

NEPA, the Trustees evaluated a suite of five alternatives for conducting the type and scale of restoration sufficient to compensate the public for natural resource injuries and service losses. Based on selection factors, including location, technical feasibility, cost effectiveness, provision of natural resource services similar to those lost due to contamination, and net environmental consequences, the Trustees have identified a preferred alternative. Under this preferred alternative, the Trustees would use a combination of biosolids, manure, and woody material to return soil fertility to areas where remedial work removed mine waste and contaminated soil, leaving behind degraded soils and residual metals. Following application of soil amendments, native seed would be applied to the landscape in an attempt to restore prairie habitat and associated natural resource services. Prescribed fire, mowing, and other weed management techniques would be used to maintain desirable habitat conditions. Conservation easements would be placed on restoration parcels, and areas would be managed for wildlife habitat and limited recreation.

#### Public Comments

Comments are specifically requested regarding the alternatives, proposed restoration techniques and projects, scope of analysis, and assessment of impacts. Please see the **ADDRESSES** section for how to submit information.

Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can ask us in your comment to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

#### Authority

The authority of this action is the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and the implementing NRDAR regulations found at 43 CFR part 11.

Dated: February 16, 2018.

**Charles Wooley**,  
Acting Regional Director, Midwest Region,  
U.S. Fish and Wildlife Service.

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## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

[FWS-R1-ES-2018-N031; FXES111301  
00000C4-189-FF01E00000]

#### Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status Reviews for 156 Species in Oregon, Washington, Hawaii, Palau, Guam, and the Northern Mariana Islands

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of initiation of reviews; request for information.

**SUMMARY:** We, the U.S. Fish and Wildlife Service (Service), are initiating 5-year status reviews for 156 species in Oregon, Washington, Hawaii, Palau, Guam, and the Northern Mariana Islands under the Endangered Species Act of 1973, as amended (Act). A 5-year review is based on the best scientific and commercial data available at the time of the review; therefore, we are requesting submission of any new information on these species that has become available since the last review.

**DATES:** To ensure consideration in our reviews, we are requesting submission of new information no later than July 6, 2018. However, we will continue to accept new information about any species at any time.

**ADDRESSES:** Submit information on the Hutton tui chub and Nelson's checker-mallow (of Oregon and Washington) via U.S. mail to Field Supervisor, Attention: 5-Year Review, U.S. Fish and Wildlife Service, Oregon Fish and Wildlife Office, 2600 SE 98th Ave., Suite 100, Portland, OR 97266.

Submit information on any of the 154 species in Hawaii, Palau, Guam, or the Northern Mariana Islands via U.S. mail to Field Supervisor, Attention: 5-Year Review; U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office, 300 Ala Moana Blvd., Room 3-122 Honolulu, HI 96850; or by email to [pifwo\\_admin@fws.gov](mailto:pifwo_admin@fws.gov).

**FOR FURTHER INFORMATION CONTACT:** For Hutton tui chub and Nelson's checker-mallow (of Oregon and Washington), contact Michele Zwartjes, U.S. Fish and Wildlife Service, Oregon Fish and Wildlife Office, at 503-231-6179.

For the 154 species in Hawaii, Palau, Guam, or the Northern Mariana Islands, contact Gregory Koob, U.S. Fish and Wildlife Service, Pacific Islands Fish and Wildlife Office, at 808-792-9400.

Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 800-877-8339 for TTY assistance.

#### SUPPLEMENTARY INFORMATION:

##### Why do we conduct 5-year reviews?

Under the Endangered Species Act of 1973, as amended (Act; 16 U.S.C. 1531 *et seq.*), we maintain lists of endangered and threatened wildlife and plant species (referred to as the List) in the Code of Federal Regulations (CFR) at 50 CFR 17.11 (for wildlife) and 17.12 (for plants). Section 4(c)(2) of the Act requires us to review each listed species' status at least once every 5 years. For additional information about 5-year reviews, refer to our factsheet at <http://www.fws.gov/endangered/what-we-do/recovery-overview.html>.

