Threatened	Wherever found	NA
<i>Buteo platypterus brunescens</i>	Puerto Rican broad-winged hawk	Birds	Endangered	Wherever found	NA
<i>Calidris canutus rufa</i>	Red knot	Birds	Threatened	Wherever found	Proposed
<i>Campephilus principalis</i>	Ivory-billed woodpecker	Birds	Endangered	Wherever found	NA
<i>Caprimulgus noctitherus</i>	Puerto Rican nightjar	Birds	Endangered	Wherever found	NA
<i>Centrocercus minimus</i>	Gunnison sage- grouse	Birds	Threatened	Wherever found	Final
<i>Centrocercus urophasianus</i>	Greater sage- grouse	Birds	Proposed Threatened	Bi-State	Proposed
<i>Charadrius melodus</i>	Piping Plover	Birds	Endangered	[Great Lakes watershed DPS] - Great Lakes, watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Canada (Ont.)	Final
<i>Charadrius melodus</i>	Piping Plover	Birds	Threatened	[Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered.	Final
<i>Charadrius nivosus nivosus</i>	Western snowy plover	Birds	Threatened	Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast)	Final
<i>Chasiempis ibidis</i>	Oahu elepaio	Birds	Endangered	Wherever found	Final
<i>Coccyzus americanus</i>	Yellow-billed Cuckoo	Birds	Threatened	Western DPS: U.S.A. (AZ, CA, CO (western), ID, MT (western), NM (western), NV, OR, TX (western), UT, WA, WY (western)); Canada (British Columbia (southwestern); Mexico (Baja California, Baja California Sur, Chihuahua, Durango (western), Sinaloa, Sonora)	Final
<i>Colinus virginianus ridgwayi</i>	Masked bobwhite (quail)	Birds	Endangered	Wherever found	NA
<i>Columba inornata wetmorei</i>	Puerto Rican plain Pigeon	Birds	Endangered	Wherever found	NA
<i>Corvus hawaiiensis</i>	Hawaiian (=alala) Crow	Birds	Endangered	Wherever found	NA
<i>Corvus kubaryi</i>	Mariana (=aga) Crow	Birds	Endangered	Wherever found	Final
<i>Corvus leucognaphalus</i>	White-necked crow	Birds	Endangered	Wherever found	NA
<i>Drepanis coccinea</i>	'I'iwi	Birds	Threatened	Wherever found	Proposed
<i>Empidonax traillii extimus</i>	Southwestern willow flycatcher	Birds	Endangered	Wherever found	Final
<i>Eremophila alpestris strigata</i>	Streaked Horned lark	Birds	Threatened	Wherever found	Final
<i>Falco femoralis septentrionalis</i>	Northern Aplomado Falcon	Birds	Endangered	Wherever found, except where listed as an experimental population	NA
<i>Fulica americana alai</i>	Hawaiian coot	Birds	Endangered	Wherever found	NA
<i>Gallinula stairi</i>	Friendly Ground-Dove	Birds	Endangered	American Samoa DPS	NA
<i>Gallinula chloropus guami</i>	Mariana common moorhen	Birds	Endangered	Wherever found	NA
<i>Gallinula galeata sandvicensis</i>	Hawaiian common gallinule	Birds	Endangered	Wherever found	NA
<i>Glaucidium brasilianum cactorum</i>	Cactus ferruginous pygmy-owl	Birds	Proposed Threatened	Wherever found	Proposed
<i>Grus americana</i>	Whooping crane	Birds	Endangered	Wherever found, except where listed as an experimental population	Final
<i>Grus canadensis pulla</i>	Mississippi sandhill crane	Birds	Endangered	Wherever found	Final
<i>Gymnagyps californianus</i>	California condor	Birds	Endangered	U.S.A. only, except where listed as an experimental population	Final
<i>Gymnomyza samoensis</i>	Mao (= maomao) (honeyeater)	Birds	Endangered	Wherever found	NA



<i>Halcyon cinnamomina cinnamomina</i>	Guam Micronesian kingfisher	Birds	Endangered	Wherever found	Final
<i>Hemignathus affinis</i>	Maui nukupuu	Birds	Endangered	Wherever found	NA
<i>Hemignathus hanapepe</i>	Kauai nukupuu	Birds	Endangered	Wherever found	NA
<i>Hemignathus wilsoni</i>	akiapolaau	Birds	Endangered	Wherever found	NA
<i>Himantopus mexicanus knudseni</i>	Hawaiian stilt	Birds	Endangered	Wherever found	NA
<i>Logopus leucura rainierensis</i>	Mt. Rainier white-tailed ptarmigan	Birds	Proposed Threatened	Wherever found	NA
<i>Lanius ludovicianus mearnsi</i>	San Clemente loggerhead shrike	Birds	Endangered	Wherever found	NA
<i>Laterallus jamaicensis ssp. jamaicensis</i>	Eastern Black rail	Birds	Threatened	Wherever found	NA
<i>Loxiaides balleui</i>	Palila (honeycreeper)	Birds	Endangered	Wherever found	Final
<i>Loxops caeruleirostris</i>	Akekee	Birds	Endangered	Wherever found	Final
<i>Loxops coccineus</i>	Hawaii akepa	Birds	Endangered	Wherever found	NA
<i>Loxops ochraceus</i>	Maui akepa	Birds	Endangered	Wherever found	NA
<i>Megapodius laperouse</i>	Micronesian megapode	Birds	Endangered	Wherever found	NA
<i>Melamprosops phaeosoma</i>	Po'ouli (honeycreeper)	Birds	Endangered	Wherever found	NA
<i>Moho braccatus</i>	Kauai 'o'o (honeyeater)	Birds	Endangered	Wherever found	NA
<i>Myadestes lanaiensis rutha</i>	Molokai thrush	Birds	Endangered	Wherever found	NA
<i>Myadestes myadestinus</i>	Large Kauai (=kamao) Thrush	Birds	Endangered	Wherever found	NA
<i>Myadestes palmeri</i>	Small Kauai (=puaihi) Thrush	Birds	Endangered	Wherever found	NA
<i>Mycteria americana</i>	Wood stork	Birds	Threatened	U.S.A. (AL, FL, GA, MS, NC, SC)	NA
<i>Numenius borealis</i>	Eskimo curlew	Birds	Endangered	Wherever found	NA
<i>Oceanodroma castro</i>	Band-rumped storm-petrel	Birds	Endangered	USA (HI)	NA
<i>Oreomystis bairdi</i>	Akikiki	Birds	Endangered	Wherever found	Final
<i>Oreomystis mana</i>	Hawaii creeper	Birds	Endangered	Wherever found	NA
<i>Palmeria dolei</i>	crested honeycreeper (Akohekohe)	Birds	Endangered	Wherever found	Final
<i>Paroreomyza flammea</i>	Molokai creeper	Birds	Endangered	Wherever found	NA
<i>Paroreomyza maculata</i>	Oahu creeper	Birds	Endangered	Wherever found	NA
<i>Phaeobastria (=Diomedea) albatrus</i>	Short-tailed albatross	Birds	Endangered	Wherever found	NA
<i>Picoides borealis</i>	Red-cockaded woodpecker	Birds	Endangered	Wherever found	NA
<i>Pipilo crissalis eremophilus</i>	Inyo California towhee	Birds	Threatened	Wherever found	Final
<i>Poliopitila californica californica</i>	Coastal California gnatcatcher	Birds	Threatened	Wherever found	Final
<i>Polyborus plancus audubonii</i>	Audubon's crested caracara	Birds	Threatened	U.S.A. (FL)	NA
<i>Polysticta stelleri</i>	Steller's Eider	Birds	Threatened	U.S. Alaska breeding population only	Final
<i>Pseudonestor xanthophrys</i>	Maui parrotbill (Kiwikiu)	Birds	Endangered	Wherever found	Final
<i>Psittirostra psittacea</i>	'O'u (honeycreeper)	Birds	Endangered	Wherever found	NA
<i>Pterodroma cahow</i>	Bermuda petrel	Birds	Endangered	Wherever found	NA
<i>Pterodroma hasitata</i>	Black-capped petrel	Birds	Proposed Threatened	Wherever found	NA
<i>Pterodroma sandwichensis</i>	Hawaiian petrel	Birds	Endangered	Wherever found	NA
<i>Puffinus auricularis newelli</i>	Newell's Townsend's shearwater	Birds	Threatened	Wherever found	NA
<i>Rallus longirostris levipes</i>	Light-footed clapper rail	Birds	Endangered	Wherever found	NA
<i>Rallus longirostris obsoletus</i>	California clapper rail	Birds	Endangered	Wherever found	NA
<i>Rallus obsoletus yumanensis</i>	Yuma Ridgway's rail	Birds	Endangered	Wherever found	NA
<i>Rallus owstoni</i>	Guam rail	Birds	Endangered	Wherever found, except where listed as an experimental population	NA
<i>Rhynchopsitta pachyrhyncha</i>	Thick-billed parrot	Birds	Endangered	Wherever found	NA
<i>Rostrhamus sociabilis plumbeus</i>	Everglade snail kite	Birds	Endangered	Wherever found	Final
<i>Setophaga angelae</i>	Elfin-woods warbler	Birds	Threatened	Wherever found	Final
<i>Setophaga chrysoparia</i>	golden-cheeked warbler	Birds	Endangered	Wherever found	NA
<i>Somateria fischeri</i>	Spectacled eider	Birds	Threatened	Wherever found	Final
<i>Sterna antillarum browni</i>	California least tern	Birds	Endangered	Wherever found	NA
<i>Sterna dougallii dougallii</i>	Roseate tern	Birds	Endangered	U.S.A. (Atlantic Coast south to NC), Canada (Newf., N.S, Que.), Bermuda	NA
<i>Sterna dougallii dougallii</i>	Roseate tern	Birds	Threatened	Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered	NA
<i>Strix occidentalis caurina</i>	Northern spotted owl	Birds	Threatened	Wherever found	Final
<i>Strix occidentalis lucida</i>	Mexican spotted owl	Birds	Threatened	Wherever found	Final
<i>Strix occidentalis occidentalis</i>	California spotted Owl	Birds	Proposed Endangered	All California spotted owls in the vicinity of the Coast, Transverse, and Peninsular mountain ranges from Monterey County in the north to San Diego County in the south, and south of the Tehachapi Pass within Kern County.	NA
<i>Strix occidentalis occidentalis</i>	California spotted Owl	Birds	Proposed Threatened	(All California spotted owls in the vicinity of the Sierra Nevada mountain range and the Sierra Nevada foothills from Shasta and Lassen Counties in the north, but north of the Tehachapi Pass, Kern County to the south, and east to Carson City, Douglas, and Washoe Counties in Nevada.	NA
<i>Telespiza cantans</i>	Laysan finch (honeycreeper)	Birds	Endangered	Wherever found	NA
<i>Telespiza ultima</i>	Nihoa finch (honeycreeper)	Birds	Endangered	Wherever found	NA
<i>Tympanuchus cupido attwateri</i>	Attwater's greater prairie-chicken	Birds	Endangered	Wherever found	NA
<i>Tympanuchus pallidicinctus</i>	Lesser prairie-chicken	Birds	Endangered	Southern DPS: All lesser prairie-chickens south of a line starting at 37.9868 N, 105.0133 W, and ending at 31.7351 N, 98.3773 W, NAD83	NA
<i>Tympanuchus pallidicinctus</i>	Lesser prairie-chicken	Birds	Threatened	Northern DPS: All lesser prairie-chickens north of a line starting at 37.9868 N, 105.0133 W, and ending at 31.7351 N, 98.3773 W, NAD83	NA
<i>Vermivora bachmani</i>	Bachman's warbler (=wood)	Birds	Endangered	Wherever found	NA
<i>Vireo bellii pusillus</i>	Least Bell's vireo	Birds	Endangered	Wherever found	Final
<i>Zosterops conspicillatus conspicillatus</i>	Bridled white-eye	Birds	Endangered	Wherever found	NA
<i>Zosterops rotensis</i>	Rota bridled White-eye	Birds	Endangered	Wherever found	Final
<i>Cupressus abramsiana</i>	Santa Cruz cypress	Conifers and Cycads	Threatened	Wherever found	NA
<i>Cupressus goveniana ssp. goveniana</i>	Gowen cypress	Conifers and Cycads	Threatened	Wherever found	NA
<i>Cycas micronesica</i>	Fadang	Conifers and Cycads	Threatened	Wherever found	NA
<i>Pinus albicaulis</i>	Whitebark pine	Conifers and Cycads	Threatened	Wherever found	NA
<i>Torreya taxifolia</i>	Florida torrey	Conifers and Cycads	Endangered	Wherever found	NA
<i>Adenophorus periens</i>	Pendant kihi fern	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium diellectum</i>	Asplenium-leaved diella	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium dielfalcatum</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium diellaciniatum</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Asplenium dielmannii</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium dielpallidum</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium pervianum var. insulare</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Asplenium scolopendrium var. americanum</i>	American hart's-tongue fern	Ferns and Allies	Threatened	Wherever found	NA
<i>Asplenium unisorum</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Ctenitis squamigera</i>	Pauoa	Ferns and Allies	Endangered	Wherever found	Final
<i>Cyathea dryopteroides</i>	Elfin tree fern	Ferns and Allies	Endangered	Wherever found	NA
<i>Cyclosorus boydii</i>	Kupukupu makali	Ferns and Allies	Endangered	Wherever found	NA
<i>Deparia kaalaana</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Diplazium molokaiense</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Doryopteris angelica</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Doryopteris takeuchii</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Dryopteris crinalis var. podosorus</i>	Palapalai aumakua	Ferns and Allies	Endangered	Wherever found	Final
<i>Dryopteris glabra var. pusilla</i>	Hohiu	Ferns and Allies	Endangered	Wherever found	NA
<i>Elaphoglossum serpens</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Huperzia mannii</i>	Wawae'iole	Ferns and Allies	Endangered	Wherever found	Final
<i>Huperzia nutans</i>	Wawae'iole	Ferns and Allies	Endangered	Wherever found	Final
<i>Huperzia stemmermanniae</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Hypolepis hawaiiensis var. mauiensis</i>	olia	Ferns and Allies	Endangered	Wherever found	NA
<i>Isoetes louisianensis</i>	Louisiana quillwort	Ferns and Allies	Endangered	Wherever found	NA
<i>Isoetes melanospora</i>	Black spored quillwort	Ferns and Allies	Endangered	Wherever found	NA

