



Billing Code 4333–15

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS–R1–ES–2018–N031;

FXES11130100000C4–189–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 **[INSERT DATE 60 DAYS AFTER THE DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**. 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.

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	Final Listing Rule and
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			Species Occurrence	Publication Date
ANIMALS				
Mammals				
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.
Birds				
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	35 FR 8491, 6/2/1970.

			Islands, Palau	
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.
Reptiles				
Slevin's skink	<i>Emoia slevini</i>	Endangered	Guam, Northern Mariana Islands	80 FR 59423, 10/1/2015.
Fishes				
Hutton tui chub	<i>Gila bicolor</i> ssp.	Threatened	Oregon	50 FR 12302, 3/28/1985.
Snails				
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	80 FR 59423, 10/1/2015.

			Islands	
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.
Crustaceans				
Anchialine pool shrimp	<i>Procaris hawaiana</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016.
Anchialine pool shrimp	<i>Vetericaris chaceorum</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013.
Insects				
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.
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 halumtanu, 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 pyrularia</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.
Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996.
Aupaka	<i>Isodendrion 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 malaspinae</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.
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/endangered/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.

[FR Doc. 2018-09603 Filed: 5/4/2018 8:45 am; Publication Date: 5/7/2018]