##### What information do we consider in our review?

A 5-year review considers all new information available at the time of the review. In conducting these reviews, we consider the best scientific and commercial data that have become available since the listing determination or most recent status review, such as:

(A) Species biology, including but not limited to population trends, distribution, abundance, demographics, and genetics;

(B) Habitat conditions, including but not limited to amount, distribution, and suitability;

(C) Conservation measures that have been implemented that benefit the species;

(D) Threat status and trends in relation to the five listing factors (as defined in section 4(a)(1) of the Act); and

(E) Other new information, data, or corrections, including but not limited to taxonomic or nomenclatural changes, identification of erroneous information contained in the List, and improved analytical methods.

Any new information will be considered during the 5-year review and will also be useful in evaluating the ongoing recovery programs for these species.

##### Which species are under review?

This notice announces our active review of the 156 species listed in the table below.

Common name	Scientific name	Status	Known range of species occurrence	Final listing rule and publication date
<b>Animals</b>				
<b>Mammals</b>				
Pacific sheath-tailed bat (Mariana subspecies) (Payeyi, Paischeey).	<i>Emballonura semicaudata rotensis</i> .	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Mariana fruit bat .....	<i>Pteropus mariannus mariannus</i>	Threatened .....	Guam, Northern Mariana Islands.	49 FR 33881, 8/27/1984; 70 FR 1190, 1/6/2005.
Little Mariana fruit bat .....	<i>Pteropus tokudae</i> .....	Endangered .....	Guam .....	49 FR 33881, 8/27/1984.
<b>Birds</b>				
Nightingale reed warbler .....	<i>Acrocephalus luscini</i> .....	Endangered .....	Guam, Northern Mariana Islands.	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970.
Mariana gray swiftlet .....	<i>Aerodramus vanikorensis bartschi</i> .	Endangered .....	Guam, Northern Mariana Islands, Hawaii.	49 FR 33881, 8/27/1984.
Hawaiian crow (Alala) .....	<i>Corvus hawaiiensis</i> .....	Endangered .....	Hawaii .....	32 FR 4001, 3/11/1967.
Mariana crow (Aga) .....	<i>Corvus kubaryi</i> .....	Endangered .....	Guam, Northern Mariana Islands.	49 FR 33881, 8/27/1984.
Mariana common moorhen ..	<i>Gallinula chloropus guami</i> .....	Endangered .....	Guam, Northern Mariana Islands.	49 FR 33881, 8/27/1984.
Akiapolaau .....	<i>Hemignathus wilsoni</i> .....	Endangered .....	Hawaii .....	32 FR 4001, 3/11/1967.
Palila .....	<i>Loxioides bailleui</i> .....	Endangered .....	Hawaii .....	32 FR 4001, 3/11/1967.
Hawaii akepa .....	<i>Loxops coccineus</i> .....	Endangered .....	Hawaii .....	35 FR 16047, 10/13/1970.