<i>Isoetes tegetiformans</i>	Mat-forming quillwort	Ferns and Allies	Endangered	Wherever found	NA
<i>Marsilea villosa</i>	Ihi ihi	Ferns and Allies	Endangered	Wherever found	Final
<i>Microlepia strigosa</i> var. <i>mauiensis</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Polystichum aleuticum</i>	Aleutian shield fern	Ferns and Allies	Endangered	Wherever found	NA
<i>Polystichum calderanense</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Pteris lidgatei</i>	No common name	Ferns and Allies	Endangered	Wherever found	Final
<i>Tectaria estremarana</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Thelypteris inabonensis</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Thelypteris pilosa</i> var. <i>alabamensis</i>	Alabama streak-sorus fern	Ferns and Allies	Threatened	Wherever found	NA
<i>Thelypteris verucunda</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Thelypteris yaucoensis</i>	No common name	Ferns and Allies	Endangered	Wherever found	NA
<i>Trichomanes punctatum</i> ssp. <i>floridanum</i>	Florida bristle fern	Ferns and Allies	Endangered	Wherever found	Final
<i>Abronia macrocarpa</i>	Large-fruited sand-verbena	Flowering Plants	Endangered	Wherever found	NA
<i>Abutilon eremitopetalum</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Abutilon menziesii</i>	Ko'olau'ula	Flowering Plants	Endangered	Wherever found	NA
<i>Abutilon sandwicense</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Acaena exigua</i>	Liliwai	Flowering Plants	Endangered	Wherever found	Final
<i>Acanthomintha ilicifolia</i>	San Diego thornmint	Flowering Plants	Threatened	Wherever found	Final
<i>Acanthomintha obovata</i> ssp. <i>duttonii</i>	San Mateo thornmint	Flowering Plants	Endangered	Wherever found	NA
<i>Achyranthes mutica</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Achyranthes splendens</i> var. <i>rotundata</i>	Round-leaved chaff-flower	Flowering Plants	Endangered	Wherever found	Final
<i>Aconitum noveboracense</i>	Northern wild monkshood	Flowering Plants	Threatened	Wherever found	NA
<i>Aeschynomene virginica</i>	Sensitive joint-vetch	Flowering Plants	Threatened	Wherever found	NA
<i>Agalinis acuta</i>	Sandplain gerardia	Flowering Plants	Endangered	Wherever found	NA
<i>Agave eggersiana</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Alectryon macrococcus</i>	Mahoe	Flowering Plants	Endangered	Wherever found	Final
<i>Allium munzi</i>	Munz's onion	Flowering Plants	Endangered	Wherever found	Final
<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	Sonoma alopecurus	Flowering Plants	Endangered	Wherever found	NA
<i>Amaranthus brownii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Amaranthus pumilus</i>	Seabeach amaranth	Flowering Plants	Threatened	Wherever found	NA
<i>Ambrosia cheiranthifolia</i>	South Texas ambrosia	Flowering Plants	Endangered	Wherever found	NA
<i>Ambrosia pumila</i>	San Diego ambrosia	Flowering Plants	Endangered	Wherever found	Final
<i>Amorpha crenulata</i>	Crenulate lead-plant	Flowering Plants	Endangered	Wherever found	NA
<i>Amphianthus pusillus</i>	Little amphianthus	Flowering Plants	Threatened	Wherever found	NA
<i>Amsinckia grandiflora</i>	Large-flowered fiddleneck	Flowering Plants	Endangered	Wherever found	Final
<i>Amsonia kearneyana</i>	Kearney's blue-star	Flowering Plants	Endangered	Wherever found	NA
<i>Apios priceana</i>	Price's potato-bean	Flowering Plants	Threatened	Wherever found	NA
<i>Arabis georgiana</i>	Georgia rockcress	Flowering Plants	Threatened	Wherever found	Final
<i>Arabis hoffmannii</i>	Hoffmann's rock-cress	Flowering Plants	Endangered	Wherever found	NA
<i>Arabis macdonaldiana</i>	McDonald's rock-cress	Flowering Plants	Endangered	Wherever found	NA
<i>Arabis perstellata</i>	Braun's rock-cress	Flowering Plants	Endangered	Wherever found	Final
<i>Arctomecon humilis</i>	Dwarf Bear-poppy	Flowering Plants	Endangered	Wherever found	NA
<i>Arctostaphylos confertiflora</i>	Santa Rosa Island manzanita	Flowering Plants	Endangered	Wherever found	NA
<i>Arctostaphylos franciscana</i>	Franciscan manzanita	Flowering Plants	Endangered	Wherever found	Final
<i>Arctostaphylos glandulosa</i> ssp. <i>crossifolia</i>	Del Mar manzanita	Flowering Plants	Endangered	Wherever found	NA
<i>Arctostaphylos haakeri</i> var. <i>ravenii</i>	Presidio Manzanita	Flowering Plants	Endangered	Wherever found	NA
<i>Arctostaphylos morroensis</i>	Morro manzanita	Flowering Plants	Threatened	Wherever found	NA
<i>Arctostaphylos myrtifolia</i>	Ione manzanita	Flowering Plants	Threatened	Wherever found	NA
<i>Arctostaphylos pallida</i>	Pallid manzanita	Flowering Plants	Threatened	Wherever found	NA
<i>Arenaria paludicola</i>	Marsh Sandwort	Flowering Plants	Endangered	Wherever found	NA
<i>Arenaria ursina</i>	Bear Valleysandwort	Flowering Plants	Threatened	Wherever found	Final
<i>Argemone pleiocantha</i> ssp. <i>pinnatisecta</i>	Sacramento prickly poppy	Flowering Plants	Endangered	Wherever found	NA
<i>Argyroxiphium kauense</i>	Mauna Loa (=Ka'u) silversword	Flowering Plants	Endangered	Wherever found	Final
<i>Argyroxiphium sandwicense</i> ssp. <i>macrocephalum</i>	'Ahinahina	Flowering Plants	Threatened	Wherever found	Final
<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i>	'Ahinahina	Flowering Plants	Endangered	Wherever found	NA
<i>Argythamnia blodgettii</i>	Blodgett's silverbush	Flowering Plants	Threatened	Wherever found	Proposed
<i>Aristida chaseae</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Aristida portoricensis</i>	Pelos del diablo	Flowering Plants	Endangered	Wherever found	NA
<i>Asclepias meadii</i>	Mead's milkweed	Flowering Plants	Threatened	Wherever found	NA
<i>Asclepias prostrata</i>	Prostrate milkweed	Flowering Plants	Endangered	Wherever found	Final
<i>Asclepias welshii</i>	Welsh's milkweed	Flowering Plants	Threatened	Wherever found	Final
<i>Asimina tetramera</i>	Four-petal pawpaw	Flowering Plants	Endangered	Wherever found	NA
<i>Astelia waialeale</i>	Pa'iniu	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus albens</i>	Cushenbury milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus ampullarioides</i>	Shivwits milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus applegatei</i>	Applegate's milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus bibullatus</i>	Guthrie's (=Pynes's) ground-plum	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus clarianus</i>	Clara Hunt's milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus cremnophyllax</i> var. <i>cremnophyllax</i>	Sentry milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus holmgreniorum</i>	Holmgren milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus humillimus</i>	Mancos milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus jaegerianus</i>	Lane Mountain milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus lentiginosus</i> var. <i>coachelloe</i>	Coachella Valley milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	Fish Slough milk-vetch	Flowering Plants	Threatened	Wherever found	Final
<i>Astragalus magdalenae</i> var. <i>peirsonii</i>	Peirson's milk-vetch	Flowering Plants	Threatened	Wherever found	Final
<i>Astragalus montii</i>	Helliotrope milk-vetch	Flowering Plants	Threatened	Wherever found	Final
<i>Astragalus osterhoutii</i>	Osterhout milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus phoenix</i>	Ash meadows milk-vetch	Flowering Plants	Threatened	Wherever found	Final
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	Ventura Marsh Milk-vetch	Flowering Plants	Endangered	Wherever found	Final
<i>Astragalus robbinsii</i> var. <i>jesupii</i>	Jesup's milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus tener</i> var. <i>titi</i>	Coastal dunes milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astragalus tricarinatus</i>	Triple-ribbed milk-vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Astrophytum asterias</i>	Star cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Atriplex coronata</i> var. <i>natator</i>	San Jacinto Valley crownscale	Flowering Plants	Endangered	Wherever found	Final
<i>Auerodendron pauciflorum</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Ayenia limitaris</i>	Texas ayenia	Flowering Plants	Endangered	Wherever found	NA
<i>Baccharis vanessae</i>	Encinitas baccharis	Flowering Plants	Threatened	Wherever found	NA
<i>Banara vanderbiltii</i>	Palo de ramon	Flowering Plants	Endangered	Wherever found	NA
<i>Baptisia arachnifera</i>	Hairy rattleweed	Flowering Plants	Endangered	Wherever found	NA
<i>Berberis nevini</i>	Nevin's barberry	Flowering Plants	Endangered	Wherever found	Final
<i>Berberis pinnata</i> ssp. <i>insularis</i>	Island Barberry	Flowering Plants	Endangered	Wherever found	NA
<i>Betula uber</i>	Virginia round-leaf birch	Flowering Plants	Threatened	Wherever found	NA
<i>Bidens amplexens</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens campylotheca</i> ssp. <i>pentamera</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens campylotheca</i> ssp. <i>waihoiensis</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens conjuncta</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens hillebrandiana</i> ssp. <i>hillebrandiana</i>	kookoolau	Flowering Plants	Endangered	Wherever found	NA
<i>Bidens micrantha</i> ssp. <i>ctenophylla</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens micrantha</i> ssp. <i>kalealaha</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Bidens wiebkei</i>	Ko'oko'olau	Flowering Plants	Endangered	Wherever found	Final
<i>Blennosperma bakeri</i>	Sonoma sunshine	Flowering Plants	Endangered	Wherever found	NA
<i>Boechera serotina</i>	Shale barren rock cress	Flowering Plants	Endangered	Wherever found	NA
<i>Boltonia decurrens</i>	Decurrent false aster	Flowering Plants	Threatened	Wherever found	NA
<i>Bonamia grandiflora</i>	Florida bonamia	Flowering Plants	Threatened	Wherever found	NA
<i>Bonamia menziesii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Brickellia masieri</i>	Florida brickell-bush	Flowering Plants	Endangered	Wherever found	Final

<i>Brighamia insignis</i>	Otulu	Flowering Plants	Endangered	Wherever found	Final
<i>Brighamia rockii</i>	Pua ʻāla	Flowering Plants	Endangered	Wherever found	Final
<i>Brodiaea filifolia</i>	Thread-leaved brodiaea	Flowering Plants	Threatened	Wherever found	Final
<i>Brodiaea pallida</i>	Chinese Camp brodiaea	Flowering Plants	Threatened	Wherever found	NA
<i>Bulbophyllum guamense</i>	Cebello halumtano	Flowering Plants	Threatened	Wherever found	NA
<i>Buxus vahlii</i>	Vahl's boxwood	Flowering Plants	Endangered	Wherever found	NA
<i>Calamagrostis expansa</i>	Mauī reedgrass	Flowering Plants	Endangered	Wherever found	NA
<i>Calamagrostis hillebrandii</i>	Hillebrand's reedgrass	Flowering Plants	Endangered	Wherever found	Final
<i>Callicarpa ampla</i>	Capa rosa	Flowering Plants	Endangered	Wherever found	NA
<i>Callirhoe scabruscula</i>	Texas poppy-mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Calochortus tiburonensis</i>	Tiburon mariposa lily	Flowering Plants	Threatened	Wherever found	NA
<i>Calyptroanthus thomasiana</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Calyptroidium pulchellum</i>	Mariposa pussypaws	Flowering Plants	Threatened	Wherever found	NA
<i>Calyptronoma rivalis</i>	Palma de manaca	Flowering Plants	Threatened	Wherever found	NA
<i>Calystegia stebbinsi</i>	Stebbins' morning-glory	Flowering Plants	Endangered	Wherever found	NA
<i>Campanula robiniae</i>	Brooksville bellflower	Flowering Plants	Endangered	Wherever found	NA
<i>Canavalia molokaiensis</i>	ʻAwikiki	Flowering Plants	Endangered	Wherever found	Final
<i>Canavalia napaliensis</i>	ʻAwikiki	Flowering Plants	Endangered	Wherever found	Final
<i>Canavalia pubescens</i>	ʻAwikiki	Flowering Plants	Endangered	Wherever found	Final
<i>Cardamine micranthera</i>	Small-anthered bittercress	Flowering Plants	Endangered	Wherever found	NA
<i>Carex albida</i>	White sedge	Flowering Plants	Endangered	Wherever found	NA
<i>Carex lutea</i>	Golden sedge	Flowering Plants	Endangered	Wherever found	Final
<i>Carex specuicola</i>	Navajo sedge	Flowering Plants	Threatened	Wherever found	Final
<i>Castilleja affinis</i> ssp. <i>neglecta</i>	Tiburon paintbrush	Flowering Plants	Endangered	Wherever found	NA
<i>Castilleja campestris</i> ssp. <i>succulenta</i>	Fleshy owl's-clover	Flowering Plants	Threatened	Wherever found	Final
<i>Castilleja cinerea</i>	Ash-grey paintbrush	Flowering Plants	Threatened	Wherever found	Final
<i>Castilleja levisecta</i>	golden paintbrush	Flowering Plants	Threatened	Wherever found	NA
<i>Castilleja malis</i>	Soft-leaved paintbrush	Flowering Plants	Endangered	Wherever found	NA
<i>Catesbaea melanocarpa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Caulanthus californicus</i>	California jewelflower	Flowering Plants	Endangered	Wherever found	NA
<i>Ceanothus ferrisae</i>	Coyote ceanothus	Flowering Plants	Endangered	Wherever found	NA
<i>Ceanothus ophiocanthus</i>	Vail Lake ceanothus	Flowering Plants	Threatened	Wherever found	Final
<i>Ceanothus roderickii</i>	Pine Hill ceanothus	Flowering Plants	Endangered	Wherever found	NA
<i>Cenchrus agrimonoides</i>	Kamanomano	Flowering Plants	Endangered	Wherever found	Final
<i>Centaurium namophilum</i>	Spring-loving centaury	Flowering Plants	Threatened	Wherever found	Final
<i>Cercocarpus traskiae</i>	Catalina Island mountain- mahogany	Flowering Plants	Endangered	Wherever found	NA
<i>Cereus eriophorus</i> var. <i>fragrans</i>	Fragrant prickly- apple	Flowering Plants	Endangered	Wherever found	NA
<i>Chamaecrista glandulosa</i> var. <i>mirabilis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Chamaecrista lineata</i> <i>keyensis</i>	Big Pine partridge pea	Flowering Plants	Endangered	Wherever found	Proposed
<i>Chamaesyce deltoidea</i> <i>pinetorum</i>	Pineland sandmat	Flowering Plants	Threatened	Wherever found	Proposed
<i>Chamaesyce deltoidea</i> <i>serpyllum</i>	Wedge spurge	Flowering Plants	Endangered	Wherever found	Proposed
<i>Chamaesyce deltoidea</i> <i>ssp. deltoidea</i>	Deltoid spurge	Flowering Plants	Endangered	Wherever found	NA
<i>Chamaesyce garberi</i>	Garber's spurge	Flowering Plants	Threatened	Wherever found	NA
<i>Chamaesyce hooveri</i>	Hoover's spurge	Flowering Plants	Threatened	Wherever found	Final
<i>Charpentiera densiflora</i>	Papala	Flowering Plants	Endangered	Wherever found	Final
<i>Chionanthus pygmaeus</i>	Pygmy fringe-tree	Flowering Plants	Endangered	Wherever found	NA
<i>Chloragalum purpureum</i>	Purple amole	Flowering Plants	Threatened	Wherever found	Final
<i>Chorizanthe howellii</i>	Howell's spineflower	Flowering Plants	Endangered	Wherever found	NA
<i>Chorizanthe arcuttiana</i>	Orcutt's spineflower	Flowering Plants	Endangered	Wherever found	NA
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>	Ben Lomond spineflower	Flowering Plants	Endangered	Wherever found	NA
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey spineflower	Flowering Plants	Threatened	Wherever found	Final
<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	Scotts Valley spineflower	Flowering Plants	Endangered	Wherever found	Final
<i>Chorizanthe robusta</i> var. <i>robusta</i>	Robust spineflower	Flowering Plants	Endangered	Wherever found	Final
<i>Chorizanthe valida</i>	Sonoma spineflower	Flowering Plants	Endangered	Wherever found	NA
<i>Chromolaena frustrata</i>	Cape Sable Thoroughwort	Flowering Plants	Endangered	Wherever found	Final
<i>Chrysopsis floridana</i>	Florida golden aster	Flowering Plants	Endangered	Wherever found	NA
<i>Cirsium fontinale</i> var. <i>fontinale</i>	Fountain thistle	Flowering Plants	Endangered	Wherever found	NA
<i>Cirsium fontinale</i> var. <i>obspense</i>	Chorro Creek bog thistle	Flowering Plants	Endangered	Wherever found	NA
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>	Suisun thistle	Flowering Plants	Endangered	Wherever found	Final
<i>Cirsium lancholepis</i>	La Graciosa thistle	Flowering Plants	Endangered	Wherever found	Final
<i>Cirsium pitcheri</i>	Pitcher's thistle	Flowering Plants	Threatened	Wherever found	NA
<i>Cirsium vinaceum</i>	Sacramento Mountains thistle	Flowering Plants	Threatened	Wherever found	NA
<i>Cirsium wrightii</i>	Wright's marsh thistle	Flowering Plants	Proposed Threatened	Wherever found	NA
<i>Clarkia franciscana</i>	Presidio clarkia	Flowering Plants	Endangered	Wherever found	NA
<i>Clarkia imbricata</i>	Vine Hill clarkia	Flowering Plants	Endangered	Wherever found	NA
<i>Clarkia spectiosa</i> ssp. <i>immaculata</i>	Pismo clarkia	Flowering Plants	Endangered	Wherever found	NA
<i>Clarkia springvillensis</i>	Springville clarkia	Flowering Plants	Threatened	Wherever found	NA
<i>Clematis morefieldii</i>	Morefield's leather flower	Flowering Plants	Endangered	Wherever found	NA
<i>Clematis socialis</i>	Alabama leather flower	Flowering Plants	Endangered	Wherever found	NA
<i>Clermontia drepanomorpha</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia lindseyana</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia pelana</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia pyrularia</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clermontia samuelii</i>	ʻOha wai	Flowering Plants	Endangered	Wherever found	Final
<i>Clitoria fragrans</i>	Pigeon wings	Flowering Plants	Threatened	Wherever found	NA
<i>Colubrina oppositifolia</i>	Kaula	Flowering Plants	Endangered	Wherever found	Final
<i>Conradina brevifolia</i>	Short-leaved rosemary	Flowering Plants	Endangered	Wherever found	NA
<i>Conradina etonia</i>	Etonia rosemary	Flowering Plants	Endangered	Wherever found	NA
<i>Conradina globra</i>	Apalachicola rosemary	Flowering Plants	Endangered	Wherever found	NA
<i>Conradina verticillata</i>	Cumberland rosemary	Flowering Plants	Threatened	Wherever found	NA
<i>Consolea corallicola</i>	Florida semaphore Cactus	Flowering Plants	Endangered	Wherever found	Final
<i>Cordia alliodora</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Salt marsh bird's-beak	Flowering Plants	Endangered	Wherever found	NA
<i>Cordylanthus mollis</i> ssp. <i>mollis</i>	Soft bird's-beak	Flowering Plants	Endangered	Wherever found	Final
<i>Cordylanthus palmatus</i>	Palmate-bracted bird's beak	Flowering Plants	Endangered	Wherever found	NA
<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>	Pennell's bird's- beak	Flowering Plants	Endangered	Wherever found	NA
<i>Cornutia abovata</i>	Palo de nigua	Flowering Plants	Endangered	Wherever found	NA
<i>Coryphantha ramillosa</i>	Bunched cory cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Coryphantha robbinsorum</i>	Cochise pincushion cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Coryphantha scheeri</i> var. <i>robustispina</i>	Pima pineapple cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Coryphantha sneedii</i> var. <i>leei</i>	Lee pincushion cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Coryphantha sneedii</i> var. <i>sneedii</i>	Sneed pincushion cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Cranichis ricartii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Crescentia portoricensis</i>	Higuero de sierra	Flowering Plants	Endangered	Wherever found	NA
<i>Crotalaria avonensis</i>	Avon Park harebells	Flowering Plants	Endangered	Wherever found	NA
<i>Cryptantha crassipes</i>	Terlingua Creek cat's-eye	Flowering Plants	Endangered	Wherever found	NA
<i>Cucurbita okeechobeensis</i> ssp. <i>okeechobeensis</i>	Okeechobee gourd	Flowering Plants	Endangered	Wherever found	NA
<i>Cyanea acuminata</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea asarifolia</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea asplenifolia</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea calycina</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea copelandii</i> ssp. <i>copelandii</i>	Haha	Flowering Plants	Endangered	Wherever found	NA
<i>Cyanea copelandii</i> ssp. <i>haleakalaensis</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea crispata</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea dolichopoda</i>	Haha	Flowering Plants	Endangered	Wherever found	Final

