



DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[FWS-R1-ES-2023-N077; FXES11130100000C4-234-FF01E00000]

Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status

Reviews for 133 Species in Oregon, Washington, Idaho, Montana, California, Nevada, Hawaii, Guam, and the Commonwealth of 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, are initiating 5-year status reviews for 133 species in Oregon, Washington, Idaho, Montana, California, Nevada, Hawaii, Guam, and the Commonwealth of the Northern Mariana Islands under the Endangered Species Act of 1973. Two of these species also occur outside of United States jurisdiction in Canada and Palau. A 5-year status 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 reviews.

DATES: To ensure consideration in our reviews, we are requesting submission of new information no later than **[INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]**. However, we will continue to accept new information about any species at any time.

ADDRESSES: *Submitting Information on Species:*

- **Columbia Basin pygmy rabbit:**
 - *U.S. mail:* State Supervisor, Attention: 5-Year Review, U.S. Fish and Wildlife Service, Washington Fish and Wildlife Office, 510 Desmond Dr. Southeast, Suite 102, Lacey, WA 98503; or

- *Email: WFWO_LR@fws.gov.*
- **Any of the seven species occurring in Oregon:**
 - *U.S. mail:* State 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; or
 - *Email: fwlofwo@fws.gov.*
- **White sturgeon, Banbury Springs limpet, and Bliss Rapids snail:**
 - *U.S. mail:* State Supervisor, Attention: 5-Year Review, U.S. Fish and Wildlife Service, Idaho Fish and Wildlife Office, 1387 S. Vinnell Way, Suite 368, Boise, ID 83709; or
 - *Email: ifwo@fws.gov.*
- **Any of the 122 species occurring in Hawaii, Guam, and/or the Commonwealth of the Northern Mariana Islands:**
 - *U.S. mail:* 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
 - *Email: pifwo_admin@fws.gov.*

FOR FURTHER INFORMATION CONTACT: For general information, please contact Grant Canterbury at 503-231-6151. Individuals in the United States who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or TeleBraille) to access telecommunications relay services. Individuals outside the United States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

For information about the following specific species, contact the following people:

- **Columbia Basin pygmy rabbit:** Rose Agbalog, Washington Fish and Wildlife

Office, 564-200-2124; *WFWO_LR@fws.gov*.

- **Any of the seven species occurring in Oregon:** Jennifer Siani, Oregon Fish and Wildlife Office, 503-231-6179; *fwl ofwo@fws.gov*.
- **White sturgeon, Banbury Springs limpet, and Bliss Rapids snail:** Greg Burak, Idaho Fish and Wildlife Office, 208-378-5243; *ifwo@fws.gov*.
- **Any of the 122 species occurring in Hawaii, Guam, and/or the Commonwealth of the Northern Mariana Islands:** Megan Laut, Pacific Islands Fish and Wildlife Office, 808-792-9400, *pifwo_admin@fws.gov*.

SUPPLEMENTARY INFORMATION:

Why Do We Conduct 5-Year Status 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 status reviews, refer to our factsheet at <https://www.fws.gov/project/five-year-status-reviews>.

What Information Do We Consider in Our Review?

A 5-year status 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 reviews, 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 status 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 133 species, including 4 mammals, 13 birds, 3 fishes, 2 snails, 4 insects, 2 crustaceans, and 105 plants, as listed in the table below.

Common Name	Scientific Name	Status	Known Range of Species Occurrence	Final Listing Rule and Publication Date
ANIMALS				
<i>Mammals</i>				
Columbia Basin pygmy rabbit [Columbia Basin DPS]	<i>Brachylagus idahoensis</i>	Endangered	Washington	68 FR 10388, 3/5/2003
Pacific sheath-tailed bat	<i>Emballonura semicaudata rotensis</i>	Endangered	Guam, Commonwealth of the Northern Mariana Islands	80 FR 59423, 10/1/2015
Hawaiian hoary bat	<i>Lasiurus cinereus semotus</i>	Endangered	Hawaii	35 FR 16047, 10/13/1970
Mariana fruit bat (=fanihi, Mariana flying fox)	<i>Pteropus mariannus mariannus</i>	Threatened	Guam, Commonwealth of the Northern Mariana Islands	49 FR 33881, 8/27/1984; 70 FR 1190, 1/6/2005
<i>Birds</i>				
Nightingale reed warbler (old world warbler)	<i>Acrocephalus luscini</i>	Endangered	Guam, Commonwealth of the Northern Mariana Islands	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970

