

and 1018-0094. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in various Federal wildlife conservation statutes and regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit. We estimate the public reporting burden for these reporting requirements to vary from 2 to 2½ hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service's Information Collection Clearance Officer at the address provided at 50 CFR 2.1(b).

[63 FR 52635, Oct. 1, 1998. Redesignated at 72 FR 48446, Aug. 23, 2007, as amended at 79 FR 30417, May 27, 2014; 79 FR 43964, July 29, 2014]

**Subpart B—Lists**

**§ 17.11 Endangered and threatened wildlife.**

(a) The list in paragraph (h) of this section contains the wildlife species determined by the Service or the National Marine Fisheries Service (NMFS) of the Department of Commerce's National Oceanic and Atmospheric Administration (hereafter in this section referred to as "the Services") to be endangered species or threatened species. It also contains the wildlife species treated as endangered species or threatened species because they are similar in appearance to and may be confused with endangered or threatened species (see §§ 17.50 through 17.52). The "Common name," "Scientific name," "Where listed," and "Status" columns provide regulatory information; together, they identify listed wildlife species within the meaning of the Act and describe where they are protected. When a taxon has more than one entry, the "Where listed" or "Status" column will identify its sta-

tus in each relevant geographic area. The listing of a particular taxon includes all lower taxonomic units.

(b) "*Common name*" column. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. In cases where confusion might arise, one or more synonyms are provided in parentheses within the "Common name" column. If a species has been listed as an Evolutionarily Significant Unit (ESU) or a Distinct Vertebrate Population Segment (DPS), the ESU or DPS names will be provided in brackets "[ ]" following the common name.

(c) "*Scientific name*" column. The Services use the most recently accepted scientific name. In cases where confusion might arise, one or more synonyms are provided in parentheses within the "Scientific name" column. The Services rely, to the extent practicable, on the Integrated Taxonomic Information System (ITIS) to determine a species' scientific name. ITIS incorporates the naming principles established by the *International Code of Zoological Nomenclature* (see paragraph (g) of this section). If the scientific name in ITIS differs from the scientific name adopted for use under the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the CITES nomenclature is provided in brackets "[ ]" within the "Scientific name" column following the ITIS nomenclature.

(d) "*Where listed*" column. The "Where listed" column sets forth the geographic area where the species is listed for purposes of the Act. Except when providing a geographic description of a DPS or ESU, or an experimental population designation, "Wherever found" will be used to indicate the Act's protections apply to all individuals of the species, wherever found.

(e) "*Status*" column. Within the "Status" column, the following abbreviations are used:

Abbreviation	Regulatory status the abbreviation represents
E .....	Endangered species.
T .....	Threatened species.
E (S/A) .....	Endangered based on similarity of appearance to an existing listed species.

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Abbreviation	Regulatory status the abbreviation represents
T (S/A) .....	Threatened based on similarity of appearance to an existing listed species.
XE .....	Essential experimental population (See subpart H of this part).
XN .....	Nonessential experimental population (See subpart H of this part).

(f) “Listing Citations and Applicable Rules” column. The “Listing Citations and Applicable Rules” column is non-regulatory in nature and is provided for informational and navigational purposes only.

(1) Within the “Listing Citations and Applicable Rules” column, the following superscripts are used:

Superscript	Description of citation or rule
N .....	NMFS listing citation (NMFS Lead).
J .....	Both FWS and NMFS listing citation (Joint Jurisdiction).
CH .....	Critical habitat rule.
4d .....	Species-specific “4(d)” rule (a rule issued under the authority of section 4(d) of the Act).
10j .....	Species-specific “10(j)” rule (a rule issued under the authority of section 10(j) of the Act).

(2) Listing citations contain the volume, document starting page number, and publication date of the FEDERAL REGISTER publication(s) in which a species was given status, listed, or reclassified. At least since 1973, these documents have included a statement indicating the basis for the listing, as well as the effective date(s) of the listing or other rules that changed how the spe-

cies was identified in the List in paragraph (h) of this section.

(3) “Critical habitat” and “Species-specific” rules superscripts provide cross-references to other sections in this part or part 222, 223, or 226 of chapter II of this title where critical habitat and species-specific rules are found. The species-specific superscripts also identify experimental populations. Experimental populations (superscript “10j”) are a separate citation, with one of the following symbols in the “Status” column: “XE” for an essential experimental population and “XN” for a nonessential experimental population.

(4) This column is for reference and navigational purposes only. All other appropriate rules in this part, parts 217 through 226 of chapter II of this title apply, if no species-specific rules are referenced. In addition, other rules in this title could relate to such species (for example, port-of-entry requirements). The references in the “Listing Citations and Applicable Rules” column do not comprise a comprehensive list of all regulations that the Services might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The Services will rely to the extent practicable on ITIS (<http://www.itis.gov>) and standard references adopted for CITES (<http://cites.org>).

(h) The “List of Endangered and Threatened Wildlife” is provided in the table in this paragraph (h):

Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
MAMMALS				
Addax .....	<i>Addax nasomaculatus</i> .....	Wherever found ...	E	70 FR 52319, 9/2/2005.
Anoa, lowland .....	<i>Bubalus depressicornis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Anoa, mountain .....	<i>Bubalus quarlesi</i> .....	Wherever found ...	E	41 FR 24061, 6/14/1976.
Antelope, giant sable .....	<i>Hippotragus niger variani</i> .....	Wherever found ...	E	41 FR 24061, 6/14/1976.
Antelope, Tibetan .....	<i>Panthalops hodgsonii</i> .....	Wherever found ...	E	71 FR 15620, 3/29/2006.
Argali [All populations except Kyrgyzstan, Mongolia, and Tajikistan].	<i>Ovis ammon</i> .....	Wherever found except Kyrgyzstan, Mongolia, and Tajikistan.	E	41 FR 24061, 6/14/1976; 57 FR 28014, 6/23/1992.
Argali [Kyrgyzstan, Mongolia, and Tajikistan].	<i>Ovis ammon</i> .....	Kyrgyzstan, Mongolia, and Tajikistan.	T	41 FR 24061, 6/14/1976; 57 FR 28014, 6/23/1992; 50 CFR 17.40(j). <sup>4d</sup>
Armadillo, giant .....	<i>Priodontes maximus</i> .....	Wherever found ...	E	41 FR 24061, 6/14/1976.
Armadillo, pink fairy .....	<i>Chlamyphorus truncatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Ass, African wild .....	<i>Equus africanus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 42 FR 15971, 3/24/1977.
Ass, Asian wild .....	<i>Equus hemionus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Avahi .....	<i>Avahi laniger</i> (=entire genus).	Wherever found ...	E	35 FR 8491, 6/2/1970.

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
Aye-aye .....	<i>Daubentonia madagascariensis</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Babirusa .....	<i>Babyrousa babyrussa</i> .....	Wherever found ...	E	41 FR 24061, 6/14/1976.
Baboon, gelada .....	<i>Theropithecus gelada</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Bandicoot, barred .....	<i>Perameles bougainville</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Bandicoot, desert .....	<i>Perameles eremiana</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Bandicoot, lesser rabbit .....	<i>Macrotis leucura</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Bandicoot, pig-footed .....	<i>Chaeropus ecaudatus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Bandicoot, rabbit .....	<i>Macrotis lagotis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Banteng .....	<i>Bos javanicus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Bat, Bulmer's fruit (flying fox) .....	<i>Aproteles bulmerae</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Bat, bumblebee .....	<i>Craseonycteris thonglongyai</i>	Wherever found ...	E	49 FR 2779, 1/23/1984.
Bat, Florida bonneted .....	<i>Eumops floridanus</i> .....	Wherever found ...	E	78 FR 61003, 10/2/2013.
Bat, gray .....	<i>Myotis grisescens</i> .....	Wherever found ...	E	41 FR 17736, 4/28/1976.
Bat, Hawaiian hoary .....	<i>Lasiurus cinereus semotus</i>	Wherever found ...	E	35 FR 16047, 10/13/1970.
Bat, Indiana .....	<i>Myotis sodalis</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(a). <sup>CH</sup>
Bat, little Mariana fruit .....	<i>Pteropus tokudae</i> .....	Wherever found ...	E	49 FR 33881, 8/27/1984.
Fruit Bat, Mariana (=fanihi, Mariana flying fox).	<i>Pteropus mariannus mariannus</i> .	Wherever found ...	T	49 FR 33881, 8/27/1984; 70 FR 1190, 1/6/2005; 50 CFR 17.95(a). <sup>CH</sup>
Bat, Mexican long-nosed .....	<i>Leptonycteris nivalis</i> .....	Wherever found ...	E	53 FR 38456, 9/30/1988.
Bat, northern long-eared .....	<i>Myotis septentrionalis</i> .....	Wherever found ...	E	80 FR 17974, 4/2/2015; 87 FR 73488, 11/30/22.
Bat, Ozark big-eared .....	<i>Corynorhinus (=Plecotus) townsendii ingens</i> .	Wherever found ...	E	44 FR 69206, 11/30/1979.
Bat, Pacific sheath-tailed (Mariana subspecies) (Payeyi, Paischeey).	<i>Emballonura semicaudata rotensis</i> .	Wherever found ...	E	80 FR 59423, 10/1/2015.
Bat, Pacific sheath-tailed (South Pacific subspecies) (= peapea vai, American Samoa; = tagiti, Samoa; = beka beka, Fiji).	<i>Emballonura semicaudata semicaudata</i> .	Wherever found ...	E	81 FR 65466, 9/22/2016.
Bat, Rodrigues fruit (flying fox) .....	<i>Pteropus rodricensis</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Bat, Singapore roundleaf horse-shoe.	<i>Hipposideros ridleyi</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Bat, Virginia big-eared .....	<i>Corynorhinus (=Plecotus) townsendii virginianus</i> .	Wherever found ...	E	44 FR 69206, 11/30/1979; 50 CFR 17.95(a). <sup>CH</sup>
Bear, Baluchistan .....	<i>Ursus thibetanus gedrosianus</i> .	Wherever found ...	E	51 FR 17977, 5/16/1986.
Bear, brown [Italy] .....	<i>Ursus arctos arctos</i> .....	Italy .....	E	41 FR 24062, 6/14/1976; 41 FR 26019, 6/24/1976.
Bear, brown .....	<i>Ursus arctos pruinosus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Bear, grizzly .....	<i>Ursus arctos horribilis</i> .....	U.S.A., conterminous (lower 48) States, except where listed as an experimental population.	T	32 FR 4001, 3/11/1967; 35 FR 16047, 10/13/1970; 40 FR 31734, 7/28/1975; 72 FR 14866, 3/29/2007; 75 FR 14496, 3/26/2010; 82 FR 30502, 6/30/2017; 84 FR 37144, 7/31/2019; 50 CFR 17.40(b). <sup>4d</sup>
Bear, grizzly .....	<i>Ursus arctos horribilis</i> .....	U.S.A., (portions of ID and MT, see § 17.84(l)).	XN	70 FR 69854; 11/17/2005, 50 CFR 17.84(l) <sup>10j</sup> .
Bear, Mexican grizzly .....	<i>Ursus arctos</i> .....	Mexico .....	E	35 FR 8491, 6/2/1970.
Bear, polar .....	<i>Ursus maritimus</i> .....	Wherever found ...	T	73 FR 28212, 5/15/2008; 50 CFR 17.40(q). <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Beaver (Mongolia) .....	<i>Castor fiber birulai</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Bison, wood .....	<i>Bison bison athabasca</i> .....	Wherever found, except where listed as an experimental population.	T	35 FR 8491, 6/2/1970; 77 FR 26191, 5/3/2012.
Bison, wood .....	<i>Bison bison athabasca</i> .....	U.S.A. (Alaska) ....	XN	79 FR 26175, 5/7/2014; 50 CFR 17.84(x). <sup>10j</sup>
Bobcat, Mexican .....	<i>Lynx (=Felis) rufus escuinapae</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Bontebok (antelope) .....	<i>Damaliscus pygargus (=dorcias) dorcias</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Camel, Bactrian .....	<i>Camelus bactrianus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
Caribou, barren-ground [Dolphin and Union caribou DPS].	<i>Rangifer tarandus groenlandicus</i> .	Canada (Victoria Island, Coronation Gulf, Dolphin and Union Strait, Dease Strait, and Canadian Mainland in Nunavut and Northwest Territories).	E	87 FR 76112, 12/13/2022.
Caribou, woodland [Southern Mountain DPS].	<i>Rangifer tarandus caribou</i> ..	U.S.A. (wherever found), Canada (southeastern British Columbia).	E	48 FR 1722, 1/14/1983; 48 FR 49245, 10/25/1983; 49 FR 7390, 2/29/1984; 83 FR 52598, Oct. 2, 2019; 50 CFR 17.95(a). <sup>CH</sup>
Cat, Andean .....	<i>Felis jacobita</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, Asian golden (=Temminck's)	<i>Catopuma (=Felis) temminckii</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, black-footed .....	<i>Felis nigripes</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, flat-headed .....	<i>Prionailurus (=Felis) planiceps</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, Iriomote .....	<i>Prionailurus (=Felis) bengalensis iriomotensis</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Cat, leopard .....	<i>Prionailurus (=Felis) bengalensis bengalensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, marbled .....	<i>Pardofelis (=Felis) marmorata</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cat, Pakistan sand .....	<i>Felis margarita scheffeli</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Cat, tiger .....	<i>Leopardus (=Felis) tigrinus</i>	Wherever found ...	E	37 FR 6476, 3/30/1972.
Chamois, Apennine .....	<i>Rupicapra rupicapra ornata</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cheetah .....	<i>Acinonyx jubatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 37 FR 6476, 3/30/1972.
Chimpanzee .....	<i>Pan troglodytes</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976; 55 FR 9129, 3/12/1990; 80 FR 34500, 6/16/2015.
Chimpanzee, pygmy .....	<i>Pan paniscus</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976; 55 FR 9129, 3/12/1990.
Chinchilla .....	<i>Chinchilla brevicaudata boliviana</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Civet, Malabar large-spotted .....	<i>Viverra civettina (=megaspila c.)</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Bactrian .....	<i>Cervus elaphus bactrianus</i>	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Barbary .....	<i>Cervus elaphus barbarus</i> ....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Calamianes (=Philippine) ....	<i>Axis porcinus calamianensis</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Deer, Cedros Island mule .....	<i>Odocoileus hemionus cedrosensis</i> .	Wherever found ...	E	40 FR 44149, 9/25/1975.
Deer, Columbian white-tailed [Columbia River DPS].	<i>Odocoileus virginianus leucurus</i> .	Columbia River (Clark, Cowlitz, Pacific, Skamania, and Wahkiakum Counties, WA, and Clatsop, Columbia, and Multnomah Counties, OR).	T	32 FR 4001, 3/11/1967; 68 FR 43647, 7/24/2003; 81 FR 71386, 10/17/2016; 50 CFR 17.40(i). <sup>4d</sup>
Deer, Corsican red .....	<i>Cervus elaphus corsicanus</i>	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Eld's brow-antlered .....	<i>Cervus eldi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, Formosan sika .....	<i>Cervus nippon taiouanus</i> ....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Indochina hog .....	<i>Axis (=Cervus) porcinus annamiticus</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Deer, key .....	<i>Odocoileus virginianus clavium</i> .	Wherever found ...	E	32 FR 4001, 3/11/1967.
Deer, Kuhl's (=Bawean) .....	<i>Axis porcinus kuhli</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, marsh .....	<i>Blastocercus dichotomus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, McNeill's .....	<i>Cervus elaphus macneilli</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, musk .....	<i>Moschus</i> spp. (all species)	Afghanistan, Bhutan, Burma, China (Tibet, Yunnan), India, Nepal, Pakistan, Sikkim.	E	41 FR 24062, 6/14/1976.
Deer, North China sika .....	<i>Cervus nippon mandarinus</i>	Wherever found ...	E	44 FR 37124, 6/25/1979.

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
Deer, pampas .....	<i>Ozotoceros bezoarticus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Deer, Persian fallow .....	<i>Dama mesopotamica</i> (= <i>dama m.</i> )	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, Ryukyu sika .....	<i>Cervus nippon keramae</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, Shansi sika .....	<i>Cervus nippon grassianus</i> ..	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, South China sika .....	<i>Cervus nippon kopschi</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Deer, swamp .....	<i>Cervus duvauceli</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Deer, Visayan .....	<i>Cervus alfredi</i> .....	Wherever found ...	E	53 FR 33990, 9/1/1988.
Deer, Yarkand .....	<i>Cervus elaphus yarkandensis</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Dhole .....	<i>Cuon alpinus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Dibbler .....	<i>Antechinus apicalis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Dog, African wild .....	<i>Lycaon pictus</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Dolphin, Chinese river .....	<i>Lipotes vexillifer</i> .....	Wherever found ...	E	54 FR 22906, 5/30/1989; <sup>N</sup> 54 FR 22905, 5/30/1989.
Dolphin, Hector's .....	<i>Cephalorhynchus hectori hectori</i> .	Wherever found ...	T	82 FR 43701, 9/19/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Dolphin, Maui .....	<i>Cephalorhynchus hectori maui</i> .	Wherever found ...	E	82 FR 43701, 9/19/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Dolphin, South Asian River (Indus River subspecies).	<i>Platanista gangetica minor</i>	Wherever found ...	E	55 FR 50835, 12/11/1990; <sup>N</sup> 56 FR 1463, 1/14/1991.
Dolphin, Taiwanese humpback ....	<i>Sousa chinensis taiwanensis</i> .	Wherever found ...	E	83 FR 21182, 5/9/2018; <sup>N</sup> 84 FR 13809, 4/8/2019.
Drill .....	<i>Mandrillus (=Papio) leucophaeus</i> .	Wherever found ...	E	41 FR 45990, 10/19/1976.
Dugong .....	<i>Dugong dugon</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970; 68 FR 70185, 12/17/2003.
Duiker, Jentink's .....	<i>Cephalophus jentinki</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Eland, western giant .....	<i>Taurotragus derbianus derbianus</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Elephant, African .....	<i>Loxodonta africana</i> .....	Wherever found ...	T	43 FR 20499, 5/12/1978; 50 CFR 17.40(e). <sup>4d</sup>
Elephant, Asian .....	<i>Elephas maximus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Ferret, black-footed .....	<i>Mustela nigripes</i> .....	Wherever found, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970; 56 FR 41473, 9/21/1991; 59 FR 42682, 8/18/1994; 59 FR 42696, 8/18/1994; 61 FR 11320, 3/20/1996; 63 FR 52824, 10/1/1998; 65 FR 60879, 10/13/2000; 68 FR 26498, 5/16/2003; 80 FR 66821, 10/30/2015.
Ferret, black-footed .....	<i>Mustela nigripes</i> .....	U.S.A. (WY and specified portions of AZ, CO, MT, SD, and UT, see § 17.84(g)(9)).	XN	56 FR 41473, 8/21/1991; 59 FR 42682, 8/18/1994; 59 FR 42696, 8/18/1994; 61 FR 11320, 3/20/1996; 63 FR 52824, 10/1/1998; 65 FR 60879, 10/13/2000; 68 FR 26498, 5/16/2003; 80 FR 66821, 10/30/2015; 50 CFR 17.84(g). <sup>10</sup>
Fisher (Southern Sierra Nevada DPS).	<i>Pekania pennanti</i> .....	U.S.A. (Southern Sierra Nevada, CA).	E	85 FR 29532, 5/15/2020.
Fox, northern swift .....	<i>Vulpes velox hebes</i> .....	Canada .....	E	35 FR 8491, 6/2/1970.
Fox, San Joaquin kit .....	<i>Vulpes macrotis mutica</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Fox, Santa Catalina Island .....	<i>Urocyon littoralis catalinae</i> ..	Wherever found ...	T	69 FR 10335, 3/5/2004; 81 FR 53515, 8/12/2016; 50 CFR 17.95(a). <sup>CH</sup>
Fox, Sierra Nevada red [Sierra Nevada DPS].	<i>Vulpes vulpes necator</i> .....	U.S.A. (CA)—Sierra Nevada.	E	86 FR 41743, 8/3/2021.
Fox, Simien .....	<i>Canis simensis</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Gazelle, Arabian .....	<i>Gazella gazella</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Gazelle, Clark's .....	<i>Ammodorcas clarkei</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gazelle, dama .....	<i>Gazella dama</i> .....	Wherever found ...	E	70 FR 52319, 9/2/2005; 35 FR 8491, 6/2/1970.
Gazelle, Moroccan .....	<i>Gazella dorcas massaesyala</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gazelle, mountain (=Cuvier's) .....	<i>Gazella cuvieri</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gazelle, Pelzeln's .....	<i>Gazella dorcas pelzelni</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Gazelle, sand .....	<i>Gazella subgutturosa marica</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Gazelle, Saudi Arabian .....	<i>Gazella dorcas saudiya</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.

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Gazelle, slender-horned .....	<i>Gazella leptoceros</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gibbons .....	<i>Hylobates</i> spp. (including <i>Nomascus</i> ).	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976.
Goral .....	<i>Nemorhaedus goral</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Gorilla .....	<i>Gorilla gorilla</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Hare, hispid .....	<i>Caprolagus hispidus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hartebeest, Swayne's .....	<i>Alcelaphus buselaphus swaynei</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976.
Hartebeest, Tora .....	<i>Alcelaphus buselaphus tora</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hog, pygmy .....	<i>Sus salvanius</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Horse, Przewalski's .....	<i>Equus przewalskii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Huemul, north Andean .....	<i>Hippocamelus antisensis</i> ....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Huemul, south Andean .....	<i>Hippocamelus bisulcus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hutia, Cabrera's .....	<i>Capromys angelcabrerai</i> ....	Wherever found ...	E	51 FR 17977, 5/16/1986.
Hutia, dwarf .....	<i>Capromys nana</i> .....	Wherever found ...	E	51 FR 17977, 5/16/1986.
Hutia, large-eared .....	<i>Capromys auritus</i> .....	Wherever found ...	E	51 FR 17977, 5/16/1986.
Hutia, little earth .....	<i>Capromys sanfelipensis</i> .....	Wherever found ...	E	51 FR 17977, 5/16/1986.
Hyena, Barbary .....	<i>Hyaena hyaena barbara</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Hyena, brown .....	<i>Parahyaena (=Hyaena) brunnea</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Ibex, Pyrenean .....	<i>Capra pyrenaica pyrenaica</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Ibex, Walia .....	<i>Capra walia</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Impala, black-faced .....	<i>Aepyceros melampus petersi</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Indri .....	<i>Indri indri</i> (=entire genus) ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Jaguar .....	<i>Panthera onca</i> .....	Wherever found ...	E	37 FR 6476, 3/30/1972; 62 FR 39147, 7/22/1997; 50 CFR 17.95(a), <sup>CH</sup> 41 FR 24062, 6/14/1976.
Jaguarundi, Guatemalan .....	<i>Herpailurus (=Felis) yagouaroundi fossata</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Jaguarundi, Gulf Coast .....	<i>Puma yagouaroundi cacomilti</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Jaguarundi, Panamanian .....	<i>Herpailurus (=Felis) yagouaroundi panamensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Jaguarundi, Sinaloa .....	<i>Puma yagouaroundi toteca</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Kangaroo rat, Fresno .....	<i>Dipodomys nitratoides exilis</i>	Wherever found ...	E	50 FR 4222, 1/30/1985; 50 CFR 17.95(a), <sup>CH</sup> 52 FR 283, 1/5/1987.
Kangaroo rat, giant .....	<i>Dipodomys ingens</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970; 50 CFR 17.95(a), <sup>CH</sup> 63 FR 3835, 1/27/1988; 63 FR 51005, 9/24/1988; 50 CFR 17.95(a), <sup>CH</sup>
Kangaroo rat, Morro Bay .....	<i>Dipodomys heermanni morroensis</i> .	Wherever found ...	E	53 FR 38465, 9/30/1988; 87 FR 8967; 2/17/2022; 50 CFR 17.40(t), <sup>4d</sup> 53 FR 25608, 7/8/1988.
Kangaroo rat, San Bernardino Merriam's.	<i>Dipodomys merriami parvus</i>	Wherever found ...	E	53 FR 38465, 9/30/1988; 87 FR 8967; 2/17/2022; 50 CFR 17.40(t), <sup>4d</sup> 53 FR 25608, 7/8/1988.
Kangaroo rat, Stephens' .....	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i> ).	Wherever found ...	T	53 FR 38465, 9/30/1988; 87 FR 8967; 2/17/2022; 50 CFR 17.40(t), <sup>4d</sup> 53 FR 25608, 7/8/1988.
Kangaroo rat, Tipton .....	<i>Dipodomys nitratoides nitratoides</i> .	Wherever found ...	E	53 FR 38465, 9/30/1988; 87 FR 8967; 2/17/2022; 50 CFR 17.40(t), <sup>4d</sup> 53 FR 25608, 7/8/1988.
Kangaroo, Tasmanian forester .....	<i>Macropus giganteus tasmaniensis</i> .	Wherever found ...	E	38 FR 14678, 6/4/1973.
Koala .....	<i>Phascolarctos cinereus</i> .....	Australia .....	T	65 FR 26762, 5/9/2000.
Kouprey .....	<i>Bos sauveli</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Langur, capped .....	<i>Trachypithecus (=Presbytis) pileatus</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Langur, Douc .....	<i>Pygathrix nemaeus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Langur, Francois' .....	<i>Trachypithecus (=Presbytis) francoisi</i> .	Wherever found ...	E	41 FR 45990, 10/19/1976.
Langur, golden .....	<i>Trachypithecus (=Presbytis) geei</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Langur, gray (=entellus) .....	<i>Semnopithecus (=Presbytis) entellus</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Langur, long-tailed .....	<i>Presbytis potenziani</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c), <sup>4d</sup> 35 FR 8491, 6/2/1970.
Langur, Pagi Island .....	<i>Nasalis concolor</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Langur, purple-faced .....	<i>Presbytis senex</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c), <sup>4d</sup> 35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976; 45 FR 65132, 10/1/1980.
Lechwe, red .....	<i>Kobus leche</i> .....	Wherever found ...	T	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976; 45 FR 65132, 10/1/1980.

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Lemurs .....	<i>Lemuridae</i> (incl. genera <i>Lemur</i> , <i>Phaner</i> , <i>Haplemur</i> , <i>Lepilemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i> ).	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976; 41 FR 26019, 6/24/1976.
Leopard .....	<i>Panthera pardus</i> .....	Wherever found, except where it is listed as threatened.	E	35 FR 8491, 6/2/1970; 37 FR 6476, 3/30/1972; 47 FR 4204, 1/28/1982.
Leopard [Southern Africa populations].	<i>Panthera pardus</i> .....	In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya.	T	35 FR 8491, 6/2/1970; 37 FR 6476, 3/30/1972; 47 FR 4204, 1/28/1982; 50 CFR 17.40(f). <sup>4d</sup>
Leopard, clouded .....	<i>Neofelis nebulosa</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976.
Leopard, snow .....	<i>Uncia</i> (=Panthera) <i>uncia</i> .....	Wherever found ...	E	37 FR 6476, 3/30/1972.
Linsang, spotted .....	<i>Prionodon pardicolor</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Lion .....	<i>Panthera leo leo</i> .....	Wherever found ...	E	80 FR 79999, 12/23/2015.
Lion .....	<i>Panthera leo melanochaita</i>	Wherever found ...	T	80 FR 79999, 12/23/2015; 50 CFR 17.40(n). <sup>4d</sup>
Loris, lesser slow .....	<i>Nycticebus pygmaeus</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Lynx, Canada [Contiguous U.S. DPS].	<i>Lynx canadensis</i> .....	Where found within contiguous U.S.A..	T	65 FR 16053, 3/24/2000; 50 CFR 17.40(k). <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Lynx, Spanish .....	<i>Felis pardina</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Macaque, Formosan rock .....	<i>Macaca cyclopis</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Macaque, Japanese .....	<i>Macaca fuscata</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Macaque, lion-tailed .....	<i>Macaca silenus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Macaque, stump-tailed .....	<i>Macaca arctoides</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Macaque, Toque .....	<i>Macaca sinica</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Manatee, Amazonian .....	<i>Trichechus inunguis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Manatee, West African .....	<i>Trichechus senegalensis</i> .....	Wherever found ...	T	44 FR 42910, 7/20/1979.
Manatee, West Indian .....	<i>Trichechus manatus</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970; 82 FR 16668, 4/5/2017; 50 CFR 17.108(a); 50 CFR 17.95(a). <sup>CH</sup>
Mandrill .....	<i>Mandrillus</i> (=Papio) <i>sphinx</i>	Wherever found ...	E	41 FR 45990, 10/19/1976.
Mangabey, Tana River .....	<i>Cercocebus galeritus galeritus</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Mangabey, white-collared .....	<i>Cercocebus torquatus</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Margay .....	<i>Leopardus</i> (=Felis) <i>wiedii</i> .....	Mexico southward	E	37 FR 6476, 3/30/1972.
Markhor, chiltan (=wild goat) .....	<i>Capra falconeri</i> (=aegagrus) <i>chiltanensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Markhor, straight-horned .....	<i>Capra falconeri megaceros</i>	Wherever found ...	T	41 FR 24062, 6/14/1976; 79 FR 60365, 10/7/2014; 50 CFR 17.40(d). <sup>4d</sup>
Marmoset, buff-headed .....	<i>Callithrix flaviceps</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Marmoset, cotton-top .....	<i>Saguinus oedipus</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Marmoset, Goeldi's .....	<i>Callimico goeldii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Marmoset, white-eared (=buffy tufted-ear).	<i>Callithrix aurita</i> (=jacchus a.).	Wherever found ...	E	51 FR 17977, 5/16/1986.
Marmot, Vancouver Island .....	<i>Marmota vancouverensis</i> .....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Marsupial, eastern jerboa .....	<i>Antechinomys laniger</i> .....	Wherever found ...	E	35 FR 18319, 6/2/1970.
Marsupial-mouse, large desert .....	<i>Sminthopsis psammophila</i> .....	Wherever found ...	E	35 FR 18319, 6/2/1970.
Marsupial-mouse, long-tailed .....	<i>Sminthopsis longicaudata</i> .....	Wherever found ...	E	35 FR 18319, 6/2/1970.
Marten, Formosan yellow-throated	<i>Martes flavivulva chrysospila</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Marten, Pacific [Coastal DPS] .....	<i>Martes caurina</i> .....	U.S.A. (CA (northwestern), OR (southwestern)).	T	85 FR 63806, 10/8/2020; 50 CFR 17.40(s). <sup>4d</sup>
Monkey, black colobus .....	<i>Colobus satanas</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Monkey, black howler .....	<i>Alouatta pigra</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Monkey, Diana .....	<i>Cercopithecus diana</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.