<i>Cyanea dunbariae</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea duvalliorum</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea eleleensis</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea gibsonii</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea glabra</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea grimesiana ssp. grimesiana</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea grimesiana ssp. obatae</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea hamatiflora ssp. carlsanii</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea hamatiflora ssp. hamatiflora</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea horrida</i>	haha nui	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea humboldtiana</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea kauaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Cyanea kalekaleensis</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea koolauensis</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea kuhihewa</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea kunthiana</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea lanceolata</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea lobata</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea longiflora</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea magnicalyx</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea manni</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea maritae</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea marsii</i>	Haha	Flowering Plants	Endangered	Wherever found	NA
<i>Cyanea mauensis</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea mcdowneyi</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea munroi</i>	haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea obtusa</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea pinnatifida</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea platyphylla</i>	'aku'aku	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea procera</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea profuga</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea purpurellifolia</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea recta</i>	Haha	Flowering Plants	Threatened	Wherever found	Final
<i>Cyanea remyi</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea rivularis</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea shipmanii</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea salanacea</i>	Popolo	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea st.-johnii</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea stictophylla</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea superba</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea tritomantha</i>	'aku	Flowering Plants	Endangered	Wherever found	NA
<i>Cyanea truncata</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cyanea undulata</i>	Haha	Flowering Plants	Endangered	Wherever found	Final
<i>Cycladenia humilis var. jonesii</i>	Jones Cycladenia	Flowering Plants	Threatened	Wherever found	NA
<i>Cyperus faurei</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Cyperus neokunthianus</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Cyperus pennatiflorus</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Cyperus trachysanthos</i>	Pu'uka'a	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra crenata</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	NA
<i>Cyrandra cyaneoides</i>	Mapele	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra dentata</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra feropilosa</i>	haiwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra filipes</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra giffardii</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra gracilis</i>	Haiwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra hematos</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	NA
<i>Cyrandra kaulantha</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra limahuliensis</i>	Ha iwale	Flowering Plants	Threatened	Wherever found	Final
<i>Cyrandra munroi</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra nanawaleensis</i>	haiwale	Flowering Plants	Endangered	Wherever found	NA
<i>Cyrandra oenobarba</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra oxybapha</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra paliku</i>	Haiwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra polyantha</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra sessilis</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra subumbellata</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra tintinnabula</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra viridiflora</i>	Ha iwale	Flowering Plants	Endangered	Wherever found	Final
<i>Cyrandra wagneri</i>	haiwale	Flowering Plants	Endangered	Wherever found	NA
<i>Cyrandra waiolani</i>	Haiwale	Flowering Plants	Endangered	Wherever found	Final
<i>Dalea carthagensis floridana</i>	Florida prairie-clover	Flowering Plants	Endangered	Wherever found	Proposed
<i>Dalea foliosa</i>	Leafy prairie-clover	Flowering Plants	Endangered	Wherever found	NA
<i>Daphnopsis helleriana</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Deeringothamnus pulchellus</i>	Beautiful pawpaw	Flowering Plants	Endangered	Wherever found	NA
<i>Deeringothamnus rugelii</i>	Rugel's pawpaw	Flowering Plants	Endangered	Wherever found	NA
<i>Deinandra (=Hemizonia) conjugens</i>	Otay tarplant	Flowering Plants	Threatened	Wherever found	Final
<i>Deinandra increscens ssp. villosa</i>	Gaviota Tarplant	Flowering Plants	Endangered	Wherever found	Final
<i>Delissea rhytidosperma</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Delissea subcordata</i>	Oha	Flowering Plants	Endangered	Wherever found	Final
<i>Delissea undulata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Delphinium bakeri</i>	Baker's larkspur	Flowering Plants	Endangered	Wherever found	Final
<i>Delphinium luteum</i>	Yellow larkspur	Flowering Plants	Endangered	Wherever found	Final
<i>Dendrobium guamense</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Dicerandra christmanii</i>	Garrett's mint	Flowering Plants	Endangered	Wherever found	NA
<i>Dicerandra cornutissima</i>	Longspurred mint	Flowering Plants	Endangered	Wherever found	NA
<i>Dicerandra frutescens</i>	Scrub mint	Flowering Plants	Endangered	Wherever found	NA
<i>Dicerandra immaculata</i>	Lakela's mint	Flowering Plants	Endangered	Wherever found	NA
<i>Digitaria pauciflora</i>	Florida pineland crabgrass	Flowering Plants	Threatened	Wherever found	Proposed
<i>Diplacus vandenbergensis</i>	Vandenberg monkeyflower	Flowering Plants	Endangered	Wherever found	Final
<i>Dodecahema leptoceras</i>	Slender-horned spineflower	Flowering Plants	Endangered	Wherever found	NA
<i>Dubautia herbastobatae</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia imbricata ssp. imbricata</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia kalalauensis</i>	Naenae	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia kenwoodii</i>	Naenae	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia latifolia</i>	Koholapehu	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia pauciflora</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia plantaginea ssp. humilis</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia plantaginea ssp. magnifolia</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dubautia waialeale</i>	Na'ena'e	Flowering Plants	Endangered	Wherever found	Final
<i>Dudleya abramsii ssp. parva</i>	Conejo dudleya	Flowering Plants	Threatened	Wherever found	NA
<i>Dudleya cymosa ssp. marcescens</i>	Marcescent dudleya	Flowering Plants	Threatened	Wherever found	NA
<i>Dudleya cymosa ssp. ovatifolia</i>	Santa Monica Mountains dudleya	Flowering Plants	Threatened	Wherever found	NA
<i>Dudleya nesiotica</i>	Santa Cruz island dudleya	Flowering Plants	Threatened	Wherever found	NA
<i>Dudleya setchellii</i>	Santa Clara Valley dudleya	Flowering Plants	Endangered	Wherever found	NA
<i>Dudleya stolonifera</i>	Laguna Beach liveforever	Flowering Plants	Threatened	Wherever found	NA
<i>Dudleya taskiae</i>	Santa Barbara Island liveforever	Flowering Plants	Endangered	Wherever found	NA
<i>Dudleya verityi</i>	Verity's dudleya	Flowering Plants	Threatened	Wherever found	NA

<i>Echinacea laevigata</i>	Smooth coneflower	Flowering Plants	Threatened	Wherever found	NA
<i>Echinocactus horizontalianus</i> var. <i>nicholii</i>	Nichol's Turk's head cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Echinocereus arizonicus</i> ssp. <i>arizonicus</i>	Arizona hedgehog cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Echinocereus chisoensis</i> var. <i>chisoensis</i>	Chisos Mountain hedgehog Cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	Kuenzler hedgehog cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Echinocereus reichenbachii</i> var. <i>alberti</i>	Black lace cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Echinocereus viridiflorus</i> var. <i>davisii</i>	Davis' green pitaya	Flowering Plants	Endangered	Wherever found	NA
<i>Echinomastus erectocentrus</i> var. <i>acutensis</i>	Acuna Cactus	Flowering Plants	Endangered	Wherever found	Final
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray	Flowering Plants	Threatened	Wherever found	Final
<i>Eragrostis fosbergii</i>	Fosberg's love grass	Flowering Plants	Endangered	Wherever found	Final
<i>Eremalche kernensis</i>	Kern mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woolly-star	Flowering Plants	Endangered	Wherever found	NA
<i>Erigeron decumbens</i>	Willamette daisy	Flowering Plants	Endangered	Wherever found	Final
<i>Erigeron parishii</i>	Parish's daisy	Flowering Plants	Threatened	Wherever found	Final
<i>Erigeron rhizomatus</i>	Zuni Reabane	Flowering Plants	Threatened	Wherever found	NA
<i>Eriodictyon altissimum</i>	Indian Knob mountainbalm	Flowering Plants	Endangered	Wherever found	NA
<i>Eriodictyon capitatum</i>	Lompoc yerba santa	Flowering Plants	Endangered	Wherever found	Final
<i>Eriogonum apricum</i> (incl. var. <i>prostratum</i> )	lone (incl. Irish Hill) buckwheat	Flowering Plants	Endangered	Wherever found	NA
<i>Eriogonum codium</i>	Umtanum desert buckwheat	Flowering Plants	Threatened	Wherever found	Final
<i>Eriogonum gypsophilum</i>	Gypsum wild- buckwheat	Flowering Plants	Threatened	Wherever found	Final
<i>Eriogonum kennedyi</i> var. <i>austrorontanum</i>	Southern mountain wild- buckwheat	Flowering Plants	Threatened	Wherever found	Final
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	Scrub buckwheat	Flowering Plants	Threatened	Wherever found	NA
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	Cushenbury buckwheat	Flowering Plants	Endangered	Wherever found	Final
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	Flowering Plants	Endangered	Wherever found	NA
<i>Eriogonum pelinophilum</i>	Clay-Loving wild buckwheat	Flowering Plants	Endangered	Wherever found	Final
<i>Eriogonum tehmi</i>	Tiehm's buckwheat	Flowering Plants	Endangered	Wherever found	Proposed
<i>Eriophyllum latilobum</i>	San Mateo woolly sunflower	Flowering Plants	Endangered	Wherever found	NA
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	Flowering Plants	Endangered	Wherever found	NA
<i>Eryngium constancei</i>	Loch Lomond coyote thistle	Flowering Plants	Endangered	Wherever found	NA
<i>Eryngium cuneifolium</i>	Snakeroot	Flowering Plants	Endangered	Wherever found	NA
<i>Eryngium sparganophyllum</i>	Arizona eryngo	Flowering Plants	Endangered	Wherever found	Final
<i>Erysimum capitatum</i> var. <i>angustatum</i>	Contra Costa wallflower	Flowering Plants	Endangered	Wherever found	Final
<i>Erysimum menziesii</i>	Menzies' wallflower	Flowering Plants	Endangered	Wherever found	NA
<i>Erysimum terebinthifolium</i>	Ben Lomond wallflower	Flowering Plants	Endangered	Wherever found	NA
<i>Erythronium propolans</i>	Minnesota dwarf trout lily	Flowering Plants	Endangered	Wherever found	NA
<i>Escobaria minima</i>	Nellie's cory cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Eugenia bryanii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Eugenia haematocarpa</i>	Uvillo	Flowering Plants	Endangered	Wherever found	NA
<i>Eugenia koalaensis</i>	Nioi	Flowering Plants	Endangered	Wherever found	Final
<i>Eugenia woodburyana</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Euphorbia celastroides</i> var. <i>kaenana</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia deppeana</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia eleanoriae</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia haeleleana</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia halemanui</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia herbstii</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia kuwaleana</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia remyi</i> var. <i>kauaiensis</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia remyi</i> var. <i>remyi</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia rockii</i>	'Akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia scottsbergii</i> var. <i>scottsbergii</i>	Ewa Plains 'akoko	Flowering Plants	Endangered	Wherever found	Final
<i>Euphorbia telephoides</i>	Telephus spurge	Flowering Plants	Threatened	Wherever found	NA
<i>Eutrema penlandii</i>	Penland alpine fen mustard	Flowering Plants	Threatened	Wherever found	NA
<i>Exocarpos luteolus</i>	Heau	Flowering Plants	Endangered	Wherever found	Final
<i>Exocarpos menziesii</i>	Heau	Flowering Plants	Endangered	Wherever found	NA
<i>Festuca hawaiiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Festuca ligulata</i>	Guadalupe fescue	Flowering Plants	Endangered	Wherever found	Final
<i>Festuca molokaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Flueggea neowawraea</i>	Mehamehame	Flowering Plants	Endangered	Wherever found	Final
<i>Fremontodendron californicum</i> ssp. <i>decumbens</i>	Pine Hill flannelbush	Flowering Plants	Endangered	Wherever found	NA
<i>Fremontodendron mexicanum</i>	Mexican flannelbush	Flowering Plants	Endangered	Wherever found	Final
<i>Fritillaria gentneri</i>	Gentner's Fritillary	Flowering Plants	Endangered	Wherever found	NA
<i>Galactia smallii</i>	Small's milkpea	Flowering Plants	Endangered	Wherever found	NA
<i>Galium buxifolium</i>	Island bedstraw	Flowering Plants	Endangered	Wherever found	NA
<i>Galium californicum</i> ssp. <i>sierrae</i>	El Dorado bedstraw	Flowering Plants	Endangered	Wherever found	NA
<i>Gardenia brighamii</i>	Hawaiian gardenia (=Na' u)	Flowering Plants	Endangered	Wherever found	NA
<i>Gardenia mannii</i>	Nanu	Flowering Plants	Endangered	Wherever found	Final
<i>Gardenia remyi</i>	Nanu	Flowering Plants	Endangered	Wherever found	NA
<i>Geocarpon minimum</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Geranium arboreum</i>	Nohoanu	Flowering Plants	Endangered	Wherever found	Final
<i>Geranium hanaense</i>	Nohoanu	Flowering Plants	Endangered	Wherever found	Final
<i>Geranium hillebrandii</i>	Nohoanu	Flowering Plants	Endangered	Wherever found	Final
<i>Geranium kauaiense</i>	Nohoanu	Flowering Plants	Endangered	Wherever found	Final
<i>Geranium multiflorum</i>	Nohoanu	Flowering Plants	Endangered	Wherever found	Final
<i>Gesneria pauciflora</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Geum radiatum</i>	Spreading avens	Flowering Plants	Endangered	Wherever found	NA
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	Monterey gilia	Flowering Plants	Endangered	Wherever found	NA
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>	Hoffmann's slender- flowered gilia	Flowering Plants	Endangered	Wherever found	NA
<i>Goetzea elegans</i>	Beautiful goetzea	Flowering Plants	Endangered	Wherever found	NA
<i>Gonocalyx concolor</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Gouania hillebrandii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Gouania meyenii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Gouania vitifolia</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Graptopetalum bartramii</i>	Bartram's stonecrop	Flowering Plants	Threatened	Wherever found	Proposed
<i>Grindelia fraxinipratensis</i>	Ash Meadows gumplant	Flowering Plants	Threatened	Wherever found	Final
<i>Hackelia venusta</i>	Showy stickseed	Flowering Plants	Endangered	Wherever found	NA
<i>Haplostachys haplostachya</i>	Honohono	Flowering Plants	Endangered	Wherever found	NA
<i>Harperocalyx flava</i>	Harper's beauty	Flowering Plants	Endangered	Wherever found	NA
<i>Harrisia</i> (=Cereus) <i>aboriginum</i> (=gracilis)	Aboriginal Prickly-apple	Flowering Plants	Endangered	Wherever found	Final
<i>Harrisia portoricensis</i>	Higo Chumbo	Flowering Plants	Threatened	Wherever found	NA
<i>Hedeoma todsenii</i>	Todsen's pennyroyal	Flowering Plants	Endangered	Wherever found	Final
<i>Hedyotis megalantha</i>	Pauddo	Flowering Plants	Endangered	Wherever found	NA
<i>Hedyotis purpurea</i> var. <i>montana</i>	Roan Mountain bluet	Flowering Plants	Endangered	Wherever found	NA
<i>Helenium virginicum</i>	Virginia sneezeweed	Flowering Plants	Threatened	Wherever found	NA
<i>Helianthemum greenii</i>	Island rush-rose	Flowering Plants	Threatened	Wherever found	NA
<i>Helianthus paradoxus</i>	Pecos (=puzzle, =paradox) sunflower	Flowering Plants	Threatened	Wherever found	Final
<i>Helianthus schweinitzii</i>	Schweinitz's sunflower	Flowering Plants	Endangered	Wherever found	NA
<i>Helianthus verticillatus</i>	Whorled Sunflower	Flowering Plants	Endangered	Wherever found	Final
<i>Helonias bullata</i>	Swamp pink	Flowering Plants	Threatened	Wherever found	NA
<i>Heritiera longipetiolata</i>	Ufa-halomtano	Flowering Plants	Endangered	Wherever found	NA
<i>Hesperolinon congestum</i>	Marin dwarf- flax	Flowering Plants	Threatened	Wherever found	NA
<i>Hesperomannia arborescens</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Hesperomannia arbuscula</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Hesperomannia lydgatei</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Hexastylis naniflora</i>	Dwarf-flowered heartleaf	Flowering Plants	Threatened	Wherever found	NA
<i>Hibiscadelphus distans</i>	Kauai hau kuaahi	Flowering Plants	Endangered	Wherever found	NA
<i>Hibiscadelphus giffardianus</i>	Hau kuaahi	Flowering Plants	Endangered	Wherever found	Final