Micronesian megapode .....	<i>Megapodius laperouse</i> .....	Endangered .....	Guam, Northern Mariana Islands, Palau.	35 FR 8491, 6/2/1970.
Hawaii creeper .....	<i>Oreomystis mana</i> .....	Endangered .....	Hawaii .....	40 FR 44149, 9/25/1975.
Guam rail .....	<i>Rallus owstoni</i> .....	Endangered .....	Guam .....	49 FR 14354, 4/11/1984; 49 FR 33881, 8/27/1984; 54 FR 43966, 10/30/1989.
Guam kingfisher .....	<i>Todiramphus cinnamominus</i> ...	Endangered .....	Guam .....	49 FR 33881, 8/27/1984; 69 FR 62943, 10/28/2004.
Bridled white-eye .....	<i>Zosterops conspicillatus conspicillatus</i> .	Endangered .....	Guam .....	49 FR 33881, 8/27/1984.
Rota bridled white-eye .....	<i>Zosterops rotensis</i> .....	Endangered .....	Northern Mariana Islands ...	69 FR 3022, 1/22/2004.
<b>Reptiles</b>				
Slevin's skink .....	<i>Emoia slevini</i> .....	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
<b>Fishes</b>				
Hutton tui chub .....	<i>Gila bicolor</i> ssp. ....	Threatened .....	Oregon .....	50 FR 12302, 3/28/1985.
<b>Snails</b>				
Newcomb's tree snail .....	<i>Newcombia cumingi</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Humped tree snail (Akaleha, Denden).	<i>Partula gibba</i> .....	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Langford's tree snail (Akaleha, Denden).	<i>Partula langfordi</i> .....	Endangered .....	Northern Mariana Islands ...	80 FR 59423, 10/1/2015.
Guam tree snail (Akaleha, Denden).	<i>Partula radiolata</i> .....	Endangered .....	Guam .....	80 FR 59423, 10/1/2015.
Lanai tree snail .....	<i>Partulina semicarinata</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Lanai tree snail .....	<i>Partulina variabilis</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Fragile tree snail (Akaleha dogas, Denden).	<i>Samoana fragilis</i> .....	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
<b>Crustaceans</b>				
Anchialine pool shrimp .....	<i>Procaris hawaii</i> .....	Endangered .....	Hawaii .....	81 FR 67786, 9/30/2016.
Anchialine pool shrimp .....	<i>Vetericaris chaceorum</i> .....	Endangered .....	Hawaii .....	78 FR 64637, 10/29/2013.
<b>Insects</b>				
Hawaiian picture-wing fly ....	<i>Drosophila digressa</i> .....	Endangered .....	Hawaii .....	78 FR 64637, 10/29/2013.
Hawaiian picture-wing fly ....	<i>Drosophila heteroneura</i> .....	Endangered .....	Hawaii .....	71 FR 26835, 5/9/2006.
Hawaiian picture-wing fly ....	<i>Drosophila mulli</i> .....	Threatened .....	Hawaii .....	71 FR 26835, 5/9/2006.
Hawaiian picture-wing fly ....	<i>Drosophila ochrobasis</i> .....	Endangered .....	Hawaii .....	71 FR 26835, 5/9/2006.
Rota blue damselfly (Dulalas Luta, Dulalas Luuta).	<i>Ischnura luta</i> .....	Endangered .....	Northern Mariana Islands ...	80 FR 59423, 10/1/2015.