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Monkey, Guizhou snub-nosed .....	<i>Rhinopithecus brelichi</i> .....	Wherever found ...	E	55 FR 39414, 9/27/1990.
Monkey, L'hoest's .....	<i>Cercopithecus lhoesti</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Monkey, mantled howler .....	<i>Alouatta palliata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Monkey, Preuss' red colobus .....	<i>Procolobus (=Colobus) preussi (=badius p.)</i> .	Wherever found ...	E	49 FR 2779, 1/23/1984.
Monkey, proboscis .....	<i>Nasalis larvatus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Monkey, red-backed squirrel .....	<i>Saimiri oerstedii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Monkey, red-bellied .....	<i>Cercopithecus erythrogaster</i>	Wherever found ...	E	41 FR 45990, 10/19/1976.
Monkey, red-eared nose-spotted ..	<i>Cercopithecus erythrotis</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Monkey, Sichuan snub-nosed .....	<i>Rhinopithecus roxellana</i> .....	Wherever found ...	E	55 FR 39414, 9/27/1990.
Monkey, spider .....	<i>Ateles geoffroyi frontatus</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Monkey, spider .....	<i>Ateles geoffroyi panamensis</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Monkey, Tana River red colobus	<i>Procolobus (=Colobus) rufomitratus (=badius r.)</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Monkey, Tonkin snub-nosed .....	<i>Rhinopithecus avunculus</i> ...	Wherever found ...	E	41 FR 45990, 10/19/1976; 55 FR 39414, 9/27/1990.
Monkey, woolly spider .....	<i>Brachyteles arachnoides</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Monkey, yellow-tailed woolly .....	<i>Lagothrix flavicauda</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Monkey, Yunnan snub-nosed .....	<i>Rhinopithecus bieti</i> .....	Wherever found ...	E	55 FR 39414, 9/27/1990.
Monkey, Zanzibar red colobus .....	<i>Procolobus (=Colobus) pennantii (=kirkij) kirkij</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Mountain beaver, Point Arena .....	<i>Aplodontia rufa nigra</i> .....	Wherever found ...	E	56 FR 64716, 12/12/1991.
Mouse, Alabama beach .....	<i>Peromyscus polionotus ammobates</i> .	Wherever found ...	E	50 FR 23872, 6/6/1985; 50 CFR 17.95(a), <sup>CH</sup>
Mouse, Anastasia Island beach ...	<i>Peromyscus polionotus phasma</i> .	Wherever found ...	E	54 FR 20598, 5/12/1989.
Mouse, Australian native .....	<i>Notomys aquilo</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Mouse, Australian native .....	<i>Zyomys pedunculatus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Mouse, Choctawhatchee beach ...	<i>Peromyscus polionotus allophrys</i> .	Wherever found ...	E	50 FR 23872, 6/6/1985; 50 CFR 17.95(a), <sup>CH</sup>
Mouse, Field's .....	<i>Pseudomys fieldi</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Mouse, Gould's .....	<i>Pseudomys gouldii</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Mouse, Key Largo cotton .....	<i>Peromyscus gossypinus allapaticola</i> .	Wherever found ...	E	48 FR 43040, 9/21/1983; 49 FR 34504, 8/31/1984.
Mouse, New Holland .....	<i>Pseudomys novaehollandiae</i> .	Wherever found ...	E	35 FR 18319, 12/2/1970.
Mouse, New Mexico meadow jumping.	<i>Zapus hudsonius luteus</i> .....	Wherever found ...	E	79 FR 33119, 6/10/2014; 50 CFR 17.95(a), <sup>CH</sup>
Mouse, Pacific pocket .....	<i>Perognathus longimembris pacificus</i> .	Wherever found ...	E	59 FR 5306, 2/3/1994; 59 FR 49752, 9/29/1994.
Mouse, Perdido Key beach .....	<i>Peromyscus polionotus trissyllepsis</i> .	Wherever found ...	E	50 FR 23872, 6/6/1985; 50 CFR 17.95(a), <sup>CH</sup>
Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i> .....	Wherever found ...	T	63 FR 26517, 5/13/1998; 78 FR 31679, 5/24/2013; 50 CFR 17.40(l); <sup>4d</sup> 50 CFR 17.95(a), <sup>CH</sup>
Mouse, salt marsh harvest .....	<i>Reithrodontomys raviventris</i>	Wherever found ...	E	35 FR 16047, 10/13/1970.
Mouse, Shark Bay .....	<i>Pseudomys praeconis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Mouse, Shortridge's .....	<i>Pseudomys shortridgei</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Mouse, smoky .....	<i>Pseudomys fumeus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Mouse, southeastern beach .....	<i>Peromyscus polionotus niveiventris</i> .	Wherever found ...	T	54 FR 20598, 5/12/1989.
Mouse, St. Andrew beach .....	<i>Peromyscus polionotus peninsularis</i> .	Wherever found ...	E	63 FR 70053, 12/18/1998; 50 CFR 17.95(a), <sup>CH</sup>
Mouse, western .....	<i>Pseudomys occidentalis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Muntjac, Fea's .....	<i>Muntiacus feae</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Native-cat, eastern .....	<i>Dasyurus viverrinus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Numbat .....	<i>Myrmecobius fasciatus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970; 38 FR 14678, 6/4/1973.
Ocelot .....	<i>Leopardus (=Felis) pardalis</i>	Wherever found ...	E	37 FR 6476, 3/30/1972; 47 FR 31670, 7/21/1982.
Orangutan .....	<i>Pongo abelii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 83 FR 2085, 1/16/2018.
Orangutan .....	<i>Pongo pygmaeus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 83 FR 2085, 1/16/2018.
Oryx, Arabian .....	<i>Oryx leucoryx</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Oryx, scimitar-horned .....	<i>Oryx dammah</i> .....	Wherever found ...	E	70 FR 52319, 9/2/2005.
Otter, Cameroon clawless .....	<i>Aonyx congicus (=congica) microdon</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Otter, giant .....	<i>Pteronura brasiliensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Otter, long-tailed .....	<i>Lontra (=Lutra) longicaudis</i> (incl. <i>platensis</i> ).	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/24/1976.
Otter, marine .....	<i>Lontra (=Lutra) felina</i> .....	Wherever found ...	E	41 FR 24062, 6/24/1976.

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Otter, northern sea [Southwest Alaska DPS].	<i>Enhydra lutris kenyoni</i> .....	Southwest Alaska, from Attu Island to Western Cook Inlet, including Bristol Bay, the Kodiak Archipelago, and the Barren Islands.	T	70 FR 46366, 8/9/2005; 50 CFR 17.40(p); <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Otter, southern river .....	<i>Lontra (=Lutra) provocax</i> ....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Otter, southern sea .....	<i>Enhydra lutris nereis</i> .....	Wherever found ...	T	42 FR 2965, 1/14/1977.
Panda, giant .....	<i>Ailuropoda melanoleuca</i> ....	Wherever found ...	E	49 FR 2779, 1/23/1984.
Pangolin, Temnick's ground .....	<i>Manis temmincki</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Panther, Florida .....	<i>Puma (=Felis) concolor coryi</i> .	Wherever found ...	E	32 FR 4001, 3/11/1967.
Planigale, little .....	<i>Planigale ingrami subtilissima</i> .	Wherever found ...	E	35 FR 18319, 12/2/1970.
Planigale, southern .....	<i>Planigale tenuirostris</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Pocket gopher, Olympia .....	<i>Thomomys mazama pugetensis</i> .	Wherever found ...	T	79 FR 19759, 4/9/2014; 50 CFR 17.40(a); <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Pocket gopher, Roy Prairie .....	<i>Thomomys mazama glacialis</i> .	Wherever found ...	T	79 FR 19759, 4/9/2014; 50 CFR 17.40(a); <sup>4d</sup>
Pocket gopher, Tenino .....	<i>Thomomys mazama tumuli</i>	Wherever found ...	T	79 FR 19759, 4/9/2014; 50 CFR 17.40(a); <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Pocket gopher, Yelm .....	<i>Thomomys mazama yelmensis</i> .	Wherever found ...	T	79 FR 19759, 4/9/2014; 50 CFR 17.40(a); <sup>4d</sup> 50 CFR 17.95(a). <sup>CH</sup>
Porcupine, thin-spined .....	<i>Chaetomys subspinosus</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Porpoise, Gulf of California harbor (cochito, vaquita).	<i>Phocoena sinus</i> .....	Wherever found ...	E	50 FR 1056, 1/9/1985; <sup>N</sup> 50 FR 1056, 1/9/1985.
Possum, Leadbeater's .....	<i>Gymnobelideus leadbeateri</i>	Wherever found ...	E	51 FR 17977, 5/16/1986.
Possum, mountain pygmy .....	<i>Burramys parvus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Possum, scaly-tailed .....	<i>Wyulda squamicaudata</i> ....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Prairie dog, Mexican .....	<i>Cynomys mexicanus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Prairie dog, Utah .....	<i>Cynomys parvidens</i> .....	Wherever found ...	T	38 FR 14678, 6/4/1973; 49 FR 22330, 5/29/1984; 50 CFR 17.40(g). <sup>4d</sup>
Pronghorn, peninsular .....	<i>Antilocapra americana peninsularis</i> .	Wherever found ...	E	40 FR 44149, 9/25/1975.
Pronghorn, Sonoran .....	<i>Antilocapra americana sonoriensis</i> .	Wherever found, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970.
Pronghorn, Sonoran .....	<i>Antilocapra americana sonoriensis</i> .	In Arizona, an area north of Interstate 8 and south of Interstate 10, bounded by the Colorado River on the west and Interstate 10 on the east; and an area south of Interstate 8, bounded by Highway 85 on the west, Interstates 10 and 19 on the east, and the U.S.-Mexico border on the south.	XN	76 FR 25593, 5/5/2011; 50 CFR 17.84(v). <sup>1Q</sup>
Pudu .....	<i>Pudu pudu</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Puma (=mountain lion) .....	<i>Puma (=Felis) concolor</i> (all subsp. except <i>coryi</i> ).	U.S.A. (FL) .....	T(S/A)	56 FR 40265, 8/14/1991; 50 CFR 17.40(h). <sup>4d</sup>
Puma, Costa Rican .....	<i>Puma (=Felis) concolor costaricensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Quokka .....	<i>Setonix brachyurus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.

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Rabbit, Columbia Basin pygmy [Columbia Basin DPS].	<i>Brachylagus idahoensis</i> .....	U.S.A. (WA—Douglas, Grant, Lincoln, Adams, Benton Counties).	E	68 FR 10388, 3/5/2003.
Rabbit, Lower Keys .....	<i>Sylvilagus palustris hefneri</i>	Wherever found ...	E	55 FR 25588, 6/21/1990.
Rabbit, riparian brush .....	<i>Sylvilagus bachmani riparius</i> .	Wherever found ...	E	65 FR 8881, 2/23/2000.
Rabbit, Ryukyu .....	<i>Pentalagus furnessi</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Rabbit, volcano .....	<i>Romerolagus diazi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rat, false water .....	<i>Xeromys myoides</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rat, stick-nest .....	<i>Leporillus conditor</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1970.
Rat-kangaroo, brush-tailed .....	<i>Bettongia penicillata</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rat-kangaroo, desert (=plain) .....	<i>Caloprymnus campestris</i> ....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rat-kangaroo, Gaimard's .....	<i>Bettongia gaimardi</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1970.
Rat-kangaroo, Lesueur's .....	<i>Bettongia lesueur</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rat-kangaroo, Queensland .....	<i>Bettongia tropica</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rhinoceros, black .....	<i>Diceros bicornis</i> .....	Wherever found ...	E	45 FR 47352, 7/14/1980.
Rhinoceros, great Indian .....	<i>Rhinoceros unicornis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Rhinoceros, Javan .....	<i>Rhinoceros sondaicus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rhinoceros, northern white .....	<i>Ceratotherium simum cottoni</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rhinoceros, southern white .....	<i>Ceratotherium simum simum</i> .	Wherever found ...	T(S/A)	79 FR 28847, 5/20/2014.
Rhinoceros, Sumatran .....	<i>Dicerorhinus sumatrensis</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rice rat [Lower FL Keys DPS] .....	<i>Oryzomys palustris natator</i>	Lower FL Keys (west of Seven Mile Bridge).	E	56 FR 19809, 4/30/1990; 50 CFR 17.95(a). <sup>CH</sup>
Saiga, Mongolian (antelope) .....	<i>Saiga tatarica mongolica</i> ....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Saki, southern bearded .....	<i>Chiropotes satanas satanas</i>	Wherever found ...	E	51 FR 17977, 5/16/1986.
Saki, white-nosed .....	<i>Chiropotes albinasus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Sea lion, Steller [Western DPS] ...	<i>Eumetopias jubatus</i> .....	Western DPS—see 50 CFR 224.101.	E	55 FR 13488, 4/10/1990; 55 FR 50005, 12/4/1990; 62 FR 24345, 5/5/1997; <sup>N</sup> 62 FR 30772, 6/5/1997; 50 CFR 226.202; <sup>CH</sup> 50 CFR 224.103.
Seal, bearded [Beringia DPS] .....	<i>Erignathus barbatus nauticus</i> .	Beringia DPS—see 50 CFR 223.102.	T	77 FR 76740, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.229. <sup>CH</sup>
Seal, bearded [Okhotsk DPS] .....	<i>Erignathus barbatus nauticus</i> .	Okhotsk DPS—see 50 CFR 223.102.	T	77 FR 76739, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014.
Seal, Guadalupe fur .....	<i>Arctocephalus townsendi</i> ....	Wherever found ...	T	32 FR 4001, 3/11/1967; 35 FR 16047, 10/13/1970; 50 FR 51251, 12/16/1985; 55 FR 14051, 3/23/1999; <sup>N</sup> 50 CFR 223.201. <sup>4d</sup>
Seal, Hawaiian monk .....	<i>Neomonachus schauinslandi</i> (=Monachus schauinslandi).	Wherever found ...	E	41 FR 51611, 11/23/1976; 55 FR 14051, 3/23/1999; <sup>N</sup> 50 CFR 226.201. <sup>CH</sup>
Seal, Mediterranean monk .....	<i>Monachus monachus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 55 FR 14051, 3/23/1999. <sup>N</sup>
Seal, ringed (Arctic subspecies) ...	<i>Phoca</i> (=Pusa) <i>hispidia hispidia</i> .	Wherever found ...	T	77 FR 76706, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.228. <sup>CH</sup>
Seal, ringed (Baltic subspecies) ...	<i>Phoca</i> (=Pusa) <i>hispidia botnica</i> .	Wherever found ...	T	77 FR 76705, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014.
Seal, ringed (Ladoga subspecies)	<i>Phoca</i> (=Pusa) <i>hispidia ladogensis</i> .	Wherever found ...	E	77 FR 76705, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014.
Seal, ringed (Okhotsk subspecies)	<i>Phoca</i> (=Pusa) <i>hispidia ochotensis</i> .	Wherever found ...	T	77 FR 76705, 12/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014.
Seal, ringed (Saimaa subspecies)	<i>Phoca</i> (=Pusa) <i>hispidia saimensis</i> .	Wherever found ...	E	58 FR 26920, 5/6/1993; <sup>N</sup> 58 FR 40538, 7/28/1993.
Seal, spotted [Southern DPS] .....	<i>Phoca largha</i> .....	Southern DPS—see 50 CFR 223.102.	T	75 FR 65239, 10/22/2010; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.212. <sup>4d</sup>
Seledang .....	<i>Bos gaurus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Serow .....	<i>Naemorhedus</i> (=Capricornis) <i>sumatraensis</i> .	Wherever found ...	E	41 FR 26019, 6/24/1976.

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Serval, Barbary .....	<i>Leptailurus (=Felis) serval constantina</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Shapo .....	<i>Ovis vignei vignei</i> .....	Wherever found ...	E	41 FR 26019, 6/24/1976.
Sheep, Peninsular bighorn [Peninsular CA DPS].	<i>Ovis canadensis nelsoni</i> .....	U.S.A. (CA) Peninsular Ranges.	E	63 FR 13134, 3/18/1998; 50 CFR 17.95(a). <sup>CH</sup>
Sheep, Sierra Nevada bighorn .....	<i>Ovis canadensis sierrae</i> .....	U.S.A. (CA)—Sierra Nevada.	E	64 FR 19300, 4/20/1999; 65 FR 20, 1/3/2000; 73 FR 45534, 8/5/2008; 50 CFR 17.95(a). <sup>CH</sup>
Shou .....	<i>Cervus elaphus wallichi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Shrew, Buena Vista Lake .....	<i>Sorex ornatus relictus</i> .....	Wherever found ...	E	67 FR 10101, 3/6/2002; 50 CFR 17.95(a). <sup>CH</sup>
Siamang .....	<i>Symphalangus syndactylus</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Sifakas .....	<i>Propithecus spp.</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Sloth, Brazilian three-toed .....	<i>Bradypus torquatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Solenodon, Cuban .....	<i>Solenodon cubanus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Solenodon, Haitian .....	<i>Solenodon paradoxus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Squirrel, Carolina northern flying ..	<i>Glaucornys sabrinus coloratus</i> .	Wherever found ...	E	50 FR 26999, 7/1/1985.
Squirrel, Mount Graham red .....	<i>Tamiasciurus fremonti grahamensis</i> .	Wherever found ...	E	52 FR 20994, 6/3/1987; 50 CFR 17.95(a). <sup>CH</sup>
Squirrel, northern Idaho ground ...	<i>Spermophilus brunneus brunneus</i> .	Wherever found ...	T	65 FR 17780, 4/5/2000.
Stag, Barbary .....	<i>Cervus elaphus barbarus</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Stag, Kashmir .....	<i>Cervus elaphus hanglu</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Suni, Zanzibar .....	<i>Neotragus moschatus moschatus</i> .	Wherever found ...	E	44 FR 37124, 6/25/1979.
Tahr, Arabian .....	<i>Hemitragus jayakari</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Tamaraw .....	<i>Bubalus mindorensis</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Tamarin, golden-rumped .....	<i>Leontopithecus spp.</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tamarin, pied .....	<i>Saguinus bicolor</i> .....	Wherever found ...	E	41 FR 45990, 10/19/1976.
Tamarin, white-footed .....	<i>Saguinus leucopus</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Tapir, Asian .....	<i>Tapirus indicus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Tapir, Central American .....	<i>Tapirus bairdii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tapir, mountain .....	<i>Tapirus pinchaque</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tapir, South American (=Brazilian).	<i>Tapirus terrestris</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tarsier, Philippine .....	<i>Tarsius syrichta</i> .....	Wherever found ...	T	41 FR 45990, 10/19/1976; 50 CFR 17.40(c). <sup>4d</sup>
Tiger .....	<i>Panthera tigris</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 37 FR 6476, 3/30/1972.
Tiger, Tasmanian .....	<i>Thylacinus cynocephalus</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Uakari (all species) .....	<i>Cacajao spp.</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Urial .....	<i>Ovis musimon ophion</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Vicuna [Argentina, Bolivia, Chile and Peru].	<i>Vicugna vicugna</i> .....	Wherever found, except Ecuador.	T	35 FR 8491, 6/2/1970; 67 FR 37695, 5/30/2002; 50 CFR 17.40(m). <sup>4d</sup>
Vicuna [Ecuador DPS] .....	<i>Vicugna vicugna</i> .....	Ecuador .....	E	35 FR 8491, 6/2/1970; 67 FR 37695, 5/30/2002.
Vole, Amargosa .....	<i>Microtus californicus scirpensis</i> .	Wherever found ...	E	49 FR 45160, 11/15/1984; 50 CFR 17.95(a). <sup>CH</sup>
Vole, Florida salt marsh .....	<i>Microtus pennsylvanicus dukecampbelli</i> .	Wherever found ...	E	56 FR 1457, 1/14/1991.
Wallaby, banded hare .....	<i>Lagostrophus fasciatus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wallaby, brindled nail-tailed .....	<i>Onychogalea fraenata</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wallaby, crescent nail-tailed .....	<i>Onychogalea lunata</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wallaby, Parma .....	<i>Macropus parma</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wallaby, western hare .....	<i>Lagorchestes hirsutus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wallaby, yellow-footed rock .....	<i>Petrogale xanthopus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Whale, beluga [Cook Inlet DPS] ..	<i>Delphinapterus leucas</i> .....	Cook Inlet DPS—see 50 CFR 224.101.	E	73 FR 62919, 10/22/2008; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.220. <sup>CH</sup>
Whale, blue .....	<i>Balaenoptera musculus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Whale, bowhead .....	<i>Balaena mysticetus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Whale, false killer [Main Hawaiian Islands Insular DPS].	<i>Pseudorca crassidens</i> .....	Main Hawaiian Islands Insular DPS—see 50 CFR 224.101.	E	77 FR 70915, 11/28/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.226. <sup>CH</sup>
Whale, finback .....	<i>Balaenoptera physalus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Whale, gray [Western North Pacific DPS].	<i>Eschrichtius robustus</i> .....	Western North Pacific DPS—see 50 CFR 224.101.	E	35 FR 8491, 6/2/1970; 59 FR 31094, 6/16/1994; <sup>N</sup> 79 FR 42687, 7/23/2014.

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Whale, humpback [Arabian Sea DPS].	<i>Megaptera novaeangliae</i> ....	Arabian Sea DPS—see 50 CFR 224.101.	E	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970; 81 FR 62260, 9/8/2016 <sup>N</sup> ; 81 FR 93639, 12/21/2016.
Whale, humpback [Cape Verde Islands/Northwest Africa DPS].	<i>Megaptera novaeangliae</i> ....	Cape Verde Islands/Northwest Africa DPS—see 50 CFR 224.101.	E	35 FR 8491, 6/0/1970; 35 FR 18319, 12/2/1970; 81 FR 62260, 9/8/2016 <sup>N</sup> ; 81 FR 93639, 12/21/2016.
Whale, humpback [Central America DPS].	<i>Megaptera novaeangliae</i> ....	Central America DPS—see 50 CFR 224.101.	E	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970; 81 FR 62260, 9/8/2016; <sup>N</sup> 81 FR 93639, 12/21/2016; 87 FR 8981, 2/17/22; 50 CFR 226.227. <sup>CH</sup>
Whale, humpback [Mexico DPS] ..	<i>Megaptera novaeangliae</i> ....	Mexico DPS—see 50 CFR 223.102.	T	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970; 81 FR 62260, 9/8/2016; <sup>N</sup> 81 FR 93639, 12/21/2016; 87 FR 8981, 2/17/2022; 50 CFR 223.213; 50 CFR 223.214; 50 CFR 226.227. <sup>CH</sup>
Whale, humpback [Western North Pacific DPS].	<i>Megaptera novaeangliae</i> ....	Western North Pacific DPS—see 50 CFR 224.101.	E	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970; 81 FR 62260, 9/8/2016; <sup>N</sup> 81 FR 93639, 12/21/2016; 87 FR 8981, 2/17/2022; 50 CFR 224.103; 50 CFR 226.227. <sup>CH</sup>
Whale, killer [Southern Resident DPS].	<i>Orcinus orca</i> .....	Southern Resident DPS—see 50 CFR 224.101.	E	70 FR 69903, 11/18/2005; <sup>N</sup> 72 FR 16284, 4/4/2007; 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 80 CFR 7380, 2/10/2015; <sup>N</sup> 50 CFR 224.103; 50 CFR 226.206. <sup>CH</sup>
Whale, North Atlantic right .....	<i>Eubalaena glacialis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 73 FR 12024, 3/6/2008; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 224.103; 50 CFR 224.105; 50 CFR 226.203. <sup>CH</sup>
Whale, North Pacific right .....	<i>Eubalaena japonica</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 73 FR 12024, 3/6/2008; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.215. <sup>CH</sup>
Whale, sei .....	<i>Balaenoptera borealis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Whale, Southern right .....	<i>Eubalaena australis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 73 FR 12024, 3/6/2008; <sup>N</sup> 76 FR 20558, 4/13/2011.
Whale, sperm .....	<i>Physeter catodon</i> (= <i>macrocephalus</i> ).	Wherever found ...	E	35 FR 8491, 6/2/1970.
Wolf, maned .....	<i>Chrysocyon brachyurus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Wolf, Mexican .....	<i>Canis lupus baileyi</i> .....	Wherever found, except where included in an experimental population as set forth in § 17.84(k).	E	40 FR 17590, 4/21/1975; 80 FR 2488, 1/16/2015.
Wolf, Mexican .....	<i>Canis lupus baileyi</i> .....	U.S.A. (portions of AZ and NM)—see § 17.84(k).	XN	63 FR 1752, 1/12/1998; 80 FR 2512, 1/16/2015; 50 CFR 17.84(k). <sup>10</sup>
Wolf, red .....	<i>Canis rufus</i> .....	Wherever found, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 51 FR 41790, 11/19/1986; 56 FR 56325, 11/4/1991; 60 FR 18941, 4/13/1995.

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Wolf, red	<i>Canis rufus</i>	U.S.A. (portions of NC and TN— see §17.84(c)(9)).	XN	51 FR 41790, 11/19/1986; 56 FR 56325, 11/4/1991; 60 FR 18941, 4/13/1995; 50 CFR 17.84(c). <sup>10j</sup>
Wombat, Queensland hairy-nosed (incl. Barnard's).	<i>Lasiorhinus krefftii</i> (formerly <i>L. barnardi</i> and <i>L. gillespiei</i> ).	Wherever found	E	35 FR 18319, 12/2/1970; 38 FR 14678, 6/4/1973.
Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	Wherever found	E	48 FR 43040, 9/21/1983; 49 FR 34504, 8/31/1984.
Woodrat, riparian (San Joaquin Valley).	<i>Neotoma fuscipes riparia</i>	Wherever found	E	65 FR 8881, 2/23/2000.
Yak, wild	<i>Bos mutus</i> (=grunniens m.)	Wherever found	E	35 FR 8491, 6/2/1970.
Zebra, Grevy's	<i>Equus grevyi</i>	Wherever found	T	44 FR 49218, 8/21/1979.
Zebra, Hartmann's mountain	<i>Equus zebra hartmannae</i>	Wherever found	T	44 FR 49218, 8/21/1979; 46 FR 11665, 2/10/1981.
Zebra, mountain	<i>Equus zebra zebra</i>	Wherever found	E	41 FR 24062, 6/14/1976; 46 FR 11665, 2/10/1981.

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Adjutant, greater	<i>Leptoptilos dubius</i>	Wherever found	E	76 FR 50052, 8/11/2011.
Akekee (honeycreeper)	<i>Loxops caeruleirostris</i>	Wherever found	E	75 FR 18960, 4/13/2010; 50 CFR 17.95(b). <sup>CH</sup>
Akepa, Hawaii	<i>Loxops coccineus</i>	Wherever found	E	35 FR 16047, 10/13/1970.
Akepa, Maui	<i>Loxops ochraceus</i>	Wherever found	E	35 FR 16047, 10/13/1970.
Akialoa, Kauai	<i>Hemignathus stejnegeri</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Akiapolaau	<i>Hemignathus wilsoni</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Akikiki (honeycreeper)	<i>Oreomystis bairdi</i>	Wherever found	E	75 FR 18960, 4/13/2010; 50 CFR 17.95(b). <sup>CH</sup>
Akohekohe (crested honeycreeper).	<i>Palmeria dolei</i>	Wherever found	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Alauahio, Oahu	<i>Paroreomyza maculata</i>	Wherever found	E	35 FR 16047, 10/13/1970.
Albatross, Amsterdam	<i>Diomedea amsterdamensis</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Albatross, short-tailed	<i>Phoebastria (=Diomedea) albatrus</i> .	Wherever found	E	35 FR 8491, 6/2/1970; 65 FR 46643, 7/31/2000.
Alethe, Thyolo	<i>Alethe choloensis</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Antpitta, brown-banded	<i>Grallaria milleri</i>	Wherever found	E	78 FR 64637, 10/29/2013.
Antwren, black-hooded	<i>Formicivora erythronotos</i>	Wherever found	E	75 FR 81794, 12/28/2010.
Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	Wherever found	E	41 FR 51019, 11/19/1976; 50 CFR 17.95(b). <sup>CH</sup>
Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	Wherever found	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970.
Booby, Abbott's	<i>Papasula (=Sula) abbotti</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Bristlebird, western	<i>Dasyornis longirostris (=brachypterus l.)</i> .	Wherever found	E	35 FR 8491, 6/2/1970.
Bristlebird, western rufous	<i>Dasyornis broadbenti littoralis</i> .	Wherever found	E	41 FR 24062, 6/14/1976.
Bulbul, Mauritius olivaceous	<i>Hypsipetes borbonicus olivaceus</i> .	Wherever found	E	35 FR 8491, 6/2/1970.
Bullfinch, Sao Miguel (finch)	<i>Pyrrhula pyrrhula murina</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Bush-shrike, Ulugura	<i>Malacotus alius</i>	Wherever found	T	60 FR 2899, 1/12/1995.
Bushwren, New Zealand	<i>Xenicus longipes</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Bustard, great Indian	<i>Ardeotis (=Choriotis) nigripes</i> .	Wherever found	E	35 FR 8491, 6/2/1970.
Cahow	<i>Pterodroma cahow</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Capercaillie, Cantabrian	<i>Tetrao urogallus cantabricus</i>	Wherever found	E	76 FR 50052, 8/11/2011.
Caracara, crested, (Audubon's) [FL DPS].	<i>Caracara plancus audubonii</i>	U.S.A. (FL)	T	52 FR 25229, 7/6/1987.
Cinclodes, royal	<i>Cinclodes aricomae</i>	Wherever found	E	77 FR 43434, 7/24/2012.
Cockatoo, Philippine	<i>Cacatua haematurropygia</i>	Wherever found	E	79 FR 35870, 6/24/2014.
Cockatoo, salmon-crested	<i>Cacatua moluccensis</i>	Wherever found	T	76 FR 30758, 5/26/2011; 50 CFR 17.41(c). <sup>4d</sup>
Cockatoo, white	<i>Cacatua alba</i>	Wherever found	T	79 FR 35870, 6/24/2014; 50 CFR 17.41(c). <sup>4d</sup>
Cockatoo, yellow-crested	<i>Cacatua sulphurea</i>	Wherever found	E	79 FR 35870, 6/24/2014.
Condor, Andean	<i>Vultur gryphus</i>	Wherever found	E	35 FR 18319, 12/2/1970.
Condor, California	<i>Gymnogyps californianus</i>	U.S.A. only, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 61 FR 54045, 10/16/1996; 50 CFR 17.95(b). <sup>CH</sup> .

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Condor, California .....	<i>Gymnogyps californianus</i> ....	U.S.A. (specific portions of Arizona, Nevada, and Utah)—see § 17.84(j).	XN	61 FR 54045, 10/16/1996; 50 CFR 17.84(j) <sup>10i</sup> .
Condor, California .....	<i>Gymnogyps californianus</i> ....	U.S.A. (Oregon, and specific portions of northern California and northwest Nevada)—see § 17.84(i).	XN	86 FR 15602, 3/24/2021; 50 CFR 17.84(i) <sup>10i</sup> .
Conure, golden, (=golden parakeet).	<i>Guaruba guarouba</i> .....	Wherever found ...	T	41 FR 24062, 6/14/1976; 85 FR 22653, 4/23/2020; 50 CFR 17.41(c). <sup>4d</sup>
Coot, Hawaiian (alae keokeo) .....	<i>Fulica alai</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Cotinga, banded .....	<i>Cotinga maculata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cotinga, white-winged .....	<i>Xipholena atropurpurea</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Courser, Jerdon's .....	<i>Rhinoptilus bitorquatus</i> .....	Wherever found ...	E	76 FR 50052, 8/11/2011.
Crane, black-necked .....	<i>Grus nigricollis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crane, Cuba sandhill .....	<i>Grus canadensis nesiotis</i> ..	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crane, hooded .....	<i>Grus monacha</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Crane, Japanese .....	<i>Grus japonensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Crane, Mississippi sandhill .....	<i>Antigone canadensis pulla</i> ..	Wherever found ...	E	38 FR 14678, 6/4/1973; 50 CFR 17.95(b). <sup>CH</sup>
Crane, Siberian white .....	<i>Grus leucogeranus</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Crane, white-naped .....	<i>Grus vipio</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crane, whooping .....	<i>Grus americana</i> .....	Wherever found, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 35 FR 8491, 3/9/1978; 50 CFR 17.95(b). <sup>CH</sup>
Crane, whooping .....	<i>Grus americana</i> .....	U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY).	XN	58 FR 5561, 1/22/1993; 62 FR 38932, 7/21/1997; 66 FR 33903, 6/26/2001; 76 FR 6066, 2/3/2011; 50 CFR 17.84(h). <sup>10i</sup>
Creepers, Hawaii (alawi) .....	<i>Loxops mana</i> .....	Wherever found ...	E	40 FR 44149, 9/25/1975.
Creepers, Molokai .....	<i>Paroreomyza flammea</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Crow, Hawaiian (alala) .....	<i>Corvus hawaiiensis</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Crow, Mariana (aga) .....	<i>Corvus kubaryi</i> .....	Wherever found ...	E	49 FR 33881, 8/27/1984; 50 CFR 17.95(b). <sup>CH</sup>
Crow, white-necked .....	<i>Corvus leucognaphalus</i> .....	Wherever found ...	E	56 FR 13598, 4/3/1991.
Cuckoo, yellow-billed [Western DPS].	<i>Coccyzus americanus</i> .....	U.S.A., Canada, Mexico, Central and South America. 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).	T	79 FR 59991, 10/3/2014; 50 CFR 17.95(b). <sup>CH</sup>
Cuckoo-shrike, Mauritius .....	<i>Coquus typicus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Cuckoo-shrike, Reunion .....	<i>Coquus newtoni</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Curassow, blue-billed .....	<i>Crax alberti</i> .....	Wherever found ...	E	78 FR 64637, 10/29/2013.