<i>Hibiscadelphus hualalaiensis</i>	Hau kuahiwi	Flowering Plants	Endangered	Wherever found	Final
<i>Hibiscadelphus woodii</i>	Hau kuahiwi	Flowering Plants	Endangered	Wherever found	Final
<i>Hibiscus arnottianus</i> ssp. <i>immaculatus</i>	Koki'o ke'oke'o	Flowering Plants	Endangered	Wherever found	Final
<i>Hibiscus brackenridgei</i>	(=Native yellow hibiscus) ma'o hau hele	Flowering Plants	Endangered	Wherever found	Final
<i>Hibiscus clayi</i>	Clay's hibiscus	Flowering Plants	Endangered	Wherever found	Final
<i>Hibiscus dasycalyx</i>	Neches River rose-mallow	Flowering Plants	Threatened	Wherever found	Final
<i>Hibiscus waimeae</i> ssp. <i>hanneriae</i>	Koki'o ke'oke'o	Flowering Plants	Endangered	Wherever found	Final
<i>Hoffmannseggia tenella</i>	Slender rush-pea	Flowering Plants	Endangered	Wherever found	NA
<i>Holocarpha macradenia</i>	Santa Cruz tarplant	Flowering Plants	Threatened	Wherever found	Final
<i>Hudsonia montana</i>	Mountain golden heather	Flowering Plants	Threatened	Wherever found	Final
<i>Hymenoxys herbacea</i>	Lakeside daisy	Flowering Plants	Threatened	Wherever found	NA
<i>Hymenoxys texana</i>	Texas prairie dawn-flower	Flowering Plants	Endangered	Wherever found	NA
<i>Hypericum cumulicola</i>	Highlands scrub hypericum	Flowering Plants	Endangered	Wherever found	NA
<i>Ilex cookii</i>	Cook's holly	Flowering Plants	Endangered	Wherever found	NA
<i>Ilex sintenisii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Ilamna corei</i>	Peter's Mountain mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Ipomopsis polyantha</i>	Pagosa skyrocket	Flowering Plants	Endangered	Wherever found	Final
<i>Ipomopsis sancti-spiritus</i>	Holy Ghost ipomopsis	Flowering Plants	Endangered	Wherever found	NA
<i>Iris lacustris</i>	Dwarf lake iris	Flowering Plants	Threatened	Wherever found	NA
<i>Ischaemum byrone</i>	Hilo ischaemum	Flowering Plants	Endangered	Wherever found	Final
<i>Isodendron hosokae</i>	Aupaka	Flowering Plants	Endangered	Wherever found	Final
<i>Isodendron laurifolium</i>	Aupaka	Flowering Plants	Endangered	Wherever found	Final
<i>Isodendron longifolium</i>	Aupaka	Flowering Plants	Threatened	Wherever found	Final
<i>Isodendron pyriforme</i>	wahine noho Kula	Flowering Plants	Endangered	Wherever found	Final
<i>Isotria medeoloides</i>	Small whorled pogonia	Flowering Plants	Threatened	Wherever found	NA
<i>Ivesia kingii</i> var. <i>eremica</i>	Ash Meadows ivesia	Flowering Plants	Threatened	Wherever found	Final
<i>Ivesia webberi</i>	Webber's ivesia	Flowering Plants	Threatened	Wherever found	Final
<i>Jacquemantia reclinata</i>	Beach jacquemontia	Flowering Plants	Endangered	Wherever found	NA
<i>Joinvillea ascendens ascendens</i>	'Ohe	Flowering Plants	Endangered	Wherever found	NA
<i>Juglans jamaicensis</i>	West Indian Walnut (=Nogal)	Flowering Plants	Endangered	Wherever found	NA
<i>Justicia coolleyi</i>	Coolley's water-willow	Flowering Plants	Endangered	Wherever found	NA
<i>Kadua cookiana</i>	'Awiiwi	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua cordata remyi</i>	kopa	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua coriacea</i>	Kio'ele	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua degeneri</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua fluviatilis</i>	Kamapua'a	Flowering Plants	Endangered	Wherever found	NA
<i>Kadua haupuensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Kadua laxiflora</i>	pilo	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua parvula</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Kadua st.-johnii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Kanaloa kahoalawensis</i>	Kohe malama malama o kanaloa	Flowering Plants	Endangered	Wherever found	Final
<i>Keysseria</i> (=Lagenifera) <i>erici</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Keysseria</i> (=Lagenifera) <i>helenae</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Kokia cookii</i>	Cook's koki'o	Flowering Plants	Endangered	Wherever found	Final
<i>Kokia drynarioides</i>	Koki'o	Flowering Plants	Endangered	Wherever found	Final
<i>Kokia kauaiensis</i>	Koki'o	Flowering Plants	Endangered	Wherever found	Final
<i>Korthalsella degeneri</i>	Hulumoa	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia cythodrae</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia helleri</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia lorenciana</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Labordia lydgatei</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia pumila</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia tinifolia</i> var. <i>lanaiensis</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia tinifolia</i> var. <i>wahiawaensis</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Labordia triflora</i>	Kamakahala	Flowering Plants	Endangered	Wherever found	Final
<i>Lasthenia burkei</i>	Burke's goldfields	Flowering Plants	Endangered	Wherever found	NA
<i>Lasthenia conjugens</i>	Contra Costa goldfields	Flowering Plants	Endangered	Wherever found	Final
<i>Layia carmosa</i>	Beach layia	Flowering Plants	Threatened	Wherever found	NA
<i>Leavenworthia crassa</i>	Fleshy-fruit gladiolus	Flowering Plants	Endangered	Wherever found	Final
<i>Leavenworthia exigua laciniata</i>	Kentucky gladiolus	Flowering Plants	Threatened	Wherever found	Final
<i>Leavenworthia texana</i>	Texas golden gladiolus	Flowering Plants	Endangered	Wherever found	Final
<i>Lepidium arbuscula</i>	'Anaanau	Flowering Plants	Endangered	Wherever found	Final
<i>Lepidium barnebynum</i>	Barneby ridge-cress	Flowering Plants	Endangered	Wherever found	NA
<i>Lepidium orbiculare</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Lepidium papilliferum</i>	Slickspot peppergrass	Flowering Plants	Threatened	Wherever found	Proposed
<i>Leptocereus grantianus</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Lespedeza leptostachya</i>	Prairie bush-clover	Flowering Plants	Threatened	Wherever found	NA
<i>Lesquerella congesta</i>	Dudley Bluffs bladderpod	Flowering Plants	Threatened	Wherever found	NA
<i>Lesquerella kingii</i> ssp. <i>bernardina</i>	San Bernardino Mountains bladderpod	Flowering Plants	Endangered	Wherever found	Final
<i>Lesquerella lyrata</i>	Lyrate bladderpod	Flowering Plants	Threatened	Wherever found	NA
<i>Lesquerella perforata</i>	Spring Creek bladderpod	Flowering Plants	Endangered	Wherever found	NA
<i>Lesquerella tumulosa</i>	Kodachrome bladderpod	Flowering Plants	Endangered	Wherever found	NA
<i>Lessingia germanorum</i> (=L.g. var. <i>germanorum</i> )	San Francisco lessingia	Flowering Plants	Endangered	Wherever found	NA
<i>Liatis helleri</i>	Heller's blazingstar	Flowering Plants	Threatened	Wherever found	NA
<i>Liatis ohlingerae</i>	Scrub blazingstar	Flowering Plants	Endangered	Wherever found	NA
<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i>	Huachuca water-umbel	Flowering Plants	Endangered	Wherever found	Final
<i>Lilium occidentale</i>	Western lily	Flowering Plants	Endangered	Wherever found	NA
<i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	Pitkin Marsh lily	Flowering Plants	Endangered	Wherever found	NA
<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	Flowering Plants	Endangered	Wherever found	Final
<i>Limnanthes pumila</i> ssp. <i>grandiflora</i>	Large-flowered woolly meadowfoam	Flowering Plants	Endangered	Wherever found	Final
<i>Limnanthes vincularis</i>	Sebastopol meadowfoam	Flowering Plants	Endangered	Wherever found	NA
<i>Lindera melissifolia</i>	Pondberry	Flowering Plants	Endangered	Wherever found	NA
<i>Linum arenicola</i>	Sand flax	Flowering Plants	Endangered	Wherever found	Proposed
<i>Linum carteri carteri</i>	Carter's small-flowered flax	Flowering Plants	Endangered	Wherever found	Final
<i>Lipochaeta fauriei</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Lipochaeta lobata</i> var. <i>leptophylla</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Lipochaeta micrantha</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Lipochaeta venosa</i>	nehe	Flowering Plants	Endangered	Wherever found	NA
<i>Lipochaeta waimeensis</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Lithophragma maximum</i>	San Clemente Island woodland-star	Flowering Plants	Endangered	Wherever found	NA
<i>Lobelia kaulaensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lobelia monostachya</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lobelia niihauensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lobelia oahuensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lomatium cookii</i>	Cook's lomatium	Flowering Plants	Endangered	Wherever found	Final
<i>Lupinus aridorum</i>	Scrub lupine	Flowering Plants	Endangered	Wherever found	NA
<i>Lupinus constancei</i>	Lassics lupine	Flowering Plants	Proposed Endangered	Wherever found	NA
<i>Lupinus nipomensis</i>	Nipomo Mesa lupine	Flowering Plants	Endangered	Wherever found	NA
<i>Lupinus sulphureus</i> ssp. <i>kincaidii</i>	Kincaid's Lupine	Flowering Plants	Threatened	Wherever found	Final
<i>Lupinus tidestromii</i>	Clover (Tidestrom's) lupine	Flowering Plants	Endangered	Wherever found	NA
<i>Lyonia truncata</i> var. <i>proctorii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Lysimachia asperulaefolia</i>	Rough-leaved loosestrife	Flowering Plants	Endangered	Wherever found	NA
<i>Lysimachia daphnoides</i>	lehua makaoe	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia filifolia</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia iniki</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia lydgatei</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia maxima</i>	No common name	Flowering Plants	Endangered	Wherever found	Final

<i>Lysimachia pendens</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia scopulensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Lysimachia venosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Macbridea alba</i>	White birds-in- a-nest	Flowering Plants	Threatened	Wherever found	NA
<i>Maesa walker</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Malacothamnus fasciculatus var. nesoticus</i>	Santa Cruz Island bush- mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Malacothrix indecora</i>	Santa Cruz Island malacothrix	Flowering Plants	Endangered	Wherever found	NA
<i>Malacothrix squalida</i>	Island malacothrix	Flowering Plants	Endangered	Wherever found	NA
<i>Manihot walkerae</i>	Walker's manioc	Flowering Plants	Endangered	Wherever found	NA
<i>Marshallia mohri</i>	Mohr's Barbara's buttons	Flowering Plants	Threatened	Wherever found	NA
<i>Melanthera kamolensis</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Melanthera tenuifolia</i>	nehe	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope adscendens</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope bailou</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope christophersenii</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope degeneri</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope haupuensis</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope hiakae</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope knudsenii</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope lydgatei</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope makahae</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope mucronulata</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope munra</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope ovalis</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope pallida</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope paniculata</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope puberula</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope quadrangularis</i>	Alani	Flowering Plants	Endangered	Wherever found	NA
<i>Melicope reflexa</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope saint-johnii</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Melicope zahlbruckneri</i>	Alani	Flowering Plants	Endangered	Wherever found	Final
<i>Mentzelia leucophylla</i>	Ash Meadows blazingstar	Flowering Plants	Threatened	Wherever found	Final
<i>Mezoneuron kavaense</i>	Uhi uhi	Flowering Plants	Endangered	Wherever found	Final
<i>Mimulus michiganensis</i>	Michigan monkey-flower	Flowering Plants	Endangered	Wherever found	NA
<i>Mirabilis macfarlanei</i>	MacFarlane's four-o'clock	Flowering Plants	Threatened	Wherever found	NA
<i>Mitracarpus maxwelliae</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Mitracarpus polycladus</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Monardella viminea</i>	Willow monardella	Flowering Plants	Endangered	Wherever found	Final
<i>Monolopia (=Lembertia) congdonii</i>	San Joaquin wooly-threads	Flowering Plants	Endangered	Wherever found	NA
<i>Mucuna sloanei var. persericia</i>	sea bean	Flowering Plants	Endangered	Wherever found	Final
<i>Myrcia paganii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Myrsine fosbergii</i>	Kolea	Flowering Plants	Endangered	Wherever found	NA
<i>Myrsine juddii</i>	Kolea	Flowering Plants	Endangered	Wherever found	Final
<i>Myrsine knudsenii</i>	Kolea	Flowering Plants	Endangered	Wherever found	Final
<i>Myrsine linearifolia</i>	Kolea	Flowering Plants	Threatened	Wherever found	Final
<i>Myrsine mezii</i>	Kolea	Flowering Plants	Endangered	Wherever found	Final
<i>Myrsine vaccinioides</i>	Kolea	Flowering Plants	Endangered	Wherever found	Final
<i>Navarretia fossalis</i>	Spreading navarretia	Flowering Plants	Threatened	Wherever found	Final
<i>Navarretia leucocephala ssp. pauciflora (=N. pauciflora)</i>	Few-flowered navarretia	Flowering Plants	Endangered	Wherever found	NA
<i>Navarretia leucocephala ssp. pleantha</i>	Many-flowered navarretia	Flowering Plants	Endangered	Wherever found	NA
<i>Neostapfia colusana</i>	Colusa grass	Flowering Plants	Threatened	Wherever found	Final
<i>Neraudia angulata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Neraudia ovata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Neraudia sericea</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Nervilia jacksoniae</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Nesogenes rotensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Nitrophila mohavensis</i>	Amargosa niterwort	Flowering Plants	Endangered	Wherever found	Final
<i>Nolina brittaniana</i>	Britton's beargrass	Flowering Plants	Endangered	Wherever found	NA
<i>Nothoacrostium breviflorum</i>	'Aiea	Flowering Plants	Endangered	Wherever found	Final
<i>Nothoacrostium latifolium</i>	'Aiea	Flowering Plants	Endangered	Wherever found	NA
<i>Nothoacrostium peltatum</i>	'Aiea	Flowering Plants	Endangered	Wherever found	Final
<i>Nototrichium humile</i>	Kulu'i	Flowering Plants	Endangered	Wherever found	Final
<i>Ochrosia haleakalae</i>	Holei	Flowering Plants	Endangered	Wherever found	NA
<i>Ochrosia kilaeoensis</i>	Holei	Flowering Plants	Endangered	Wherever found	NA
<i>Oenothera deltooides ssp. howellii</i>	Antioch Dunes evening- primrose	Flowering Plants	Endangered	Wherever found	Final
<i>Opuntia treleasei</i>	Bakersfield cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Orcuttia californica</i>	California Orcutt grass	Flowering Plants	Endangered	Wherever found	NA
<i>Orcuttia inaequalis</i>	San Joaquin Valley Orcutt grass	Flowering Plants	Threatened	Wherever found	Final
<i>Orcuttia pilosa</i>	Hairy Orcutt grass	Flowering Plants	Endangered	Wherever found	Final
<i>Orcuttia tenuis</i>	Slender Orcutt grass	Flowering Plants	Threatened	Wherever found	Final
<i>Orcuttia viscida</i>	Sacramento Orcutt grass	Flowering Plants	Endangered	Wherever found	Final
<i>Osmoxylon mariannense</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Ottoschulzia rhadoxylon</i>	Palo de rosa	Flowering Plants	Threatened	Wherever found	NA
<i>Oxypolis canbyi</i>	Canby's dropwort	Flowering Plants	Endangered	Wherever found	NA
<i>Oxytheca parishii var. goodmaniana</i>	Cushenbury oxytheca	Flowering Plants	Endangered	Wherever found	Final
<i>Oxytropis campestris var. chartacea</i>	Fassett's locoweed	Flowering Plants	Threatened	Wherever found	NA
<i>Packera franciscana</i>	San Francisco Peaks ragwort	Flowering Plants	Threatened	Wherever found	Final
<i>Panicum fauriei var. carteri</i>	Carter's panicgrass	Flowering Plants	Endangered	Wherever found	Final
<i>Panicum nihaense</i>	Lau 'ehu	Flowering Plants	Endangered	Wherever found	Final
<i>Paronychia chartacea</i>	Papery whitlow- wort	Flowering Plants	Threatened	Wherever found	NA
<i>Parvisedum leiocarpum</i>	Lake County stoncrop	Flowering Plants	Endangered	Wherever found	NA
<i>Pectis imberbis</i>	beardless chinchweed	Flowering Plants	Endangered	Wherever found	Final
<i>Pedicularis furbishiae</i>	Furbish lousewort	Flowering Plants	Endangered	Wherever found	NA
<i>Pediocactus (=Echinocactus,=Utahia) sileri</i>	Siler pincushion cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Pediocactus bradyi</i>	Brady pincushion cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Pediocactus despainii</i>	San Rafael cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Pediocactus knowltonii</i>	Knowlton's cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Pediocactus peeblesianus ssp. fickeiseniae</i>	Fickeisen plains cactus	Flowering Plants	Endangered	Wherever found	Final
<i>Pediocactus peeblesianus ssp. peeblesianus</i>	Peebles Navajo cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Pediocactus winkleri</i>	Winkler cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Penstemon debilis</i>	Parachute beardtongue	Flowering Plants	Threatened	Wherever found	Final
<i>Penstemon haydenii</i>	Blowout penstemon	Flowering Plants	Endangered	Wherever found	NA
<i>Penstemon penlandii</i>	Penland beardtongue	Flowering Plants	Endangered	Wherever found	NA
<i>Pentachaeta bellidiflora</i>	White-rayed pentachaeta	Flowering Plants	Endangered	Wherever found	NA
<i>Pentachaeta lyonii</i>	Lyon's pentachaeta	Flowering Plants	Endangered	Wherever found	Final
<i>Peperomia subpetiolata</i>	'Ala 'ala wai nui	Flowering Plants	Endangered	Wherever found	Final
<i>Peperomia wheeleri</i>	Wheeler's peperomia	Flowering Plants	Endangered	Wherever found	NA
<i>Peucedanum sandwicense</i>	Makou	Flowering Plants	Threatened	Wherever found	Final
<i>Phacelia argentea</i>	Sand dune phacelia	Flowering Plants	Proposed Threatened	Wherever found	NA
<i>Phacelia argillacea</i>	Clay phacelia	Flowering Plants	Endangered	Wherever found	NA
<i>Phacelia formosula</i>	North Park phacelia	Flowering Plants	Endangered	Wherever found	NA
<i>Phacelia insularis ssp. insularis</i>	Island phacelia	Flowering Plants	Endangered	Wherever found	NA
<i>Phacelia submutica</i>	DeBeque phacelia	Flowering Plants	Threatened	Wherever found	Final
<i>Phlox hirsuta</i>	Yreka phlox	Flowering Plants	Endangered	Wherever found	NA
<i>Phlox nivalis ssp. texensis</i>	Texas trailing phlox	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllanthus saffordii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia bracteata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final