Common Name	Scientific Name	Status	Known Range of Species Occurrence	Final Listing Rule and Publication Date
Mariana gray swiftlet	<i>Aerodramus vanikorensis bartschi</i>	Endangered	Guam, Commonwealth of the Northern Mariana Islands	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, Commonwealth of the Northern Mariana Islands	49 FR 33881, 8/27/1984
Mariana common moorhen	<i>Gallinula chloropus guami</i>	Endangered	Guam, Commonwealth of the Northern Mariana Islands	49 FR 33881, 8/27/1984
Guam Micronesian kingfisher (=Guam kingfisher, sihek)	<i>Halcyon cinnamomina cinnamomina</i> [= <i>Todiramphus cinnamominus</i>]	Endangered	Guam	49 FR 33881, 8/27/1984; 69 FR 62943, 10/28/2004
‘Akiapola‘au	<i>Hemignathus wilsoni</i>	Endangered	Hawaii	32 FR 4001, 3/11/1967
Palila (honeycreeper)	<i>Loxioides bailleui</i>	Endangered	Hawaii	32 FR 4001, 3/11/1967
Hawaii ‘ākepa	<i>Loxops coccineus</i>	Endangered	Hawaii	35 FR 16047, 10/13/1970
Micronesian megapode	<i>Megapodius laperouse</i>	Endangered	Guam, Commonwealth of the 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
Rota bridled white-eye	<i>Zosterops rotensis</i>	Endangered	Commonwealth of the Northern Mariana Islands	69 FR 3022, 1/22/2004
<i>Fishes</i>				
White sturgeon [Kootenai River DPS]	<i>Acipenser transmontanus</i>	Endangered	Idaho, Montana, Canada (British Columbia)	59 FR 45989, 9/6/1994
Warner sucker	<i>Catostomus warnerensis</i>	Threatened	California, Nevada, Oregon	50 FR 39117, 9/27/1985

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Hutton tui chub	<i>Gila bicolor</i> ssp.	Threatened	Oregon	50 FR 12302, 3/28/1985
<i>Snails</i>				
Bliss Rapids snail	<i>Taylorconcha serpenticola</i>	Threatened	Idaho	57 FR 59244, 12/14/1992
Banbury Springs limpet	<i>Lanx</i> sp.	Endangered	Idaho	57 FR 59244, 12/14/1992
<i>Insects</i>				
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
<i>Crustaceans</i>				
Anchialine pool Shrimp	<i>Procaris hawaiiiana</i>	Endangered	Hawaii	81 FR 67786, 9/30/2016
Anchialine pool shrimp	<i>Vetericaris chaceorum</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013
PLANTS				
<i>Flowering Plants</i>				
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
Mauna Loa silversword	<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
Ko‘oko‘olau	<i>Bidens campylotheca</i> ssp. <i>pentamera</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ko‘oko‘olau	<i>Bidens campylotheca</i> ssp. <i>waihoiensis</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ko‘oko‘olau	<i>Bidens conjuncta</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ko‘oko‘olau	<i>Bidens hillebrandiana</i> ssp. <i>hillebrandiana</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ko‘oko‘olau	<i>Bidens micrantha</i> ssp. <i>ctenophylla</i>	Endangered	Hawaii	78 FR 64637,

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				10/29/2013.
‘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	59 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
Haha nui	<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
‘Aku‘aku	<i>Cyanea platyphylla</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996
Haha	<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
‘Aku	<i>Cyanea tritomantha</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013
No common name	<i>Cyperus fauriei</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994