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Curassow, razor-billed	<i>Mitu mitu mitu</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Curassow, red-billed	<i>Crax blumenbachii</i>	Wherever found	E	35 FR 18319, 12/2/1970.
Curassow, Trinidad white-headed	<i>Pipile pipile pipile</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Curllew, Eskimo	<i>Numenius borealis</i>	Wherever found	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970.
Curllew, slender-billed	<i>Numenius tenuirostris</i>	Wherever found	E	76 FR 50052, 8/11/2011.
Dove, cloven-feathered	<i>Drepanoptila holosericea</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Dove, Grenada gray-fronted	<i>Leptotila rufaxilla wellsi</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Duck, Hawaiian (koloa maoli)	<i>Anas wyvilliana</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Duck, Laysan	<i>Anas laysanensis</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Duck, pink-headed	<i>Rhodonessa caryophyllacea</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Duck, white-winged wood	<i>Cairina scutulata</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i> .	Wherever found	E	41 FR 24062, 6/14/1976.
Eagle, harpy	<i>Harpia harpyja</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Eagle, Madagascar sea	<i>Haliaeetus vociferoides</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Eagle, Madagascar serpent	<i>Eutriorchis astur</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Eagle, Philippine	<i>Pithecophaga jefferyi</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Eagle, Spanish imperial	<i>Aquila heliaca adalberti</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Egret, Chinese	<i>Egretta eulophotes</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Eider, spectacled	<i>Somateria fischeri</i>	Wherever found	T	58 FR 27474, 5/10/1993; 50 CFR 17.95(b). <sup>CH</sup>
Eider, Steller's [AK Breeding DPS]	<i>Polysticta stelleri</i>	U.S.A. (AK breeding population only).	T	62 FR 31748, 6/11/1997; 50 CFR 17.95(b). <sup>CH</sup>
Elepaio, Oahu	<i>Chasiempis ibidis</i>	Wherever found	E	65 FR 20760, 4/18/2000; 50 CFR 17.95(b). <sup>CH</sup>
Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i> .	Wherever found, except where listed as an experimental population.	E	51 FR 6686, 2/25/1986.
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i> .	U.S.A. (AZ, NM)	XN	71 FR 42298, 7/26/2006; 50 CFR 17.84(p). <sup>10i</sup>
Finch, Laysan	<i>Telespiza cantans</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Finch, Nihoa	<i>Telespiza ultima</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Fire-eye, fringed-backed	<i>Pyrgilena atra</i>	Wherever found	E	75 FR 81794, 12/28/2010.
Flamingo, Andean	<i>Phoenicoparrus andinus</i>	Wherever found	E	75 FR 50814, 8/17/2010.
Flycatcher, Euler's	<i>Empidonax euleri johnstonei</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	Wherever found	E	60 FR 10695, 2/27/1995; 50 CFR 17.95(b). <sup>CH</sup>
Flycatcher, Tahiti	<i>Pomarea nigra</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Fody, Mauritius	<i>Foudia rubra</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Fody, Rodrigues	<i>Foudia flavicans</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Fody, Seychelles (weaver-finch)	<i>Foudia sechellarum</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Francoilin, Djibouti	<i>Francolinus ochropectus</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Frigatebird, Andrew's	<i>Fregata andrewsi</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Gallinule, Hawaiian common (Alae ula).	<i>Gallinula chloropus (=galeata) sandvicensis</i> .	Wherever found	E	32 FR 4001, 3/11/1967.
Gnatcatcher, coastal California	<i>Poliophtila californica californica</i> .	Wherever found	T	58 FR 16742, 3/30/1993; 50 CFR 17.41(b); <sup>4d</sup> 50 CFR 17.95(b). <sup>CH</sup>
Goose, Hawaiian (Nene)	<i>Branta sandvicensis</i>	Wherever found	T	32 FR 4001, 3/11/1967; 84 FR 69918, 12/19/2019; 50 CFR 17.41(d). <sup>4d</sup>
Goshawk, Christmas Island	<i>Accipiter fasciatus natalis</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Goshawk, Queen Charlotte [British Columbia DPS].	<i>Accipiter gentilis laingi</i>	British Columbia, Canada.	T	77 FR 45870, 8/1/2012.
Grackle, slender-billed	<i>Quiscalus palustris</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Grasswren, Eyrean (flycatcher)	<i>Amytornis godyeri</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Grebe, Alaotra	<i>Tachybaptus rufolavatus</i>	Wherever found	E	60 FR 2899, 1/12/1995.
Grebe, Atitlan	<i>Podilymbus gigas</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Grebe, Junin	<i>Podiceps taczanowskii</i>	Wherever found	E	77 FR 43434, 7/24/2012.
Greenshank, Nordmann's	<i>Tringa guttifer</i>	Wherever found	E	41 FR 24062, 6/14/1976.
Ground-cuckoo, southeastern rufous-vented.	<i>Neomorphus geoffroyi dulcis</i> .	Wherever found	E	75 FR 81794, 12/28/2010.
Ground-dove, friendly (= tuameo) (American Samoa DPS).	<i>Gallinolumba stairi</i>	U.S.A. (AS)	E	81 FR 65466, 9/22/2016.
Guan, cauca	<i>Penelope perspicax</i>	Wherever found	E	78 FR 64637, 10/29/2013.
Guan, horned	<i>Oreophaps derbianus</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Guan, white-winged	<i>Penelope albigennis</i>	Wherever found	E	55 FR 39858, 9/28/1990.

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Guineafowl, white-breasted .....	<i>Agelastes meleagrides</i> .....	Wherever found ...	T	60 FR 2899, 1/12/1995.
Gull, Audouin's .....	<i>Larus audouinii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gull, relic .....	<i>Larus relictus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hawk, Galapagos .....	<i>Buteo galapagoensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Hawk, Puerto Rican broad-winged	<i>Buteo platypterus brunnescens</i> .	Wherever found ...	E	59 FR 46710, 9/9/1994.
Hawk, Puerto Rican sharp-shinned.	<i>Accipiter striatus venator</i> ...	Wherever found ...	E	59 FR 46710, 9/9/1994.
Hermit, hook-billed (hummingbird)	<i>Ramphodon (=Glaucis) dohrnii</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hermit, Margareta's .....	<i>Phaethornis malaris margaretae</i> .	Wherever found ...	E	75 FR 81794, 12/28/2010.
Honeyeater, helmeted .....	<i>Lichenostomus melanops cassidix (=Meliphaga c.)</i> .	Wherever found ...	E	35 FR 18319, 12/2/1970.
Hornbill, helmeted .....	<i>Buceros (=Rhinoplax) vigil</i> ..	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hummingbird, Honduran emerald	<i>Amazilia luciae</i> .....	Wherever found ...	E	80 FR 45086, 7/29/2015.
Ibis, giant .....	<i>Pseudibis gigantea</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Ibis, Japanese crested .....	<i>Nipponia nippon</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Ibis, northern bald .....	<i>Geronticus eremita</i> .....	Wherever found ...	E	55 FR 39858, 9/28/1990.
Iiwi (honeycreeper) .....	<i>Drepanis coccinea</i> .....	Wherever found ...	T	82 FR 43873, 9/20/2017.
Kagu .....	<i>Rhynchotus jubatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kakapo .....	<i>Strigops habroptilus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kestrel, Mauritius .....	<i>Falco punctatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kestrel, Seychelles .....	<i>Falco araea</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kingfisher, Guam (=sihek) .....	<i>Todiramphus cinnamominus</i>	Wherever found, except where listed as an experimental population.	E	49 FR 33881, 8/27/1984; 50 CFR 17.95(b) <sup>CH</sup> .
Kingfisher, Guam (=sihek) .....	<i>Todiramphus cinnamominus</i>	U.S.A. (Palmyra Atoll).	XN	88 FR 19880, 4/4/2023; 50 CFR 17.84(a) <sup>19</sup> .
Kite, Cuba hook-billed .....	<i>Chondrohierax uncinatus wilsonii</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kite, Grenada hook-billed .....	<i>Chondrohierax uncinatus mirus</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Kite, snail (Everglade) .....	<i>Rostrhamus sociabilis plumbeus</i> .	U.S.A. (FL) .....	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(b) <sup>CH</sup> .
Knot, rufa red .....	<i>Calidris canutus rufa</i> .....	Wherever found ...	T	79 FR 73705, 12/11/2014.
Kokako (wattlebird) .....	<i>Callaeas cinerea</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Lark, Raso .....	<i>Alauda razae</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Lark, streaked horned .....	<i>Eremophila alpestris strigata</i>	Wherever found ...	T	78 FR 61451, 10/3/2013; 50 CFR 17.41(a); <sup>4d</sup> 50 CFR 17.95(b) <sup>CH</sup> .
Macaw, blue-throated .....	<i>Ara glaucogularis</i> .....	Wherever found ...	E	78 FR 61208, 10/3/2013.
Macaw, glaucous .....	<i>Anodorhynchus glaucus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Macaw, great green .....	<i>Ara ambiguus</i> .....	Wherever found ...	E	80 FR 59975, 10/2/2015.
Macaw, hyacinth .....	<i>Anodorhynchus hyacinthinus</i> .	Wherever found ...	T	83 FR 39894, 8/13/2018; 50 CFR 17.41(c) <sup>4d</sup> .
Macaw, indigo .....	<i>Anodorhynchus leari</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Macaw, little blue .....	<i>Cyanopsitta spixii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Macaw, military .....	<i>Ara militaris</i> .....	Wherever found ...	E	80 FR 59975, 10/2/2015.
Macaw, scarlet .....	<i>Ara macao cyanoptera</i> .....	Wherever found ...	E	84 FR 6278, 2/26/2019.
Macaw, scarlet [Northern DPS] ...	<i>Ara macao macao</i> .....	Colombia (northwest of the Andes), Costa Rica (Pacific slope), Panama (mainland).	T	84 FR 6278, 2/26/2019; 50 CFR 17.41(c). <sup>4d</sup>
Macaw, scarlet [Southern DPS] ...	<i>Ara macao macao</i> .....	Bolivia, Brazil, Colombia (southeast of the Andes), Ecuador, French Guiana, Guyana, Peru, Suriname, Venezuela.	T(S/A)	84 FR 6278, 2/26/2019; 50 CFR 17.41(c). <sup>4d</sup>
Macaw, scarlet [Subspecies crosses].	<i>Ara macao macao</i> X <i>Ara macao cyanoptera</i> .	Costa Rica, Nicaragua (Atlantic slope border region).	T(S/A)	84 FR 6278, 2/26/2019; 50 CFR 17.41(c). <sup>4d</sup>
Magpie-robin, Seychelles (thrush)	<i>Copsychus sechellarum</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Malimbe, Ibadan .....	<i>Malimbus ibadanensis</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.

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Malkoha, red-faced (cuckoo) .....	<i>Phaenicophaeus pyrrocephalus</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Mao (= maomao) (honeyeater) ....	<i>Gymnomyza samoensis</i> .....	Wherever found ...	E	81 FR 65466, 9/22/2016.
Megapode, Maleo .....	<i>Macrocephalon maleo</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Megapode, Micronesian (sasangat).	<i>Megapodius laperouse</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Merganser, Brazilian .....	<i>Mergus octosetaceus</i> .....	Wherever found ...	E	75 FR 81794, 12/28/2010.
Millerbird, Nihoa (old world warbler).	<i>Acrocephalus familiaris kingi</i>	Wherever found ...	E	32 FR 4001, 3/11/1967.
Mockingbird, Socorro .....	<i>Mimus Graysoni</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Moorhen, Mariana common (pulattat).	<i>Gallinula chloropus guami</i> ..	Wherever found ...	E	49 FR 33881, 8/27/1984.
Murrelet, marbled [CA, OR, WA DPS].	<i>Brachyramphus marmoratus</i>	U.S.A. (CA, OR, WA).	T	57 FR 45337, 10/1/1992; 50 CFR 17.95(b). <sup>CH</sup>
Nightjar, Puerto Rican .....	<i>Antrostomus noctitherus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Nukupuu, Kauai .....	<i>Hemignathus hanapepe</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967; 35 FR 16047, 10/13/1970.
Nukupuu, Maui .....	<i>Hemignathus affinis</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Nuthatch, Algerian .....	<i>Sitta ledanti</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
'O'o, Kauai (honeyeater) .....	<i>Moho braccatus</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Olomao, Molokai .....	<i>Myadestes lanaiensis rutha</i>	Wherever found ...	E	35 FR 16047, 10/13/1970.
Ostrich, Arabian .....	<i>Struthio camelus syriacus</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Ostrich, West African .....	<i>Struthio camelus spatzi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
'O'u (honeycreeper) .....	<i>Psittirostra psittacea</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Owl, Anjouan scops .....	<i>Otus rutilus capnodes</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Owl, giant scops .....	<i>Mimizuku (=Otus) gurneyi</i> ...	Wherever found ...	E	41 FR 24062, 6/14/1976.
Owl, Madagascar red .....	<i>Tyto soumagnei</i> .....	Wherever found ...	E	55 FR 39858, 9/28/1990.
Owl, Mexican spotted .....	<i>Strix occidentalis lucida</i> .....	Wherever found ...	T	58 FR 14248, 3/16/1993; 50 CFR 17.95(b). <sup>CH</sup>
Owl, northern spotted .....	<i>Strix occidentalis caurina</i> ...	Wherever found ...	T	55 FR 26114, 6/26/1990; 50 CFR 17.95(b). <sup>CH</sup>
Owl, Seychelles scops .....	<i>Otus magicus (=insularis) insularis</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Owlet, Morden's .....	<i>Otus ireneae</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Oystercatcher, Canarian black ....	<i>Haematopus meadewaldoi</i>	Wherever found ...	E	60 FR 2899, 1/12/1995.
Palila (honeycreeper) .....	<i>Loxioides bailleui</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Paradise-flycatcher, caerulean ....	<i>Eutrichomyia rowleyi</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Parakeet, blue-throated (=ochre-marked).	<i>Pyrrhura cruentata</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parakeet, Forbes' .....	<i>Cyanoramphus auriceps forbesi</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parakeet, golden-shouldered .....	<i>Psephotus chrysopterygius</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parakeet, Mauritius .....	<i>Psittacula echo</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parakeet, Norfolk Island .....	<i>Cyanoramphus cookii (=novaezelandiae c.)</i> .	Wherever found ...	E	55 FR 39858, 9/28/1990.
Parakeet, orange-bellied .....	<i>Neophema chrysogaster</i> ....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Parakeet, paradise .....	<i>Psephotus pulcherrimus</i> ....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Parrot, Bahaman or Cuban .....	<i>Amazona leucocephala</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 41 FR 24062, 6/14/1976.
Parrot, ground .....	<i>Pezoporus wallicus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Parrot, imperial .....	<i>Amazona imperialis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parrot, night (=Australian) .....	<i>Geopsittacus occidentalis</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parrot, Puerto Rican .....	<i>Amazona vittata</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Parrot, red-browed .....	<i>Amazona rhodocorytha</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parrot, red-capped .....	<i>Pionopsitta pileata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Parrot, red-necked .....	<i>Amazona arausiaca</i> .....	Wherever found ...	E	44 FR 37124, 6/25/1979.
Parrot, red-spectacled .....	<i>Amazona pretrei pretrei</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Parrot, red-tailed .....	<i>Amazona brasiliensis</i> .....	Wherever found ...	E	55 FR 39858, 9/28/1990.
Parrot, Seychelles lesser vasa ....	<i>Coracopsis nigra barklyi</i> ....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Parrot, St. Vincent .....	<i>Amazona guildingii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parrot, St. Lucia .....	<i>Amazona versicolor</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Parrot, thick-billed .....	<i>Rhynchopsitta pacyrhyncha</i> .	Mexico .....	E	35 FR 8491, 6/2/1970.
Parrot, vinaceous-breasted .....	<i>Amazona vinacea</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Parrot, yellow-billed .....	<i>Amazona collaria</i> .....	Wherever found ...	T	78 FR 15624, 3/12/2013; 50 CFR 17.41(c). <sup>4d</sup>
Parrotbill, Maui (Kiwi) .....	<i>Pseudonestor xanthophrys</i>	Wherever found ...	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Penguin, African .....	<i>Spheniscus demersus</i> .....	Wherever found ...	E	75 FR 59645, 9/28/2010.
Penguin, emperor .....	<i>Aptenodytes forsteri</i> .....	Wherever found ...	T	87 FR 64700, 10/26/2022; 50 CFR 17.41(m). <sup>4d</sup>
Penguin, erect-crested .....	<i>Eudyptes sclateri</i> .....	Wherever found ...	T	75 FR 45497, 8/3/2010.

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Penguin, Fiordland crested .....	<i>Eudyptes pachyrhynchus</i> ....	Wherever found ...	T	75 FR 45497, 8/3/2010.
Penguin, Galapagos .....	<i>Spheniscus mendiculus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Penguin, Humboldt .....	<i>Spheniscus humboldti</i> .....	Wherever found ...	T	75 FR 45497, 8/3/2010.
Penguin, southern rockhopper [New Zealand-Australia DPS].	<i>Eudyptes chrysocome</i> .....	New Zealand-Australia DPS, associated with the Campbell Plateau and Macquarie Island.	T	76 FR 9681, 2/22/2011.
Penguin, white-flipped .....	<i>Eudyptula minor albosignata</i> .....	Wherever found ...	T	75 FR 45497, 8/3/2010.
Penguin, yellow-eyed .....	<i>Megadyptes antipodes</i> .....	Wherever found ...	T	75 FR 45497, 8/3/2010.
Petrel, Chatham .....	<i>Pterodroma axillaris</i> .....	Wherever found ...	E	74 FR 46914, 9/14/2009.
Petrel, Fiji .....	<i>Pseudobulweria macgillivrayi</i> .....	Wherever found ...	E	74 FR 46914, 9/14/2009.
Petrel, Galapagos .....	<i>Pterodroma phaeopygia</i> .....	Wherever found ...	T	75 FR 235, 1/5/2010.
Petrel, Hawaiian (uau) .....	<i>Pterodroma sandwichensis</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Petrel, Madeira .....	<i>Pterodroma madeira</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Petrel, magenta .....	<i>Pterodroma magentae</i> .....	Wherever found ...	E	74 FR 46914, 9/14/2009.
Petrel, Mascarene black .....	<i>Pterodroma aterrima</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Pheasant, bar-tailed .....	<i>Symaticus humaie</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Blyth's tragopan .....	<i>Tragopan blythii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, brown eared .....	<i>Crossoptilon mantchuricum</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Cabot's tragopan .....	<i>Tragopan caboti</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, cheer .....	<i>Catreus wallichii</i> .....	Wherever found ...	E	55 FR 39858, 9/28/1990.
Pheasant, Chinese monal .....	<i>Lophophorus lhuyssii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Edward's .....	<i>Lophura edwardsi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Elliot's .....	<i>Symaticus ellioti</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pheasant, imperial .....	<i>Lophura imperialis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Mikado .....	<i>Symaticus mikado</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Palawan peacock .....	<i>Polyplectron emphanum</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Sclater's monal .....	<i>Lophophorus sclateri</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, Swinhoe's .....	<i>Lophura swinhoii</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, western tragopan .....	<i>Tragopan melanocephalus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pheasant, white eared .....	<i>Crossoptilon crossoptilon</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970.
Pigeon, Azores wood .....	<i>Columba palumbus azorica</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pigeon, Chatham Island .....	<i>Hemiphaga novaeseelandiae chathamensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pigeon, Marquesan imperial .....	<i>Ducula galeata</i> .....	Wherever found ...	E	76 FR 50052, 8/11/2011.
Pigeon, Mindoro imperial (=zone-tailed).	<i>Ducula mindorensis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pigeon, pink .....	<i>Columba mayeri</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Pigeon, Puerto Rican plain .....	<i>Patagioenas inornata wetmorei</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Pigeon, white-tailed laurel .....	<i>Columba junoniae</i> .....	Wherever found ...	T	60 FR 2899, 1/12/1995.
Piping-guan, black-fronted .....	<i>Pipile jacutinga</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pitta, Gurney's .....	<i>Pitta gurneyi</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Pitta, Koch's .....	<i>Pitta kochi</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Plantcutter, Peruvian .....	<i>Phytotoma raimondii</i> .....	Wherever found ...	E	77 FR 43434, 7/24/2012.
Plover, New Zealand shore .....	<i>Thinornis novaeseelandiae</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Plover, piping [Great Lakes watershed DPS].	<i>Charadrius melodus</i> .....	Great Lakes, watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Canada (Ont.).	E	50 FR 50726, 12/11/1985; 50 CFR 17.95(b). <sup>CH</sup>
Plover, piping [Atlantic Coast and Northern Great Plains populations].	<i>Charadrius melodus</i> .....	Wherever found, except those areas where listed as endangered.	T	50 FR 50726, 12/11/1985; 50 CFR 17.95(b). <sup>CH</sup>
Plover, western snowy [Pacific Coast population DPS].	<i>Charadrius alexandrinus nivosus</i> .....	Pacific Coast population DPS—U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast).	T	58 FR 12864, 3/5/1993; 50 CFR 17.95(b). <sup>CH</sup>
Pochard, Madagascar .....	<i>Aythya innotata</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Po'ouli (honeycreeper) .....	<i>Melamprosops phaeosoma</i> .....	Wherever found ...	E	40 FR 44149, 9/25/1975.
Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.

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Prairie-chicken, lesser [Northern DPS].	<i>Tympanuchus pallidicinctus</i>	U.S.A. (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; see map at § 17.41(k)).	T	87 FR 72674, 11/25/2022; 50 CFR 17.41(k). <sup>4d</sup>
Prairie-chicken, lesser [Southern DPS].	<i>Tympanuchus pallidicinctus</i>	U.S.A. (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; see map at § 17.41(k)).	E	87 FR 72674, 11/25/2022.
Puaiohi .....	<i>Myadestes palmeri</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Puffleg, black-breasted .....	<i>Eriocnemis nigrivestis</i> .....	Wherever found ...	E	75 FR 43844, 7/27/2010.
Pygmy-owl, cactus ferruginous .....	<i>Glaucidium brasilianum cactorum</i> .	Wherever found ...	T	88 FR 46910, 7/20/2023; 50 CFR 17.41(i). <sup>4d</sup>
Quail, Merriam's Montezuma .....	<i>Cyrtonyx montezumae merriami</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Quetzal, resplendent .....	<i>Pharomachrus mocinno</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Rail, Aukland Island .....	<i>Rallus pectoralis muelleri</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rail, California Ridgway's .....	<i>Rallus obsoletus obsoletus</i>	Wherever found ...	E	35 FR 16047, 10/13/1970.
Rail, eastern black .....	<i>Laterallus jamaicensis jamaicensis</i> .	Wherever found ...	T	85 FR 63734, 10/8/2020; 50 CFR 17.41(f). <sup>4d</sup>
Rail, Guam (koko) .....	<i>Gallirallus owstoni</i> .....	Wherever found, except where listed as an experimental population.	E	49 FR 33881, 8/27/1984.
Rail, Guam (koko) .....	<i>Gallirallus owstoni</i> .....	Rota .....	XN	54 FR 43966, 10/30/1989; 50 CFR 17.84(f). <sup>10</sup>
Rail, Junín .....	<i>Laterallus tuerosi</i> .....	Wherever found ...	E	77 FR 43434, 7/24/2012.
Rail, light-footed Ridgway's .....	<i>Rallus obsoletus levipes</i> ....	U.S.A. only .....	E	34 FR 5034, 3/8/1969; 35 FR 16047, 10/13/1970.
Rail, Lord Howe wood .....	<i>Gallirallus (=Tricholimnas) sylvestris</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Rail, Yuma Ridgway's .....	<i>Rallus obsoletus yumanensis</i> .	U.S.A. only .....	E	32 FR 4001, 3/11/1967.
Rhea, lesser (incl. Darwin's) .....	<i>Rhea (=Pterocnemia) pennata</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Robin, Chatham Island .....	<i>Petroica traversi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Robin, dappled mountain .....	<i>Arcanator orostruthus</i> .....	Wherever found ...	T	60 FR 2899, 1/12/1995.
Robin, scarlet-breasted (flycatcher).	<i>Petroica multicolor multicolor</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rockfowl, grey-necked .....	<i>Picathartes oreas</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Rockfowl, white-necked .....	<i>Picathartes gymnocephalus</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Roller, long-tailed ground .....	<i>Uratelornis chimaera</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Sage-grouse, Gunnison .....	<i>Centrocercus minimus</i> .....	Wherever found ...	T	79 FR 69191, 11/20/2014; 50 CFR 17.95(b). <sup>CH</sup>
Scrub-bird, noisy .....	<i>Atrichornis clamosus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Scrub-jay, Florida .....	<i>Aphelocoma coerulescens</i> ..	Wherever found ...	T	52 FR 20715, 6/3/1987.
Shama, Cebu black (thrush) .....	<i>Copsychus niger cebuensis</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Shearwater, Heinroth's .....	<i>Puffinus heinrothi</i> .....	Wherever found ...	T	75 FR 235, 1/5/2010.
Shearwater, Newell's (ao) .....	<i>Puffinus newelli</i> .....	Wherever found ...	T	40 FR 44149, 9/25/1975.
Shrike, San Clemente loggerhead .....	<i>Lanius ludovicianus mearnsi</i>	Wherever found ...	E	42 FR 40682, 8/11/1977.
Siskin, red .....	<i>Carduelis cucullata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Sparrow, Cape Sable seaside .....	<i>Ammodramus maritima mirabilis</i> .	Wherever found ...	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Sparrow, Florida grasshopper .....	<i>Ammodramus savannarum floridanus</i> .	Wherever found ...	E	51 FR 27492, 7/31/1986.
Sparrowhawk, Anjouan Island .....	<i>Accipiter francesii pusillus</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.

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Starling, Ponape mountain .....	<i>Aplonis pelzelni</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Starling, Rothschild's (myna) .....	<i>Leucopsar rothschildi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Stilt, black .....	<i>Himantopus novaezelandiae</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Stilt, Hawaiian .....	<i>Himantopus mexicanus</i> (= <i>himantopus</i> ) <i>knudseni</i> .	Wherever found ...	E	35 FR 16047, 10/13/1970.
Stork, oriental white .....	<i>Ciconia boyciana</i> (== <i>ciconia</i> b.).	Wherever found ...	E	35 FR 8491, 6/2/1970.
Stork, wood [Southeast U.S. DPS]	<i>Mycteria americana</i> .....	U.S.A. (AL, FL, GA, MS, NC, SC).	T	49 FR 7332, 2/28/1984; 79 FR 37077, 6/30/2014.
Storm-petrel, band-rumped (akeake) [Hawaii DPS].	<i>Hydrobates castro</i> .....	U.S.A. (HI) .....	E	81 FR 67786, 9/30/2016.
Sunbird, Marungu .....	<i>Nectarinia prigoginei</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Swiftlet, Mariana (yayaguak) .....	<i>Aerodramus bartschi</i> .....	Wherever found ...	E	49 FR 33881, 8/27/1984.
Tanager, cherry-throated .....	<i>Nemosia rourei</i> .....	Wherever found ...	E	75 FR 81794, 12/28/2010.
Teal, Campbell Island flightless ...	<i>Anas aucklandica nesiotis</i> ..	Wherever found ...	E	41 FR 24062, 6/14/1976.
Tern, California least .....	<i>Sterna antillarum browni</i> ..	Wherever found ...	E	35 FR 16047, 10/13/1970; 35 FR 8491, 6/2/1970.
Tern, roseate [Northeast U.S. nesting population DPS].	<i>Sterna dougallii dougallii</i> ....	U.S.A. (Atlantic Coast south to NC), Canada (Newf., N.S, Que.), Bermuda.	E	52 FR 42064, 11/2/1987.
Tern, roseate [Western Hemi- sphere DPS].	<i>Sterna dougallii dougallii</i> ....	Western Hemi- sphere and ad- jacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as en- dangered.	T	52 FR 42064, 11/2/1987.
Thicketbird, long-legged .....	<i>Trichocichla rufa</i> .....	Wherever found ...	E	73 FR 3146, 1/16/2008.
Thrasher, white-breasted .....	<i>Ramphocinclus brachyurus</i>	Wherever found ...	E	35 FR 8491, 6/2/1970.
Thrush, large Kauai .....	<i>Myadestes myadestinus</i> ....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Thrush, New Zealand (wattlebird)	<i>Turnagra capensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Thrush, St. Lucia forest .....	<i>Cichlherminia lherminieri</i> <i>sanctaeluciae</i> .	Wherever found ...	E	75 FR 50814, 8/17/2010.
Thrush, Taita .....	<i>Turdus olivaceus helleri</i> ....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Tinamou, solitary .....	<i>Tinamus solitarius</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Tit-spinetail, white-browed .....	<i>Leptasthenura xenothorax</i> ..	Wherever found ...	E	77 FR 43434, 7/24/2012.
Tit-tyrant, ash-breasted .....	<i>Anairetes alpinus</i> .....	Wherever found ...	E	77 FR 43434, 7/24/2012.
Tody-tyrant, Kaempfer's .....	<i>Hemitriccus kaempferi</i> .....	Wherever found ...	E	75 FR 81794, 12/28/2010.
Towhee, Inyo California .....	<i>Melospiza crissalis</i> <i>eremophilus</i> .	Wherever found ...	T	52 FR 28780, 8/3/1987; 50 CFR 17.95(b). <sup>CH</sup>
Tree-finch, medium .....	<i>Camarhynchus pauper</i> .....	Wherever found ...	E	75 FR 43853, 7/27/2010.
Trembler, Martinique (thrasher) ...	<i>Cinlocerthia ruficauda</i> <i>gutturalis</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Turaco, Bannerman's .....	<i>Tauraco bannermani</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Turtle-dove, Seychelles .....	<i>Streptopelia picturata</i> <i>rostrata</i> .	Wherever found ...	E	60 FR 2899, 1/12/1995.
Vanga, Pollen's .....	<i>Xenopirostris polleni</i> .....	Wherever found ...	T	60 FR 2899, 1/12/1995.
Vanga, Van Dam's .....	<i>Xenopirostris damii</i> .....	Wherever found ...	T	60 FR 2899, 1/12/1995.
Vireo, least Bell's .....	<i>Vireo bellii pusillus</i> .....	Wherever found ...	E	51 FR 16474, 5/2/1986; 50 CFR 17.95(b). <sup>CH</sup>
Wanderer, plain (collared- hemipode).	<i>Pedionomus torquatus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Warbler, Aldabra (old world war- bler).	<i>Nesillas aldabranus</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Warbler (wood), Bachman's .....	<i>Vermivora bachmanii</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970.
Warbler (wood), Barbados yellow	<i>Dendroica petechia</i> <i>petechia</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Warbler, elfin-woods .....	<i>Setophaga angelae</i> .....	Wherever found ...	T	81 FR 40534, 6/22/2016; 50 CFR 17.41(e); <sup>4d</sup> , 50 CFR 17.95(b). <sup>CH</sup>
Warbler (wood), golden-cheeked	<i>Setophaga chrysoparia</i> .....	Wherever found ...	E	55 FR 18844, 5/4/1990; 55 FR 53153, 12/27/1990.
Warbler, Eiao Marquesas reed- ...	<i>Acrocephalus percernis</i> <i>aquilonis</i> .	Wherever found ...	E	76 FR 50052, 8/11/2011.
Warbler, nightingale reed, (old world warbler).	<i>Acrocephalus luscina</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 35 FR 18319, 12/2/1970.
Warbler, Rodrigues (old world warbler).	<i>Bebromis rodericanus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Warbler (wood), Semper's .....	<i>Leucopezza semperi</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.