<i>Phyllostegia brevidens</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia floribunda</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia glabra</i> var. <i>lanaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia haliakalae</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia helleri</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia hirsuta</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia hispida</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia kaalaensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia knudsenii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia mannii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia mollis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia parviflora</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia pilosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia racemosa</i>	Kiponapona	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia renovans</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia stachyoides</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Phyllostegia velutina</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia waimeae</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia warshaueri</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Phyllostegia wawrana</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Physaria douglasii</i> ssp. <i>tuplashensis</i>	White Bluffs bladderpod	Flowering Plants	Threatened	Wherever found	Final
<i>Physaria filiformis</i>	Missouri bladderpod	Flowering Plants	Threatened	Wherever found	NA
<i>Physaria globosa</i>	Short's bladderpod	Flowering Plants	Endangered	Wherever found	Final
<i>Physaria obcordata</i>	Dudley Bluffs twinpod	Flowering Plants	Threatened	Wherever found	NA
<i>Physaria pallida</i>	White bladderpod	Flowering Plants	Endangered	Wherever found	NA
<i>Physaria thamnophila</i>	Zapata bladderpod	Flowering Plants	Endangered	Wherever found	Final
<i>Pilosocereus robinii</i>	Key tree cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Pinguicula lanantha</i>	Godfrey's butterwort	Flowering Plants	Threatened	Wherever found	NA
<i>Piperia yadonii</i>	Yadon's piperia	Flowering Plants	Endangered	Wherever found	Final
<i>Pittosporum halophilum</i>	Hoawa	Flowering Plants	Endangered	Wherever found	Final
<i>Pittosporum hawaiiense</i>	Hoawa	Flowering Plants	Endangered	Wherever found	NA
<i>Pittosporum napaliense</i>	Ho'awa	Flowering Plants	Endangered	Wherever found	Final
<i>Pityopsis ruthii</i>	Ruth's golden aster	Flowering Plants	Endangered	Wherever found	NA
<i>Plagiobothrys hirtus</i>	rough popcornflower	Flowering Plants	Endangered	Wherever found	NA
<i>Plagiobothrys strictus</i>	Calistoga allocarya	Flowering Plants	Endangered	Wherever found	NA
<i>Plantago hawaiiensis</i>	Kuahiiwi laukahi	Flowering Plants	Endangered	Wherever found	Final
<i>Plantago princeps</i>	Kuahiiwi laukahi	Flowering Plants	Endangered	Wherever found	Final
<i>Platanthera holochila</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Platanthera integrilabia</i>	White fringeless orchid	Flowering Plants	Threatened	Wherever found	NA
<i>Platanthera leucophaea</i>	Eastern prairie fringed orchid	Flowering Plants	Threatened	Wherever found	NA
<i>Platanthera praecleara</i>	Western prairie fringed Orchid	Flowering Plants	Threatened	Wherever found	NA
<i>Platydesma cornuta</i> var. <i>cornuta</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Platydesma cornuta</i> var. <i>decurrens</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Platydesma remyi</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Platydesma rostrata</i>	Pilo kea lau l'i'i	Flowering Plants	Endangered	Wherever found	Final
<i>Pleodendron macranthum</i>	Chupacallos	Flowering Plants	Endangered	Wherever found	NA
<i>Pleomele fernaldii</i>	Haia pepe	Flowering Plants	Endangered	Wherever found	Final
<i>Pleomele forbesii</i>	Haia pepe	Flowering Plants	Endangered	Wherever found	Final
<i>Pleomele hawaiiensis</i>	Haia pepe	Flowering Plants	Endangered	Wherever found	Final
<i>Poa atropurpurea</i>	San Bernardino bluegrass	Flowering Plants	Endangered	Wherever found	Final
<i>Poa mannii</i>	Mann's bluegrass	Flowering Plants	Endangered	Wherever found	Final
<i>Poa napensis</i>	Napa bluegrass	Flowering Plants	Endangered	Wherever found	NA
<i>Poa sandwicensis</i>	Hawaiian bluegrass	Flowering Plants	Endangered	Wherever found	Final
<i>Poa siphonoglossa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Pogogyne abramsii</i>	San Diego mesa- mint	Flowering Plants	Endangered	Wherever found	NA
<i>Pogogyne nudiuscula</i>	Otay mesa-mint	Flowering Plants	Endangered	Wherever found	NA
<i>Polygala lewtonii</i>	Lewton's polygala	Flowering Plants	Endangered	Wherever found	NA
<i>Polygala smallii</i>	Tiny polygala	Flowering Plants	Endangered	Wherever found	NA
<i>Polygonella basiramia</i>	Wireweed	Flowering Plants	Endangered	Wherever found	NA
<i>Polygonella myriophylla</i>	Sandlace	Flowering Plants	Endangered	Wherever found	NA
<i>Polygonum hickmanii</i>	Scotts Valley Polygonum	Flowering Plants	Endangered	Wherever found	Final
<i>Polyscias bisattenuata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Polyscias flynnii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Polyscias gymnocarpa</i>	'Ohe' ohe	Flowering Plants	Endangered	Wherever found	Final
<i>Polyscias iyagati</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Polyscias racemosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Portulaca sclerocarpa</i>	Po e	Flowering Plants	Endangered	Wherever found	Final
<i>Portulaca villosa</i>	Ihi	Flowering Plants	Endangered	Wherever found	NA
<i>Potamogeton clystocarpus</i>	Little Aguja (=Creek) Pondweed	Flowering Plants	Endangered	Wherever found	NA
<i>Potentilla hickmanii</i>	Hickman's potentilla	Flowering Plants	Endangered	Wherever found	NA
<i>Primula maguirei</i>	Maguire primrose	Flowering Plants	Threatened	Wherever found	NA
<i>Pritchardia aylmer-robinsonii</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia bakeri</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia hardyi</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia kaalae</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia lanigera</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia maideniana</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia muniti</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia napaliensis</i>	Ioulu	Flowering Plants	Endangered	Wherever found	Final
<i>Pritchardia remota</i>	Ioulu	Flowering Plants	Endangered	Wherever found	Final
<i>Pritchardia schattaueri</i>	Ioulu	Flowering Plants	Endangered	Wherever found	NA
<i>Pritchardia viscosa</i>	Ioulu	Flowering Plants	Endangered	Wherever found	Final
<i>Prunus geniculata</i>	Scrub plum	Flowering Plants	Endangered	Wherever found	NA
<i>Pseudobahia bahiifolia</i>	Hartweg's golden sunburst	Flowering Plants	Endangered	Wherever found	NA
<i>Pseudobahia peirsonii</i>	San Joaquin adobe sunburst	Flowering Plants	Threatened	Wherever found	NA
<i>Pseudognaphalium sandwicense</i> var. <i>mokoiensis</i>	'Ena' ena	Flowering Plants	Endangered	Wherever found	NA
<i>Psychotria grandiflora</i>	Kopiko	Flowering Plants	Endangered	Wherever found	Final
<i>Psychotria hexandra</i> ssp. <i>oahuensis</i>	Kopiko	Flowering Plants	Endangered	Wherever found	Final
<i>Psychotria hobbii</i>	Kopiko	Flowering Plants	Endangered	Wherever found	Final
<i>Psychotria malaspinae</i>	Aplokating- palaoan	Flowering Plants	Endangered	Wherever found	NA
<i>Pteralyxia kauaiensis</i>	Kaalu	Flowering Plants	Endangered	Wherever found	Final
<i>Pteralyxia macrocarpa</i>	Kaalu	Flowering Plants	Endangered	Wherever found	Final
<i>Ptilimnium nodosum</i>	Harpella	Flowering Plants	Endangered	Wherever found	NA
<i>Purshia</i> (=Cawania) <i>subintegra</i>	Arizona Cliffrose	Flowering Plants	Endangered	Wherever found	NA
<i>Quercus hinckleyi</i>	Hinckley oak	Flowering Plants	Threatened	Wherever found	NA
<i>Ranunculus aestivalis</i> (=acrifolius)	Autumn Buttercup	Flowering Plants	Endangered	Wherever found	NA
<i>Ranunculus hawaiiensis</i>	Makou	Flowering Plants	Endangered	Wherever found	NA
<i>Ranunculus mauiensis</i>	Makou	Flowering Plants	Endangered	Wherever found	NA
<i>Remya kauaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Remya mauiensis</i>	Maui remya	Flowering Plants	Endangered	Wherever found	Final
<i>Remya montgomeryi</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	Leedy's roseroot	Flowering Plants	Threatened	Wherever found	NA
<i>Rhododendron chapmanii</i>	Chapman rhododendron	Flowering Plants	Endangered	Wherever found	NA
<i>Rhus michauxii</i>	Michaux's sumac	Flowering Plants	Endangered	Wherever found	NA
<i>Rhynchospora knieskernii</i>	Knieskern's Beaked-rush	Flowering Plants	Threatened	Wherever found	NA
<i>Ribes echinellum</i>	Miccosukee gooseberry	Flowering Plants	Threatened	Wherever found	NA
<i>Rorippa gambellii</i>	Gambel's watercress	Flowering Plants	Endangered	Wherever found	NA