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Mariana wandering butterfly (Ababbang, Libweibwogh).	<i>Vagrans egistina</i> .....	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.

## Plants

## Flowering Plants

Liliwai .....	<i>Acaena exigua</i> .....	Endangered .....	Hawaii .....	57 FR 20772, 5/15/1992.
No common name .....	<i>Achyranthes mutica</i> .....	Endangered .....	Hawaii .....	61 FR 53108, 10/10/1996.
Round-leaved chaff-flower ...	<i>Achyranthes splendens</i> var. <i>rotundata</i> .	Endangered .....	Hawaii .....	51 FR 10518, 3/26/1986.
Mauna Loa silversword (Kau).	<i>Argyroxiphium kauense</i> .....	Endangered .....	Hawaii .....	58 FR 18029, 4/7/1993.
Ahinahina .....	<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i> .	Endangered .....	Hawaii .....	51 FR 9814, 3/1/1986.
Kookoolau .....	<i>Bidens campylotheca pentamera</i> .	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Kookoolau .....	<i>Bidens campylotheca waihoiensis</i> .	Endangered .....	Hawaii .....	8 FR 32013, 5/28/2013.
Kookoolau .....	<i>Bidens conjuncta</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
No common name .....	<i>Bidens hillebrandiana</i> ssp. <i>hillebrandiana</i> .	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Kookoolau .....	<i>Bidens micrantha ctenophylla</i> ..	Endangered .....	Hawaii .....	8 FR 64637, 10/29/2013.
Siboyas halumtano, Siboyan halom tano.	<i>Bulbophyllum guamense</i> .....	Threatened .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Oha wai .....	<i>Clermontia drepanomorpha</i> .....	Endangered .....	Hawaii .....	61 FR 53137, 10/10/1996.
Oha wai .....	<i>Clermontia lindseyana</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Oha wai .....	<i>Clermontia peleana</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Oha wai .....	<i>Clermontia pyralaria</i> .....	Endangered .....	Hawaii .....	9 FR 10305, 3/4/1994.
Haha .....	<i>Cyanea asplenifolia</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea copelandii</i> ssp. <i>copelandii</i> .	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Haha .....	<i>Cyanea duvalliorum</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea hamatiflora</i> ssp. <i>carlsonii</i> .	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Nui, Haha .....	<i>Cyanea horrida</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea kunthiana</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea maritae</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea marksii</i> .....	Endangered .....	Hawaii .....	78 FR 64637, 10/29/2013.
Haha .....	<i>Cyanea mauiensis</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea munroi</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea obtusa</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Akuaku .....	<i>Cyanea platyphylla</i> .....	Endangered .....	Hawaii .....	61 FR 53137, 10/10/1996.
No common name .....	<i>Cyanea profuga</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea shipmanii</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Popolo .....	<i>Cyanea solanacea</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haha .....	<i>Cyanea stictophylla</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Haha .....	<i>Cyanea tritomantha</i> .....	Endangered .....	Hawaii .....	78 FR 64637, 10/29/2013.
Fadang .....	<i>Cycas micronesica</i> .....	Threatened .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
No common name .....	<i>Cyperus fauriei</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Puukaa .....	<i>Cyperus trachysanthos</i> .....	Endangered .....	Hawaii .....	61 FR 53108, 10/10/1996.
Haiwale .....	<i>Cyrtandra ferripilosa</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haiwale .....	<i>Cyrtandra filipes</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haiwale .....	<i>Cyrtandra giffardii</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
No common name .....	<i>Cyrtandra nanawaleensis</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
Haiwale .....	<i>Cyrtandra oxybapha</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Haiwale .....	<i>Cyrtandra tintinnabula</i> .....	Endangered .....	Hawaii .....	59 FR 10305, 3/4/1994.
No common name .....	<i>Cyrtandra wagneri</i> .....	Endangered .....	Hawaii .....	78 FR 64637, 10/29/2013.
No common name .....	<i>Delissea undulata</i> .....	Endangered .....	Hawaii .....	61 FR 53124, 10/10/1996.
No common name .....	<i>Dendrobium guamense</i> .....	Threatened .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
No common name .....	<i>Eugenia bryanii</i> .....	Endangered .....	Guam .....	80 FR 59423, 10/1/2015.
No common name .....	<i>Festuca molokaiensis</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Nohoanu .....	<i>Geranium hanaense</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
Nohoanu .....	<i>Geranium hillebrandii</i> .....	Endangered .....	Hawaii .....	78 FR 32013, 5/28/2013.
No common name .....	<i>Gouania vitifolia</i> .....	Endangered .....	Hawaii .....	59 FR 32932, 6/27/1994.
Honohono .....	<i>Haplostachys haplostachya</i> .....	Endangered .....	Hawaii .....	44 FR 62468, 10/30/1979.
Paudedo .....	<i>Hedyotis megalantha</i> .....	Endangered .....	Guam .....	80 FR 59423, 10/1/2015.
Ufa-halomtano .....	<i>Heritiera longipetiolata</i> .....	Endangered .....	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
No common name .....	<i>Hesperomannia arbuscula</i> .....	Endangered .....	Hawaii .....	56 FR 55770, 10/29/1991.
Hau kuahiwi .....	<i>Hibiscadelphus giffardianus</i> .....	Endangered .....	Hawaii .....	61 FR 53137, 10/10/1996.