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Warbler, Seychelles (old world warbler).	<i>Bebromis sechellensis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Wattle-eye, banded .....	<i>Platysteira laticincta</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Weaver, Clarke's .....	<i>Ploceus golandi</i> .....	Wherever found ...	E	60 FR 2899, 1/12/1995.
Whipbird, western .....	<i>Psophodes nigrogularis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
White-eye, bridled .....	<i>Zosterops conspicillatus conspicillatus</i> .	Wherever found ...	E	49 FR 33881, 8/27/1984.
White-eye, Norfolk Island .....	<i>Zosterops albogularis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
White-eye, Ponape greater .....	<i>Rukia longirostra</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
White-eye, Rota (nosa Luta) .....	<i>Zosterops rotensis</i> .....	Wherever found ...	E	69 FR 3022, 1/22/2004; 50 CFR 17.95(b). <sup>CH</sup>
White-eye, Seychelles .....	<i>Zosterops modesta</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Woodpecker, imperial .....	<i>Campephilus imperialis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Woodpecker, ivory-billed .....	<i>Campephilus principalis</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967; 35 FR 8491, 6/2/1970.
Woodpecker, red-cockaded .....	<i>Picoides borealis</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Woodpecker, Tristram's .....	<i>Dryocopus javensis richardsi</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Wood-quail, gorgeted .....	<i>Odontophorus strophium</i> .....	Wherever found ...	E	78 FR 64637, 10/29/2013.
Woodstar, Chilean .....	<i>Eulidia yarrellii</i> .....	Wherever found ...	E	75 FR 50814, 8/17/2010.
Woodstar, Esmeraldas .....	<i>Chaetocercus berlepschi</i> .....	Wherever found ...	E	78 FR 64637, 10/29/2013.
Wren, Guadeloupe house .....	<i>Troglodytes aedon guadeloupensis</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.
Wren, St. Lucia house .....	<i>Troglodytes aedon mesoleucus</i> .	Wherever found ...	E	35 FR 8491, 6/2/1970.

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Alligator, American .....	<i>Alligator mississippiensis</i> .....	Wherever found ...	T(S/A)	32 FR 4001, 3/11/1967; 40 FR 44412, 9/26/1975; 42 FR 2071, 1/10/1977; 44 FR 37130, 6/25/1979; 44 FR 59080, 10/12/1979; 46 FR 40664, 8/10/1981; 48 FR 46332, 10/12/1983; 50 FR 25672, 6/20/1985; 52 FR 21059, 6/4/1987; 50 CFR 17.42(a). <sup>4d</sup>
Alligator, Chinese .....	<i>Alligator sinensis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Anole, Culebra Island giant .....	<i>Anolis roosevelti</i> .....	Wherever found ...	E	42 FR 37371, 7/21/1977; 50 CFR 17.95(c). <sup>CH</sup>
Boa, Jamaican .....	<i>Epicrates subflavus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Boa, Mona .....	<i>Epicrates monensis monensis</i> .	Wherever found ...	T	43 FR 4618, 2/3/1978; 50 CFR 17.95(c). <sup>CH</sup>
Boa, Puerto Rican .....	<i>Epicrates inornatus</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Boa, Round Island (unnamed) .....	<i>Bolyeria multocarinata</i> .....	Wherever found ...	E	45 FR 18009, 3/20/1980.
Boa, Round Island (unnamed) .....	<i>Casarea dussumieri</i> .....	Wherever found ...	E	45 FR 18009, 3/20/1980.
Boa, Virgin Islands tree .....	<i>Epicrates monensis granti</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970; 44 FR 70677, 12/7/1979.
Caiman, Apaporis River .....	<i>Caiman crocodilus apaporiensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Caiman, black .....	<i>Melanosuchus niger</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Caiman, broad-snouted [Bolivia, Brazil, Paraguay, Uruguay DPS].	<i>Caiman latirostris</i> .....	Bolivia, Brazil, Paraguay, Uruguay.	E	41 FR 24062, 6/14/1976.
Caiman, broad-snouted [Argentina DPS].	<i>Caiman latirostris</i> .....	Argentina .....	T	78 FR 38162, 6/25/2013; 50 CFR 17.42(c). <sup>4d</sup>
Caiman, brown .....	<i>Caiman crocodilus fuscus</i> (includes <i>Caiman crocodilus chiapasius</i> ).	Wherever found ...	T(S/A)	65 FR 25867, 5/4/2000; 50 CFR 17.42(c). <sup>4d</sup>
Caiman, common .....	<i>Caiman crocodilus crocodilus</i> .	Wherever found ...	T(S/A)	65 FR 25867, 5/4/2000; 50 CFR 17.42(c). <sup>4d</sup>
Caiman, yacare .....	<i>Caiman yacare</i> .....	Wherever found ...	T	35 FR 8491, 6/2/1970; 65 FR 25867, 5/4/2000; 50 CFR 17.42(c). <sup>4d</sup>
Chuckwalla, San Esteban Island ..	<i>Sauromalus varius</i> .....	Wherever found ...	E	45 FR 18009, 3/20/1980.
Crocodile, African dwarf .....	<i>Osteolaemus tetraspis tetraspis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crocodile, African slender-snouted	<i>Crocodylus cataphractus</i> .....	Wherever found ...	E	37 FR 6476, 3/30/1972.
Crocodile, American [Non-U.S. populations].	<i>Crocodylus acutus</i> .....	Wherever found, except in U.S.A. (FL).	E	40 FR 44149, 9/25/1975; 44 FR 75074, 12/18/1979; 72 FR 13027, 3/20/2007.

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Crocodile, American [FL DPS] .....	<i>Crocodylus acutus</i> .....	U.S.A. (FL) .....	T	40 FR 44149, 9/25/1975; 72 FR 13027, 3/20/2007; 50 CFR 17.95(c). <sup>CH</sup> 41 FR 24062, 6/14/1976.
Crocodile, Ceylon mugger .....	<i>Crocodylus palustris kimbula</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crocodile, Congo dwarf .....	<i>Osteolaemus tetraspis osborni</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crocodile, Cuban .....	<i>Crocodylus rhombifer</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Crocodile, mugger .....	<i>Crocodylus palustris palustris</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crocodile, Nile .....	<i>Crocodylus niloticus</i> .....	Wherever found ...	T	35 FR 8491, 6/2/1970; 52 FR 23148, 6/17/1987; 53 FR 38451, 9/30/1988; 58 FR 49870, 9/23/1993; 61 FR 32356, 6/24/1996; 50 CFR 17.42(c). <sup>4d</sup> 35 FR 8491, 6/2/1970.
Crocodile, Orinoco .....	<i>Crocodylus intermedius</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Crocodile, Philippine .....	<i>Crocodylus novaeguineae mindorensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Crocodile, saltwater [All populations except Papua New Guinea and Australia].	<i>Crocodylus porosus</i> .....	Wherever found, except Papua New Guinea and Australia.	E	44 FR 75074, 12/18/1979; 61 FR 32356, 6/24/1996.
Crocodile, saltwater [Australia DPS].	<i>Crocodylus porosus</i> .....	Australia .....	T	44 FR 75074, 12/18/1979; 61 FR 32356, 6/24/1996; 50 CFR 17.42(c). <sup>4d</sup> 41 FR 24062, 6/14/1976.
Crocodile, Siamese .....	<i>Crocodylus siamensis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Gartersnake, narrow-headed .....	<i>Thamnophis rufipunctatus</i> ...	Wherever found ...	T	79 FR 38677, 7/8/2014.
Gartersnake, northern Mexican ...	<i>Thamnophis eques megalops</i> .	Wherever found ...	T	79 FR 38678, 7/8/2014; 50 CFR 17.42(g); <sup>4d</sup> 50 CFR 17.95(c). <sup>CH</sup>
Gavial .....	<i>Gavialis angeticus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gecko, day .....	<i>Phelsuma edwardnewtoni</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gecko, Round Island day .....	<i>Phelsuma guentheri</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Gecko, Serpent Island .....	<i>Cyrtodactylus serpensinsula</i>	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Acklins ground .....	<i>Cyclura rileyi nuchalis</i> .....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Allen's Cay .....	<i>Cyclura cychlura inornata</i> ...	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Andros Island ground .....	<i>Cyclura cychlura cychlura</i> ...	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Anegada ground .....	<i>Cyclura pinguis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Iguana, Barrington land .....	<i>Conolophus pallidus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Iguana, Cayman Brac ground .....	<i>Cyclura nubila caymanensis</i>	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Cuban ground .....	<i>Cyclura nubila nubila</i> .....	Wherever found (excluding population introduced in Puerto Rico).	T	48 FR 28460, 6/22/1983.
Iguana, Exuma Island .....	<i>Cyclura cychlura figginsi</i> ....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Fiji banded .....	<i>Brachylophus fasciatus</i> .....	Wherever found ...	E	45 FR 18009, 3/20/1980.
Iguana, Fiji crested .....	<i>Brachylophus vitiensis</i> .....	Wherever found ...	E	45 FR 18009, 3/20/1980.
Iguana, Grand Cayman blue .....	<i>Cyclura lewisi</i> .....	Wherever found ...	E	48 FR 28460, 6/22/1983.
Iguana, Jamaican .....	<i>Cyclura collei</i> .....	Wherever found ...	E	48 FR 28460, 6/22/1983.
Iguana, Mayaguana .....	<i>Cyclura carinata bartschi</i> ....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Mona ground .....	<i>Cyclura stejnegeri</i> .....	Wherever found ...	T	43 FR 4618, 2/3/1978; 50 CFR 17.95(c). <sup>CH</sup>
Iguana, Turks and Caicos .....	<i>Cyclura carinata carinata</i> ...	Wherever found ...	T	48 FR 28460, 6/22/1983.
Iguana, Watling Island ground .....	<i>Cyclura rileyi rileyi</i> .....	Wherever found ...	E	48 FR 28460, 6/22/1983.
Iguana, White Cay ground .....	<i>Cyclura rileyi cristata</i> .....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Lizard, blunt-nosed leopard .....	<i>Gambelia silus</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Lizard, Coachella Valley fringe-toed.	<i>Uma inornata</i> .....	Wherever found ...	T	45 FR 63812, 9/25/1980; 50 CFR 17.95(c). <sup>CH</sup>
Lizard, Hierro giant .....	<i>Gallotia simonyi simonyi</i> ....	Wherever found ...	E	49 FR 7394, 2/29/1984.
Lizard, Ibiza wall .....	<i>Podarcis pityusensis</i> .....	Wherever found ...	T	49 FR 7394, 2/29/1984.
Lizard, Maria Island ground .....	<i>Cnemidophorus vanzoi</i> .....	Wherever found ...	E	56 FR 49469, 9/30/1991.
Lizard, St. Croix ground .....	<i>Ameiva polops</i> .....	Wherever found ...	E	42 FR 28543, 6/3/1977; 50 CFR 17.95(c). <sup>CH</sup>
Monitor, desert .....	<i>Varanus griseus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Monitor, Indian (=Bengal) .....	<i>Varanus bengalensis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Monitor, Komodo Island .....	<i>Varanus komodoensis</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Monitor, yellow .....	<i>Varanus flavescens</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pinesnake, black .....	<i>Pituophis melanoleucus lodingi</i> .	Wherever found ...	T	80 FR 60468, 10/6/2015; 50 CFR 17.42(h) <sup>4d</sup> ; 50 CFR 17.95(c). <sup>CH</sup>
Pinesnake, Louisiana .....	<i>Pituophis ruthveni</i> .....	Wherever found ...	T	83 FR 14958, April 6, 2018; 50 CFR 17.42(i). <sup>4d</sup>

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Python, Indian .....	<i>Python molurus molurus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Rattlesnake, Aruba Island .....	<i>Crotalus unicolor</i> .....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Rattlesnake, eastern massasauga .....	<i>Sistrurus catenatus</i> .....	Wherever found ...	T	81 FR 67193, 9/30/2016.
Rattlesnake, New Mexican ridge-nosed.	<i>Crotalus willardi obscurus</i> ...	Wherever found ...	T	43 FR 34476, 8/4/1978; 50 CFR 17.95(c). <sup>CH</sup>
Sea snake, dusky .....	<i>Aipysurus fuscus</i> .....	Wherever found ...	E	80 FR 60560, 10/7/2015; <sup>N</sup> 81 FR 76311, 11/2/2016.
Sea turtle, green [Central North Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Central North Pacific Ocean, bounded by the following coordinates: 41° N., 169° E. in the northwest; 41° N., 143° W. in the northeast; 9° N., 125° W. in the southeast; and 9° N., 175° W. in the southwest Pacific coast of Mexico.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [Central South Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Central South Pacific Ocean, bounded by the following coordinates: 9° N., 175° W. in the northwest; 9° N., 125° W. in the northeast; 40° S., 96° W. in the southeast; 40° S., 176° E. in the southwest; and 13° S., 171° E. in the west.	E	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 224.104.
Sea turtle, green [Central West Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Central West Pacific Ocean, bounded by the following coordinates: 41° N., 146° E. in the northwest; 41° N., 169° E. in the northeast; 9° N., 175° W. in the east; 13° S., 171° E. in the southeast; along the northern coast of the island of New Guinea; and 4.5° N., 129° E. in the west.	E	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 224.104.

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Sea turtle, green [East Indian—West Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Eastern Indian and Western Pacific Oceans, bounded by the following lines and coordinates: 41° N. Lat. in the north, 41° N., 146° E. in the northeast; 4.5° N., 129° E. in the southeast; along the southern coast of the island of New Guinea; along the western coast of Australia (west of 142° E. Long.); 40° S. Lat. in the south; and 84° E. Long. in the east.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [East Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the East Pacific Ocean, bounded by the following lines and coordinates: 41° N., 143° W. in the northwest; 41° N. Lat. in the north; along the western coasts of the Americas; 40° S. Lat. in the south; and 40° S., 96° W. in the southwest.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [Mediterranean DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Mediterranean Sea, bounded by 5.5° W. Long. in the west.	E	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 224.104.

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Sea turtle, green [North Atlantic DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the North Atlantic Ocean, bounded by the following lines and coordinates: 48° N. Lat. in the north, along the western coasts of Europe and Africa (west of 5.5° W. Long.); north of 19° N. Lat. in the east; bounded by 19° N., 65.1° W. to 14° N., 65.1° W. then 14° N., 77° W. in the south and west; and along the eastern coasts of the Americas (north of 7.5° N., 77° W.).	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [North Indian DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the North Indian Ocean, bounded by: Africa and Asia in the west and north; 84° E. Long. in the east; and the equator in the south.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [South Atlantic DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the South Atlantic Ocean, bounded by the following lines and coordinates: along the northern and eastern coasts of South America (east of 7.5° N., 77° W.); 14° N., 77° W. to 14° N., 65.1° W. to 19° N., 65.1° W. in the north and west; 19° N. Lat. in the northeast; 40° S., 19° E. in the southeast; and 40° S. Lat. in the south.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.

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Sea turtle, green [Southwest Indian DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Southwest Indian Ocean, bounded by the following lines: the equator to the north; 84° E. Long. to the east; 40° S. Lat. to the south; and 19° E. Long (and along the eastern coast of Africa) in the west.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, green [Southwest Pacific DPS].	<i>Chelonia mydas</i> .....	Green sea turtles originating from the Southwest Pacific Ocean, bounded by the following lines and coordinates: along the southern coast of the island of New Guinea and the Torres Strait (east of 142° E Long.); 13° S., 171° E. in the northeast; 40° S., 176° E. in the south-east; and 40° S., 142° E. in the southwest.	T	81 FR 20057, 4/6/2016; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, hawksbill .....	<i>Eretmochelys imbricata</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; <sup>J</sup> 50 CFR 224.104; <sup>4d</sup> 50 CFR 17.95(c); <sup>CH</sup> 50 CFR 226.209. <sup>CH</sup>
Sea turtle, Kemp's ridley .....	<i>Lepidochelys kempii</i> .....	Wherever found ...	E	35 FR 18319, 12/2/1970; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>
Sea turtle, leatherback .....	<i>Dermochelys coriacea</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; <sup>J</sup> 50 CFR 224.104; <sup>4d</sup> 50 CFR 17.95(c); <sup>CH</sup> 50 CFR 226.207. <sup>CH</sup>
Sea turtle, loggerhead [Mediterranean Sea DPS].	<i>Caretta caretta</i> .....	Mediterranean Sea DPS—Loggerhead sea turtles originating from the Mediterranean Sea east of 5°36' W. Long.	E	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>
Sea turtle, loggerhead [North Indian Ocean DPS].	<i>Caretta caretta</i> .....	North Indian Ocean DPS—Loggerhead sea turtles originating from the North Indian Ocean north of the equator and south of 30° N. Lat.	E	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>

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Sea turtle, loggerhead [North Pacific Ocean DPS].	<i>Caretta caretta</i> .....	North Pacific Ocean DPS—Loggerhead sea turtles originating from the North Pacific north of the equator and south of 60° N. Lat.	E	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>
Sea turtle, loggerhead [Northeast Atlantic Ocean DPS].	<i>Caretta caretta</i> .....	Northeast Atlantic Ocean DPS—Loggerhead sea turtles originating from the Northeast Atlantic Ocean north of the equator, south of 60° N. Lat., and east of 40° W. Long., except in the vicinity of the Strait of Gibraltar where the eastern boundary is 5°36' W. Long.	E	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>
Sea turtle, loggerhead [Northwest Atlantic Ocean DPS].	<i>Caretta caretta</i> .....	Northwest Atlantic Ocean DPS—Loggerhead sea turtles originating from the Northwest Atlantic Ocean north of the equator, south of 60° N. Lat., and west of 40° W. Long..	T	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207; 50 CFR 17.95(c); <sup>CH</sup> 50 CFR 226.223. <sup>CH</sup>
Sea turtle, loggerhead [South Atlantic Ocean DPS].	<i>Caretta caretta</i> .....	South Atlantic Ocean DPS—Loggerhead sea turtles originating from the South Atlantic Ocean south of the equator, north of 60° S. Lat., west of 20° E. Long., and east of 67° W. Long.	T	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, loggerhead [South Pacific Ocean DPS].	<i>Caretta caretta</i> .....	South Pacific Ocean DPS—Loggerhead sea turtles originating from the South Pacific south of the equator, north of 60° S. Lat., west of 67° W. Long., and east of 141° E. Long.	E	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>

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Sea turtle, loggerhead [Southeast Indo-Pacific Ocean DPS].	<i>Caretta caretta</i> .....	Southeast Indo-Pacific Ocean DPS—Loggerhead sea turtles originating from the Southeast Indian Ocean south of the equator, north of 60° S. Lat., and east of 80° E. Long.; South Pacific Ocean south of the equator, north of 60° S. Lat., and west of 141° E. Long.	T	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, loggerhead [Southwest Indian Ocean DPS].	<i>Caretta caretta</i> .....	Southwest Indian Ocean DPS—Loggerhead sea turtles originating from the Southwest Indian Ocean north of the equator, south of 30° N. Lat., east of 20° E. Long., and west of 80° E. Long.	T	76 FR 58868, 9/22/2011; <sup>J</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Sea turtle, olive ridley [Pacific coast of Mexico breeding DPS].	<i>Lepidochelys olivacea</i> .....	Breeding colony populations on Pacific coast of Mexico.	E	43 FR 32800, 7/28/1978; <sup>J</sup> 50 CFR 224.104. <sup>4d</sup>
Sea turtle, olive ridley .....	<i>Lepidochelys olivacea</i> .....	Wherever found except when listed as endangered under 50 CFR 224.101.	T	43 FR 32800, 7/28/1978; <sup>J</sup> 50 CFR 17.42(b); <sup>4d</sup> 50 CFR 223.205; 50 CFR 223.206; 50 CFR 223.207.
Skink, blue-tail mole .....	<i>Eumeces egregius lividus</i> ...	Wherever found ...	T	52 FR 42658, 11/6/1987; 50 CFR 17.42(b). <sup>4d</sup>
Skink, Round Island .....	<i>Leiopisma telfairi</i> .....	Wherever found ...	T	48 FR 28460, 6/22/1983.
Skink, sand .....	<i>Neoseps reynoldsi</i> .....	Wherever found ...	T	52 FR 42658, 11/6/1987; 50 CFR 17.42(b). <sup>4d</sup>
Skink, Slevin's (Gualiki halumtanu, Gholuuf).	<i>Emoia slevini</i> .....	Wherever found ...	E	80 FR 59423, 10/1/2015.
Snake, Atlantic salt marsh .....	<i>Nerodia clarkii taeniata</i> .....	Wherever found ...	T	42 FR 60743, 11/29/1977.
Snake, copperbelly water [Northern DPS].	<i>Nerodia erythrogaster neglecta</i> .	U.S.A. (IN north of 40° N. Lat., MI, OH).	T	62 FR 4183, 1/29/1997.
Snake, eastern indigo .....	<i>Drymarchon couperi</i> .....	Wherever found ...	T	43 FR 4026, 1/31/1978.
Snake, giant garter .....	<i>Thamnophis gigas</i> .....	Wherever found ...	T	58 FR 54053, 10/20/1993.
Snake, Maria Island .....	<i>Liophis ornatus</i> .....	Wherever found ...	E	56 FR 49469, 9/30/1991.
Snake, San Francisco garter .....	<i>Thamnophis sirtalis tetrataenia</i> .	Wherever found ...	E	32 FR 4001, 3/11/1967.
Tartaruga .....	<i>Podocnemis expansa</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Terrapin, river .....	<i>Batagur baska</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tomistoma .....	<i>Tomistoma schlegelii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Tortoise, angulated .....	<i>Geochelone yniphora</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Tortoise, Bolson .....	<i>Gopherus flavomarginatus</i> ..	Wherever found ...	E	44 FR 23062, 4/17/1979.
Tortoise, desert [Mojave DPS] .....	<i>Gopherus agassizii</i> .....	Wherever found, except AZ south and east of Colorado R., and Mexico.	T	45 FR 55654, 8/20/1980; 54 FR 32326, 8/4/1989; 55 FR 12178, 4/2/1990; 50 CFR 17.95(c). <sup>CH</sup>
Tortoise, desert .....	<i>Gopherus agassizii</i> .....	AZ south and east of Colorado R., and Mexico, when found outside of Mexico or said range in AZ.	T(S/A)	55 FR 12178, 4/2/1990; 50 CFR 17.42(e). <sup>4d</sup>

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Tortoise, Egyptian .....	<i>Testudo kleinmanni</i> (syn. <i>Testudo wernerii</i> ).	Wherever found ...	T	87 FR 19004, March 30, 2023; 50 CFR 17.42(f). <sup>4d</sup>
Tortoise, Galapagos .....	<i>Geochelone nigra</i> (=elephantopus).	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tortoise, gopher [West of Mobile and Tombigbee Rivers DPS].	<i>Gopherus polyphemus</i> .....	Wherever found west of Mobile and Tombigbee Rivers in AL, MS, and LA.	T	52 FR 25376, 7/7/1987.
Tortoise, Madagascar radiated .....	<i>Geochelone radiata</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tracaja .....	<i>Podocnemis unifilis</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Tuatara .....	<i>Sphenodon punctatus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 65 FR 16053, 3/24/2000.
Tuatara, Brother's Island .....	<i>Sphenodon guntheri</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970; 65 FR 16053, 3/24/2000.
Turtle, Alabama redbellied .....	<i>Pseudemys alabamensis</i> ....	Wherever found ...	E	52 FR 22939, 6/16/1987.
Turtle, aquatic box .....	<i>Terrapene coahuila</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Turtle, black softshell .....	<i>Trionyx nigricans</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, bog (=Muhlenberg) [Northern DPS].	<i>Glyptemys muhlenbergii</i> .....	Wherever found, except GA, NC, SC, TN, VA.	T	62 FR 59605, 11/4/1997.
Turtle, bog (=Muhlenberg) .....	<i>Glyptemys muhlenbergii</i> .....	U.S.A. (GA, NC, SC, TN, VA).	T (S/A)	62 FR 59605, 11/4/1997; 50 CFR 17.42(f). <sup>4d</sup>
Turtle, Brazilian sideneck .....	<i>Phrynops hoguei</i> .....	Wherever found ...	E	56 FR 49469, 9/30/1991.
Turtle, Burmese peacock .....	<i>Morenia ocellata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, Cat Island .....	<i>Trachemys terrapen</i> .....	Cat Island in the Bahamas.	E	56 FR 49469, 9/30/1991.
Turtle, Central American river .....	<i>Dermatemys mawii</i> .....	Wherever found ...	E	48 FR 28460, 6/22/1983.
Turtle, Cuatro Ciénegas softshell .....	<i>Trionyx ater</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, flattened musk [Black Warrior River DPS].	<i>Sternotherus depressus</i> .....	Black Warrior R. system upstream from Bankhead Dam.	T	52 FR 22418, 6/11/1987.
Turtle, geometric .....	<i>Psammobates geometricus</i>	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, Inagua Island .....	<i>Trachemys stejnegeri malonei</i> .	Wherever found ...	E	56 FR 49469, 9/30/1991.
Turtle, Indian sawback .....	<i>Kachuga tecta tecta</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, Indian softshell .....	<i>Trionyx gangeticus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, peacock softshell .....	<i>Trionyx hurum</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, Plymouth redbelly .....	<i>Pseudemys rubriventris bangsi</i> .	Wherever found ...	E	45 FR 21828, 4/2/1980; 50 CFR 17.95(c). <sup>CH</sup>
Turtle, ringed map .....	<i>Graptemys oculifera</i> .....	Wherever found ...	T	51 FR 45907, 12/23/1986.
Turtle, short-necked or western swamp.	<i>Pseudemys dura umbrina</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Turtle, Sonoyta mud .....	<i>Kinosternon sonoriense longifemorale</i> .	Wherever found ...	E	82 FR 43897, 9/20/2017; 50 CFR 17.95(c). <sup>CH</sup>
Turtle, South American red-lined ..	<i>Trachemys scripta callirostris</i> .	Wherever found ...	E	56 FR 49469, 9/30/1991.
Turtle, spotted pond .....	<i>Geoclemys hamiltonii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, three-keeled Asian .....	<i>Melanochelys tricarinata</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Turtle, yellow-blotched map .....	<i>Graptemys flavimaculata</i> ....	Wherever found ...	T	56 FR 1459, 1/14/1991.
Viper, Lar Valley .....	<i>Vipera latifii</i> .....	Wherever found ...	E	48 FR 28460, 6/22/1983.
Whipsnake, Alameda (=striped racer).	<i>Masticophis lateralis euryxanthus</i> .	Wherever found ...	T	62 FR 64306, 12/5/1997; 50 CFR 17.95(c). <sup>CH</sup>

AMPHIBIANS

Coqui, golden .....	<i>Eleutherodactylus jasperi</i> ....	Wherever found ...	T	42 FR 58756, 11/11/1977; 50 CFR 17.95(d). <sup>CH</sup>
Coqui, llanero .....	<i>Eleutherodactylus juanriveroi</i> .	Wherever found ...	E	77 FR 60777, 10/4/2012; 50 CFR 17.95(d). <sup>CH</sup>
Frog, California red-legged .....	<i>Rana draytonii</i> .....	Wherever found ...	T	61 FR 25813, 5/23/1996; 50 CFR 17.43(b); <sup>4d</sup> 50 CFR 17.95(d). <sup>CH</sup>
Frog, Chiricahua leopard .....	<i>Rana chiricahuensis</i> .....	Wherever found ...	T	67 FR 40790, 6/13/2002; 50 CFR 17.43(b). <sup>4d</sup>
Frog, dusky gopher .....	<i>Rana sevosus</i> (= <i>Lithobates sevosus</i> ).	Wherever found ...	E	66 FR 63002, 12/4/2001; 50 CFR 17.95(d). <sup>CH</sup>

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Frog, foothill yellow-legged [Central Coast DPS].	<i>Rana boylei</i> .....	California (All foothill yellow-legged frogs in the Central Coast Range south of San Francisco Bay to San Benito and Fresno Counties).	T	88 FR 59698, 8/29/2023; 50 CFR 17.43(g). <sup>4d</sup>
Frog, foothill yellow-legged [North Feather DPS].	<i>Rana boylei</i> .....	California (All foothill yellow-legged frogs in the North Feather River watershed largely in Plumas and Butte Counties).	T	88 FR 59698, 8/29/2023; 50 CFR 17.43(g). <sup>4d</sup>
Frog, foothill yellow-legged [South Coast DPS].	<i>Rana boylei</i> .....	California (All foothill yellow-legged frogs in the Coast Range from Coastal Monterey County south to Los Angeles County).	E	88 FR 59698, 8/29/2023.
Frog, foothill yellow-legged [South Sierra DPS].	<i>Rana boylei</i> .....	California (All foothill yellow-legged frogs in the Sierra Nevada Mountains south of the American River sub-basin south to the Transverse Range in Kern County).	E	88 FR 59698, 8/29/2023.
Frog, Goliath .....	<i>Conraua goliath</i> .....	Wherever found ...	T	59 FR 63261, 12/8/1994.
Frog, Israel painted .....	<i>Discoglossus nigriventer</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Frog, mountain yellow-legged [Northern California DPS].	<i>Rana muscosa</i> .....	Northern California DPS—U.S.A., northern California.	E	79 FR 24255, 4/29/2014; 50 CFR 17.95(d). <sup>CH</sup>
Frog, mountain yellow-legged [Southern California DPS].	<i>Rana muscosa</i> .....	Southern California DPS—U.S.A., southern California.	E	67 FR 44382, 7/2/2002; 50 CFR 17.95(d). <sup>CH</sup>
Frog, Oregon spotted .....	<i>Rana pretiosa</i> .....	Wherever found ...	T	79 FR 51657, 8/29/2014; 50 CFR 17.95(d). <sup>CH</sup>
Frog, Panamanian golden .....	<i>Atelopus varius zeteki</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Frog, Sierra Nevada yellow-legged.	<i>Rana sierrae</i> .....	Wherever found ...	E	79 FR 24255, 4/29/2014; 50 CFR 17.95(d). <sup>CH</sup>
Frog, Stephen Island .....	<i>Leiopelma hamiltoni</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Guajón .....	<i>Eleutherodactylus cooki</i> .....	Wherever found ...	T	62 FR 31757, 6/11/1997; 50 CFR 17.95(d). <sup>CH</sup>
Hellbender, eastern [Missouri DPS].	<i>Cryptobranchus alleganiensis alleganiensis</i> .	Missouri .....	E	86 FR 13465; 3/9/2021
Hellbender, Ozark .....	<i>Cryptobranchus alleganiensis bishopi</i> .	Wherever found ...	E	76 FR 61956, 10/6/2011.
Salamander, Austin blind .....	<i>Eurycea waterlooensis</i> .....	Wherever found ...	E	78 FR 51277, 8/20/2013; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Barton Springs .....	<i>Eurycea sosorum</i> .....	Wherever found ...	E	62 FR 23377, 4/30/1997.
Salamander, California tiger [Santa Barbara County DPS].	<i>Ambystoma californiense</i> .....	Santa Barbara County DPS—U.S.A. (CA—Santa Barbara County).	E	65 FR 3109, 1/19/2000; 65 FR 57242, 9/21/2000; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, California tiger [Central California DPS].	<i>Ambystoma californiense</i> .....	Central California DPS—U.S.A. (CA—Central California).	T	69 FR 47248, 8/4/2004; 50 CFR 17.43(c); <sup>4d</sup> 50 CFR 17.95(d). <sup>CH</sup>