<i>Sagittaria fasciculata</i>	Bunched arrowhead	Flowering Plants	Endangered	Wherever found	NA
<i>Sagittaria secundifolia</i>	Kral's water- plantain	Flowering Plants	Threatened	Wherever found	NA
<i>Sanicula maritima</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Sanicula purpurea</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Sanicula sandwicensis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Santalum haleakalae var. lanaiense</i>	Lanai sandalwood (= iliahi)	Flowering Plants	Endangered	Wherever found	Final
<i>Santalum involutum</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Sarracenia oreophila</i>	Green pitcher- plant	Flowering Plants	Endangered	Wherever found	NA
<i>Sarracenia rubra ssp. alabamensis</i>	Alabama canebrake pitcher-plant	Flowering Plants	Endangered	Wherever found	NA
<i>Sarracenia rubra ssp. jonesii</i>	Mountain sweet pitcher-plant	Flowering Plants	Endangered	Wherever found	NA
<i>Scaevola coriacea</i>	Dwarf naupaka	Flowering Plants	Endangered	Wherever found	NA
<i>Schenkia sebaoides</i>	Awili	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea adamantis</i>	Diamond Head schiedea	Flowering Plants	Endangered	Wherever found	NA
<i>Schiedea apokremnos</i>	Ma'oli'oli	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea attenuata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea diffusa ssp. macraei</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Schiedea diffusa subsp. diffusa</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Schiedea haleakalensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea hawaiiensis</i>	Ma'oli'oli	Flowering Plants	Endangered	Wherever found	NA
<i>Schiedea helleri</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea hookeri</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea jacobii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea kaalae</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea kauaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea kealii</i>	Ma'oli'oli	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea lau</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea lychnoides</i>	Kuawawaenohu	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea lydgatei</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea membranacea</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea nuttallii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea obovata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea pubescens</i>	Ma'oli'oli	Flowering Plants	Endangered	Wherever found	NA
<i>Schiedea saicana</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea sarmentosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea spergulina var. leiopoda</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea spergulina var. spergulina</i>	No common name	Flowering Plants	Threatened	Wherever found	Final
<i>Schiedea stellaroides</i>	Laulihihi	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea trinervis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea verticillata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schiedea viscosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Schoenocrambe argillacea</i>	Clay reed-mustard	Flowering Plants	Threatened	Wherever found	NA
<i>Schoenocrambe barnebyi</i>	Barneby reed- mustard	Flowering Plants	Endangered	Wherever found	NA
<i>Schoenocrambe suffrutescens</i>	Shrubby reed- mustard	Flowering Plants	Endangered	Wherever found	Proposed
<i>Schoepfia arenaria</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Schwalbea americana</i>	American chaffseed	Flowering Plants	Endangered	Wherever found	NA
<i>Scirpus ancistrochaetus</i>	Northeastern bulrush	Flowering Plants	Endangered	Wherever found	NA
<i>Sclerocactus brevihamatus ssp. tobuschii</i>	Tobusch fishhook cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus brevispinus</i>	Pariette cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus glaucus</i>	Colorado hookless Cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus mariposensis</i>	Lloyd's Mariposa cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus mesae-verdae</i>	Mesa Verde cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus wetlandicus</i>	Umta Basin hookless cactus	Flowering Plants	Threatened	Wherever found	NA
<i>Sclerocactus wrighthiae</i>	Wright fishhook cactus	Flowering Plants	Endangered	Wherever found	NA
<i>Scutellaria floridana</i>	Florida skullcap	Flowering Plants	Threatened	Wherever found	NA
<i>Scutellaria montana</i>	Large-flowered skullcap	Flowering Plants	Threatened	Wherever found	NA
<i>Scutellaria ocmulgee</i>	Ocmulgee skullcap	Flowering Plants	Proposed Threatened	Wherever found	Proposed
<i>Senecio layneae</i>	Layne's butterweed	Flowering Plants	Threatened	Wherever found	NA
<i>Serianthes nelsonii</i>	Hayun lagu (=Guam), Tronkon guafi (Rota)	Flowering Plants	Endangered	Wherever found	NA
<i>Sesbania tomentosa</i>	Ohai	Flowering Plants	Endangered	Wherever found	Final
<i>Sibara filifolia</i>	Santa Cruz Island rockcress	Flowering Plants	Endangered	Wherever found	NA
<i>Sicyos albus</i>	'Anunu	Flowering Plants	Endangered	Wherever found	Final
<i>Sicyos lanceoloides</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Sicyos macrophyllus</i>	'Anunu	Flowering Plants	Endangered	Wherever found	NA
<i>Sidalcea keckii</i>	Keck's Checker- mallow	Flowering Plants	Endangered	Wherever found	Final
<i>Sidalcea nelsoniana</i>	Nelson's checker-mallow	Flowering Plants	Threatened	Wherever found	NA
<i>Sidalcea oregana ssp. valida</i>	Kenwood Marsh checker-mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Sidalcea oregana var. calva</i>	Wenatchee Mountains checkermallow	Flowering Plants	Endangered	Wherever found	Final
<i>Sidalcea pedata</i>	Pedate checker- mallow	Flowering Plants	Endangered	Wherever found	NA
<i>Sideroxylon reclinatum ssp. austrofloridense</i>	Everglades bully	Flowering Plants	Threatened	Wherever found	Proposed
<i>Silene alexandri</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Silene hawaiiensis</i>	No common name	Flowering Plants	Threatened	Wherever found	Final
<i>Silene lanceolata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Silene perlmanii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Silene polypetala</i>	Fringed campion	Flowering Plants	Endangered	Wherever found	NA
<i>Silene spaldingii</i>	Spalding's Catchfly	Flowering Plants	Threatened	Wherever found	Proposed
<i>Sisyrinchium dichotomum</i>	White irisette	Flowering Plants	Endangered	Wherever found	NA
<i>Solanum concarpum</i>	Marron bacora	Flowering Plants	Endangered	Wherever found	Final
<i>Solanum drymophilum</i>	Erubia	Flowering Plants	Endangered	Wherever found	NA
<i>Solanum guamense</i>	Berenghas halomtano	Flowering Plants	Endangered	Wherever found	NA
<i>Solanum incompletum</i>	Popolo ku mai	Flowering Plants	Endangered	Wherever found	Final
<i>Solanum nelsonii</i>	Popolo	Flowering Plants	Endangered	Wherever found	NA
<i>Solanum sandwicense</i>	Aiakaaua, popolo	Flowering Plants	Endangered	Wherever found	Final
<i>Solidago houghtonii</i>	Houghton's goldenrod	Flowering Plants	Threatened	Wherever found	NA
<i>Solidago shortii</i>	Short's goldenrod	Flowering Plants	Endangered	Wherever found	NA
<i>Solidago spithamea</i>	Blue Ridge goldenrod	Flowering Plants	Threatened	Wherever found	NA
<i>Spermolepis hawaiiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Sphaeralcea gierischii</i>	Gierisch mallow	Flowering Plants	Endangered	Wherever found	Final
<i>Spigelia gentianoides</i>	Gentian pinkroot	Flowering Plants	Endangered	Wherever found	NA
<i>Spiraea virginiana</i>	Virginia spiraea	Flowering Plants	Threatened	Wherever found	NA
<i>Spiranthes delitescens</i>	Canelo Hills ladies'-tresses	Flowering Plants	Endangered	Wherever found	NA
<i>Spiranthes diluvialis</i>	Ute ladies'- tresses	Flowering Plants	Threatened	Wherever found	NA
<i>Spiranthes parksii</i>	Navasota ladies'- tresses	Flowering Plants	Endangered	Wherever found	NA
<i>Stahlia monosperma</i>	Cobana negra	Flowering Plants	Threatened	Wherever found	NA
<i>Stenogyne angustifolia var. angustifolia</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Stenogyne bifida</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Stenogyne campanulata</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Stenogyne cranwelliae</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Stenogyne kaalae ssp. sherriffii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Stenogyne kanehaana</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Stenogyne kauauleensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Stenogyne kealii</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Stephanomeria malheurensis</i>	Malheur wire- lettuce	Flowering Plants	Endangered	Wherever found	Final
<i>Streptanthus albidus ssp. albidus</i>	Metcalfe Canyon jewelflower	Flowering Plants	Endangered	Wherever found	NA
<i>Streptanthus bracteatus</i>	Bracted twistflower	Flowering Plants	Threatened	Wherever found	Final
<i>Streptanthus niger</i>	Tiburon jewelflower	Flowering Plants	Endangered	Wherever found	NA
<i>Styrax platanifolius ssp. texanus</i>	Texas snowbells	Flowering Plants	Endangered	Wherever found	NA
<i>Styrax portoricensis</i>	Palo de jazmin	Flowering Plants	Endangered	Wherever found	NA

<i>Suaeda californica</i>	California seabite	Flowering Plants	Endangered	Wherever found	NA
<i>Swallowia alexandreae</i>	Eureka Dune grass	Flowering Plants	Threatened	Wherever found	NA
<i>Tabernaemontana rotensis</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Taraxacum californicum</i>	California taraxacum	Flowering Plants	Endangered	Wherever found	Final
<i>Ternstroemia luquillensis</i>	Palo Colorado	Flowering Plants	Endangered	Wherever found	NA
<i>Ternstroemia subsessilis</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Tetramolopium arenarium</i>	No common name	Flowering Plants	Endangered	Wherever found	Proposed
<i>Tetramolopium capillare</i>	Pamakani	Flowering Plants	Endangered	Wherever found	Final
<i>Tetramolopium filiforme</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Tetramolopium renyi</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Tetramolopium rockii</i>	No common name	Flowering Plants	Threatened	Wherever found	Final
<i>Thalictrum cooley</i>	Cooley's meadowrue	Flowering Plants	Endangered	Wherever found	NA
<i>Thelypodium howellii</i> ssp. <i>spectabilis</i>	Howell's spectacular thelypod	Flowering Plants	Threatened	Wherever found	NA
<i>Thelypodium stenopetalum</i>	Slender-petaled mustard	Flowering Plants	Endangered	Wherever found	NA
<i>Thlaspi californicum</i>	Kneeland Prairie penny-cress	Flowering Plants	Endangered	Wherever found	Final
<i>Thymophylla tephroleuca</i>	Ashy dogweed	Flowering Plants	Endangered	Wherever found	NA
<i>Thysanocarpus conchuliferus</i>	Santa Cruz Island fringepod	Flowering Plants	Endangered	Wherever found	NA
<i>Tinospora homosepala</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Townsendia aprica</i>	Last Chance townsendia	Flowering Plants	Threatened	Wherever found	NA
<i>Trematolobelia singularis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Trichilia triacantha</i>	Bariaco	Flowering Plants	Endangered	Wherever found	NA
<i>Trifolium amoenum</i>	Showy Indian clover	Flowering Plants	Endangered	Wherever found	NA
<i>Trifolium trichocalyx</i>	Monterey clover	Flowering Plants	Endangered	Wherever found	NA
<i>Trillium persistens</i>	Persistent trillium	Flowering Plants	Endangered	Wherever found	NA
<i>Trillium reliquum</i>	Relict trillium	Flowering Plants	Endangered	Wherever found	NA
<i>Tuberolabium guamense</i>	No common name	Flowering Plants	Threatened	Wherever found	NA
<i>Tuctoria greenii</i>	Greene's tuctoria	Flowering Plants	Endangered	Wherever found	Final
<i>Tuctoria mucronata</i>	Solano grass	Flowering Plants	Endangered	Wherever found	Final
<i>Ureca kaalae</i>	Opuhe	Flowering Plants	Endangered	Wherever found	Final
<i>Varronia rupicola</i>	No common name	Flowering Plants	Threatened	Wherever found	Final
<i>Verbena californica</i>	Red Hills vervain	Flowering Plants	Threatened	Wherever found	NA
<i>Verbesina dissita</i>	Big-leaved crownbeard	Flowering Plants	Threatened	Wherever found	NA
<i>Vernonia proctorii</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Vicia menziesii</i>	Hawaiian vetch	Flowering Plants	Endangered	Wherever found	NA
<i>Vigna o-wahuensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>	Pamakani	Flowering Plants	Endangered	Wherever found	Final
<i>Viola helenae</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>	Nani wai'ale'ale	Flowering Plants	Endangered	Wherever found	Final
<i>Viola lanaiensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Viola oahuensis</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Warea amplexifolia</i>	Wide-leaf warea	Flowering Plants	Endangered	Wherever found	NA
<i>Warea carteri</i>	Carter's mustard	Flowering Plants	Endangered	Wherever found	NA
<i>Wikstroemia skottsbergiana</i>	No common name	Flowering Plants	Endangered	Wherever found	NA
<i>Wikstroemia villosa</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Wilkesia hodyi</i>	Dwarf liliu	Flowering Plants	Endangered	Wherever found	Final
<i>Xylosma cranatum</i>	No common name	Flowering Plants	Endangered	Wherever found	Final
<i>Xyris tennesseensis</i>	Tennessee yellow-eyed grass	Flowering Plants	Endangered	Wherever found	NA
<i>Yermo xanthocephalus</i>	Desert yellowhead	Flowering Plants	Threatened	Wherever found	Final
<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>	A'e	Flowering Plants	Endangered	Wherever found	Final
<i>Zanthoxylum hawaiiense</i>	A'e	Flowering Plants	Endangered	Wherever found	Final
<i>Zanthoxylum oahuense</i>	A'e	Flowering Plants	Endangered	Wherever found	Final
<i>Zanthoxylum thomasianum</i>	St. Thomas prickly-ash	Flowering Plants	Endangered	Wherever found	NA
<i>Zizania texana</i>	Texas wild-rice	Flowering Plants	Endangered	Wherever found	Final
<i>Ziziphys celata</i>	Florida ziziphys	Flowering Plants	Endangered	Wherever found	NA
<i>Ambrysus amargosus</i>	Ash Meadows naucorid	Insects	Threatened	Wherever found	Final
<i>Anaea troglodyta floridalis</i>	Florida leafwing Butterfly	Insects	Endangered	Wherever found	Final
<i>Apademia morio langei</i>	Lange's metalmark butterfly	Insects	Endangered	Wherever found	Proposed
<i>Atlantea tulita</i>	Puerto Rican harlequin butterfly	Insects	Threatened	Wherever found	Final
<i>Batrissades texanus</i>	Coffin Cave mold beetle	Insects	Endangered	Wherever found	NA
<i>Batrissades venyivi</i>	Helotes mold beetle	Insects	Endangered	Wherever found	Final
<i>Boloria acrocema</i>	Uncompahgre fritillary butterfly	Insects	Endangered	Wherever found	NA
<i>Bombus affinis</i>	Rusty patched bumble bee	Insects	Endangered	Wherever found	NA
<i>Bombus franklini</i>	Franklin's bumble bee	Insects	Endangered	Wherever found	NA
<i>Brychius hungerfordi</i>	Hungerford's crawling water Beetle	Insects	Endangered	Wherever found	NA
<i>Callophrys mossii bayensis</i>	San Bruno elfin butterfly	Insects	Endangered	Wherever found	Proposed
<i>Cicindela nevadica lincolniiana</i>	Salt Creek Tiger beetle	Insects	Endangered	Wherever found	Final
<i>Cicindela ohlone</i>	Ohlone tiger beetle	Insects	Endangered	Wherever found	NA
<i>Cicindelidia floridana</i>	Miami tiger beetle	Insects	Endangered	Wherever found	Proposed
<i>Cyclargus</i> (=Hemiargus) <i>thomasi</i> bethunebakeri	Miami Blue Butterfly	Insects	Endangered	Wherever found	NA
<i>Danaus plexippus</i>	Monarch butterfly	Insects	Candidate	Wherever found	NA
<i>Desmocerus californicus dimorphus</i>	Valley elderberry longhorn beetle	Insects	Threatened	Wherever found	Final
<i>Dinacoma caseyi</i>	Casey's June Beetle	Insects	Endangered	Wherever found	Final
<i>Drasophila aglaia</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila differens</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila digressa</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	NA
<i>Drasophila hemipeza</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila heteroneura</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila montgomeryi</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila nulli</i>	Hawaiian picture-wing fly	Insects	Threatened	Wherever found	Final
<i>Drasophila musaphilia</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila neodavisetae</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila obatai</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila ochrobasis</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila sharpi</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila substenoptera</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Drasophila tarphytrichia</i>	Hawaiian picture-wing fly	Insects	Endangered	Wherever found	Final
<i>Elaphrus viridis</i>	Delta green ground beetle	Insects	Threatened	Wherever found	Final
<i>Ellipsiptera puritana</i>	Puritan tiger beetle	Insects	Threatened	Wherever found	NA
<i>Euchloe ausonides insulanus</i>	Island marble Butterfly	Insects	Endangered	Wherever found	Final
<i>Euphilotes battoides allyni</i>	El Segundo blue butterfly	Insects	Endangered	Wherever found	Proposed
<i>Euphilotes enoptes smithi</i>	Smith's blue butterfly	Insects	Endangered	Wherever found	Proposed
<i>Euphydryas anicia claudcrafti</i>	Sacramento Mountains checkerspot Butterfly	Insects	Endangered	Wherever found	NA
<i>Euphydryas editha bayensis</i>	Bay checkerspot butterfly	Insects	Threatened	Wherever found	Final
<i>Euphydryas editha quino</i> (=E. e. <i>wrighti</i> )	Quino checkerspot butterfly	Insects	Endangered	Wherever found	Final
<i>Euphydryas editha taylori</i>	Taylor's (=whuige) Checkerspot	Insects	Endangered	Wherever found	Final
<i>Euproserpinus euterpe</i>	Kern primrose sphinx moth	Insects	Threatened	Wherever found	Proposed
<i>Glaucopteryx lydamus palosverdesensis</i>	Palos Verdes blue butterfly	Insects	Endangered	Wherever found	Final
<i>Habroscelimorpha dorsalis dorsalis</i>	Northeastern beach tiger beetle	Insects	Threatened	Wherever found	NA
<i>Hemileuca maia menyanthovora</i>	bag buck moth	Insects	Proposed Endangered	Wherever found	NA
<i>Heraclides aristodemus ponceanus</i>	Schaus swallowtail butterfly	Insects	Endangered	Wherever found	NA
<i>Hesperia dacotae</i>	Dakota Skipper	Insects	Threatened	Wherever found	Final
<i>Hesperia leonardus montana</i>	Pawnee montane skipper	Insects	Threatened	Wherever found	Proposed
<i>Heterelmis comalensis</i>	Comal Springs riffle beetle	Insects	Endangered	Wherever found	Final
<i>Hylaeus anthracinus</i>	Anthriscian yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hylaeus assimulans</i>	Assimulans yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hylaeus facilis</i>	Easy yellow-faced bee	Insects	Endangered	Wherever found	NA