Common name	Scientific name	Status	Known range of species occurrence	Final listing rule and publication date
Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Aupaka	<i>Isodendron hosakae</i>	Endangered	Hawaii	56 FR 1454, 1/14/1991.
Kioele	<i>Kadua coriacea</i>	Endangered	Hawaii	57 FR 20772, 5/15/1992.
Kohe malama malama o kanaloa.	<i>Kanaloa kahoolawensis</i>	Endangered	Hawaii	64 FR 48307, 9/3/1999.
Koki'o	<i>Kokia drynarioides</i>	Endangered	Hawaii	49 FR 47397, 12/4/1984.
No common name	<i>Lepidium orbiculare</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
No common name	<i>Lipochaeta venosa</i>	Endangered	Hawaii	44 FR 62468, 10/30/1979.
No common name	<i>Maesa walkeri</i>	Threatened	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Alani	<i>Melicope zahlbruckneri</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Sea bean	<i>Mucuna sloanei</i> var. <i>persericea</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
Kolea	<i>Myrsine vaccinioides</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Neraudia ovata</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
No common name	<i>Nervilia jacksoniae</i>	Threatened	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
No common name	<i>Nesogenes rotensis</i>	Endangered	Northern Mariana Islands	69 FR 18499; 04/08/2004.
Aiea	<i>Nothocestrum breviflorum</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994.
Kului	<i>Nototrichium humile</i>	Endangered	Hawaii	56 FR 55770, 10/29/1991.
No common name	<i>Osmoxylon mariannense</i>	Endangered	Northern Mariana Islands	69 FR 18499; 04/08/2004.
Ala ala wai nui	<i>Peperomia subpetiolata</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Phyllanthus saffordii</i>	Endangered	Guam	80 FR 59423, 10/1/2015.
No common name	<i>Phyllostegia bracteata</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Phyllostegia floribunda</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
No common name	<i>Phyllostegia haliakalae</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Phyllostegia helleri</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
No common name	<i>Phyllostegia pilosa</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
Kiponapona	<i>Phyllostegia racemosa</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
No common name	<i>Phyllostegia stachyoides</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
No common name	<i>Phyllostegia velutina</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
No common name	<i>Phyllostegia warshaueri</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
No common name	<i>Pittosporum halophilum</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Pittosporum hawaiiense</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
Kuahiwi laukahi	<i>Plantago hawaiiensis</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994.
No common name	<i>Platydesma remyi</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
Hala pepe	<i>Pleomele fernaldii</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
Hala pepe	<i>Pleomele hawaiiensis</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Poe	<i>Portulaca sclerocarpa</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994.
Loulu	<i>Pritchardia lanigera</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
Loulu	<i>Pritchardia maideniana</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994.
Loulu	<i>Pritchardia schattaueri</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Aplokating-palaoan	<i>Psychotria malaspiniae</i>	Endangered	Guam	80 FR 59423, 10/1/2015.
No common name	<i>Schiedea diffusa</i> ssp. <i>macraei</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
Maolioli	<i>Schiedea hawaiiensis</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
No common name	<i>Schiedea jacobii</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Schiedea laui</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Schiedea nuttallii</i>	Endangered	Hawaii	61 FR 53108, 10/10/1996.
No common name	<i>Schiedea salicaria</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
Hayun lagu, Tronkon guafi	<i>Serianthes nelsonii</i>	Endangered	Guam, Northern Mariana Islands.	52 FR 4907; 02/18/1997.
Anunu	<i>Sicyos albus</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Nelson's checker-mallow	<i>Sidalcea nelsoniana</i>	Threatened	Oregon, Washington	58 FR 8235, 2/12/1993.
No common name	<i>Silene hawaiiensis</i>	Threatened	Hawaii	59 FR 10305, 3/4/1994.
Halomtano, Berenghenas	<i>Solanum guamense</i>	Endangered	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Popolo ku mai	<i>Solanum incompletum</i>	Endangered	Hawaii	59 FR 56333, 10/10/1994.
No common name	<i>Stenogyne angustifolia</i> var. <i>angustifolia</i> .	Endangered	Hawaii	44 FR 62468, 10/30/1979.
No common name	<i>Stenogyne cranwelliae</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
No common name	<i>Stenogyne kaalae</i> ssp. <i>sherffii</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
No common name	<i>Stenogyne kauaulaensis</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.
No common name	<i>Tabernaemontana rotensis</i>	Threatened	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
No common name	<i>Tetramolopium arenarium</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994.
No common name	<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i> .	Endangered	Hawaii	56 FR 55770, 10/29/1991.
No common name	<i>Tinospora homosepala</i>	Endangered	Guam	80 FR 59423, 10/1/2015.
No common name	<i>Tuberolabium guamense</i>	Threatened	Guam, Northern Mariana Islands.	80 FR 59423, 10/1/2015.
Hawaiian vetch	<i>Vicia menziesii</i>	Endangered	Hawaii	43 FR 17910, 4/26/1978.
No common name	<i>Vigna o-wahuensis</i>	Endangered	Hawaii	59 FR 56333, 11/10/1994.
No common name	<i>Wikstroemia skottsbergiana</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
No common name	<i>Wikstroemia villosa</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013.

Common name	Scientific name	Status	Known range of species occurrence	Final listing rule and publication date
Ae .....	<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i> .	Endangered .....	Hawaii .....	61 FR 53137, 10/10/1996.

**Ferns and Allies**

No common name .....	<i>Asplenium peruvianum</i> var. <i>insulare</i> .	Endangered .....	Hawaii .....	59 FR 49025, 9/26/1994.
No common name .....	<i>Diplazium molokaiense</i> .....	Endangered .....	Hawaii .....	59 FR 49025, 9/26/1994.
Wawaeiole .....	<i>Huperzia mannii</i> .....	Endangered .....	Hawaii .....	57 FR 20772, 5/15/1992.