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Salamander, California tiger [Sonoma County DPS].	<i>Ambystoma californiense</i> ....	Sonoma County DPS—U.S.A. (CA—Sonoma County).	E	67 FR 47739, 7/22/2002; 68 FR 13520, 3/19/2003; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Cheat Mountain .....	<i>Plethodon nettingi</i> .....	Wherever found ...	T	54 FR 34464, 8/18/1989.
Salamander, Chinese giant .....	<i>Andrias davidianus</i> (=davidianus d.).	Wherever found ...	E	41 FR 24062, 6/14/1976.
Salamander, desert slender .....	<i>Batrachoseps aridus</i> .....	Wherever found ...	E	38 FR 14678, 6/4/1973.
Salamander, frosted flatwoods .....	<i>Ambystoma cingulatum</i> .....	Wherever found ...	T	64 FR 15691, 4/1/1999; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Georgetown .....	<i>Eurycea naufragia</i> .....	Wherever found ...	T	79 FR 10236, 2/24/2014; 50 CFR 17.43(e); <sup>4d</sup> 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Japanese giant .....	<i>Andrias japonicus</i> (=davidianus j.).	Wherever found ...	E	41 FR 24062, 6/14/1976.
Salamander, Jemez Mountains ...	<i>Plethodon neomexicanus</i> ....	Wherever found ...	E	78 FR 55599, 9/10/2013; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Jollyville Plateau .....	<i>Eurycea tonkawae</i> .....	Wherever found ...	T	78 FR 51277, 8/20/2013; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Red Hills .....	<i>Phaeognathus hubrichti</i> .....	Wherever found ...	T	41 FR 53032, 12/3/1976.
Salamander, reticulated flatwoods	<i>Ambystoma bishopi</i> .....	Wherever found ...	E	74 FR 6700, 2/10/2009; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Salado .....	<i>Eurycea chisholmensis</i> .....	Wherever found ...	T	79 FR 10236, 2/24/2014; 50 CFR 17.95(d). <sup>CH</sup>
Salamander, San Marcos .....	<i>Eurycea nana</i> .....	Wherever found ...	T	45 FR 47355, 7/14/1980; 50 CFR 17.43(a); <sup>4d</sup> 50 CFR 17.95(d). <sup>CH</sup>
Salamander, Santa Cruz long-toed.	<i>Ambystoma macrodactylum croceum</i> .	Wherever found ...	E	32 FR 4001, 3/11/1967.
Salamander, Shenandoah .....	<i>Plethodon shenandoah</i> .....	Wherever found ...	E	54 FR 34464, 8/18/1989.
Salamander, Sonoran tiger .....	<i>Ambystoma mavortium stebbinsi</i> .	Wherever found ...	E	62 FR 665, 1/6/1977.
Salamander, Texas blind .....	<i>Eurycea rathbuni</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Toad, arroyo (=arroyo southwestern).	<i>Anaxyrus californicus</i> .....	Wherever found ...	E	59 FR 64859, 12/16/1994; 50 CFR 17.95(d). <sup>CH</sup>
Toad, Cameroon .....	<i>Bufo superciliaris</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Toad, Dixie Valley .....	<i>Anaxyrus williamsi</i> .....	Wherever found ...	E	87 FR 73971, 12/2/2022.
Toad, Houston .....	<i>Bufo houstonensis</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970; 50 CFR 17.95(d). <sup>CH</sup>
Toad, Monte Verde golden .....	<i>Bufo periglens</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Toad, Puerto Rican crested .....	<i>Peltophryne lemur</i> .....	Wherever found ...	T	52 FR 28828, 8/4/1987.
Toad, Wyoming .....	<i>Bufo hemiophrys baxteri</i> ....	Wherever found ...	E	49 FR 1992, 1/17/1984.
Toad, Yosemite .....	<i>Anaxyrus canorus</i> .....	Wherever found ...	T	79 FR 24255, 4/29/2014; 50 CFR 17.95(d). <sup>CH</sup>
Toads, African viviparous .....	<i>Nectophrynoides</i> spp. ....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Waterdog, Black Warrior .....	<i>Necturus alabamensis</i> .....	Wherever found ...	E	83 FR 257, 1/3/2018.
Waterdog, Neuse River .....	<i>Necturus lewisi</i> .....	Wherever found ...	T	86 FR 30688, June 9, 2021; 50 CFR 17.43(f); <sup>4d</sup> 50 CFR 17.95(d). <sup>CH</sup>

FISHES

Ala Balik (trout) .....	<i>Salmo platycephalus</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Angelshark, Argentine .....	<i>Squatina argentina</i> .....	Wherever found ...	E	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Angelshark, common .....	<i>Squatina squatina</i> .....	Wherever found ...	E	81 FR 50394, 8/1/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Angelshark, sawback .....	<i>Squatina aculeata</i> .....	Wherever found ...	E	81 FR 50394, 8/1/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Angelshark, smoothback .....	<i>Squatina oculata</i> .....	Wherever found ...	E	81 FR 50394, 8/1/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Angelshark, spiny .....	<i>Squatina guggenheim</i> .....	Wherever found ...	E	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Ayumodoki (loach) .....	<i>Hymenophysa curta</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Blindcat, Mexican (catfish) .....	<i>Prietella phreatophila</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Bocaccio [Puget Sound—Georgia Basin DPS].	<i>Sebastes paucispinis</i> .....	Puget Sound—Georgia Basin DPS—see 50 CFR 224.101.	E	75 FR 22276, 4/28/2010; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.224. <sup>CH</sup>
Bonytongue, Asian .....	<i>Scleropages formosus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Cardinalfish, Banggai .....	<i>Pterapogon kauderni</i> .....	Wherever found ...	T	81 FR 3023, 1/20/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Catfish (Thailand) .....	<i>Pangasius sanitwongsei</i> ....	Wherever found ...	E	35 FR 8491, 6/2/1970.

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Catfish, Thailand giant .....	<i>Pangasianodon gigas</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Catfish, Yaqui .....	<i>Ictalurus pricei</i> .....	Wherever found ...	T	49 FR 34490, 8/31/1984; 50 CFR 17.44(h); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Cavefish, Alabama .....	<i>Speoplatyrhinus poulsoni</i> ...	Wherever found ...	E	42 FR 45526, 9/9/1977; 53 FR 37968, 9/28/1988; 50 CFR 17.95(e). <sup>CH</sup>
Cavefish, Ozark .....	<i>Amblyopsis rosae</i> .....	Wherever found ...	T	49 FR 43965, 11/1/1984.
Chub, bonytail .....	<i>Gila elegans</i> .....	Wherever found ...	E	45 FR 27710, 4/23/1980; 50 CFR 17.95(e). <sup>CH</sup>
Chub, Chihuahua .....	<i>Gila nigrescens</i> .....	Wherever found ...	T	48 FR 46053, 10/11/1983; 50 CFR 17.44(g). <sup>4d</sup>
Chub, Gila .....	<i>Gila intermedia</i> .....	Wherever found ...	E	70 FR 66664, 11/2/2005; 50 CFR 17.95(e). <sup>CH</sup>
Chub, humpback .....	<i>Gila cypha</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 86 FR 57588; 10/18/2021; 50 CFR 17.44(dd); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Chub, Hutton tui .....	<i>Gila bicolor ssp.</i> .....	Wherever found ...	T	50 FR 12302, 3/28/1985; 50 CFR 17.44(j). <sup>4d</sup>
Chub, Mohave tui .....	<i>Gila bicolor mohavensis</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Chub, Owens tui .....	<i>Gila bicolor snyderi</i> .....	Wherever found ...	E	50 FR 31592, 8/5/1985; 50 CFR 17.95(e). <sup>CH</sup>
Chub, Pahrnagat roundtail .....	<i>Gila robusta jordani</i> .....	Wherever found ...	E	35 FR 16047, 10/13/1970.
Chub, peppered .....	<i>Macrhybopsis tetranema</i> ...	Wherever found ...	E	87 FR 11188; 2/28/2022; 50 CFR 17.95(e). <sup>CH</sup>
Chub, slender .....	<i>Erimystax cahni</i> .....	Wherever found, except where listed as an ex- perimental pop- ulation.	T	42 FR 45526, 9/9/1977; 50 CFR 17.44(c); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Chub, slender .....	<i>Erimystax cahni</i> .....	U.S.A. (TN—spec- ified portions of the French Broad and Holston Rivers; see § 17.84(s)(1)(i)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.84(sr). <sup>10</sup>
Chub, Sonora .....	<i>Gila ditaenia</i> .....	Wherever found ...	T	51 FR 16042, 4/30/1986; 50 CFR 17.44(o); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Chub, spotfin .....	<i>Erimonax monachus</i> .....	Wherever found, except where listed as an ex- perimental pop- ulation.	T	42 FR 45526, 9/9/1977; 50 CFR 17.44(c); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Chub, spotfin .....	<i>Erimonax monachus</i> .....	U.S.A. (TN—spec- ified portions of the Tellico River; see § 17.84(m) (1)(i)).	XN	67 FR 52420, 8/12/2002; 50 CFR 17.84(m). <sup>10</sup>
Chub, spotfin .....	<i>Erimonax monachus</i> .....	U.S.A. (AL, TN— specified por- tions of Shoal Creek; see § 17.84(m)(1)(ii)).	XN	70 FR 1286, 1/6/2005; 50 CFR 17.84(m). <sup>10</sup>
Chub, spotfin .....	<i>Erimonax monachus</i> .....	U.S.A. (TN—spec- ified portions of the French Broad and Holston Rivers; see § 17.84(m) (1)(iii)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.84(m). <sup>10</sup>
Chub, Virgin River .....	<i>Gila robusta semidnuda</i> .....	Wherever found ...	E	54 FR 35305, 8/24/1989; 50 CFR 17.95(e). <sup>CH</sup>
Chub, Yaqui .....	<i>Gila purpurea</i> .....	Wherever found ...	E	49 FR 34490, 8/31/1984; 50 CFR 17.95(e). <sup>CH</sup>
Cicek (minnow) .....	<i>Acanthorutilus handlirshi</i> ...	Wherever found ...	E	35 FR 8491, 6/2/1970.
Coelacanth, African [Tanzanian DPS].	<i>Latimeria chalumnae</i> .....	Tanzanian DPS— see 50 CFR 223.102.	T	81 FR 17398, 3/29/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Cui-ui .....	<i>Chasmistes cujus</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.

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Dace, Ash Meadows speckled .....	<i>Rhinichthys osculus nevadensis</i> .	Wherever found ...	E	47 FR 19995, 5/10/1982; 48 FR 608, 1/5/1983; 48 FR 40178, 9/2/1983; 50 CFR 17.95(e). <sup>CH</sup>
Dace, blackside .....	<i>Phoxinus (=Chrosomus), cumberlandensis</i> .	Wherever found ...	T	52 FR 22580, 6/12/1987.
Dace, Clover Valley speckled .....	<i>Rhinichthys osculus oligoporus</i> .	Wherever found ...	E	54 FR 41448, 10/10/1989.
Dace, desert .....	<i>Eremichthys acros</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 35 FR 16047, 10/13/1970; 50 FR 50304, 12/10/1985; 50 CFR 17.44(m); <sup>4d</sup> 50 CFR 17.95(e); <sup>CH</sup>
Dace, Independence Valley speckled.	<i>Rhinichthys osculus lethoporus</i> .	Wherever found ...	E	54 FR 41448, 10/10/1989; 54 FR 47861, 11/17/1989.
Dace, Kendall Warm Springs .....	<i>Rhinichthys osculus thermalis</i> .	Wherever found ...	E	35 FR 16047, 10/13/1970.
Dace, laurel .....	<i>Chrosomus saylori</i> .....	Wherever found ...	E	76 FR 48722, 8/9/2011; 50 CFR 17.95(e). <sup>CH</sup>
Dace, Moapa .....	<i>Moapa coriacea</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Darter, amber .....	<i>Percina antesella</i> .....	Wherever found ...	E	50 FR 31597, 8/5/1985; 50 CFR 17.95(e). <sup>CH</sup>
Darter, bayou .....	<i>Etheostoma rubrum</i> .....	Wherever found ...	T	40 FR 44149, 9/25/1975; 50 CFR 17.44(b). <sup>4d</sup>
Darter, bluemask .....	<i>Etheostoma akatulo</i> .....	Wherever found ...	E	58 FR 68480, 12/27/1993.
Darter, boulder .....	<i>Etheostoma wapiti</i> .....	Wherever found, except where listed as an experimental population.	E	53 FR 33996, 9/1/1988.
Darter, boulder .....	<i>Etheostoma wapiti</i> .....	Shoal Creek (from Shoal Creek mile 41.7 (66.7 km)) at the mouth of Long Branch, Lawrence County, TN, downstream to the backwaters of Wilson Reservoir (Shoal Creek mile 14 (22 km)) at Goose Shoals, Lauderdale County, AL, including the lower 5 miles (8 km) of all tributaries that enter this reach.	XN	70 FR 1286, 1/6/2005; 50 CFR 17.84(o). <sup>10j</sup>
Darter, candy .....	<i>Etheostoma osburni</i> .....	Wherever found ...	E	83 FR 58747, 11/21/2018; 50 CFR 17.95(e). <sup>CH</sup>
Darter, Cherokee .....	<i>Etheostoma scotti</i> .....	Wherever found ...	T	59 FR 65505, 12/20/1994.
Darter, Cumberland .....	<i>Etheostoma susanae</i> .....	Wherever found ...	E	76 FR 48722, 8/9/2011; 50 CFR 17.95(e). <sup>CH</sup>
Darter, diamond .....	<i>Crystallaria cincotta</i> .....	Wherever found ...	E	78 FR 45074, 7/26/2013; 50 CFR 17.95(e). <sup>CH</sup>
Darter, duskytail .....	<i>Etheostoma percnum</i> .....	Wherever found, except where listed as an experimental population.	E	58 FR 25758, 4/27/1993.
Darter, duskytail .....	<i>Etheostoma percnum</i> .....	U.S.A. (TN—specified portions of the Tellico River; see § 17.84(p)(1)(i)).	XN	67 FR 52420, 8/12/2002; 50 CFR 17.84(q). <sup>10j</sup>

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Darter, duskytail	<i>Etheostoma percnurum</i>	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.84(q)(1)(ii)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.84(q). <sup>1Q</sup>
Darter, Etowah	<i>Etheostoma etowahae</i>	Wherever found	E	59 FR 65505, 12/20/1994.
Darter, fountain	<i>Etheostoma fonticola</i>	Wherever found	E	35 FR 16047, 10/13/1970; 50 CFR 17.95(e). <sup>CH</sup>
Darter, goldline	<i>Percina aurolineata</i>	Wherever found	T	57 FR 14786, 4/22/1992.
Darter, Kentucky arrow	<i>Etheostoma spilotum</i>	Wherever found	T	81 FR 68963, 10/5/2016; 50 CFR 17.44(p); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Darter, leopard	<i>Percina pantherina</i>	Wherever found	T	43 FR 3711, 1/27/1978; 50 CFR 17.44(d); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Darter, Maryland	<i>Etheostoma sellare</i>	Wherever found	E	32 FR 4001, 3/11/1967; 50 CFR 17.95(e). <sup>CH</sup>
Darter, Niangua	<i>Etheostoma nianguae</i>	Wherever found	T	50 FR 24649, 6/12/1985; 50 CFR 17.44(k); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Darter, pearl	<i>Percina aurora</i>	Wherever found	T	82 FR 43885, 9/20/2017; 50 CFR 17.95(e). <sup>CH</sup>
Darter, relict	<i>Etheostoma chienense</i>	Wherever found	E	58 FR 68480, 12/27/1993.
Darter, rush	<i>Etheostoma phytophilum</i>	Wherever found	E	76 FR 48722, 8/9/2011; 50 CFR 17.95(e). <sup>CH</sup>
Darter, sickle	<i>Percina williamsi</i>	Wherever found	T	87 FR 67380, 11/8/2022; 50 CFR 17.44(ee). <sup>4d</sup>
Darter, slackwater	<i>Etheostoma boschungii</i>	Wherever found	T	42 FR 45526, 9/9/1977; 50 CFR 17.44(c); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Darter, trispot	<i>Etheostoma trisella</i>	Wherever found	T	83 FR 67131, 12/28/2018; 50 CFR 17.44(q); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Darter, vermilion	<i>Etheostoma chermocki</i>	Wherever found	E	66 FR 59367, 11/28/2001; 50 CFR 17.95(e). <sup>CH</sup>
Darter, watercress	<i>Etheostoma nuchale</i>	Wherever found	E	35 FR 16047, 10/13/1970.
Darter, yellowcheek	<i>Etheostoma moorei</i>	Wherever found	E	76 FR 48722, 8/9/2011; 50 CFR 17.95(e). <sup>CH</sup>
Eulachon [Southern DPS]	<i>Thaleichthys pacificus</i>	Southern DPS—see 50 CFR 223.102.	T	75 FR 13012, 3/18/2010; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.222. <sup>CH</sup>
Gambusia, Big Bend	<i>Gambusia gaigei</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Gambusia, Clear Creek	<i>Gambusia heterochir</i>	Wherever found	E	32 FR 4001, 3/11/1967.
Gambusia, Pecos	<i>Gambusia nobilis</i>	Wherever found	E	35 FR 16047, 10/13/1970.
Gambusia, San Marcos	<i>Gambusia georgei</i>	Wherever found	E	45 FR 47355, 7/14/1980; 50 CFR 17.95(e). <sup>CH</sup>
Goby, tidewater	<i>Eucyclogobius newberryi</i>	Wherever found	E	59 FR 5494, 2/4/1994; 50 CFR 17.95(e). <sup>CH</sup>
Grouper, gulf	<i>Mycteroperca jordani</i>	Wherever found	E	81 FR 72545, 10/20/2016; <sup>N</sup> 84 FR 13809, 4/8/2019.
Grouper, island	<i>Mycteroperca fusca</i>	Wherever found	T	81 FR 72545, 10/20/2016; <sup>N</sup> 84 FR 13809, 4/8/2019.
Grouper, Nassau	<i>Epinephelus striatus</i>	Wherever found	T	81 FR 42268, 6/29/2016; <sup>N</sup> 81 FR 76311, 11/2/2016.
Guitarfish, blackchin	<i>Rhinobatos cemiculus</i>	Wherever found	T	82 FR 6309, 1/19/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Guitarfish, Brazilian	<i>Rhinobatos horkelii</i>	Wherever found	E	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Guitarfish, common	<i>Rhinobatos rhinobatos</i>	Wherever found	T	82 FR 6309, 1/19/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Loggerperch, Conasauga	<i>Percina jenkinsi</i>	Wherever found	E	50 FR 31597, 8/5/1985; 50 CFR 17.95(e). <sup>CH</sup>
Loggerperch, Roanoke	<i>Percina rex</i>	Wherever found	E	54 FR 34468, 8/18/1989.
Madtom, Carolina	<i>Noturus furiosus</i>	Wherever found	E	86 FR 30688, June 9, 2021; 50 CFR 17.95(e). <sup>CH</sup>
Madtom, Chucky	<i>Noturus crypticus</i>	Wherever found	E	76 FR 48722, 8/9/2011; 50 CFR 17.95(e). <sup>CH</sup>
Madtom, frecklebelly [Upper Coosa River DPS].	<i>Noturus munitus</i>	Upper Coosa River Basin (GA, TN).	T	88 FR 13038, 3/2/2023; 50 CFR 17.44(ff); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>

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Madtom, Neosho .....	<i>Noturus placidus</i> .....	Wherever found ...	T	55 FR 21148, 5/22/1990.
Madtom, pygmy .....	<i>Noturus stanauli</i> .....	Wherever found, except where listed as an experimental population.	E	58 FR 25758, 4/27/1993.
Madtom, pygmy .....	<i>Noturus stanauli</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.84(t)(1)(i)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.84(t). <sup>10j</sup>
Madtom, Scioto .....	<i>Noturus trautmani</i> .....	Wherever found ...	E	40 FR 44149, 9/25/1975.
Madtom, smoky .....	<i>Noturus baileyi</i> .....	Wherever found, except where listed as an experimental population.	E	49 FR 43065, 10/26/1984; 50 CFR 17.95(e). <sup>CH</sup>
Madtom, smoky .....	<i>Noturus baileyi</i> .....	U.S.A. (TN—specified portions of the Tellico River; see § 17.84(r)(1)(i)).	XN	67 FR 52420, 8/12/2002; 50 CFR 17.84(r). <sup>10j</sup>
Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	Wherever found, except where listed as an experimental population.	T	42 FR 45526, 9/9/1977; 50 CFR 17.44(c); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	U.S.A. (TN, VA—specified portions of the Holston River and watershed; see § 17.84(e)(1)(i)).	XN	53 FR 29335, 8/4/1988; 50 CFR 17.84(e). <sup>10j</sup>
Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	U.S.A. (TN—specified portions of the Tellico River; see § 17.84(e)(1)(ii)).	XN	67 FR 52420, 8/12/2002; 50 CFR 17.84(e). <sup>10j</sup>
Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.84(e)(1)(iii)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.84(e). <sup>10j</sup>
Minnow, Devils River .....	<i>Dionda diaboli</i> .....	Wherever found ...	T	64 FR 56596, 10/20/1999; 50 CFR 17.95(e). <sup>CH</sup>
Minnow, loach .....	<i>Tiaroga cobitis</i> .....	Wherever found ...	E	51 FR 39468, 10/28/1986; 77 FR 10810, 2/23/2012; 50 CFR 17.95(e). <sup>CH</sup>
Minnow, Rio Grande silvery .....	<i>Hybognathus amarus</i> .....	Wherever found, except where listed as an experimental population.	E	59 FR 36988, 7/20/1994; 50 CFR 17.95(e). <sup>CH</sup>

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Minnow, Rio Grande silvery .....	<i>Hybognathus amarus</i> .....	Rio Grande, from Little Box Canyon (approximately 10.4 river miles downstream of Fort Quitman, TX) to Amistad Dam; and on the Pecos River, from its confluence with Independence Creek to its confluence with the Rio Grande.	XN	73 FR 74357, 12/8/2008; 50 CFR 17.84(u). <sup>10j</sup>
Nekogigi (catfish) .....	<i>Coreobagrus ichikawai</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Pikeminnow, Colorado .....	<i>Ptychocheilus lucius</i> .....	Wherever found, except where listed as an experimental population.	E	32 FR 4001, 3/11/1967; 50 FR 30188, 7/24/1985; 50 CFR 17.95(e). <sup>CH</sup>
Pikeminnow, Colorado .....	<i>Ptychocheilus lucius</i> .....	Salt and Verde R. drainages, AZ.	XN	50 FR 30188, 7/24/1985; 50 CFR 17.84(b). <sup>10j</sup>
Poolfish, Pahrump .....	<i>Empetrichthys latos</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i> .	Wherever found ...	E	47 FR 19995, 5/10/1982; 48 FR 608, 1/5/1983; 48 FR 40178, 9/2/1983; 50 CFR 17.95(e). <sup>CH</sup>
Pupfish, Comanche Springs .....	<i>Cyprinodon elegans</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Pupfish, desert .....	<i>Cyprinodon macularius</i> .....	Wherever found ...	E	51 FR 10842, 3/31/1986; 50 CFR 17.95(e). <sup>CH</sup>
Pupfish, Devils Hole .....	<i>Cyprinodon diabolis</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Pupfish, Leon Springs .....	<i>Cyprinodon bovinus</i> .....	Wherever found ...	E	45 FR 54678, 8/15/1980; 50 CFR 17.95(e). <sup>CH</sup>
Pupfish, Owens .....	<i>Cyprinodon radiosus</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Pupfish, Warm Springs .....	<i>Cyprinodon nevadensis pectoralis</i> .	Wherever found ...	E	35 FR 16047, 10/13/1970.
Ray, giant manta .....	<i>Manta birostris</i> .....	Wherever found ...	T	83 FR 2916, 1/22/2018; <sup>N</sup> 84 FR 13809, 4/8/2019.
Rockfish, yelloweye [Puget Sound-Georgia Basin DPS].	<i>Sebastes ruberrimus</i> .....	Puget Sound-Georgia Basin DPS—see 50 CFR 223.102.	T	75 FR 22276, 4/28/2010; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.224. <sup>CH</sup>
Salmon, Atlantic [Gulf of Maine DPS].	<i>Salmo salar</i> .....	Gulf of Maine DPS—see 50 CFR 224.101.	E	65 FR 69459, 11/17/2000; <sup>J</sup> 74 FR 29344, 6/19/2009; <sup>J</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.217. <sup>CH</sup>
Salmon, Chinook [California Coastal ESU].	<i>Oncorhynchus tshawytscha</i>	California Coastal ESU—see 50 CFR 223.102.	T	64 FR 50394, 9/16/1999; <sup>N</sup> 64 FR 72960, 12/29/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Salmon, Chinook [Central Valley spring-run ESU].	<i>Oncorhynchus tshawytscha</i>	Central Valley spring-run ESU—see 50 CFR 223.102.	T	64 FR 50394, 9/16/1999; <sup>N</sup> 64 FR 72960, 12/29/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Salmon, Chinook [Central Valley spring-run ESU—XN].	<i>Oncorhynchus tshawytscha</i>	Central Valley spring-run ESU—XN—see 50 CFR 223.102.	XN	78 FR 79622, 12/31/2013; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 223.301. <sup>10j</sup>

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Salmon, Chinook [Lower Columbia River ESU].	<i>Oncorhynchus tshawytscha</i>	Lower Columbia River ESU—see 50 CFR 223.102.	T	64 FR 14308, 3/24/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, Chinook [Puget Sound ESU].	<i>Oncorhynchus tshawytscha</i>	Puget Sound ESU—see 50 CFR 223.102.	T	64 FR 14308, 3/24/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, Chinook [Sacramento River winter-run ESU].	<i>Oncorhynchus tshawytscha</i>	Sacramento River winter-run ESU—see 50 CFR 224.101.	E	55 FR 12191, 4/2/1990; <sup>N</sup> 55 FR 12831, 4/6/1990; 55 FR 46515, 11/4/1990; <sup>N</sup> 55 FR 49623, 11/30/1990; 59 FR 440, 1/4/1994; <sup>N</sup> 59 FR 13836, 3/23/1994; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.204. <sup>CH</sup>
Salmon, Chinook [Snake River fall-run ESU].	<i>Oncorhynchus tshawytscha</i>	Snake River fall-run ESU—see 50 CFR 223.102.	T	57 FR 14653, 4/22/1992; <sup>N</sup> 58 FR 49880, 9/23/1993; 59 FR 42529, 8/18/1994; <sup>N</sup> 59 FR 54840, 11/2/1994; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.205. <sup>CH</sup>
Salmon, Chinook [Snake River spring/summer-run ESU].	<i>Oncorhynchus tshawytscha</i>	Snake River spring/summer-run ESU—see 50 CFR 223.102.	T	57 FR 14653, 4/22/1992; <sup>N</sup> 58 FR 49880, 9/23/1993; 59 FR 42529, 8/18/1994; <sup>N</sup> 59 FR 54840, 11/2/1994; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.205. <sup>CH</sup>
Salmon, Chinook [Upper Columbia River spring-run ESU].	<i>Oncorhynchus tshawytscha</i>	Upper Columbia River spring-run ESU—see 50 CFR 224.101.	E	64 FR 14308, 3/24/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.212. <sup>CH</sup>
Salmon, Chinook [Upper Columbia River spring-run ESU-XN].	<i>Oncorhynchus tshawytscha</i>	Upper Columbia River spring-run ESU-XN—see 50 CFR 223.102.	XN	79 FR 40004, 7/11/2014; <sup>N</sup> 79 FR 52576, 9/4/2014; 50 CFR 223.301. <sup>10j</sup>
Salmon, Chinook [Upper Willamette River ESU].	<i>Oncorhynchus tshawytscha</i>	Upper Willamette River ESU—see 50 CFR 223.102.	T	64 FR 14308, 3/24/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, chum [Columbia River ESU].	<i>Oncorhynchus keta</i> .....	Columbia River ESU—see 50 CFR 223.102.	T	64 FR 14508, 3/25/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, chum [Hood Canal summer-run ESU].	<i>Oncorhynchus keta</i> .....	Hood Canal summer-run ESU—see 50 CFR 223.102.	T	64 FR 14508, 3/25/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>

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Salmon, coho [Central California Coast ESU].	<i>Oncorhynchus kisutch</i> .....	Central California Coast ESU—see 50 CFR 224.101.	E	61 FR 56138, 10/31/1996; <sup>N</sup> 61 FR 59028, 11/20/1996; 70 FR 37160, 6/28/2005; <sup>N</sup> 77 FR 19552, 4/2/2012; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.210. <sup>CH</sup>
Salmon, coho [Lower Columbia River ESU].	<i>Oncorhynchus kisutch</i> .....	Lower Columbia River ESU—see 50 CFR 223.102.	T	70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, coho [Oregon Coast ESU].	<i>Oncorhynchus kisutch</i> .....	Oregon Coast ESU—see 50 CFR 223.102.	T	75 FR 29489, 5/26/2010; <sup>N</sup> 76 FR 20558, 4/13/2011; 76 FR 35755, 6/20/2011; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, coho [Southern Oregon–Northern California Coast ESU].	<i>Oncorhynchus kisutch</i> .....	Southern Oregon—Northern California Coast ESU—see 50 CFR 223.102.	T	62 FR 24588, 5/6/1997; <sup>N</sup> 62 FR 33038, 6/18/1997; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.210. <sup>CH</sup>
Salmon, sockeye [Ozette Lake ESU].	<i>Oncorhynchus nerka</i> .....	Ozette Lake ESU—see 50 CFR 223.102.	T	64 FR 14528, 3/25/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Salmon, sockeye [Snake River ESU].	<i>Oncorhynchus nerka</i> .....	Snake River ESU—see 50 CFR 224.101.	E	56 FR 58619, 11/20/1991; <sup>N</sup> 57 FR 212, 1/3/1992; 70 FR 37160, 6/28/2005; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.205. <sup>CH</sup>
Sawfish, dwarf .....	<i>Pristis clavata</i> .....	Wherever found ...	E	79 FR 73978, 12/12/2014; <sup>N</sup> 79 FR 3914, 1/26/2015.
Sawfish, green .....	<i>Pristis zijsron</i> .....	Wherever found ...	E	79 FR 73978, 12/12/2014; <sup>N</sup> 79 FR 3914, 1/26/2015.
Sawfish, largetooth .....	<i>Pristis pristis</i> (formerly <i>Pristis perotteti</i> , <i>Pristis pristis</i> , and <i>Pristis microdon</i> ).	Wherever found ...	E	76 FR 40822, 9/12/2011; <sup>N</sup> 79 FR 42687, 7/23/2014; 79 FR 73978, 12/12/2014; <sup>N</sup> 79 FR 3914, 1/26/2015.
Sawfish, narrow .....	<i>Anoxypristis cuspidata</i> .....	Wherever found ...	E	79 FR 73978, 12/12/2014; <sup>N</sup> 79 FR 3914, 1/26/2015.
Sawfish, smalltooth [Non-U.S. DPS].	<i>Pristis pectinata</i> .....	Non-U.S. DPS—Smalltooth sawfish originating from non-U.S. waters.	E	79 FR 73978, 12/12/2014; <sup>N</sup> 79 FR 3914, 1/26/2015.
Sawfish, smalltooth [U.S. DPS] ....	<i>Pristis pectinata</i> .....	U.S. DPS—Smalltooth sawfish originating from U.S. waters.	E	68 FR 15674, 4/1/2003; <sup>N</sup> 70 FR 69464, 11/16/2005; 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.218. <sup>CH</sup>
Sculpin, grotto .....	<i>Cottus specus</i> .....	Wherever found ...	E	78 FR 58938, 9/25/2013; 50 CFR 17.95(e). <sup>CH</sup>
Sculpin, pygmy .....	<i>Cottus pygmaeus</i> .....	Wherever found ...	T	54 FR 39846, 9/28/1989; 50 CFR 17.44(u). <sup>4d</sup>
Shark, daggernose .....	<i>Isogomphodon oxyrinchus</i>	Wherever found ...	E	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Shark, narrownose smoothhound	<i>Mustelus schmitti</i> .....	Wherever found ...	T	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Shark, oceanic whitetip .....	<i>Carcharhinus longimanus</i> ...	Wherever found ...	T	83 FR 4153, 1/30/2018; <sup>N</sup> 84 FR 13809, 4/8/2019.
Shark, scalloped hammerhead [Central & SW Atlantic DPS].	<i>Sphyrna lewini</i> .....	Central & SW Atlantic DPS—see 50 CFR 223.102.	T	79 FR 38214, 7/3/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.