<i>Hylaes hilaris</i>	Hilaris yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hylaes kuakea</i>	Hawaiian yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hylaes longiceps</i>	Hawaiian yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hylaes mana</i>	Hawaiian yellow-faced bee	Insects	Endangered	Wherever found	NA
<i>Hypolimnas octocula marianensis</i>	Mariana eight-spot butterfly	Insects	Endangered	Wherever found	NA
<i>Icaricia (Plebejus) shasta charlestonensis</i>	Mount Charleston blue butterfly	Insects	Endangered	Wherever found	Final
<i>Icaricia icarioides fenderi</i>	Fender's blue butterfly	Insects	Threatened	Wherever found	Final
<i>Icaricia icarioides missionensis</i>	Mission blue butterfly	Insects	Endangered	Wherever found	Proposed
<i>Ischnura luta</i>	Rota blue damselfly	Insects	Endangered	Wherever found	NA
<i>Lednia tumana</i>	Meltwater lednian stonefly	Insects	Threatened	Wherever found	NA
<i>Lycæides argyrognomon lotis</i>	Lotis blue butterfly	Insects	Endangered	Wherever found	Proposed
<i>Lycæides melissa samuells</i>	Karner blue butterfly	Insects	Endangered	Wherever found	Proposed
<i>Lycaena hermes</i>	Hermes copper butterfly	Insects	Threatened	Wherever found	Final
<i>Manduca blackburni</i>	Blackburn's sphinx moth	Insects	Endangered	Wherever found	Final
<i>Megalagrion leptodemas</i>	Crimson Hawaiian damselfly	Insects	Endangered	Wherever found	Final
<i>Megalagrion nesiotis</i>	Flying earwig Hawaiian damselfly	Insects	Endangered	Wherever found	NA
<i>Megalagrion nigrohamatum nigralineatum</i>	Blackline Hawaiian damselfly	Insects	Endangered	Wherever found	Final
<i>Megalagrion oceanicum</i>	Oceanic Hawaiian damselfly	Insects	Endangered	Wherever found	Final
<i>Megalagrion pacificum</i>	Pacific Hawaiian damselfly	Insects	Endangered	Wherever found	NA
<i>Megalagrion xanthomelas</i>	Orangeblack Hawaiian damselfly	Insects	Endangered	Wherever found	NA
<i>Neonympha mitchelli francisci</i>	Saint Francis's satyr butterfly	Insects	Endangered	Wherever found	NA
<i>Neonympha mitchelli mitchelli</i>	Mitchell's satyr butterfly	Insects	Endangered	Wherever found	NA
<i>Nicrophorus americanus</i>	American burying beetle	Insects	Threatened	Wherever found, except where listed as an experimental population	NA
<i>Oarisma poweshiek</i>	Poweshiek skipperling	Insects	Endangered	Wherever found	Final
<i>Polyphylla barbata</i>	Mount Hermon June beetle	Insects	Endangered	Wherever found	NA
<i>Pseudocapaeodes eunus obscurus</i>	Carson wandering skipper	Insects	Endangered	Wherever found	NA
<i>Pyrgus ruralis lagunae</i>	Laguna Mountains skipper	Insects	Endangered	Wherever found	Final
<i>Rhadine exilis</i>	[no common name] Beetle	Insects	Endangered	Wherever found	Final
<i>Rhadine infernalis</i>	[no common name] Beetle	Insects	Endangered	Wherever found	Final
<i>Rhadine persephone</i>	Tooth Cave ground beetle	Insects	Endangered	Wherever found	NA
<i>Rhaphimidas terminatus abdominalis</i>	Delhi Sands flower-loving fly	Insects	Endangered	Wherever found	Final
<i>Somatochlora hineana</i>	Hine's emerald dragonfly	Insects	Endangered	Wherever found	Final
<i>Speyeria callippe callippe</i>	Callippe silverspot butterfly	Insects	Endangered	Wherever found	Proposed
<i>Speyeria nokomis nokomis</i>	Silverspot	Insects	Proposed Threatened	Wherever found	NA
<i>Speyeria zerebe behrensii</i>	Behren's silverspot butterfly	Insects	Endangered	Wherever found	NA
<i>Speyeria zerebe hippolyta</i>	Oregon silverspot butterfly	Insects	Threatened	Wherever found	Final
<i>Speyeria zerebe myrtilae</i>	Myrtle's silverspot butterfly	Insects	Endangered	Wherever found	NA
<i>Strymon acis bartrami</i>	Bartram's hairstreak butterfly	Insects	Endangered	Wherever found	Final
<i>Stygoparnus comalensis</i>	Comal Springs dryopid beetle	Insects	Endangered	Wherever found	Final
<i>Texamaurops reddelli</i>	Kretschmarr Cave mold beetle	Insects	Endangered	Wherever found	NA
<i>Trimerotropis infantilis</i>	Zayante band-winged grasshopper	Insects	Endangered	Wherever found	Final
<i>Vagrans egistina</i>	Mariana wandering butterfly	Insects	Endangered	Wherever found	NA
<i>Zapada glacier</i>	Western glacier stonefly	Insects	Threatened	Wherever found	NA
<i>Cladonia perforata</i>	Florida perforate cladonia	Lichens	Endangered	Wherever found	NA
<i>Danrichardisia macroneuron</i>	South Liano Springs moss	Lichens	Proposed Endangered	Wherever found	Proposed
<i>Gymnoderma lineare</i>	Rock gnome lichen	Lichens	Endangered	Wherever found	NA
<i>Antilocapra americana sonoriensis</i>	Sonoran pronghorn	Mammals	Endangered	Wherever found, except where listed as an experimental population	NA
<i>Aplodontia rufa nigra</i>	Point Arena mountain beaver	Mammals	Endangered	Wherever found	NA
<i>Arborimus longicaudus</i>	red tree vole	Mammals	Candidate	North Oregon Coast population	NA
<i>Bison bison athabascoe</i>	Wood Bison	Mammals	Threatened	Wherever found	NA
<i>Brachylagus idahoensis</i>	Pygmy Rabbit	Mammals	Endangered	Columbia Basin DPS (WA-Douglas, Grant, Lincoln, Adams, Benton Counties)	NA
<i>Canis lupus</i>	Gray wolf	Mammals	Endangered	U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, IA, IN, IL, KS, KY, LA, MA, MD, ME, MI, MO, MS, NC, ND, NE, NH, NJ, NV, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, and WV; and portions of AZ, NM, OR, UT, and WA as follows: (1) Northern AZ (that portion north of the centerline of Interstate Highway 40); (2) Northern NM (that portion north of the centerline of Interstate Highway 40); (3) Western OR (that portion of OR west of the centerline of Highway 395 and Highway 78 north of Burns Junction and that portion of OR west of the centerline of Highway 95 south of Burns Junction); (4) Most of Utah (that portion of UT south and west of the centerline of Highway 84 and that portion of UT south of Highway 80 from Echo to the UT/WY Stateline); and (5) Western WA (that portion of WA west of the centerline of Highway 97 and Highway 17 north of Mesa and that portion of WA west of the centerline of Highway 395 south of Mesa), Mexico.	Final
<i>Canis lupus</i>	Gray wolf	Mammals	Threatened	U.S.A. (MN)	Final
<i>Canis lupus baileyi</i>	Mexican wolf	Mammals	Endangered	Wherever found, except where included in an experimental population as set forth in 17.84(k)	NA
<i>Canis rufus</i>	Red wolf	Mammals	Endangered	Wherever found, except where listed as an experimental population	NA
<i>Corynorhinus (=Plecotus) townsendii ingens</i>	Ozark big-eared bat	Mammals	Endangered	Wherever found	NA
<i>Corynorhinus (=Plecotus) townsendii virginianus</i>	Virginia big-eared bat	Mammals	Endangered	Wherever found	Final
<i>Cynomys parvidens</i>	Utah prairie dog	Mammals	Threatened	Wherever found	NA
<i>Dipodomys heermanni morroensis</i>	Morro Bay kangaroo rat	Mammals	Endangered	Wherever found	Final
<i>Dipodomys ingens</i>	Giant kangaroo rat	Mammals	Endangered	Wherever found	NA
<i>Dipodomys merriami parvus</i>	San Bernardino Merriam's kangaroo rat	Mammals	Endangered	Wherever found	Final
<i>Dipodomys nitratoides exilis</i>	Fresno kangaroo rat	Mammals	Endangered	Wherever found	Final
<i>Dipodomys nitratoides nitratoides</i>	Tipton kangaroo rat	Mammals	Endangered	Wherever found	NA
<i>Dipodomys stephensi (incl. D. cactus)</i>	Stephens' kangaroo rat	Mammals	Threatened	Wherever found	NA
<i>Emballonura semicaudata rotensis</i>	Pacific sheath-tailed Bat	Mammals	Endangered	Wherever found	NA
<i>Emballonura semicaudata semicaudata</i>	Pacific sheath-tailed Bat	Mammals	Endangered	American Samoa	NA
<i>Enhydra lutris kenyoni</i>	Northern Sea Otter	Mammals	Threatened	Southwest Alaska, from Attu Island to Western Cook Inlet, including Bristol Bay, the Kodiak Archipelago, and the Barren Islands	Final
<i>Enhydra lutris nereis</i>	Southern sea otter	Mammals	Threatened	Wherever found	NA
<i>Eumops floridanus</i>	Florida bonneted bat	Mammals	Endangered	Wherever found	Proposed
<i>Glaucomys sabrinus coloratus</i>	Carolina northern flying squirrel	Mammals	Endangered	Wherever found	NA
<i>Gulo gulo luscus</i>	North American wolverine	Mammals	Proposed Threatened	Wherever found	NA
<i>Losurus cinereus semotus</i>	Hawaiian hoary bat	Mammals	Endangered	Wherever found	NA
<i>Leopardus (=Felis) pardalis</i>	Ocelot	Mammals	Endangered	Wherever found	NA
<i>Leptonycteris nivalis</i>	Mexican long-nosed bat	Mammals	Endangered	Wherever found	NA
<i>Lynx canadensis</i>	Canada Lynx	Mammals	Threatened	Wherever Found in Contiguous U.S.	Final
<i>Martes caurina</i>	Pacific Marten	Mammals	Threatened	Coastal Distinct Population Segment	Proposed
<i>Microtus californicus scirpensis</i>	Amargosa vole	Mammals	Endangered	Wherever found	Final
<i>Microtus pennsylvanicus dukecampbelli</i>	Florida salt marsh vole	Mammals	Endangered	Wherever found	NA
<i>Mustela nigripes</i>	Black-footed ferret	Mammals	Endangered	Wherever found, except where listed as an experimental population	NA
<i>Myotis grisescens</i>	Gray bat	Mammals	Endangered	Wherever found	NA
<i>Myotis septentrionalis</i>	Northern Long-Eared Bat	Mammals	Endangered	Wherever found	NA
<i>Myotis sodalis</i>	Indiana bat	Mammals	Endangered	Wherever found	Final
<i>Neotoma floridana smalli</i>	Key Largo woodrat	Mammals	Endangered	Wherever found	NA
<i>Neotoma fuscipes riparia</i>	Riparian woodrat (=San Joaquin Valley)	Mammals	Endangered	Wherever found	NA

<i>Odocoileus virginianus clavium</i>	Key deer	Mammals	Endangered	Wherever found	NA
<i>Odocoileus virginianus leucurus</i>	Columbian white-tailed deer	Mammals	Threatened	Columbia River (Clark, Cowlitz, Pacific, Skamania, and Wahkiakum Counties, WA, and Clatsop, Columbia, and Multnomah Counties, OR.)	NA
<i>Oryzomys palustris natator</i>	Silver rice rat	Mammals	Endangered	Lower FL Keys (west of Seven Mile Bridge)	Final
<i>Ovis canadensis nelsoni</i>	Peninsular bighorn sheep	Mammals	Endangered	U.S.A. (CA) Peninsular Ranges	Final
<i>Ovis canadensis sierrae</i>	Sierra Nevada bighorn sheep	Mammals	Endangered	U.S.A. (CA) Sierra Nevada	Final
<i>Panthera onca</i>	Jaguar	Mammals	Endangered	Wherever found	Final
<i>Pekania pennanti</i>	Fisher	Mammals	Endangered	Southern Sierra Nevada Distinct Population Segment	Proposed
<i>Perimyotis subflavus</i>	Tricolored bat	Mammals	Proposed Endangered	Wherever found	NA
<i>Perognathus longimembris pacificus</i>	Pacific pocket mouse	Mammals	Endangered	Wherever found	NA
<i>Peromyscus gossypinus allapaticola</i>	Key Largo cotton mouse	Mammals	Endangered	Wherever found	Proposed
<i>Peromyscus polionotus allophrys</i>	Choctawhatchee beach mouse	Mammals	Endangered	Wherever found	Final
<i>Peromyscus polionotus ammobates</i>	Alabama beach mouse	Mammals	Endangered	Wherever found	Final
<i>Peromyscus polionotus niveiventris</i>	Southeastern beach mouse	Mammals	Threatened	Wherever found	NA
<i>Peromyscus polionotus peninsularis</i>	St. Andrew beach mouse	Mammals	Endangered	Wherever found	Final
<i>Peromyscus polionotus phasma</i>	Anastasia Island beach mouse	Mammals	Endangered	Wherever found	NA
<i>Peromyscus polionotus trissyllepsis</i>	Perdido Key beach mouse	Mammals	Endangered	Wherever found	Final
<i>Pteropus mariannus mariannus</i>	Mariana fruit Bat (=Mariana flying fox)	Mammals	Threatened	Wherever found	Final
<i>Pteropus tokodeae</i>	Little Mariana fruit Bat	Mammals	Endangered	Wherever found	NA
<i>Puma (=Felis) concolor coryi</i>	Florida panther	Mammals	Endangered	Wherever found	NA
<i>Puma yagouaroundi cacomitti</i>	Gulf Coast jaguarundi	Mammals	Endangered	Wherever found	NA
<i>Rangifer tarandus ssp. caribou</i>	Southern Mountain Caribou DPS	Mammals	Endangered	U.S.A. (wherever found), Canada (southeastern British Columbia)	Final
<i>Reithrodontomys raviventris</i>	Salt marsh harvest mouse	Mammals	Endangered	Wherever found	NA
<i>Sorex ornatus relictus</i>	Buena Vista Lake ornate Shrew	Mammals	Endangered	Wherever found	Final
<i>Sylvilagus bachmani riparius</i>	Riparian brush rabbit	Mammals	Endangered	Wherever found	NA
<i>Sylvilagus palustris hefneri</i>	Lower Keys marsh rabbit	Mammals	Endangered	Wherever found	NA
<i>Tamias minimus atristriatus</i>	Penasco least chipmunk	Mammals	Proposed Endangered	Wherever found	Proposed
<i>Tamiasciurus fremonti grahamensis</i>	Mount Graham red squirrel	Mammals	Endangered	Wherever found	Final
<i>Thomomys mazama glacialis</i>	Roy Prairie pocket gopher	Mammals	Threatened	Wherever found	Final
<i>Thomomys mazama pugetensis</i>	Olympia pocket gopher	Mammals	Threatened	Wherever found	Final
<i>Thomomys mazama tumuli</i>	Tenino pocket gopher	Mammals	Threatened	Wherever found	Final
<i>Thomomys mazama yelmensis</i>	Yelm pocket gopher	Mammals	Threatened	Wherever found	Final
<i>Trichechus manatus</i>	West Indian Manatee	Mammals	Threatened	Wherever found	Final
<i>Urocyon velox</i>	Northern Idaho Ground Squirrel	Mammals	Threatened	Wherever found	NA
<i>Urocyon littoralis catalinae</i>	Santa Catalina Island Fox	Mammals	Threatened	Wherever found	Final
<i>Ursus arctos horribilis</i>	Grizzly bear	Mammals	Threatened	U.S.A., conterminous (lower 48) States, except where listed as an experimental population	Proposed
<i>Ursus maritimus</i>	Polar bear	Mammals	Threatened	Wherever found	Final
<i>Vulpes macrotis mutica</i>	San Joaquin kit fox	Mammals	Endangered	Wherever found	NA
<i>Vulpes vulpes necator</i>	Sierra Nevada red fox	Mammals	Endangered	Sierra Nevada DPS	NA
<i>Zapus hudsonius luteus</i>	New Mexico meadow jumping mouse	Mammals	Endangered	Wherever found	Final
<i>Zapus hudsonius preblei</i>	Preble's meadow jumping mouse	Mammals	Threatened	Wherever found	Final
<i>Ameiva palops</i>	St. Croix ground lizard	Reptiles	Endangered	Wherever found	Final
<i>Anolis roosevelti</i>	Culebra Island giant anole	Reptiles	Endangered	Wherever found	Final
<i>Chilabothrus granti</i>	Virgin Islands tree boa	Reptiles	Endangered	Wherever found	NA
<i>Chilabothrus inornatus</i>	Puerto Rican boa	Reptiles	Endangered	Wherever found	NA
<i>Crocodylus acutus</i>	American crocodile	Reptiles	Threatened	U.S.A. (FL)	Final
<i>Crotalus willardi obscurus</i>	New Mexican ridge-nosed rattlesnake	Reptiles	Threatened	Wherever found	Final
<i>Cyclura stejnegeri</i>	Mona ground iguana	Reptiles	Threatened	Wherever found	Final
<i>Diadophis punctatus acricus</i>	Key ring-necked snake	Reptiles	Proposed Endangered	Wherever found	Proposed
<i>Drymarchon couperi</i>	Eastern indigo snake	Reptiles	Threatened	Wherever found	NA
<i>Emoia slevini</i>	Slevin's skink	Reptiles	Endangered	Wherever found	NA
<i>Epicrates monensis monensis</i>	Mona boa	Reptiles	Threatened	Wherever found	Final
<i>Eumeces egregius lividus</i>	blue-tailed mole skink	Reptiles	Threatened	Wherever found	NA
<i>Gambelia silus</i>	Blunt-nosed leopard lizard	Reptiles	Endangered	Wherever found	NA
<i>Glyptemys muhlenbergii</i>	bog turtle	Reptiles	Threatened	Wherever found, except GA, NC, SC, TN, VA	NA
<i>Gopherus agassizii</i>	Desert tortoise	Reptiles	Threatened	Wherever found, except AZ south and east of Colorado R., and Mexico	Final
<i>Gopherus flavomarginatus</i>	Bolson tortoise	Reptiles	Endangered	Wherever found	NA
<i>Gopherus polyphemus</i>	Gopher tortoise	Reptiles	Threatened	Western DPS	NA
<i>Graptemys flavimaculata</i>	Yellow-blotched map turtle	Reptiles	Threatened	Wherever found	NA
<i>Graptemys oculifera</i>	Ringed map turtle	Reptiles	Threatened	Wherever found	NA
<i>Graptemys pearlensis</i>	Pearl River Map Turtle	Reptiles	Proposed Threatened	Wherever found	NA
<i>Kinosternon sonoriense longifemorale</i>	Sonoyta mud turtle	Reptiles	Endangered	Wherever found	Final
<i>Macrochelys suwanniensis</i>	Suwannee alligator snapping turtle	Reptiles	Proposed Threatened	Wherever found	NA
<i>Macrochelys temminckii</i>	Alligator snapping turtle	Reptiles	Proposed Threatened	Wherever found	NA
<i>Masticophis lateralis euryxanthus</i>	Alameda whipsnake (=striped racer)	Reptiles	Threatened	Wherever found	Final
<i>Neoseps reynoldsi</i>	Sand skink	Reptiles	Threatened	Wherever found	NA
<i>Nerodia clarkii taeniata</i>	Atlantic salt marsh snake	Reptiles	Threatened	Wherever found	NA
<i>Nerodia erythrogaster neglecta</i>	Copperbelly water snake	Reptiles	Threatened	Indiana north of 40 degrees north latitude, Michigan, Ohio	NA
<i>Pituophis melanoleucus lodingi</i>	Black pinesnake	Reptiles	Threatened	Wherever found	Final
<i>Pituophis ruthveni</i>	Louisiana pinesnake	Reptiles	Threatened	Wherever found	Proposed
<i>Plestiodon egregius egregius</i>	Florida Keys mole skink	Reptiles	Proposed Threatened	Wherever found	Proposed
<i>Pseudemys alabamensis</i>	Alabama red-bellied turtle	Reptiles	Endangered	Wherever found	NA
<i>Pseudemys rubriventris bangsi</i>	Plymouth Redbelly Turtle	Reptiles	Endangered	Wherever found	Final
<i>Sistrurus catenatus</i>	Eastern Massasauga (=rattlesnake)	Reptiles	Threatened	Wherever found	NA
<i>Sternotherus depressus</i>	Flattened musk turtle	Reptiles	Threatened	Black Warrior R. system upstream from Bankhead Dam	NA
<i>Tantilla oolitica</i>	Rim rock crowned snake	Reptiles	Proposed Endangered	Wherever found	Proposed
<i>Thamnophis eques megalops</i>	Northern Mexican gartersnake	Reptiles	Threatened	Wherever found	Final
<i>Thamnophis gigas</i>	Giant garter snake	Reptiles	Threatened	Wherever found	NA
<i>Thamnophis rufipunctatus</i>	Narrow-headed gartersnake	Reptiles	Threatened	Wherever found	Final
<i>Thamnophis sirtalis tetrataenia</i>	San Francisco garter snake	Reptiles	Endangered	Wherever found	NA
<i>Uma inornata</i>	Coachella Valley fringe-toed lizard	Reptiles	Threatened	Wherever found	Final