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Ha‘iwale	<i>Cyrtandra ferripilosa</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ha‘iwale	<i>Cyrtandra filipes</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ha‘iwale	<i>Cyrtandra giffardii</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
Ha‘iwale	<i>Cyrtandra nanawaleensis</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013
Ha‘iwale	<i>Cyrtandra oxybapha</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Ha‘iwale	<i>Cyrtandra tintinnabula</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
Ha‘iwale	<i>Cyrtandra wagneri</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013
Willamette daisy	<i>Erigeron decumbens</i>	Endangered	Oregon	65 FR 3875, 1/25/2000
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
Honohono	<i>Haplostachys haplostachya</i>	Endangered	Hawaii	44 FR 62468, 10/30/1979
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>Isodendron hosakae</i>	Endangered	Hawaii	56 FR 1454, 1/14/1991
Kio‘ele	<i>Kadua coriacea</i>	Endangered	Hawaii	57 FR 20772, 5/15/1992
Koki‘o	<i>Kokia drynarioides</i>	Endangered	Hawaii	49 FR 47397, 12/4/1984
Large-flowered woolly meadowfoam	<i>Limnanthes pumila</i> ssp. <i>grandiflora</i>	Endangered	Oregon	67 FR 68004, 11/7/2002
Nehe	<i>Lipochaeta venosa</i>	Endangered	Hawaii	44 FR 62468, 10/30/1979
Cook’s lomatium	<i>Lomatium cookii</i>	Endangered	Oregon	67 FR 68004, 11/7/2002
Kincaid’s lupine	<i>Lupinus sulphureus</i> ssp. <i>kincaidii</i>	Threatened	Oregon, Washington	65 FR 3875, 1/25/2000
No common name	<i>Maesa walkeri</i>	Threatened	Guam, Commonwealth of the Northern Mariana Islands	80 FR 59423, 10/1/2015

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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, Commonwealth of the Northern Mariana Islands	80 FR 59423, 10/1/2015
No common name	<i>Nesogenes rotensis</i>	Endangered	Commonwealth of the Northern Mariana Islands	69 FR 18499; 04/08/2004
‘Aiea	<i>Nothocestrum breviflorum</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
No common name	<i>Osmoxylon mariannense</i>	Endangered	Commonwealth of the 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>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
Hoawa	<i>Pittosporum halophilum</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Hoawa	<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

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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
Po'e	<i>Portulaca sclerocarpa</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
Loulu	<i>Pritchardia aylmer-robinsonii</i>	Endangered	Hawaii	61 FR 41020, 8/7/1996
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
No common name	<i>Schiedea diffusa</i> ssp. <i>macraei</i>	Endangered	Hawaii	78 FR 64637, 10/29/2013
Ma'oli'oli	<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 salicaria</i>	Endangered	Hawaii	78 FR 32013, 5/28/2013
Hayun lagu	<i>Serianthes nelsonii</i>	Endangered	Guam, Commonwealth of the Northern Mariana Islands	52 FR 4907, 2/18/1987; 52 FR 6651, 5/4/1987
'Anunu	<i>Sicyos albus</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996
No common name	<i>Silene hawaiiensis</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
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
Malheur wire-lettuce	<i>Stephanomeria malheurensis</i>	Endangered	Oregon	47 FR 50881, 11/10/1982

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No common name	<i>Tetramolopium arenarium</i>	Endangered	Hawaii	59 FR 10305, 3/4/1994
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
A'e	<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>	Endangered	Hawaii	61 FR 53137, 10/10/1996
<i>Ferns and Allies</i>				
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
Wawae'iole	<i>Huperzia mannii</i>	Endangered	Hawaii	57 FR 20772, 5/15/1992

Request for New Information

To ensure that a 5-year status 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, 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.

Completed and Active Reviews

A table including hyperlinks to the most recently completed 5-year status review for each listed species, as well as notices of 5-year status reviews that are currently in progress, is available at <https://ecos.fws.gov/ecp/report/species-five-year-review>.

Authority

This document is published under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Hugh Morrison,

Regional Director,

U.S. Fish and Wildlife Service.

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