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Shark, scalloped hammerhead [Eastern Atlantic DPS].	<i>Sphyrna lewini</i> .....	Eastern Atlantic DPS—see 50 CFR 224.101.	E	79 FR 38214, 7/3/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Shark, scalloped hammerhead [Eastern Pacific DPS].	<i>Sphyrna lewini</i> .....	Eastern Pacific DPS—see 50 CFR 224.101.	E	79 FR 38214, 7/3/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Shark, scalloped hammerhead [Indo-West Pacific DPS].	<i>Sphyrna lewini</i> .....	Indo-West Pacific DPS—see 50 CFR 223.102.	T	79 FR 38214, 7/3/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Shark, striped smoothhound .....	<i>Mustelus fasciatus</i> .....	Wherever found ...	E	82 FR 21722, 5/10/2017; <sup>N</sup> 84 FR 13809, 4/8/2019.
Shiner, Arkansas River [Arkansas River Basin DPS].	<i>Notropis girardi</i> .....	Arkansas River Basin (AR, KS, NM, OK, TX).	T	63 FR 64772, 11/23/1998; 50 CFR 17.95(e). <sup>CH</sup>
Shiner, beautiful .....	<i>Cyprinella formosa</i> .....	Wherever found ...	T	49 FR 34490, 8/31/1984; 50 CFR 17.44(h); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Shiner, blue .....	<i>Cyprinella caerulea</i> .....	Wherever found ...	T	57 FR 14786, 4/22/1992.
Shiner, Cahaba .....	<i>Notropis cahabae</i> .....	Wherever found ...	E	55 FR 42961, 10/25/1990.
Shiner, Cape Fear .....	<i>Notropis mekistocholas</i> .....	Wherever found ...	E	52 FR 36034, 9/25/1987; 50 CFR 17.95(e). <sup>CH</sup>
Shiner, palezone .....	<i>Notropis albizonatus</i> .....	Wherever found ...	E	58 FR 25758, 4/27/1993.
Shiner, Pecos bluntnose .....	<i>Notropis simus pecosensis</i>	Wherever found ...	T	52 FR 5295, 2/20/1987; 50 CFR 17.44(r); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Shiner, sharpnose .....	<i>Notropis oxyrhynchus</i> .....	Wherever found ...	E	79 FR 45273, 8/4/2014; 50 CFR 17.95(e). <sup>CH</sup>
Shiner, smalleye .....	<i>Notropis buccula</i> .....	Wherever found ...	E	79 FR 45273, 8/4/2014; 50 CFR 17.95(e). <sup>CH</sup>
Shiner, Topeka .....	<i>Notropis topeka</i> .....	Wherever found, except where listed as an experimental population.	E	63 FR 69008, 12/15/1998; 50 CFR 17.95(e). <sup>CH</sup>
Shiner, Topeka .....	<i>Notropis topeka</i> .....	U.S.A. (MO—specified portions of Little Creek, Big Muddy Creek, and Spring Creek watersheds in Adair, Gentry, Harrison, Putnam, Sullivan, and Worth Counties; see § 17.84(d)(1)(i)).	XN	78 FR 42702, 7/17/2013; 50 CFR 17.84(d). <sup>10j</sup>
Silverside, Waccamaw .....	<i>Menidia extensa</i> .....	Wherever found ...	T	52 FR 11277, 4/8/1987; 50 CFR 17.44(s); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Smelt, delta .....	<i>Hypomesus transpacificus</i> ..	Wherever found ...	T	58 FR 12854, 3/5/1993; 50 CFR 17.95(e). <sup>CH</sup>
Spikedace .....	<i>Meda fulgida</i> .....	Wherever found ...	E	51 FR 23769, 7/1/1986; 77 FR 10810, 2/23/2012; 50 CFR 17.95(e). <sup>CH</sup>
Spinedace, Big Spring .....	<i>Lepidomeda mollispinis pratensis</i> .	Wherever found ...	T	50 FR 12298, 3/28/1985; 50 CFR 17.44(i); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Spinedace, Little Colorado .....	<i>Lepidomeda vittata</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 35 FR 16047, 10/13/1970; 52 FR 35034, 9/16/1987; 50 CFR 17.44(t); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Spinedace, White River .....	<i>Lepidomeda albivallis</i> .....	Wherever found ...	E	50 FR 37194, 9/12/1985; 50 CFR 17.95(e). <sup>CH</sup>
Springfish, Hiko White River .....	<i>Crenichthys baileyi grandis</i>	Wherever found ...	E	50 FR 39123, 9/27/1985; 50 CFR 17.95(e). <sup>CH</sup>
Springfish, Railroad Valley .....	<i>Crenichthys nevadae</i> .....	Wherever found ...	T	51 FR 10857, 3/31/1986; 50 CFR 17.44(n); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Springfish, White River .....	<i>Crenichthys baileyi baileyi</i> ..	Wherever found ...	E	50 FR 39123, 9/27/1985; 50 CFR 17.95(e). <sup>CH</sup>

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Steelhead [California Central Valley DPS].	<i>Oncorhynchus mykiss</i> .....	California Central Valley DPS—see 50 CFR 223.102.	T	63 FR 13347, 3/19/1998; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Steelhead [Central California Coast DPS].	<i>Oncorhynchus mykiss</i> .....	Central California Coast DPS—see 50 CFR 223.102.	T	62 FR 43937, 8/18/1997; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Steelhead [Lower Columbia River DPS].	<i>Oncorhynchus mykiss</i> .....	Lower Columbia River DPS—see 50 CFR 223.102.	T	63 FR 13347, 3/19/1998; <sup>N</sup> 63 FR 32996, 6/17/1998; 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Steelhead [Middle Columbia River DPS].	<i>Oncorhynchus mykiss</i> .....	Middle Columbia River DPS—see 50 CFR 223.102.	T	64 FR 14517, 3/25/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Steelhead [Middle Columbia River DPS—XN].	<i>Oncorhynchus mykiss</i> .....	Middle Columbia River DPS—XN—see 50 CFR 223.102.	XN	78 FR 2893, 1/15/2013; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 223.301. <sup>10i</sup>
Steelhead [Northern California DPS].	<i>Oncorhynchus mykiss</i> .....	Northern California DPS—see 50 CFR 223.102.	T	65 FR 36075, 6/7/2000; <sup>N</sup> 65 FR 54177, 9/7/2000; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Steelhead [Puget Sound DPS] .....	<i>Oncorhynchus mykiss</i> .....	Puget Sound DPS—see 50 CFR 223.102.	T	72 FR 26722, 5/11/2007; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Steelhead [Snake River Basin DPS].	<i>Oncorhynchus mykiss</i> .....	Snake River Basin DPS—see 50 CFR 223.102.	T	62 FR 43937, 8/18/1997; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Steelhead [South Central California Coast DPS].	<i>Oncorhynchus mykiss</i> .....	South-Central California Coast DPS—see 50 CFR 223.102.	T	62 FR 43937, 8/18/1997; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.211. <sup>CH</sup>
Steelhead [Southern California DPS].	<i>Oncorhynchus mykiss</i> .....	Southern California DPS—see 50 CFR 224.101.	E	62 FR 43937, 8/18/1997; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.211. <sup>CH</sup>
Steelhead [Upper Columbia River DPS].	<i>Oncorhynchus mykiss</i> .....	Upper Columbia River DPS—see 50 CFR 223.102.	T	62 FR 43937, 8/18/1997; <sup>N</sup> 63 FR 32996, 6/17/1998; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>

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Steelhead [Upper Willamette River DPS].	<i>Oncorhynchus mykiss</i> .....	Upper Willamette River DPS—see 50 CFR 223.102.	T	64 FR 14517, 3/25/1999; <sup>N</sup> 64 FR 41835, 8/2/1999; 71 FR 834, 1/5/2006; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.203; <sup>4d</sup> 50 CFR 226.212. <sup>CH</sup>
Stickleback, threespine.	<i>Gasterosteus aculeatus williamsoni</i> .	Wherever found ...	E	35 FR 16047, 10/13/1970.
Sturgeon, Adriatic .....	<i>Acipenser naccarii</i> .....	Wherever found ...	E	79 FR 31222, 6/2/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Sturgeon, Alabama .....	<i>Scaphirhynchus suttkusi</i> .....	Wherever found ...	E	65 FR 26438, 5/5/2000; 50 CFR 17.95(e). <sup>CH</sup>
Sturgeon, Atlantic (Atlantic subspecies) [Carolina DPS].	<i>Acipenser oxyrinchus oxyrinchus</i> .	Carolina DPS—see 50 CFR 224.101.	E	77 FR 5914, 2/6/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.225. <sup>CH</sup>
Sturgeon, Atlantic (Atlantic subspecies) [Chesapeake Bay DPS].	<i>Acipenser oxyrinchus oxyrinchus</i> .	Chesapeake Bay DPS—see 50 CFR 224.101.	E	77 FR 5880, 2/6/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.225. <sup>CH</sup>
Sturgeon, Atlantic (Atlantic subspecies) [Gulf of Maine DPS].	<i>Acipenser oxyrinchus oxyrinchus</i> .	Gulf of Maine DPS—see 50 CFR 223.102.	T	77 FR 5880, 2/6/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 223.211; <sup>4d</sup> 50 CFR 226.225. <sup>CH</sup>
Sturgeon, Atlantic (Atlantic subspecies) [New York Bight DPS].	<i>Acipenser oxyrinchus oxyrinchus</i> .	New York Bight DPS—see 50 CFR 224.101.	E	77 FR 5880, 2/6/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.225. <sup>CH</sup>
Sturgeon, Atlantic (Atlantic subspecies) [South Atlantic DPS].	<i>Acipenser oxyrinchus oxyrinchus</i> .	South Atlantic DPS—see 50 CFR 224.101.	E	77 FR 5914, 2/6/2012; <sup>N</sup> 79 FR 42687, 7/23/2014; 50 CFR 226.225. <sup>CH</sup>
Sturgeon, Atlantic (Gulf subspecies).	<i>Acipenser oxyrinchus desotoi</i> .	Wherever found ...	T	56 FR 49653, 9/30/1991; <sup>N</sup> 56 FR 49658, 9/30/1991; 50 CFR 17.44; <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup> 50 CFR 226.214. <sup>CH</sup>
Sturgeon, beluga .....	<i>Huso huso</i> .....	Wherever found ...	T	69 FR 18499, 4/8/2004; 50 CFR 17.44(y). <sup>4d</sup>
Sturgeon, Chinese .....	<i>Acipenser sinensis</i> .....	Wherever found ...	E	79 FR 31222, 6/2/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Sturgeon, European .....	<i>Acipenser sturio</i> .....	Wherever found ...	E	79 FR 31222, 6/2/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Sturgeon, green [Southern DPS]	<i>Acipenser medirostris</i> .....	Southern DPS—see 50 CFR 223.102.	T	71 FR 26835, 5/9/2006; 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 223.210; <sup>4d</sup> 50 CFR 226.219. <sup>CH</sup>
Sturgeon, Kaluga .....	<i>Huso dauricus</i> .....	Wherever found ...	E	79 FR 31222, 6/2/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Sturgeon, pallid .....	<i>Scaphirhynchus albus</i> .....	Wherever found ...	E	55 FR 36641, 9/6/1990.
Sturgeon, Sakhalin .....	<i>Acipenser mikadoi</i> .....	Wherever found ...	E	79 FR 31222, 6/2/2014; <sup>N</sup> 79 FR 52576, 9/4/2014.
Sturgeon, shortnose .....	<i>Acipenser brevirostrum</i> .....	Wherever found ...	E	32 FR 4001, 3/11/1967.
Sturgeon, shovelnose .....	<i>Scaphirhynchus platyrhynchus</i> .	Wherever found ...	T (S/A)	75 FR 53598, 9/1/2010; 50 CFR 17.44(aa). <sup>4d</sup>
Sturgeon, white [Kootenai River DPS].	<i>Acipenser transmontanus</i> ...	Kootenai River DPS—U.S.A. (ID, MT), Canada (BC), (Kootenai R. system).	E	59 FR 45989, 9/6/1994; 50 CFR 17.95(e). <sup>CH</sup>
Sturgeon, Yangtze .....	<i>Acipenser dabryanus</i> .....	Wherever found ...	E	86 FR 21950, 4/26/2021.
Sucker, June .....	<i>Chasmistes liorus</i> .....	Wherever found ...	T	51 FR 10851, 3/31/1986; 86 FR 192, 1/4/2021; 50 CFR 17.44(cc). <sup>4d</sup> ; 50 CFR 17.95(e). <sup>CH</sup>
Sucker, Lost River .....	<i>Deltistes luxatus</i> .....	Wherever found ...	E	53 FR 27130, 7/18/1988; 50 CFR 17.95(e). <sup>CH</sup>
Sucker, razorback .....	<i>Xyrauchen texanus</i> .....	Wherever found ...	E	56 FR 54957, 10/23/1991; 50 CFR 17.95(e). <sup>CH</sup>
Sucker, Santa Ana [Three CA river basins DPS].	<i>Catostomus santaanae</i> .....	Los Angeles River basin, San Gabriel River basin, Santa Ana River basin.	T	65 FR 19686, 4/12/2000; 50 CFR 17.95(e). <sup>CH</sup>

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Sucker, shortnose .....	<i>Chasmistes brevirostris</i> .....	Wherever found ...	E	53 FR 27130, 7/18/1988; 50 CFR 17.95(e). <sup>CH</sup>
Sucker, Warner .....	<i>Catostomus warnerensis</i> ....	Wherever found ...	T	50 FR 39117, 9/27/1985; 50 CFR 17.44(l); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Sucker, Zuni bluehead .....	<i>Catostomus discobolus yarrowi</i> .	Wherever found ...	E	79 FR 43131, 7/24/2014; 50 CFR 17.95(e). <sup>CH</sup>
Sunfish, spring pygmy .....	<i>Elassoma alabamae</i> .....	Wherever found ...	T	78 FR 60766, 10/2/2013; 50 CFR 17.95(e). <sup>CH</sup>
Tango, Miyako (Tokyo bitterling) ..	<i>Tanakia tanago</i> .....	Wherever found ...	E	35 FR 8491, 6/2/1970.
Temoleh, Ikan (minnow) .....	<i>Probarbus jullieni</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Topminnow, Barrens .....	<i>Fundulus julisia</i> .....	Wherever found ...	E	83 FR 56131, 10/21/2019.
Topminnow, Gila (incl. Yaqui) .....	<i>Poeciliopsis occidentalis</i> .....	U.S.A. only .....	E	32 FR 4001, 3/11/1967.
Totoaba (seatrout or weakfish) ....	<i>Cynoscion macdonaldi</i> .....	Wherever found ...	E	44 FR 29478, 5/21/1979.
Trout, Apache .....	<i>Oncorhynchus apache</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 40 FR 29863, 7/16/1975; 50 CFR 17.44(a). <sup>4d</sup>
Trout, bull [Lower 48 States DPS]	<i>Salvelinus confluentus</i> .....	U.S.A., coterminous (lower 48 states), except where listed as an experimental population.	T	63 FR 31647, 6/10/1998; 63 FR 42757, 8/11/1998; 64 FR 17110, 4/8/1999; 64 FR 58910, 11/1/1999; 50 CFR 17.44(w); <sup>4d</sup> 50 CFR 17.44(x); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Trout, bull .....	<i>Salvelinus confluentus</i> .....	Clackamas River subbasin and the mainstem Willamette River, from Willamette Falls to its points of confluence with the Columbia River, including Multnomah Channel.	XN	76 FR 35979, 6/21/2011; 50 CFR 17.84(v). <sup>10j</sup>
Trout, Gila .....	<i>Oncorhynchus gilae</i> .....	Wherever found ...	T	32 FR 4001, 3/11/1967; 71 FR 40657, 7/18/2006; 50 CFR 17.44(z). <sup>4d</sup>
Trout, greenback cutthroat .....	<i>Oncorhynchus clarkii stomias</i> .	Wherever found ...	T	32 FR 4001, 3/11/1967; 43 FR 16343, 4/18/1978; 50 CFR 17.44(f). <sup>4d</sup>
Trout, Lahontan cutthroat .....	<i>Oncorhynchus clarkii henshawi</i> .	Wherever found ...	T	35 FR 16047, 10/13/1970; 40 FR 29863, 7/16/1975; 50 CFR 17.44(a). <sup>4d</sup>
Trout, Little Kern golden .....	<i>Oncorhynchus aguabonita whitei</i> .	Wherever found ...	T	43 FR 15427, 4/13/1978; 50 CFR 17.44(e); <sup>4d</sup> 50 CFR 17.95(e). <sup>CH</sup>
Trout, Paiute cutthroat .....	<i>Oncorhynchus clarkii seleniris</i> .	Wherever found ...	T	32 FR 4001, 3/11/1967; 40 FR 29863, 7/16/1975; 50 CFR 17.44(a). <sup>4d</sup>
Woundfin .....	<i>Plagopterus argentissimus</i> ..	Wherever found, except where listed as an experimental population.	E	35 FR 16047, 10/13/1970; 50 FR 30188, 7/24/1985; 50 CFR 17.95(e). <sup>CH</sup>
Woundfin .....	<i>Plagopterus argentissimus</i> ..	Gila R. drainage, AZ, NM.	XN	50 FR 30188, 7/24/1985; 50 CFR 17.84(b). <sup>10j</sup>

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Acornshell, southern .....	<i>Epioblasma othcaloogensis</i>	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Bankclimber, purple .....	<i>Elliotopeus sloatianus</i> .....	Wherever found ...	T	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Bean, Choctaw .....	<i>Obovaria choctawensis</i> .....	Wherever found ...	E	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Bean, Cumberland .....	<i>Villosa trabalis</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.

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Bean, Cumberland .....	<i>Villosa trabalis</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Bean, Cumberland .....	<i>Villosa trabalis</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Bean, Purple .....	<i>Villosa perpurpurea</i> .....	Wherever found ...	E	62 FR 1647, 1/10/1997; 50 CFR 17.95(f). <sup>CH</sup>
Blossom, green .....	<i>Epioblasma torulosa gubernaculum</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Blossom, tubercled .....	<i>Epioblasma torulosa torulosa</i> .	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Blossom, tubercled .....	<i>Epioblasma torulosa torulosa</i> .	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Blossom, turgid .....	<i>Epioblasma turgidula</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Blossom, turgid .....	<i>Epioblasma turgidula</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Blossom, yellow .....	<i>Epioblasma florentina florentina</i> .	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Blossom, yellow .....	<i>Epioblasma florentina florentina</i> .	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Clubshell .....	<i>Pleurobema clava</i> .....	Wherever found, except where listed as an experimental population.	E	58 FR 5638, 1/22/1993.
Clubshell .....	<i>Pleurobema clava</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Clubshell, black .....	<i>Pleurobema curtum</i> .....	Wherever found ...	E	52 FR 11162, 4/7/1987.
Clubshell, Canoe Creek .....	<i>Pleurobema thearni</i> .....	Wherever found ...	E	87 FR 40115, July 6, 2022; 50 CFR 17.95(f). <sup>CH</sup>
Clubshell, ovate .....	<i>Pleurobema perovatum</i> .....	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Clubshell, southern .....	<i>Pleurobema decisum</i> .....	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Combshell, Cumberlandian .....	<i>Epioblasma brevidens</i> .....	Wherever found, except where listed as an experimental population.	E	62 FR 1647, 1/10/1997; 50 CFR 17.95(f). <sup>CH</sup>
Combshell, Cumberlandian .....	<i>Epioblasma brevidens</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>

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Combshell, Cumberlandian .....	<i>Epioblasma brevidens</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Combshell, southern .....	<i>Epioblasma (=Dysnomia) penita</i> .	Wherever found ...	E	52 FR 11162, 4/7/1987.
Combshell, upland .....	<i>Epioblasma metastriata</i> .....	Wherever found ...	E	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Ebonys shell, round .....	<i>Reginaia rotulata</i> .....	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Elktoe, Appalachian .....	<i>Alasmidonta raveneliana</i> .....	Wherever found ...	E	59 FR 60324, 11/23/1994; 50 CFR 17.95(f). <sup>CH</sup>
Elktoe, Cumberland .....	<i>Alasmidonta atropurpurea</i> .....	Wherever found ...	E	62 FR 1647, 1/10/1997; 50 CFR 17.95(f). <sup>CH</sup>
Fanshell .....	<i>Cyprogenia stegaria</i> .....	Wherever found, except where listed as an experimental population.	E	55 FR 25591, 6/21/1990.
Fanshell .....	<i>Cyprogenia stegaria</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Fanshell, “Ouachita” .....	<i>Cyprogenia cf. aberti</i> .....	Wherever found ...	T	88 FR 41724, June 27, 2023; 50 CFR 17.45(f); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Fanshell, western .....	<i>Cyprogenia aberti</i> .....	Wherever found ...	T	88 FR 41724, June 27, 2023; 50 CFR 17.45(f); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Fatmucket, Arkansas .....	<i>Lampsilis powelli</i> .....	Wherever found ...	T	55 FR 12797, 4/5/1990.
Heelsplitter, inflated .....	<i>Potamilus inflatus</i> .....	Wherever found ...	T	55 FR 39868, 9/28/1990.
Heelsplitter, Carolina .....	<i>Lasmigona decorata</i> .....	Wherever found ...	E	58 FR 34926, 6/30/1993; 50 CFR 17.95(f). <sup>CH</sup>
Higgins eye (pearly mussel) .....	<i>Lampsilis higginsii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Hickorynut, round .....	<i>Obovaria subrotunda</i> .....	Wherever found ...	T	88 FR 14794, March 9, 2023; 50 CFR 17.45(d); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Hornshell, Texas .....	<i>Popenaias popeii</i> .....	Wherever found ...	E	83 FR 5720, 2/9/2018.
Kidneyshell, fluted .....	<i>Ptychobranthus subtentus</i> .....	Wherever found ...	E	78 FR 59269, 9/26/2013; 50 CFR 17.95(f). <sup>CH</sup>
Kidneyshell, southern .....	<i>Ptychobranthus jonesi</i> .....	Wherever found ...	E	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Kidneyshell, triangular .....	<i>Ptychobranthus greenii</i> .....	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Lampmussel, Alabama .....	<i>Lampsilis virescens</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Lampmussel, Alabama .....	<i>Lampsilis virescens</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Lance, yellow .....	<i>Elliptio lanceolata</i> .....	Wherever found ...	T	83 FR 14189, 4/3/2018; 50 CFR 17.95(f). <sup>CH</sup>
Lilliput, pale .....	<i>Toxolasma cylindrellus</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Longsolid .....	<i>Fusconaia subrotunda</i> .....	Wherever found ...	T	88 FR 14794, March 9, 2023; 50 CFR 17.45(d); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Mapleleaf, winged (mussel) .....	<i>Quadrula fragosa</i> .....	Wherever found, except where listed as an experimental population.	E	56 FR 28345, 6/20/1991.

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Mapleleaf, winged (mussel) .....	<i>Quadrula fragosa</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Moccasinshell, Alabama .....	<i>Medionidus acutissimus</i> .....	Wherever found ...	T	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Moccasinshell, Coosa .....	<i>Medionidus parvulus</i> .....	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Moccasinshell, Gulf .....	<i>Medionidus penicillatus</i> .....	Wherever found ...	E	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Moccasinshell, Ochlockonee .....	<i>Medionidus simpsonianus</i> ...	Wherever found ...	E	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Moccasinshell, Suwannee .....	<i>Medionidus walkeri</i> .....	Wherever found ...	T	81 FR 69417, 10/6/2016; 50 CFR 17.95(f). <sup>CH</sup>
Monkeyface, Appalachian (pearlymussel).	<i>Theliderma sparsa</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Monkeyface, Appalachian (pearlymussel).	<i>Theliderma sparsa</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Monkeyface, Cumberland .....	<i>Theliderma intermedia</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Monkeyface, Cumberland .....	<i>Theliderma intermedia</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Monkeyface, Cumberland .....	<i>Theliderma intermedia</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Mucket, Neosho .....	<i>Lampsilis rafinesqueana</i> ....	Wherever found ...	E	78 FR 57076, 9/17/2013; 50 CFR 17.95(f). <sup>CH</sup>
Mucket, orangenacre .....	<i>Hamiota perovalis</i> .....	Wherever found ...	T	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Mucket, pink (pearlymussel) .....	<i>Lampsilis abrupta</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Mussel, oyster .....	<i>Epioblasma capsaeformis</i> ...	Wherever found, except where listed as an experimental population.	E	62 FR 1647, 1/10/1997; 50 CFR 17.95(f). <sup>CH</sup>
Mussel, oyster .....	<i>Epioblasma capsaeformis</i> ...	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Mussel, oyster .....	<i>Epioblasma capsaeformis</i> ...	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Mussel, rayed bean .....	<i>Villosa fabalis</i> .....	Wherever found ...	E	77 FR 8632, 2/14/2012.
Mussel, scaleshell .....	<i>Leptodea leptodon</i> .....	Wherever found ...	E	66 FR 51322, 10/9/2001.
Pearlshell, Alabama .....	<i>Margaritifera marrianae</i> .....	Wherever found ...	E	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Pearlshell, Louisiana .....	<i>Margaritifera hembeli</i> .....	Wherever found ...	T	53 FR 3567, 2/5/1988; 58 FR 49935, 9/24/1993.

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Pearlymussel, birdwing .....	<i>Lemiox rimosus</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Pearlymussel, birdwing .....	<i>Lemiox rimosus</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Pearlymussel, birdwing .....	<i>Lemiox rimosus</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Pearlymussel, cracking .....	<i>Hemistena lata</i> .....	Wherever found, except where listed as an experimental population.	E	54 FR 39850, 9/28/1989.
Pearlymussel, cracking .....	<i>Hemistena lata</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Pearlymussel, cracking .....	<i>Hemistena lata</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Pearlymussel, Curtis .....	<i>Epioblasma curtisii</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pearlymussel, dromedary .....	<i>Dromus dromas</i> .....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Pearlymussel, dromedary .....	<i>Dromus dromas</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Pearlymussel, dromedary .....	<i>Dromus dromas</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Pearlymussel, littlewing .....	<i>Pegias fabula</i> .....	Wherever found ...	E	53 FR 45861, 11/14/1988.
Pearlymussel, Nicklin's .....	<i>Megaloniaias nicklineana</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pearlymussel, purple cat's paw ...	<i>Epioblasma obliquata</i> .....	Wherever found, except where listed as an experimental population.	E	55 FR 28209, 7/10/1990.
Pearlymussel, purple cat's paw ...	<i>Epioblasma obliquata</i> .....	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Pearlymussel, slabside .....	<i>Pleuroaia dolabelloides</i> .....	Wherever found ...	E	78 FR 59269, 9/26/2013; 50 CFR 17.95(f). <sup>CH</sup>
Pearlymussel, Tampico .....	<i>Cyrtonaias tampicoensis tecomatensis</i> .	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pearlymussel, white cat's paw ...	<i>Epioblasma perobliqua</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pigtoe, Atlantic .....	<i>Fusconaia masoni</i> .....	Wherever found ...	T	86 FR 64000, November 16, 2021; 50 CFR 17.45(a); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, Cumberland .....	<i>Pleuroaia gibber</i> .....	Wherever found ...	E	56 FR 21084, 5/7/1991.

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Pigtoe, dark	<i>Pleurobema furvum</i>	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, finerayed	<i>Fusconaia cuneolus</i>	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Pigtoe, finerayed	<i>Fusconaia cuneolus</i>	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>1Q</sup>
Pigtoe, finerayed	<i>Fusconaia cuneolus</i>	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>1Q</sup>
Pigtoe, flat	<i>Pleurobema marshalli</i>	Wherever found ...	E	52 FR 11162, 4/7/1987.
Pigtoe, fuzzy	<i>Pleurobema strodeanum</i>	Wherever found ...	T	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, Georgia	<i>Pleurobema hanleyianum</i>	Wherever found ...	E	75 FR 67512, 11/2/2010; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, heavy	<i>Pleurobema taitianum</i>	Wherever found ...	E	52 FR 11162, 4/7/1987.
Pigtoe, narrow	<i>Fusconaia escambia</i>	Wherever found ...	T	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, oval	<i>Pleurobema pyriforme</i>	Wherever found ...	E	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, rough	<i>Pleurobema plenum</i>	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Pigtoe, rough	<i>Pleurobema plenum</i>	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>1Q</sup>
Pigtoe, shiny	<i>Fusconaia cor</i>	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Pigtoe, shiny	<i>Fusconaia cor</i>	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>1Q</sup>
Pigtoe, shiny	<i>Fusconaia cor</i>	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>1Q</sup>
Pigtoe, southern	<i>Pleurobema georgianum</i>	Wherever found ...	E	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Pigtoe, tapered	<i>Fusconaia burkei</i>	Wherever found ...	T	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Pimpleback, orangefoot	<i>Plethobasus cooperianus</i>	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.

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Pimpleback, orangefoot .....	<i>Plethobasus cooperianus</i> ....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>101</sup>
Pink, ring .....	<i>Obovaria retusa</i> .....	Wherever found, except where listed as an experimental population.	E	54 FR 40109, 9/29/1989.
Pink, ring .....	<i>Obovaria retusa</i> .....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>101</sup>
Pocketbook, fat .....	<i>Potamilus capax</i> .....	Wherever found ...	E	41 FR 24062, 6/14/1976.
Pocketbook, finelined .....	<i>Hamiota altilis</i> .....	Wherever found ...	T	58 FR 14330, 3/17/1993; 50 CFR 17.95(f). <sup>CH</sup>
Rock pocketbook, Ouachita .....	<i>Arcidens wheeleri</i> .....	Wherever found ...	E	56 FR 54950, 10/23/1991.
Pocketbook, shinyrayed .....	<i>Hamiota subangulata</i> .....	Wherever found ...	E	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Pocketbook, speckled .....	<i>Lampsilis streckeri</i> .....	Wherever found ...	E	54 FR 8339, 2/28/1989.
Rabbitsfoot .....	<i>Quadrula cylindrica cylindrica</i> .	Wherever found ...	T	78 FR 57076, 9/17/2013; 50 CFR 17.95(f). <sup>CH</sup>
Rabbitsfoot, rough .....	<i>Quadrula cylindrica strigillata</i> .	Wherever found ...	E	62 FR 1647, 1/10/1997; 50 CFR 17.95(f). <sup>CH</sup>
Riffleshell, northern .....	<i>Epioblasma rangiana</i> .....	Wherever found ...	E	58 FR 5638, 1/22/1993.
Riffleshell, tan .....	<i>Epioblasma florentina walkeri</i> (=E. walkeri).	Wherever found ...	E	42 FR 42351, 8/23/1977.
Sandshell, southern .....	<i>Hamiota australis</i> .....	Wherever found ...	T	77 FR 61663, 10/10/2012; 50 CFR 17.95(f). <sup>CH</sup>
Sheepnose .....	<i>Plethobasus cyphus</i> .....	Wherever found ...	E	77 FR 14914, 3/13/2012.
Slabshell, Chipola .....	<i>Elliptio chipolaensis</i> .....	Wherever found ...	T	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Snuffbox (mussel) .....	<i>Epioblasma triquetra</i> .....	Wherever found ...	E	77 FR 8632, 2/14/2012.
Spectaclecase .....	<i>Cumberlandia monodonta</i> ...	Wherever found ...	E	77 FR 14914, 3/13/2012.
Spiny mussel, Altamaha .....	<i>Elliptio spinosa</i> .....	Wherever found ...	E	76 FR 62928, 10/11/2011; 50 CFR 17.95(f). <sup>CH</sup>
Spiny mussel, James .....	<i>Parvaspina collina</i> .....	Wherever found ...	E	53 FR 27689, 7/22/1988.
Spiny mussel, Tar River .....	<i>Parvaspina steinstansana</i> ...	Wherever found ...	E	50 FR 26572, 6/27/1985.
Stirrupshell .....	<i>Quadrula stapes</i> .....	Wherever found ...	E	52 FR 11162, 4/7/1987.
Threeridge, fat .....	<i>Amblema neislerii</i> .....	Wherever found ...	E	63 FR 12664, 3/16/1998; 50 CFR 17.95(f). <sup>CH</sup>
Wartyback, white .....	<i>Plethobasus cicatricosus</i> ....	Wherever found, except where listed as an experimental population.	E	41 FR 24062, 6/14/1976.
Wartyback, white .....	<i>Plethobasus cicatricosus</i> ....	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>101</sup>
Wedgemussel, dwarf .....	<i>Alasmidonta heterodon</i> .....	Wherever found ...	E	55 FR 9447, 3/14/1990.