# Enclosure B - BMP Implementation Checklist

## DEPARTMENT OF HOMELAND SECURITY PROGRAMMATIC ENVIRONMENTAL ASSESSMENT FOR THE NATIONWIDE OPERATION OF SMALL UNMANNED AIRCRAFT SYSTEMS

### Best Management Practices Implementation Checklist

The following checklist is to be utilized for confirming the proposed action is covered under the scope and review of the 2022 Programmatic Environmental Assessment (PEA) and that project-specific analysis is not necessary. With these best management practices in place, DHS continues to ensure that no significant adverse impacts to the environment or the public would occur as a result of the sUAS activities. Specific measures for environmental resource topics analyzed in the 2022 PEA are incorporated into this checklist, which is to be completed prior to sUAS use, to the maximum extent practicable. If Components have listed species or critical habitat in their project area (as determined by a species list from IPaC) and cannot implement the Biological Resources BMPs below, the Component should contact the local USFWS Ecological Services Field Office to determine if site specific ESA consultation is necessary.

Emergency actions are covered under the Proposed Action and BE. As such, the BMPs should be followed when possible during emergency response activities. However, in the event that the BMPs cannot be implemented during an emergency response, operators should prioritize emergency response actions and should follow established procedures for emergency situations including compliance under ESA. Under no circumstances should the emergency response action be delayed in order to implement the BMPs. Section 7 regulations recognize that an emergency (imminent loss of human life or property) may require expedited consultation. As soon as practicable after the emergency is under control, if listed species or critical habitat were affected by the emergency response and it was not possible to implement the BMPs, the FWS should be contacted for discussion of potential after the fact consultation.

This checklist should be saved as part of the National Environmental Policy Act, National Historic Preservation Act, and Endangered Species Act administrative record for the proposed action and would be reviewed by an Environmental Reviewer.

<b>Date(s) of Use</b>	
<b>Location of Event</b>	
<b>Time of Event</b>	
<b>Point of Contact (POC) Completing this Checklist (name, phone number and email, organization)</b>	

<b>sUAS Project Manager (name, phone number and email, organization)</b>	
<b>Provide a short summary of the Proposed Action.</b>	

<b>FAA Coordination</b>	<b>A) Complete/Will Implement BMP (Click the appropriate box)</b>	<b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b>
1. Comply with all FAA regulations including those outlined in FAA Title 14 CFR, Part 107, Operation and Certification of Small Unmanned Aircraft Systems, as applicable. (e.g. yield the right of way to manned aircraft, etc.).	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
2. Per FAA CFR Part 107 requirements, maintain visual observation of the UA within visual line-of-sight during flight operations and operate at or below 100 miles per hour.	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
3. Unless in an emergency, receive approval from FAA for airspace that is designated as Class A, B, C, D, or E.	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
<b>Noise</b>	<b>A) Complete/Will Implement BMP (Click the appropriate box)</b>	<b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b>

4. To the greatest extent possible, adhere to local noise ordinances.	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
<b>Biological Resources</b>	<b>A) Complete/Will Implement BMP (Click the appropriate box)</b>	<b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b>
5. Generate a U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) species list for the project area not more than 90 days before the planned operation. Visit <a href="https://www.fws.gov/ipac">IPaC: Home (fws.gov)</a> to generate the applicable list of species and critical habitat. <b>(See note [a] below).</b>	<input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
6. Coordinate with appropriate land managers to identify potential wildlife concerns and avoidance or minimization measures if sUAS operations will occur on or over a unit of the National Wildlife Refuge System (NWRS), National Fish Hatchery, National Park Service lands or other Federal lands. <b>(See note [b] below).</b>	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
7. When applicable, locate launch and landing sites on roads, trails, paved surfaces, and/or otherwise previously disturbed or developed areas if they are within terrestrial critical habitat or the range of a listed plant or lichen species (as indicated by a plant or lichen species or critical habitat appearing on your IPaC species list). <b>(See note [c] below).</b>	<input type="checkbox"/> <b>Yes-</b> Go to next practice <input type="checkbox"/> <b>No-</b> Explain in B) <b>(See note [c] below for applicability)</b>	
8. Avoid conducting UAS operations within 200 feet (vertically and horizontally) of a known breeding or roosting colony, or other known high density nesting area, of federally listed or proposed birds or migratory birds (as indicated by one or more bird species appearing on your IPaC generated species list). <b>(See note [d] for specific instructions).</b>	<input type="checkbox"/> <b>Yes</b> – Go to the next practice <input type="checkbox"/> <b>No</b> – Explain in B)	

<p>9. When possible, conduct UAS operations during seasons when federally listed, proposed, or migratory birds are not present in the operational area (e.g., the bird species on your IPaC list is migratory and will not be present during a particular season). <b>(See note [d]).</b></p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b>–Explain in B)</p>	
<p>10. Conduct a visual pre-flight check for migratory birds and federally listed species (use your list generated through IPaC) immediately prior to launch. <b>(See note [e] below).</b></p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>11. If personnel observe a federally listed terrestrial animal or migratory bird including federally listed bird nesting colonies during the pre-flight check (in non-emergency actions), delay operation until either the animal has moved away from the area of operation, or the sUAS flight path will be relocated to an area where the animal or nesting colonies will not be disturbed (at least 200 feet away both horizontally and vertically). <b>(See note [e] below).</b></p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>12. If personnel encounter wildlife after launch, operators will maintain a safe distance (at least 200 feet is recommended) and will avoid buzzing, animal-directed movements, hovering, landing, taking off, lingering, or taxiing near the observed wildlife.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>13. If, despite the measures in #12, wildlife, including migratory birds, listed animal species, and bald and golden eagles exhibit signs of distress (e.g. wing flapping, crouching, fleeing, or flushing), the UAS will be immediately moved beyond the 200 foot recommended distance from the animal.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	



<p>14. Document and report to the USFWS, in a timely manner, any operation involving a collision with or harassment of a federally listed species (if species is clearly identifiable). (See note [g])</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>15. Maintain a minimum altitude of 65 feet above the ground, vegetation, or tree canopy if your IPaC results include a federally listed or proposed terrestrial insect species.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>16. If your IPaC results include federally listed or proposed bat species, operate UAS during daylight hours (one hour after sunrise to one hour before sunset) whenever possible. In addition, for non-emergency nighttime operations maintain a minimum altitude of 98 feet above vegetation, tree canopy, or open water (including rivers, streams, lakes, reservoirs, etc.).</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>17. Maintain a 330-foot primary buffer and/or a 660-foot secondary buffer around any known bald eagle nests in areas where human activities are considered detrimental to breeding pairs. (See note [f] below).</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>18. Avoid launch or landing UAs from/on beaches that support nesting sea turtles during their breeding season.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>19. Avoid flying UAs within 500 feet of known haul-out locations and marine mammals at the water’s surface (unless in case of an emergency or with prior authorization from NOAA or USFWS).</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p><b>Cultural and Historic Resources</b></p>	<p><b>A) Complete/Will Implement BMP (Click the appropriate box)</b></p>	<p><b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b></p>

<p>20. Coordinate with Federally Recognized Tribes to the maximum extent feasible when proposed operations would include flying over or deploying from tribal sensitive areas, above-ground historic properties, or culturally significant areas (e.g. to identify appropriate launch sites or sensitive resources to avoid). Consult, as necessary, with applicable State Historic Preservation Office (SHPO), Tribal Historic Preservation Officer (THPO), and/or Certified Local Governments.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p>21. Avoid flying within 100 feet vertically and/or horizontally from Tribal sensitive areas or historically or culturally significant areas (i.e. known historic properties, National Historic Landmarks, monuments, or cemeteries, unless: necessitated by an emergency facility inspection or condition assessment; or prior notification to the NPS for National Historic Landmarks and appropriate SHPO or THPO has been completed. (see note [h] below)</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p><b>Socioeconomics and Environmental Justice</b></p>	<p><b>A) Complete/Will Implement BMP (Click the appropriate box)</b></p>	<p><b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b></p>
<p>22. Where possible, sUAS operators would not fly within 200 feet of schools, daycare facilities, or similar locations with high concentrations of children.</p>	<p><input type="checkbox"/> <b>Yes</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	
<p><b>Human Health and Safety</b></p>	<p><b>A) Complete/Will Implement BMP (Click the appropriate box)</b></p>	<p><b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b></p>
<p>23. Dispose of end-of-life batteries in accordance with all applicable laws and regulations.</p>	<p><input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice</p> <p><input type="checkbox"/> <b>No</b> – Explain in B)</p>	

24. Ensure personnel use all required personnel protective equipment based on site- and activity- specific conditions.	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
<b>Other Coordination</b>	<b>A) Complete/Will Implement BMP (Click the appropriate box)</b>	<b>B) Not Complete/Unable to Implement BMP (Are there any extenuating circumstances? If so, explain here)</b>
25. Obtain all applicable permits, permissions, and authorizations from applicable landowners and federal, state, and local regulatory authorities prior to initiating utilization of sUAS.	<input type="checkbox"/> <b>Yes</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	
26. When operating in the National Capital Region <b>only</b> , as necessary, coordinate with the National Park Service and National Capital Planning Commission (NCPC) to minimize impacts on the viewscape.	<input type="checkbox"/> <b>Yes or N/A</b> – Go to next practice <input type="checkbox"/> <b>No</b> – Explain in B)	

**To be completed by Environmental Reviewer.**

**Name:**

**Date:**

**Final Determination**

**The proposed action is covered by the scope of the 2022 sUAS PEA and no further environmental analysis is required.**

**The proposed action is outside of the sUAS PEA and BE scope, or will not comply with the required BMPs; therefore, additional analysis for compliance with the National Environmental Policy Act, National Historic Preservation Act, Endangered Species Act, or other environmental statutes, regulations or Executive Orders is necessary. If the Biological Resources BMPs cannot be implemented, and listed species and/or critical habitat are on your IPaC species list, the USFWS local Field Office must be contacted to discuss whether further consultation is necessary.**

**Notes:**

## **Biological Resources**

**[a] Practice 5:** USFWS Information for Planning and Consultation (IPaC) report (species list) is valid for 90 days following its date of creation. If past 90 days, please complete a new IPaC report online at <https://ipac.ecosphere.fws.gov/>.

**[b] Practice 6:** To minimize impacts to wildlife, units of the NWRS and other federal lands and waters managed for wildlife (e.g., national parks) should be identified before launch. Visit U.S. Fish & Wildlife Service website to determine locations of NWRS. Refuge Managers or other land/water managers should be contacted to identify site-specific wildlife use, potential responses to disturbance, and other information regarding cultural or sensitive sites, wildlife aggregation sites, and public use areas. For coordination efforts or activities (non-emergency) that occur on USFWS owned or managed lands contact the local USFWS site manager (such as a Refuge or Hatchery Manager). In emergency situations (imminent loss of life or property), if pre-planning or early coordination is not practicable, operators should prioritize emergency response actions.

**[c] Practice 7:** If it is necessary to launch or utilize landing sites within naturally vegetated areas of terrestrial critical habitat or the range of federally listed plant or lichen species DHS will coordinate with the appropriate USFWS Field Office to identify if alternate launch or landing sites are necessary or sensitive resources need avoidance.

**[d] Practice 8/9:** In areas that are known to contain migratory and federally listed bird nesting colonies, or areas that are known to contain listed avian species during their breeding season, as identified in the USFWS IPaC migratory bird frequency charts (using IPaC results obtained at least 90 days prior to a test event), implement seasonal restrictions, such as changing flight area or seasonally restricting flights, to reduce any potential impact to migratory and federally listed bird species. If IPaC does not indicate breeding season timeframes for non-migratory identified federally listed bird species, DHS environmental would utilize best available information to identify federally listed bird breeding season timeframe for its Project area and implement recommended seasonal restrictions. DHS commits to conducting testing activities outside of the migratory and federally listed bird nesting season or breeding season areas, unless in the event of imminent loss of life or property (i.e., an emergency situation). In the event that unforeseen schedule changes result in testing to occur during the migratory and listed bird nesting season, DHS commits to consulting with USFWS on a project level (as necessary) and conducting a pedestrian nest survey of the project area to avoid and minimize potential impacts. If pedestrian nest surveys are required, surveys would be conducted by qualified environmental professionals in conformance with USFWS Regional Office methodologies or state-specific guidelines.

**[e] Practice 10/11:** Conduct a visual pre-flight check for migratory birds, including bald and golden eagles, and any listed species in the IPaC species report, in the flight area immediately before launch. Should DHS professional observe a migratory bird or bald or golden eagle or any listed species including federally listed bird nesting colonies within approximately 100 feet of the sUAS launch site or flight area, the sUAS flight should be delayed or relocated to another location until the animal leaves the area on its own accord. If the animal does not leave, and a different launch site cannot be utilized, the USFWS local Field Office should be contacted for

advice. In emergency situations (imminent loss of life or property), if pre-planning or early coordination is not practicable, operators should prioritize emergency response actions.

**[f] Practice 17:** To further avoid impacts to bald eagles, maintain a 330-foot "primary buffer" from eagle nests in areas where human activities are considered to be detrimental to breeding pairs (e.g., residential/commercial development), and a larger 660-foot "secondary buffer" where human activities are considered to impact the integrity of the "primary buffer" (e.g., construction, multi-story buildings, and new roadways).

**[g] Practice 14:** In the event that an sUAS operation involves a collision with or harassment of a federally listed species, the incident must be reported within a timely manner. Reporting should be directed to the following parties:

1. USFWS Ecological Field Office. Determine the appropriate office for your location based on the [U.S. Fish & Wildlife Service website](#).
2. DHS Headquarters, Environmental Planning and Historic Preservation at [sep-ephp@hq.dhs.gov](mailto:sep-ephp@hq.dhs.gov). DHS Headquarters will coordinate with USFWS Headquarters on reported collision and harassment of federally listed species received related to this BE.

### **Cultural Resources**

**[h] Practice 21:** This practice refers to Tribal sensitive areas, above-ground historic properties, and culturally significant areas including historic buildings, districts, cemeteries, parks, monuments, or any other culturally significant areas, historic properties, sacred sites, or traditional cultural properties.