**Request for New Information**

To ensure that a 5-year review is complete and based on the best available scientific and commercial information, we request new information from all sources. See What Information Do We Consider in Our Review? for specific criteria. If you submit information, please support it with documentation such as maps, bibliographic references, methods used to gather and analyze the data, and/or copies of any pertinent publications, reports, or letters by knowledgeable sources.

If you wish to provide information for any species listed in the table, please submit your comments and materials to the appropriate contact in **ADDRESSES**.

**Public Availability of Comments**

Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can ask us in your comment to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

Comments and materials received will be available for public inspection, by appointment, during normal business hours at the offices to which the comments are submitted.

**Completed and Active Reviews**

A list of all completed and currently active 5-year reviews addressing species for which the Pacific Region of the Service has lead responsibility is available at <http://www.fws.gov/pacific/ecoservices/angered/recovery/5year.html>.

**Authority**

This document is published under the authority of the Endangered Species Act

of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Theresa E. Rabot,**

*Acting Regional Director, Pacific Region, U.S. Fish and Wildlife Service.*

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**DEPARTMENT OF THE INTERIOR**

**Fish and Wildlife Service**

**[FWS-R4-ES-2017-N178; FXES1113090000C2-189-FF09E32000]**

**Endangered and Threatened Wildlife and Plants; 5-Year Status Reviews for 35 Southeastern Species**

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of initiation of reviews; request for information.

**SUMMARY:** We, the U.S. Fish and Wildlife Service (Service), are initiating 5-year status reviews of 35 species under the Endangered Species Act of 1973, as amended. A 5-year review is an assessment of the best scientific and commercial data available at the time of the review. We are requesting submission of information that has become available since the last reviews of these species.

**DATES:** To allow us adequate time to conduct these reviews, we must receive your comments or information on or before July 6, 2018. However, we will continue to accept new information about any listed species at any time.

**ADDRESSES:** For instructions on how to submit information and review information that we receive on these species, see Request for New Information under **SUPPLEMENTARY INFORMATION**.

**FOR FURTHER INFORMATION CONTACT:** For species-specific information, see Request for New Information under **SUPPLEMENTARY INFORMATION**.

**SUPPLEMENTARY INFORMATION:**

**Why do we conduct 5-year reviews?**

Under the Endangered Species Act of 1973, as amended, (ESA 16 U.S.C. 1531 *et seq.*), we maintain lists of endangered and threatened wildlife and plant species (referred to as the Lists) in title 50 of the Code of Federal Regulations (CFR) at 50 CFR 17.11 (for wildlife) and 17.12 (for plants). Section 4(c)(2)(A) of the ESA requires us to review each listed species' status at least once every 5 years. Our regulations at 50 CFR 424.21 require that we publish a notice in the **Federal Register** announcing those species under active review. For additional information about 5-year reviews, go to <http://www.fws.gov/angered/what-we-do/recovery-overview.html>, scroll down to "Learn More about 5-Year Reviews," and click on our factsheet.

**Species Under Review**

This notice announces our active review of 28 species that are currently listed as endangered:

*Fish and Wildlife*

- Ivory-billed woodpecker (*Campephilus principalis*)
- Bermuda petrel (=cahow) (*Pterodroma cahow*)
- Laurel dace (*Chrosomus saylori*)
- Yellowcheek darter (*Etheostoma moorei*)
- Watercress darter (*Etheostoma nuchale*)
- Smoky madtom (*Noturus baileyi*)
- Chucky madtom (*Noturus crypticus*)
- Alabama sturgeon (*Scaphirhynchus suttkusi*)
- Dromedary pearl mussel (*Dromus dromas*)
- Cumberlandian combshell (*Epioblasma brevidens*)
- Cracking pearl mussel (*Hemistena lata*)
- Alabama lamp mussel (*Lampsilis virescens*)
- Birdwing pearl mussel (*Lemiox rimosus*)
- Alabama pearlshell (*Margaritifera marrianae*)
- Fat pocketbook (*Potamilus capax*)
- Pale lilliput (*Toxolasma cylindrellus*)
- Slender campeloma (*Campeloma decampi*)