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Abalone, Black .....	<i>Haliotis cracherodii</i> .....	Wherever found ...	E	74 FR 1937, 1/14/2009; <sup>N</sup> 76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 50 CFR 226.221. <sup>CH</sup>
Abalone, white .....	<i>Haliotis sorenseni</i> .....	Wherever found ...	E	66 FR 29054, 5/29/2001; <sup>N</sup> 70 FR 69464, 11/16/2005.
Campeloma, slender .....	<i>Campeloma decampi</i> .....	Wherever found ...	E	65 FR 10033, 2/25/2000.
Cavesnail, Tumbling Creek .....	<i>Antrobia culveri</i> .....	Wherever found ...	E	67 FR 52879, 8/14/2002; 50 CFR 17.95(f). <sup>CH</sup>
Elimia, lacy .....	<i>Elimia crenatella</i> .....	Wherever found ...	T	63 FR 57610, 10/28/1998.

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Hornsnail, rough	<i>Pleurocera foremani</i>	Wherever found	E	75 FR 67512, 11/2/2010; 50 CFR 17.95(f). <sup>CH</sup>
Limpet, Banbury Springs	<i>Idaholanx fresti</i>	Wherever found	E	57 FR 59244, 12/14/1992.
Lioplax, cylindrical	<i>Lioplax cyclostomaformis</i>	Wherever found	E	63 FR 57610, 10/28/1998.
Marstonia, armored (snail)	<i>Marstonia pachyta</i>	Wherever found	E	65 FR 10033, 2/25/2000.
Marstonia, royal	<i>Marstonia ogmorhapha</i>	Wherever found	E	59 FR 17994, 4/15/1994.
Pebblesnail, flat	<i>Lepyrium showalteri</i>	Wherever found	E	63 FR 57610, 10/28/1998.
Pecos assimineae	<i>Assimineae pecos</i>	Wherever found	E	76 FR 33036, 6/7/2011; 50 CFR 17.95(f). <sup>CH</sup>
Ramshorn, magnificent	<i>Planorbella magnifica</i>	Wherever found	E	88 FR 56471, 8/18/2023; 50 CFR 17.95(f). <sup>CH</sup>
Riversnail, Anthony's	<i>Athearnia anthonyi</i>	Wherever found, except where listed as an experimental population.	E	59 FR 17994, 4/15/1994.
Riversnail, Anthony's	<i>Athearnia anthonyi</i>	U.S.A. (AL—specified portions of the Tennessee River; see § 17.85(a)(1)).	XN	66 FR 32250, 6/14/2001; 50 CFR 17.85(a). <sup>10j</sup>
Riversnail, Anthony's	<i>Athearnia anthonyi</i>	U.S.A. (TN—specified portions of the French Broad and Holston Rivers; see § 17.85(b)(1)).	XN	72 FR 52434, 9/13/2007; 50 CFR 17.85(b). <sup>10j</sup>
Rocksnailed, interrupted	<i>Leptoxis foremani</i>	Wherever found	E	75 FR 67512, 11/2/2010; 50 CFR 17.95(f). <sup>CH</sup>
Rocksnailed, painted	<i>Leptoxis taeniata</i>	Wherever found	T	63 FR 57610, 10/28/1998.
Rocksnailed, plicate	<i>Leptoxis plicata</i>	Wherever found	E	63 FR 57610, 10/28/1998.
Rocksnailed, round	<i>Leptoxis ampla</i>	Wherever found	T	63 FR 57610, 10/28/1998.
Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i>	Wherever found	T	57 FR 59244, 12/14/1992.
Snail, Chittanooga ovate amber	<i>Novisuccinea chittengoensis</i>	Wherever found	T	43 FR 28932, 7/3/1978.
Snail, flat-spined three-toothed	<i>Triodopsis platysayoides</i>	Wherever found	T	43 FR 28932, 7/3/1978.
Snail, fragile tree (Akaleha dogas, Denden).	<i>Samoana fragilis</i>	Wherever found	E	80 FR 59423, 10/1/2015.
Snail, Guam tree (Akaleha, Denden).	<i>Partula radiolata</i>	Wherever found	E	80 FR 59423, 10/1/2015.
Snail, humped tree (Akaleha, Denden).	<i>Partula gibba</i>	Wherever found	E	80 FR 59423, 10/1/2015.
Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	Wherever found	E	43 FR 28932, 7/3/1978.
Snail, Lanai tree	<i>Partulina semicarinata</i>	Wherever found	E	78 FR 32013, 5/28/2013.
Snail, Lanai tree	<i>Partulina variabilis</i>	Wherever found	E	78 FR 32013, 5/28/2013.
Snail, Langford's tree (Akaleha, Denden).	<i>Partula langfordi</i>	Wherever found	E	80 FR 59423, 10/1/2015.
Snail, Manus Island tree	<i>Papustyla pulcherrima</i>	Wherever found	E	35 FR 8491, 6/2/1970.
Snail, Morro shoulderband	<i>Helmin thoglypta walkeriana</i>	Wherever found	T	59 FR 64613, 12/15/1994; 87 FR 6063, 2/3/2022; 50 CFR 17.45(b); <sup>4d</sup> 50 CFR 17.95(f). <sup>CH</sup>
Snail, Newcomb's	<i>Erinna newcombi</i>	Wherever found	T	65 FR 4162, 1/26/2000; 50 CFR 17.95(f). <sup>CH</sup>
Snail, Newcomb's tree	<i>Newcombia cumingi</i>	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.95(f). <sup>CH</sup>
Snail [no common name]	<i>Eua zebrina</i>	Wherever found	E	81 FR 65466, 9/22/2016.
Snail [no common name]	<i>Ostodes strigatus</i>	Wherever found	E	81 FR 65466, 9/22/2016.
Snail, noonday	<i>Mesodon clarki nantahala</i>	Wherever found	T	43 FR 28932, 7/3/1978.
Snail, painted snake coiled forest	<i>Anguispira picta</i>	Wherever found	T	43 FR 28932, 7/3/1978.
Snail, Snake River physa	<i>Physella natricina</i>	Wherever found	E	57 FR 59244, 12/14/1992.
Snail, Stock Island tree	<i>Orthalicus reses</i> (not incl. <i>nesodryas</i> ).	Wherever found	T	43 FR 28932, 7/3/1978.
Snail, tulotoma	<i>Tulotoma magnifica</i>	Wherever found	T	56 FR 797, 1/9/1991; 76 FR 31866, 6/2/2011.
Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	Wherever found	E	43 FR 28932, 7/3/1978.
Snails, Oahu tree	<i>Achatinella</i> spp.	Wherever found	E	46 FR 3178, 1/13/1981; 46 FR 40025, 8/6/1981.
Springsnail, Alamosa	<i>Tryonia alamosae</i>	Wherever found	E	56 FR 49646, 9/30/1991.
Springsnail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	Wherever found	E	58 FR 5938, 1/25/1993.
Springsnail, Chupadera	<i>Pyrgulopsis chupaderae</i>	Wherever found	E	77 FR 41088, 7/12/2012; 50 CFR 17.95(f). <sup>CH</sup>

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Springsnail, Koster's .....	<i>Juturnia kosteri</i> .....	Wherever found ...	E	76 FR 33036, 6/7/2011; 50 CFR 17.95(f). <sup>CH</sup>
Springsnail, Phantom .....	<i>Pyrgulopsis texana</i> .....	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(f). <sup>CH</sup>
Springsnail, Roswell .....	<i>Pyrgulopsis roswellensis</i> .....	Wherever found ...	E	76 FR 33036, 6/7/2011; 50 CFR 17.95(f). <sup>CH</sup>
Springsnail, San Bernardino .....	<i>Pyrgulopsis bernardina</i> .....	Wherever found ...	T	77 FR 23060, 4/17/2012; 50 CFR 17.95(f). <sup>CH</sup>
Springsnail, Socorro .....	<i>Pyrgulopsis neomexicana</i> ...	Wherever found ...	E	56 FR 49646, 9/30/1991.
Springsnail, Three Forks .....	<i>Pyrgulopsis trivialis</i> .....	Wherever found ...	E	77 FR 23060, 4/17/2012; 50 CFR 17.95(f). <sup>CH</sup>
Tryonia, Diamond .....	<i>Pseudotryonia adamantina</i>	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(f). <sup>CH</sup>
Tryonia, Gonzales .....	<i>Tryonia circumstriata</i> .....	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(f). <sup>CH</sup>
Tryonia, Phantom .....	<i>Tryonia cheatumi</i> .....	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(f). <sup>CH</sup>

INSECTS

Bee, bumble, Franklin's .....	<i>Bombus franklini</i> .....	Wherever found ...	E	85 FR 47221, 8/24/2021.
Bee, bumble, rusty patched .....	<i>Bombus affinis</i> .....	Wherever found ...	E	82 FR 3186, 1/11/2017.
Bee, yellow-faced .....	<i>Hylaeus anthracinus</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus assimulans</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus facilis</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus hiliaris</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus kuakea</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus longiceps</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Bee, yellow-faced .....	<i>Hylaeus mana</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Beetle, American burying .....	<i>Nicrophorus americanus</i> .....	Wherever found, except where listed as an experimental population.	T	54 FR 29652, 7/13/1989; 85 FR 65241, 10/15/2020; 50 CFR 17.47(d). <sup>4d</sup>
Beetle, American burying .....	<i>Nicrophorus americanus</i> .....	In southwestern Missouri, the counties of Cedar, St. Clair, Bates, and Vernon.	XN	77 FR 16712, 3/22/2012; 50 CFR 17.85(c). <sup>19j</sup>
Beetle, Casey's June .....	<i>Dinacoma caseyi</i> .....	Wherever found ...	E	76 FR 58954, 9/22/2011; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Coffin Cave mold .....	<i>Batrissodes texanus</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988; 58 FR 43818, 8/18/1993.
Beetle, Comal Springs dryopid .....	<i>Stygoparnus comalensis</i> .....	Wherever found ...	E	62 FR 66295, 12/18/1997; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Comal Springs riffle .....	<i>Heterelmis comalensis</i> .....	Wherever found ...	E	62 FR 66295, 12/18/1997; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, delta green ground .....	<i>Elaphrus viridis</i> .....	Wherever found ...	T	45 FR 52807, 8/8/1980; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Helotes mold .....	<i>Batrissodes venyivi</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Hungerford's crawling water.	<i>Brychius hungerfordi</i> .....	Wherever found ...	E	59 FR 10580, 3/7/1994.
Beetle, Kretschmarr Cave mold ...	<i>Texamaurops reddelli</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988; 58 FR 43818, 8/18/1993.
Beetle, Miami tiger .....	<i>Cicindelia floridana</i> .....	Wherever found ...	E	81 FR 68985, 10/5/2016; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Mount Hermon June .....	<i>Polyphylla barbata</i> .....	Wherever found ...	E	62 FR 3616, 1/24/1997.
Beetle, (no common name) .....	<i>Rhadine exilis</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, (no common name) .....	<i>Rhadine infernalis</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Northeastern beach tiger ..	<i>Habroscelimorpha dorsalis dorsalis</i> .	Wherever found ...	T	55 FR 32088, 8/7/1990.
Beetle, Ohlone tiger .....	<i>Cicindela ohlone</i> .....	Wherever found ...	E	66 FR 50340, 8/3/2001.
Beetle, Puritan tiger .....	<i>Ellipsoptera puritana</i> .....	Wherever found ...	T	55 FR 32088, 8/7/1990.
Beetle, Salt Creek tiger .....	<i>Cicindela nevadica incolniana</i> .	Wherever found ...	E	70 FR 58335, 10/6/2005; 50 CFR 17.95(i). <sup>CH</sup>
Beetle, Tooth Cave ground .....	<i>Rhadine persephone</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988.
Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i> .	Wherever found ...	T	45 FR 52803, 8/8/1980; 50 CFR 17.95(i). <sup>CH</sup>

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Butterfly, Bartram's scrub-hairstreak.	<i>Strymon acis bartami</i> .....	Wherever found ...	E	79 FR 47221, 8/12/2014; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, bay checkerspot .....	<i>Euphydryas editha bayensis</i>	Wherever found ...	T	52 FR 35366, 9/18/1987; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Behren's silverspot .....	<i>Speyeria zerene behrensii</i> ..	Wherever found ...	E	62 FR 64306, 12/5/1997.
Butterfly, callippe silverspot .....	<i>Speyeria callippe callippe</i> ...	Wherever found ...	E	62 FR 64306, 12/5/1997.
Butterfly, cassius blue .....	<i>Leptotes cassius theonus</i> ...	Coastal south and central FL.	T (S/A)	77 FR 20948, 4/6/2012.
Butterfly, ceraunus blue .....	<i>Hemiargus ceraunus antibubastus</i> .	Coastal south and central FL.	T (S/A)	77 FR 20948, 4/6/2012.
Butterfly, Corsican swallowtail .....	<i>Papilio hospiton</i> .....	Wherever found ...	E	58 FR 4356, 1/14/1993.
Butterfly, El Segundo blue .....	<i>Euphilotes battoides allyni</i> ..	Wherever found ...	E	41 FR 22041, 6/14/1976.
Butterfly, Fender's blue .....	<i>Icaricia icarioides fenderi</i> ...	Wherever found ...	T	65 FR 3875, 1/25/2000; 88 FR 2006, 1/12/2023; 50 CFR 17.47(f); <sup>4d</sup> 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Florida leafwing .....	<i>Anaea troglodyta floridaalis</i> ..	Wherever found ...	E	79 FR 47221, 8/12/2014; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Hermes copper .....	<i>Lycaena hermes</i> .....	Wherever found ...	T	86 FR 72394; 12/21/2021; 50 CFR 17.47(e); <sup>4d</sup> 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Homerus swallowtail .....	<i>Papilio homerus</i> .....	Wherever found ...	E	58 FR 4356, 1/14/1993.
Butterfly, island marble .....	<i>Euchloe ausonides insulanus</i> .	Wherever found ...	E	85 FR 26786, 5/5/2020; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Karner blue .....	<i>Lycaeides melissa samuelis</i>	Wherever found ...	E	57 FR 59236, 12/14/1992.
Butterfly, Lange's metalmark .....	<i>Apodemia mormo langei</i> .....	Wherever found ...	E	41 FR 22041, 6/14/1976.
Butterfly, lotis blue .....	<i>Lycaeides argyrognomon lotis</i> .	Wherever found ...	E	41 FR 22041, 6/14/1976.
Butterfly, Luzon peacock swallowtail.	<i>Papilio chikae</i> .....	Wherever found ...	E	58 FR 4356, 1/14/1993.
Butterfly, Mariana eight-spot (Ababbang, Libweibwogh).	<i>Hypolimnys octocula marianensis</i> .	Wherever found ...	E	80 FR 59423, 10/1/2015.
Butterfly, Mariana wandering (Ababbang, Libweibwogh).	<i>Vagrans egistina</i> .....	Wherever found ...	E	80 FR 59423, 10/1/2015.
Butterfly, Miami blue .....	<i>Cyclargus thomasi bethunebakeri</i> .	Wherever found ...	E	77 FR 20948, 4/6/2012.
Butterfly, mission blue .....	<i>Icaricia icarioides missionensis</i> .	Wherever found ...	E	41 FR 22041, 6/14/1976.
Butterfly, Mitchell's satyr .....	<i>Neonympha mitchellii mitchellii</i> .	Wherever found ...	E	56 FR 28825, 6/25/1991; 57 FR 21564, 5/20/1992.
Butterfly, Mount Charleston blue ..	<i>Icaricia (Plebejus) shasta charlestonensis</i> .	Wherever found ...	E	78 FR 57749, 9/19/2013; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Myrtle's silverspot .....	<i>Speyeria zerene myrtilae</i> ...	Wherever found ...	E	57 FR 27848, 6/22/1992.
Butterfly, nickerbean blue .....	<i>Cyclargus ammon</i> .....	Coastal south and central FL.	T (S/A)	77 FR 20948, 4/6/2012; 50 CFR 17.47(a). <sup>4d</sup>
Butterfly, Oregon silverspot .....	<i>Speyeria zerene hippolyta</i> ..	Wherever found, except where listed as an experimental population.	T	45 FR 44935, 7/2/1980; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Oregon silverspot .....	<i>Speyeria zerene hippolyta</i> ..	U.S.A. (OR—specified portions of Clatsop and Tillamook Counties; see § 17.85(d)).	XN	82 FR 28567; 06/23/2017.
Butterfly, Palos Verdes blue .....	<i>Glaucopsyche lygdamus palosverdesensis</i> .	Wherever found ...	E	45 FR 44935, 7/2/1980; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Puerto Rican harlequin ..	<i>Atlantea tulita</i> .....	Wherever found ...	T	87 FR 73655, 12/1/22; 50 CFR 17.47(g); <sup>4d</sup> 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Queen Alexandra's birdwing.	<i>Troides alexandrae</i> .....	Wherever found ...	E	54 FR 38950, 9/21/1989.
Butterfly, Quino checkerspot .....	<i>Euphydryas editha quino</i> ...	Wherever found ...	E	62 FR 2313, 1/16/1997; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Sacramento Mountains checkerspot.	<i>Euphydryas anicia cloudcrofti</i> .	Wherever found ...	E	88 FR 6177, 1/31/2023.
Butterfly, Saint Francis' satyr .....	<i>Neonympha mitchellii francisci</i> .	Wherever found ...	E	59 FR 18324, 4/18/1994; 60 FR 5264, 1/26/1995.
Butterfly, San Bruno elfin .....	<i>Callophrys mossii bayensis</i>	Wherever found ...	E	41 FR 22041, 6/14/1976.
Butterfly, Schaus swallowtail .....	<i>Heraclides aristodemus ponceanus</i> .	Wherever found ...	E	41 FR 17736, 4/28/1976; 49 FR 34501, 8/31/1984.
Butterfly, Smith's blue .....	<i>Euphilotes enoptes smithi</i> ...	Wherever found ...	E	41 FR 22041, 6/14/1976.

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
Butterfly, Taylor's checkerspot .....	<i>Euphydryas editha taylori</i> ...	Wherever found ...	E	78 FR 61451, 10/3/2013; 50 CFR 17.95(i). <sup>CH</sup>
Butterfly, Uncompahgre fritillary ...	<i>Boloria acrocne</i> .....	Wherever found ...	E	56 FR 28712, 6/24/1991.
Damselfly, blackline Hawaiian .....	<i>Megalagrion nigrohamatum nigrolineatum</i> .	Wherever found ...	E	77 FR 57647, 9/18/2012; 50 CFR 17.95(i). <sup>CH</sup>
Damselfly, crimson Hawaiian .....	<i>Megalagrion leptodemas</i> .....	Wherever found ...	E	77 FR 57647, 9/18/2012; 50 CFR 17.95(i). <sup>CH</sup>
Damselfly, flying earwig Hawaiian	<i>Megalagrion nesiot</i> es .....	Wherever found ...	E	75 FR 35990, 6/24/2010; 50 CFR 17.95(i). <sup>CH</sup>
Damselfly, oceanic Hawaiian .....	<i>Megalagrion oceanicum</i> .....	Wherever found ...	E	77 FR 57647, 9/18/2012; 50 CFR 17.95(i). <sup>CH</sup>
Damselfly, orangeblack Hawaiian	<i>Megalagrion xanthomelas</i> ...	Wherever found ...	E	81 FR 67786, 9/30/2016.
Damselfly, Pacific Hawaiian .....	<i>Megalagrion pacificum</i> .....	Wherever found ...	E	75 FR 35990, 6/24/2010; 50 CFR 17.95(i). <sup>CH</sup>
Damselfly, Rota blue (Dulalas Luta, Dulalas Luuta).	<i>Ischnura luta</i> .....	Wherever found ...	E	80 FR 59423, 10/1/2015.
Dragonfly, Hine's emerald .....	<i>Somatochlora hineana</i> .....	Wherever found ...	E	60 FR 5267, 1/26/1995; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Delhi Sands flower-loving .....	<i>Rhaphiomidas terminatus abdominalis</i> .	Wherever found ...	E	58 FR 49881, 9/23/1993.
Fly, Hawaiian picture-wing .....	<i>Drosophila aglaia</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila differens</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila digressa</i> .....	Wherever found ...	E	78 FR 64637, 10/29/2013.
Fly, Hawaiian picture-wing .....	<i>Drosophila hemipeza</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila heteroneura</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila montgomeryi</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila mulli</i> .....	Wherever found ...	T	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila musaphilia</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila neoclavisetae</i> ...	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila obatai</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila ochrobasis</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila sharpi</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila substenoptera</i> ...	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Fly, Hawaiian picture-wing .....	<i>Drosophila tarphytrichia</i> .....	Wherever found ...	E	71 FR 26835, 5/9/2006; 50 CFR 17.95(i). <sup>CH</sup>
Grasshopper, Zayante band-winged.	<i>Trimerotropis infantilis</i> .....	Wherever found ...	E	62 FR 3616, 1/24/1997; 50 CFR 17.95(i). <sup>CH</sup>
Moth, Blackburn's sphinx .....	<i>Manduca blackburni</i> .....	Wherever found ...	E	65 FR 4770, 2/1/2000; 50 CFR 17.95(i). <sup>CH</sup>
Moth, bog buck .....	<i>Hemileuca maia menyanthevora</i> (= <i>H. iroquois</i> ).	Wherever found ...	E	88 FR 15921, 3/15/2023.
Moth, Kern primrose sphinx .....	<i>Euproserpinus euterpe</i> .....	Wherever found ...	T	45 FR 24088, 4/8/1980.
Naucorid, Ash Meadows .....	<i>Ambrysus amargosus</i> .....	Wherever found ...	T	50 FR 20777, 5/20/1985; 50 CFR 17.95(i). <sup>CH</sup>
Skipper, Carson wandering .....	<i>Pseudocopaedes eunus obscurus</i> .	U.S.A., (Lassen County, CA; Washoe County, NV).	E	67 FR 51116, 8/7/2002.
Skipper, Dakota .....	<i>Hesperia dacotae</i> .....	Wherever found ...	T	79 FR 63671, 10/24/2014; 50 CFR 17.95(i). <sup>CH</sup> 50 CFR 17.47(b). <sup>4d</sup>
Skipper, Laguna Mountains .....	<i>Pyrgus ruralis lagunae</i> .....	Wherever found ...	E	62 FR 2313, 1/16/1997; 50 CFR 17.95(i). <sup>CH</sup>
Skipper, Pawnee montane .....	<i>Hesperia leonardus montana</i> .	Wherever found ...	T	52 FR 36176, 9/25/1987.
Skipperling, Poweshiek .....	<i>Oarisma poweshiek</i> .....	Wherever found ...	E	79 FR 63671, 10/24/2014; 50 CFR 17.95(i). <sup>CH</sup>
Stonefly, meltwater lednian .....	<i>Lednia tumana</i> .....	Wherever found ...	T	84 FR 64210, 11/21/2019; 50 CFR 17.47(c). <sup>4d</sup>

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
Stonefly, western glacier .....	<i>Zapada glacier</i> .....	Wherever found ...	T	84 FR 64210, 11/21/2019; 50 CFR 17.47(c). <sup>4d</sup>

ARACHNIDS

Harvestman, Bee Creek Cave .....	<i>Texella reddelli</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988; 58 FR 43818, 8/18/1993.
Harvestman, Bone Cave .....	<i>Texella reyesi</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988; 58 FR 43818, 8/18/1993.
Harvestman, Cokendolpher cave	<i>Texella cokendolpheri</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(g). <sup>CH</sup>
Meshweaver, Government Canyon Bat Cave.	<i>Cicurina vespera</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(g). <sup>CH</sup>
Meshweaver, Madla Cave .....	<i>Cicurina madla</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(g). <sup>CH</sup>
Meshweaver, Robber Baron Cave	<i>Cicurina baronia</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(g). <sup>CH</sup>
Pseudoscorpion, Tooth Cave .....	<i>Tartarocreagris texana</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988.
Spider, Government Canyon Bat Cave.	<i>Tayshaneta microps</i> .....	Wherever found ...	E	65 FR 81419, 12/26/2000; 50 CFR 17.95(g). <sup>CH</sup>
Spider, ivory ornamental tiger .....	<i>Poecilotheria subfusca</i> .....	Wherever found ...	E	83 FR 36755, 7/31/2018.
Spider, Kauai cave wolf .....	<i>Adelocosa anops</i> .....	Wherever found ...	E	65 FR 2348, 1/14/2000; 50 CFR 17.95(g). <sup>CH</sup>
Spider, ornate tiger .....	<i>Poecilotheria ornata</i> .....	Wherever found ...	E	83 FR 36755, 7/31/2018.
Spider, Pedersen's tiger .....	<i>Poecilotheria vittata</i> .....	Wherever found ...	E	83 FR 36755, 7/31/2018.
Spider, Smith's tiger .....	<i>Poecilotheria smithi</i> .....	Wherever found ...	E	83 FR 36755, 7/31/2018.
Spider, spruce-fir moss .....	<i>Microhexura montivaga</i> .....	Wherever found ...	E	60 FR 6968, 2/6/1995; 50 CFR 17.95(g). <sup>CH</sup>
Spider, Sri Lanka ornamental tiger	<i>Poecilotheria fasciata</i> .....	Wherever found ...	E	83 FR 36755, 7/31/2018.
Spider, Tooth Cave .....	<i>Tayshaneta myopica</i> .....	Wherever found ...	E	53 FR 36029, 9/16/1988.

CRUSTACEANS

Amphipod, diminutive .....	<i>Gammarus hyalleloides</i> .....	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(h). <sup>CH</sup>
Amphipod, Hay's Spring .....	<i>Stygobromus hayi</i> .....	Wherever found ...	E	47 FR 5425, 2/5/1982.
Amphipod, Illinois Cave .....	<i>Gammarus acherondytes</i> .....	Wherever found ...	E	63 FR 46900, 9/3/1998.
Amphipod, Kauai cave .....	<i>Spelaeorchestia koloana</i> .....	Wherever found ...	E	65 FR 2348, 1/14/2000; 50 CFR 17.95(h). <sup>CH</sup>
Amphipod, Noel's .....	<i>Gammarus desperatus</i> .....	Wherever found ...	E	76 FR 33036, 6/7/2011; 50 CFR 17.95(h). <sup>CH</sup>
Amphipod, Peck's cave .....	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>Pecki</i> .	Wherever found ...	E	62 FR 66295, 12/18/1997; 50 CFR 17.95(h). <sup>CH</sup>
Amphipod, Pecos .....	<i>Gammarus pecos</i> .....	Wherever found ...	E	78 FR 41227, 7/9/2013; 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, Big Creek .....	<i>Faxonius peruncus</i> .....	Wherever found ...	T	88 FR 25512, 4/27/2023; 50 CFR 17.46(c). <sup>4d</sup> 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, Big Sandy .....	<i>Cambarus callainus</i> .....	Wherever found ...	T	81 FR 20450, 4/7/2016; 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, cave .....	<i>Cambarus aculabrum</i> .....	Wherever found ...	E	58 FR 25742, 4/27/1993.
Crayfish, cave .....	<i>Cambarus zophonastes</i> .....	Wherever found ...	E	52 FR 11170, 4/7/1987.
Crayfish, Guyandotte River .....	<i>Cambarus veteranus</i> .....	Wherever found ...	E	81 FR 20450, 4/7/2016; 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, Nashville .....	<i>Orconectes shoupi</i> .....	Wherever found ...	E	51 FR 34410, 9/3/1986.
Crayfish, Panama City .....	<i>Procambarus econfinae</i> .....	Wherever found ...	T	86 FR 546, 1/5/22; 50 CFR 17.46(b). <sup>4d</sup> 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, St. Francis River .....	<i>Faxonius quadruncus</i> .....	Wherever found ...	T	88 FR 25512, 4/27/2023; 50 CFR 17.46(c). <sup>4d</sup> 50 CFR 17.95(h). <sup>CH</sup>
Crayfish, Shasta .....	<i>Pacifastacus fortis</i> .....	Wherever found ...	E	53 FR 38460, 9/30/1988.
Crayfish, slenderclaw .....	<i>Cambarus cracens</i> .....	Wherever found ...	E	86 FR 50264, 9/8/21; 50 CFR 17.95(h). <sup>CH</sup>
Fairy shrimp, Conservancy .....	<i>Branchinecta conservatio</i> .....	Wherever found ...	E	59 FR 48136, 9/19/1994; 50 CFR 17.95(h). <sup>CH</sup>
Fairy shrimp, longhorn .....	<i>Branchinecta longiantenna</i>	Wherever found ...	E	59 FR 48136, 9/19/1994; 50 CFR 17.95(h). <sup>CH</sup>
Fairy shrimp, Riverside .....	<i>Streptocephalus woottoni</i> .....	Wherever found ...	E	58 FR 41384, 8/3/1993; 50 CFR 17.95(h). <sup>CH</sup>
Fairy shrimp, San Diego .....	<i>Branchinecta</i> <i>sandiegonsis</i> .	Wherever found ...	E	62 FR 4925, 2/3/1997; 50 CFR 17.95(h). <sup>CH</sup>
Fairy shrimp, vernal pool .....	<i>Branchinecta lynchi</i> .....	Wherever found ...	E	59 FR 48136, 9/19/1994; 50 CFR 17.95(h). <sup>CH</sup>

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Isopod, Lee County cave .....	<i>Lirceus usdagalun</i> .....	Wherever found ...	E	57 FR 54722, 11/20/1992.
Isopod, Madison Cave .....	<i>Antrolana lira</i> .....	Wherever found ...	T	47 FR 43699, 10/4/1982; 50 CFR 17.46(a). <sup>4d</sup>
Isopod, Socorro .....	<i>Thermosphaeroma thermophilus</i> .	Wherever found ...	E	43 FR 12690, 3/27/1978.
Shrimp, Alabama cave .....	<i>Palaemonias alabamae</i> .....	Wherever found ...	E	53 FR 34696, 9/7/1988.
Shrimp, anchialine pool .....	<i>Procaris hawaiana</i> .....	Wherever found ...	E	81 FR 67786, 9/30/2016.
Shrimp, anchialine pool .....	<i>Vetericaris chaceorum</i> .....	Wherever found ...	E	78 FR 64637, 10/29/2013.
Shrimp, California freshwater .....	<i>Syncaris pacifica</i> .....	Wherever found ...	E	53 FR 43884, 10/31/1988.
Shrimp, Kentucky cave .....	<i>Palaemonias ganteri</i> .....	Wherever found ...	E	48 FR 46337, 10/12/1983; 50 CFR 17.95(h). <sup>CH</sup>
Shrimp, Squirrel Chimney cave ...	<i>Palaemonetes cummingsi</i> .....	Wherever found ...	T	55 FR 25588, 6/21/1990.
Tadpole shrimp, vernal pool .....	<i>Lepidurus packardii</i> .....	Wherever found ...	E	59 FR 48136, 9/19/1994; 50 CFR 17.95(h). <sup>CH</sup>

CORALS

Coral, (no common name) .....	<i>Acropora globiceps</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora jacquelineae</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora lokani</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora pharaonis</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora retusa</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora rudis</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora speciosa</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Acropora tenella</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Anacropora spinosa</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Cantharellus noumeae</i> .....	Wherever found ...	E	80 FR 60560, 10/7/2015; <sup>N</sup> 81 FR 76311, 11/2/2016.
Coral, (no common name) .....	<i>Euphyllia paradivisa</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Isopora crateriformis</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Montipora australiensis</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Pavona diffluens</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Porites napopora</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Seriatopora aculeata</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, (no common name) .....	<i>Tubastraea floreana</i> .....	Wherever found ...	E	80 FR 60560, 10/7/2015; <sup>N</sup> 81 FR 76311, 11/2/2016.
Coral, boulder star .....	<i>Orbicella franksi</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, elkhorn .....	<i>Acropora palmata</i> .....	Wherever found ...	T	76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014; 50 CFR 223.208; <sup>4d</sup> 50 CFR 226.216. <sup>CH</sup>
Coral, lobed star .....	<i>Orbicella annularis</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, mountainous star .....	<i>Orbicella faveolata</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, pillar .....	<i>Dendrogyra cylindrus</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, rough cactus .....	<i>Mycetophyllia ferox</i> .....	Wherever found ...	T	79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014.
Coral, staghorn .....	<i>Acropora cervicornis</i> .....	Wherever found ...	T	76 FR 20558, 4/13/2011; 79 FR 42687, 7/23/2014; 79 FR 53852, 9/10/2014; <sup>N</sup> 79 FR 67356, 11/13/2014; 50 CFR 223.208; <sup>4d</sup> 50 CFR 226.216. <sup>CH</sup>

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Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
CEPHALOPODS				
Nautilus, chambered .....	<i>Nautilus pompilius</i> .....	Wherever found ...	T	83 FR 48976, 9/28/2018; N 84 FR 13809, 4/8/2019.

[81 FR 51556, Aug. 4, 2016]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §17.11, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at [www.govinfo.gov](http://www.govinfo.gov).

EFFECTIVE DATE NOTE: In §17.11, amend paragraph (h), in the List of Endangered and Threatened Wildlife, by:

- a. Under MAMMALS, revising the entry for “Margay”;
- b. Under BIRDS, revising the first entry for “Condor, California”, and the entries for

“Kite, snail (Everglade)”, “Parrot, thick-billed”, “Rail, light-footed Ridgway’s”, and “Rail, Yuma Ridgway’s”;

c. Under FISHES, revising the entry for “Topminnow, Gila (incl. Yaqui)”;

d. Under INSECTS, revising the entry for “Skipper, Carson wandering”, effective .

The revisions read as follows:

**§ 17.11 Endangered and threatened wildlife.**

\* \* \* \* \*

(h) \* \* \*

Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
MAMMALS				
Margay .....	<i>Leopardus (=Felis) wiedii.</i>	Wherever found .....	E .....	37 FR 6476, 3/30/1972.
BIRDS				
Condor, California .....	<i>Gymnogyps californianus.</i>	Wherever found, except where listed as an experimental population.	E .....	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Kite, Everglade snail .....	<i>Rostrhamus sociabilis plumbeus.</i>	Wherever found .....	E .....	32 FR 4001, 3/11/1967; 50 CFR 17.95(b). <sup>CH</sup>
Parrot, thick-billed .....	<i>Rhynchopsitta pachyrhyncha.</i>	Wherever found .....	E .....	35 FR 8491, 6/2/1970.
Rail, light-footed Ridgway's.	<i>Rallus obsoletus levipes</i>	Wherever found .....	E .....	34 FR 5034, 3/8/1969; 35 FR 16047, 10/13/1970.
Rail, Yuma Ridgway's .....	<i>Rallus obsoletus yumanensis.</i>	Wherever found .....	E .....	32 FR 4001, 3/11/1967.
FISHES				
Topminnow, Gila (incl. Yaqui).	<i>Poeciliopsis occidentalis</i>	Wherever found .....	E .....	32 FR 4001, 3/11/1967.
INSECTS				
Skipper, Carson wandering.	<i>Pseudo copaeodes eunus obscurus.</i>	Wherever found .....	E .....	67 FR 51116, 8/7/2002.

Common name	Scientific name	Where listed	Status	Listing citations and applicable rules
*	*	*	*	*

**§ 17.12 Endangered and threatened plants.**

(a) The list in paragraph (h) of this section contains the plant species determined by the Service or the National Marine Fisheries Service (NMFS) of the Department of Commerce’s National Oceanic and Atmospheric Administration (hereafter in this section referred to as “the Services”) to be endangered species or threatened species. It also contains the plant species treated as endangered or threatened because they are similar in appearance to and may be confused with endangered or threatened species (see §§ 17.50 through 17.52). The “Common name,” “Scientific name,” “Where listed,” and “Status” columns provide regulatory information; together, they identify listed plant species within the meaning of the Act and describe where they are protected. When a taxon has more than one entry, the “Where listed” or “Status” column will identify its status in each relevant geographic area. The listing of a particular taxon includes all lower taxonomic units.

(b) “*Scientific name*” column. The Services use the most recently accepted scientific name. In cases where confusion might arise, one or more synonyms are provided in parentheses within the “Scientific name” column. The Services will rely to the extent practicable on the Integrated Taxonomic

Information System (ITIS) to determine a species’ scientific name. ITIS incorporates the naming principles established by the *International Code of Nomenclature for algae, fungi, and plants* (see paragraph (g) of this section). If the scientific name in ITIS differs from the scientific name adopted for use under the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the CITES nomenclature will be provided in brackets “[ ]” within the “Scientific name” column following the ITIS nomenclature.

(c) “*Common name*” column. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. In cases where confusion might arise, one or more synonyms are provided in parentheses within the “Common name” column.

(d) “*Where listed*” column. The “Where listed” column sets forth the geographic area where the species is listed for purposes of the Act. Except when providing a geographic description of an experimental population designation, “Wherever found” will be used to indicate the Act’s protections apply to all individuals of the species, wherever found.

(e) “*Status*” column. Within the “Status” column, the following abbreviations are used:

Abbreviation	Regulatory status the abbreviation represents
E .....	Endangered species.
T .....	Threatened species.
E (S/A) .....	Endangered based on similarity of appearance to an existing listed species.
T (S/A) .....	Threatened based on similarity of appearance to an existing listed species.
XE .....	Essential experimental population (See subpart H of this part).
XN .....	Nonessential experimental population (See subpart H of this part).

(f) “*Listing Citations and Applicable Rules*” column. The “Listing Citations and Applicable Rules” column is non-regulatory in nature and is provided for informational and navigational purposes only. Please note that the sections of part 17 that include designa-

tions of critical habitat for plants are organized by family name. A link to the Integrated Taxonomic Information System (ITIS), which displays the taxonomic hierarchy of a species, including its family name, is provided on each species’ profile page accessible

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through the Service's Web site (<http://www.fws.gov/Endangered/>) or information is available directly through the ITIS (<http://www.itis.gov/>).

(1) Within the "Listing Citations and Applicable Rules" column, the following superscripts are used:

UPERSCRIPT

Superscript	Description of citation or rule
N .....	NMFS listing citation (NMFS Lead).
J .....	Both FWS and NMFS listing citation (Joint Jurisdiction).
CH .....	Critical habitat rule.
4d .....	Species-specific "4(d)" rule (a rule issued under the authority of section 4(d) of the Act).
10j .....	Species-specific "10(j)" rule (a rule issued under the authority of section 10(j) of the Act).

(2) Listing citations contain the volume, document starting page number, and publication date of the FEDERAL REGISTER publication(s) in which a species' status was assessed. At least since 1973, these documents have included a statement indicating the basis for the listing or reclassification, as well as the effective date(s) of the listing or other rules that changed how the species was identified in the list in paragraph (h) of this section.

(3) "Critical habitat" and "Species-specific" rules superscripts provide cross-references to other sections in part 17 or part 222, 223, or 226 of chapter II of this title where critical habitat and species-specific rules are found. The species-specific superscripts also identify experimental populations. Experimental populations (superscript "10j") are a separate citation, with one of the following symbols in the "Status" column: "XE" for an essential ex-

perimental population and "XN" for a nonessential experimental population.

(4) This column is for reference and navigational purposes only. All other appropriate rules in part 17, parts 217 through 226 of chapter II of this title, and part 402 of chapter IV of this title apply, if no species-specific rules are referenced. In addition, other rules in this title could relate to such species (for example, port-of-entry requirements). The references in the "Listing Citations and Applicable Rules" column do not comprise a comprehensive list of all regulations that the Services might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The Services will rely to the extent practicable on ITIS (<http://www.itis.gov/>) and standard references adopted for CITES (<http://cites.org/>).

(h) The "List of Endangered and Threatened Plants" is provided in the table in this paragraph (h):

Scientific name	Common name	Where listed	Status	Listing citations and applicable rules
FLOWERING PLANTS				
<i>Abronia macrocarpa</i> .....	Large-fruited sand-ver-bena.	Wherever found .....	E	53 FR 37975, 9/28/1988.
<i>Abutilon eremitopetalum</i> ....	No common name .....	Wherever found .....	E	56 FR 47686, 9/20/1991.
<i>Abutilon menziesii</i> .....	Kooloaula .....	Wherever found .....	E	51 FR 34412, 9/26/1986.
<i>Abutilon sandwicense</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Acaena exigua</i> .....	Liliwai .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Acanthomintha ilicifolia</i> .....	San Diego thornmint .....	Wherever found .....	T	63 FR 54938, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Acanthomintha obovata</i> ssp. <i>duttonii</i> .	San Mateo thornmint .....	Wherever found .....	E	50 FR 37858, 9/18/1985.
<i>Achyranthes mutica</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Achyranthes splendens</i> var. <i>rotundata</i> .	Round-leaved chaff-flower	Wherever found .....	E	51 FR 10518, 3/26/1986; 50 CFR 17.99(i). <sup>CH</sup>
<i>Aconitum noveboracense</i> ..	Northern wild monkshood	Wherever found .....	T	43 FR 17910, 4/26/1978.
<i>Aeschynomene virginica</i> ....	Sensitive joint-vetch .....	Wherever found .....	T	57 FR 21569, 5/20/1992.
<i>Agalinis acuta</i> .....	Sandplain gerardia .....	Wherever found .....	E	53 FR 34701, 9/7/1988.

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Scientific name	Common name	Where listed	Status	Listing citations and applicable rules
<i>Agave eggersiana</i> .....	No common name .....	Wherever found .....	E	79 FR 53303, 9/9/2014;
<i>Alectryon macrococcus</i> .....	Mahoe .....	Wherever found .....	E	50 CFR 17.96(a). <sup>CH</sup> 57 FR 20772, 5/15/1992; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c) ; <sup>CH</sup> 50 CFR 17.99(e) ; <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Allium munzii</i> .....	Munz's onion .....	Wherever found .....	E	63 FR 54975, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Alopecurus aequalis</i> var. <i>sonomensis</i> .	Sonoma alopecurus .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Amaranthus brownii</i> .....	No common name .....	Wherever found .....	E	61 FR 43178, 8/21/1996; 50 CFR 17.99(g). <sup>CH</sup>
<i>Amaranthus pumilus</i> .....	Seabeach amaranth .....	Wherever found .....	T	58 FR 18035, 4/7/1993.
<i>Ambrosia cheiranthifolia</i> .....	South Texas ambrosia .....	Wherever found .....	E	59 FR 43648, 8/24/1994.
<i>Ambrosia pumila</i> .....	San Diego ambrosia .....	Wherever found .....	E	67 FR 44372, 7/2/2002; 50 CFR 17.96. <sup>CH</sup>
<i>Amorpha crenulata</i> .....	Crenulate lead-plant .....	Wherever found .....	E	50 FR 29345, 7/18/1985.
<i>Amphianthus pusillus</i> .....	Little amphianthus .....	Wherever found .....	T	53 FR 3560, 2/5/1988.
<i>Amsinckia grandiflora</i> .....	Large-flowered fiddleneck .....	Wherever found .....	E	50 FR 19374, 5/8/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Amsonia kearneyana</i> .....	Kearney's blue-star .....	Wherever found .....	E	54 FR 2131, 1/19/1989.
<i>Apios priceana</i> .....	Price's potato-bean .....	Wherever found .....	T	55 FR 429, 1/5/1990.
<i>Arabis georgiana</i> .....	Georgia rockcross .....	Wherever found .....	T	79 FR 54627, 9/12/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Arabis hoffmannii</i> .....	Hoffmann's rock-cress .....	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Arabis mcdonaldiana</i> .....	McDonald's rock-cress .....	Wherever found .....	E	43 FR 44810, 9/28/1978.
<i>Arabis</i> (– <i>Boechera</i> ) <i>perstellata</i> .	Braun's Rock-cress .....	Wherever found .....	E	60 FR 56, 1/3/1995; 50 CFR 17.96(a). <sup>CH</sup>
<i>Arctomecon humilis</i> .....	Dwarf bear-poppy .....	Wherever found .....	E	44 FR 64250, 1/16/1979.
<i>Arctostaphylos confertiflora</i>	Santa Rosa Island manzanita.	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Arctostaphylos franciscana</i>	Franciscan manzanita .....	Wherever found .....	E	77 FR 54434, 9/5/2012; 50 CFR 17.96(a). <sup>CH</sup>
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i> .	Del Mar manzanita .....	Wherever found .....	E	61 FR 52370, 10/7/1996.
<i>Arctostaphylos hookeri</i> var. <i>ravenii</i> .	Presidio manzanita .....	Wherever found .....	E	44 FR 61910, 10/26/1979.
<i>Arctostaphylos morroensis</i>	Morro manzanita .....	Wherever found .....	T	59 FR 64613, 12/15/1994.
<i>Arctostaphylos myrtifolia</i> .....	lone manzanita .....	Wherever found .....	T	64 FR 28403, 5/26/1999.
<i>Arctostaphylos pallida</i> .....	Pallid manzanita .....	Wherever found .....	T	63 FR 19842, 4/22/1998.
<i>Arenaria paludicola</i> .....	Marsh sandwort .....	Wherever found .....	E	58 FR 41378, 8/3/1993.
<i>Arenaria ursina</i> .....	Bear Valley sandwort .....	Wherever found .....	T	63 FR 49006, 9/14/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Argemone pleiacantha</i> ssp. <i>pinnatisecta</i> .	Sacramento prickly-poppy .....	Wherever found .....	E	54 FR 35302, 8/24/1989.
<i>Argyroxiphium kauense</i> .....	Mauna Loa silversword .....	Wherever found .....	E	58 FR 18029, 4/7/1993; 50 CFR 17.99(k). <sup>CH</sup>
<i>Argyroxiphium sandwicense</i> ssp. <i>macrocephalum</i> .	Ahinahina .....	Wherever found .....	T	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i> .	Ahinahina .....	Wherever found .....	E	51 FR 9814, 3/21/1986.
<i>Argythamnia blodgettii</i> .....	Blodgett's silverbush .....	Wherever found .....	T	81 FR 66842, 9/29/2016.
<i>Aristida chaseae</i> .....	No common name .....	Wherever found .....	E	58 FR 25755, 4/27/1993.
<i>Aristida portoricensis</i> .....	Pelos del diablo .....	Wherever found .....	E	55 FR 32255, 8/8/1990.
<i>Asclepias meadii</i> .....	Mead's milkweed .....	Wherever found .....	T	53 FR 33992, 9/1/1988.
<i>Asclepias prostrata</i> .....	Prostrate milkweed .....	Wherever found .....	E	88 FR 12572, February 28, 2023; 50 CFR 17.96(a). <sup>CH</sup>
<i>Asclepias welshii</i> .....	Welsh's milkweed .....	Wherever found .....	T	52 FR 41435, 10/28/1987; 50 CFR 17.96(a). <sup>CH</sup>
<i>Asimina tetramera</i> .....	Four-petal pawpaw .....	Wherever found .....	E	51 FR 34415, 9/26/1986.
<i>Astelia waialealae</i> .....	Painiu .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Astragalus albens</i> .....	Cushenbury milk-vetch .....	Wherever found .....	E	59 FR 43652, 8/24/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus ampullarioides</i> .....	Shivwits milkvetch .....	Wherever found .....	E	66 FR 49560, 9/28/2001; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus applegatei</i> .....	Applegate's milk-vetch .....	Wherever found .....	E	58 FR 40547, 7/28/1993.
<i>Astragalus bibullatus</i> .....	Guthrie's (=Pyne's) ground-plum.	Wherever found .....	E	56 FR 48748, 9/26/1991.

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Scientific name	Common name	Where listed	Status	Listing citations and applicable rules
<i>Astragalus brauntonii</i> .....	Braunton's milk-vetch .....	Wherever found .....	E	62 FR 4172, 1/29/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus clarianus</i> .....	Clara Hunt's milk-vetch ....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i> .	Sentry milk-vetch .....	Wherever found .....	E	55 FR 50184, 12/5/1990.
<i>Astragalus holmgreniorum</i>	Holmgren milkvetch .....	Wherever found .....	E	66 FR 49560, 9/28/2001; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus humillimus</i> .....	Mancos milk-vetch .....	Wherever found .....	E	50 FR 26568, 6/27/1985.
<i>Astragalus jaeegerianus</i> .....	Lane Mountain milk-vetch	Wherever found .....	E	63 FR 53596, 10/6/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus lentiginosus</i> var. <i>coacheliae</i> .	Coachella Valley milk- vetch.	Wherever found .....	E	63 FR 53596, 10/6/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus lentiginosus</i> var. <i>piscinensis</i> .	Fish Slough milk-vetch ....	Wherever found .....	T	63 FR 53596, 10/6/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus magdalenae</i> var. <i>peirsonii</i> .	Peirson's milk-vetch .....	Wherever found .....	T	63 FR 53596, 10/6/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus montii</i> .....	Heliotrope milkvetch .....	Wherever found .....	T	52 FR 42652, 11/6/1987; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus osterhoutii</i> .....	Kremmling Osterhout milkvetch.	Wherever found .....	E	54 FR 29658, 7/13/1989.
<i>Astragalus phoenix</i> .....	Ash Meadows milk-vetch ..	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i> .	Ventura Marsh milk-vetch	Wherever found .....	E	66 FR 27901, 5/21/2001; 50 CFR 17.96(a). <sup>CH</sup>
<i>Astragalus robbinsii</i> .....	Jesup's milk-vetch .....	Wherever found .....	E	52 FR 21481, 6/5/1987.
var. <i>jesupii</i> .....				
<i>Astragalus tener</i> var. <i>titi</i> .....	Coastal dunes milk-vetch	Wherever found .....	E	63 FR 43100, 8/12/1998.
<i>Astragalus tricarinatus</i> .....	Triple-ribbed milk-vetch ....	Wherever found .....	E	63 FR 53596, 10/6/1998.
<i>Astrophytum asterias</i> .....	Star cactus .....	Wherever found .....	E	58 FR 53804, 10/18/1993.
<i>Atriplex coronata</i> var. <i>notatior</i> .	San Jacinto Valley crownscale.	Wherever found .....	E	63 FR 54975, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Auerodendron pauciflorum</i>	No common name .....	Wherever found .....	E	59 FR 9935, 3/2/1994.
<i>Ayenia limitaris</i> .....	Tamaulipan Kidneypetal ...	Wherever found .....	E	59 FR 43648, 8/24/1994.
<i>Baccharis vanessae</i> .....	Encinitas baccharis .....	Wherever found .....	T	61 FR 52370, 10/7/1996.
<i>Banara vanderbiltii</i> .....	Palo de Ramón .....	Wherever found .....	E	52 FR 1459, 1/14/1987.
<i>Baptisia arachnifera</i> .....	Hairy rattleweed .....	Wherever found .....	E	43 FR 17910, 4/26/1978.
<i>Berberis nevinii</i> .....	Nevin's barberry .....	Wherever found .....	E	63 FR 54956, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Berberis pinnata</i> ssp. <i>insularis</i> .	Island barberry .....	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Betula uber</i> .....	Virginia round-leaf birch ...	Wherever found .....	T	43 FR 17910, 4/26/1978; 59 FR 59173, 11/16/1994.
<i>Bidens amplexens</i> .....	Kookoolau .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Bidens campylothea</i> ssp. <i>pentamera</i> .	Kookoolau .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Bidens campylothea</i> ssp. <i>waihoiensis</i> .	Kookoolau .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Bidens conjuncta</i> .....	Kookoolau .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Bidens hillebrandiana</i> ssp. <i>hillebrandiana</i> .	Kookoolau .....	Wherever found .....	E	78 FR 32013, 5/28/2013.
<i>Bidens micrantha</i> ssp. <i>ctenophylla</i> .	Kookoolau .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Bidens micrantha</i> ssp. <i>kalealaha</i> .	Kookoolau .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Bidens wiebkei</i> .....	Kookoolau .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Blennosperma bakeri</i> .....	Sonoma sunshine .....	Wherever found .....	E	56 FR 61173, 12/2/1991.
<i>Boechera serotina</i> .....	Shale barren rock cress ...	Wherever found .....	E	54 FR 29655, 7/13/1989.
<i>Boltonia decurrens</i> .....	Decurrent false aster .....	Wherever found .....	T	53 FR 45858, 11/14/1988.
<i>Bonamia grandiflora</i> .....	Florida bonamia .....	Wherever found .....	T	52 FR 42068, 11/2/1987.
<i>Bonamia menziesii</i> .....	No common name .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup>
<i>Brickellia mosieri</i> .....	Florida Brickell-bush .....	Wherever found .....		79 FR 52567, 9/4/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Brighamia insignis</i> .....	Olulu .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(a)(2). <sup>CH</sup>

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<i>Brighamia rockii</i> .....	Pua ala .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Brodiaea filifolia</i> .....	Thread-leaved brodiaea ...	Wherever found .....	T	63 FR 54975, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Brodiaea pallida</i> .....	Chinese Camp brodiaea ...	Wherever found .....	T	63 FR 49022, 9/14/1998.
<i>Bulbophyllum guamense</i> ...	Siboyas halumtanu, Siboyan halom tano.	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Buxus vahlii</i> .....	Vahl's boxwood .....	Wherever found .....	E	50 FR 32572, 8/13/1985.
<i>Calamagrostis hillebrandii</i> ..	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Callicarpa ampla</i> .....	Capá rosa .....	Wherever found .....	E	57 FR 14782, 4/22/1992.
<i>Callirhoe scabriuscula</i> .....	Texas poppy-mallow .....	Wherever found .....	E	46 FR 3184, 1/13/1981; 46 FR 40025, 8/6/1981.
<i>Calochortus tiburonensis</i> ...	Tiburon mariposa lily .....	Wherever found .....	T	60 FR 6671, 2/3/1995.
<i>Calyptanthus thomasiana</i> .....	No common name .....	Wherever found .....	E	59 FR 8138, 2/18/1994.
<i>Calyptidium pulchellum</i> .....	Mariposa pussypaws .....	Wherever found .....	T	63 FR 49022, 9/14/1998.
<i>Calyptronoma rivalis</i> .....	Palma de manaca .....	Wherever found .....	T	55 FR 4157, 2/6/1990.
<i>Calystegia stebbinsii</i> .....	Stebbins' morning-glory ...	Wherever found .....	E	61 FR 54346, 10/18/1996.
<i>Campanula robinsiae</i> .....	Brooksville bellflower .....	Wherever found .....	E	54 FR 31190, 7/27/1989.
<i>Canavalia molokaiensis</i> .....	Awikiwiki .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Canavalia napaliensis</i> .....	Awikiwiki .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Canavalia pubescens</i> .....	Awikiwiki .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Calamagrostis expansa</i> .....	Maui reedgrass .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Cardamine micranthera</i> .....	Small-anthered bittercress .....	Wherever found .....	E	54 FR 38947, 9/21/1989.
<i>Carex albida</i> .....	White sedge .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Carex lutea</i> .....	Golden sedge .....	Wherever found .....	E	67 FR 3120, 1/23/2002; 50 CFR 17.96(a). <sup>CH</sup>
<i>Carex specuicola</i> .....	Navajo sedge .....	Wherever found .....	T	50 FR 19370, 5/8/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Castilleja affinis</i> ssp. <i>neglecta</i> .	Tiburon paintbrush .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Castilleja campestris</i> ssp. <i>succulenta</i> .	Fleshy owl's-clover .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Castilleja cinerea</i> .....	Ash-gray Indian paintbrush .....	Wherever found .....	T	63 FR 49006, 9/14/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Castilleja mollis</i> .....	Soft-leaved paintbrush .....	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Catesbaea melanocarpa</i> ....	No common name .....	Wherever found .....	E	64 FR 13116, 3/17/1999; 50 CFR 17.96(a). <sup>CH</sup>
<i>Caulanthus californicus</i> .....	California jewelflower .....	Wherever found .....	E	55 FR 29361, 7/19/1990.
<i>Ceanothus ferrisae</i> .....	Coyote ceanothus .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Ceanothus ophiocilius</i> .....	Vail Lake ceanothus .....	Wherever found .....	T	63 FR 54956, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Ceanothus roderickii</i> .....	Pine Hill ceanothus .....	Wherever found .....	E	61 FR 54346, 10/18/1996.
<i>Cenchrus agrimonioides</i> ....	Kamanomano .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Centaurium namophilum</i> ....	Spring-loving centaury .....	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Cercocarpus traskiae</i> .....	Catalina Island mountain-mahogany.	Wherever found .....	E	62 FR 42692, 8/8/1997.
<i>Cereus eriophorus</i> var. <i>fragrans</i> .	Fragrant prickly-apple .....	Wherever found .....	E	50 FR 45618, 11/1/1985.
<i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> .	No common name .....	Wherever found .....	E	55 FR 12788, 4/5/1990.
<i>Chamaecrista lineata</i> var. <i>keyensis</i> .	Big Pine partridge pea .....	Wherever found .....	E	81 FR 66842, 9/29/2016.
<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i> .	Deltoid spurge .....	Wherever found .....	E	50 FR 29345, 7/18/1985.
<i>Chamaesyce deltoidea</i> ssp. <i>pinetorum</i> .	Pineland sandmat .....	Wherever found .....	T	82 FR 46691, 10/06/2017.
<i>Chamaesyce deltoidea</i> ssp. <i>serpyllum</i> .	Wedge spurge .....	Wherever found .....	E	81 FR 66842, 9/29/2016.
<i>Chamaesyce garberi</i> .....	Garber's spurge .....	Wherever found .....	T	50 FR 29345, 7/18/1985.
<i>Chamaesyce hooveri</i> .....	Hoover's spurge .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Charpentiera densiflora</i> ....	Papala .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Chionanthus pygmaeus</i> .....	Pygmy fringe-tree .....	Wherever found .....	E	52 FR 2227, 1/21/1987.

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<i>Chlorogalum purpureum</i> ....	Purple amole (Camatta Canyon amole).	Wherever found .....	T	65 FR 14878, 3/20/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Chorizanthe howellii</i> .....	Howell's spineflower .....	Wherever found .....	E	57 FR 27848, 6/22/1992.
<i>Chorizanthe orcuttiana</i> .....	Orcutt's spineflower .....	Wherever found .....	E	61 FR 52370, 10/7/1996.
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i> .	Ben Lomond spineflower ..	Wherever found .....	E	59 FR 5499, 2/4/1994.
<i>Chorizanthe pungens</i> var. <i>pungens</i> .	Monterey spineflower .....	Wherever found .....	T	59 FR 5499, 2/4/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Chorizanthe robusta</i> var. <i>hartwegii</i> .	Scotts Valley spineflower	Wherever found .....	E	59 FR 5499, 2/4/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Chorizanthe robusta</i> var. <i>robusta</i> .	Robust spineflower .....	Wherever found .....	E	59 FR 5499, 2/4/1994; 50 CFR 17.96(b). <sup>CH</sup>
<i>Chorizanthe valida</i> .....	Sonoma spineflower .....	Wherever found .....	E	57 FR 27848, 6/22/1992.
<i>Chromolaena frustrata</i> .....	Cape Sable thoroughwort	Wherever found .....	E	78 FR 63795, 10/24/2013; 50 CFR 17.96(a); <sup>CH</sup> 50 CFR 17.96(h). <sup>CH</sup>
<i>Chrysopsis floridana</i> .....	Florida golden aster .....	Wherever found .....	E	51 FR 17974, 5/16/1986.
<i>Cirsium fontinale</i> var. <i>fontinale</i> .	Fountain thistle .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Cirsium fontinale</i> var. <i>obispoense</i> .	Chorro Creek bog thistle ..	Wherever found .....	E	59 FR 64613, 12/15/1994.
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i> .	Suisun thistle .....	Wherever found .....	E	62 FR 61916, 11/20/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Cirsium loncholepis</i> .....	La Graciosa thistle .....	Wherever found .....	E	65 FR 14888, 3/20/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Cirsium pitcheri</i> .....	Pitcher's thistle .....	Wherever found .....	T	53 FR 27137, 7/18/1988.
<i>Cirsium vinaceum</i> .....	Sacramento Mountains thistle.	Wherever found .....	T	52 FR 22933, 6/16/1987.
<i>Cirsium wrightii</i> .....	Wright's marsh thistle .....	Wherever found .....	T	88 FR 25208, 4/25/2023; 50 CFR 17.73(c); <sup>4d</sup> 50 CFR 17.96(a). <sup>CH</sup>
<i>Clarkia franciscana</i> .....	Presidio clarkia .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Clarkia imbricata</i> .....	Vine Hill clarkia .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Clarkia speciosa</i> ssp. <i>immaculata</i> .	Pismo clarkia .....	Wherever found .....	E	59 FR 64613, 12/15/1994.
<i>Clarkia springvillensis</i> .....	Springville clarkia .....	Wherever found .....	T	63 FR 49022, 9/14/1998.
<i>Clematis morefieldii</i> .....	Morefield's leather-flower	Wherever found .....	E	57 FR 21562, 5/20/1992.
<i>Clematis socialis</i> .....	Alabama leather-flower .....	Wherever found .....	E	51 FR 34420, 9/26/1986.
<i>Clermontia drepanomorpha</i>	Oha wai .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Clermontia lindseyana</i> .....	Oha wai .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i> .	Oha wai .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i> .	Oha wai .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Clermontia peleana</i> .....	Oha wai .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Clermontia pyrularia</i> .....	Oha wai .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Clermontia samuelii</i> .....	Oha wai .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Clitoria fragrans</i> .....	Pigeon wings .....	Wherever found .....	T	58 FR 25746, 4/27/1993.
<i>Colubrina oppositifolia</i> .....	Kaula .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Conradina brevifolia</i> .....	Short-leaved rosemary .....	Wherever found .....	E	58 FR 37432, 7/12/1993.
<i>Conradina etonia</i> .....	Etonia rosemary .....	Wherever found .....	E	58 FR 37432, 7/12/1993.
<i>Conradina glabra</i> .....	Apalachicola rosemary .....	Wherever found .....	E	58 FR 37432, 7/12/1993.
<i>Conradina verticillata</i> .....	Cumberland rosemary .....	Wherever found .....	T	56 FR 60937, 11/29/1991.
<i>Consolea corallicola</i> .....	Cactus, Florida semaphore.	Wherever found .....	E	78 FR 63795, 10/24/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Cordia alliodora</i> .....	No common name .....	Wherever found .....	E	62 FR 1645, 1/10/1997.
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> .	Salt marsh bird's-beak .....	Wherever found .....	E	43 FR 44810, 9/28/1978.
<i>Cordylanthus mollis</i> ssp. <i>mollis</i> .	Soft bird's-beak .....	Wherever found .....	E	62 FR 61916, 11/20/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Cordylanthus palmatus</i> .....	Palmate-bracted bird's-beak.	Wherever found .....	E	51 FR 23765, 7/1/1986.

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<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i> .	Pennell's bird's-beak .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Cornutia obovata</i> .....	Palo de nigua .....	Wherever found .....	E	53 FR 11610, 4/7/1988.
<i>Coryphantha ramillosa</i> .....	Bunched cory cactus .....	Wherever found .....	T	44 FR 64247, 11/6/1979.
<i>Coryphantha robbinsorum</i>	Cochise pincushion cactus	Wherever found .....	T	51 FR 952, 1/9/1986.
<i>Coryphantha scheeri</i> var. <i>robustispina</i> .	Pima pineapple cactus .....	Wherever found .....	E	58 FR 49875, 9/23/1993.
<i>Coryphantha sneedii</i> var. <i>leei</i> .	Lee pincushion cactus .....	Wherever found .....	T	44 FR 61554, 10/25/1979.
<i>Coryphantha sneedii</i> var. <i>sneedii</i> .	Sneed pincushion cactus	Wherever found .....	E	44 FR 64741, 11/7/1979.
<i>Cranichis ricartii</i> .....	None .....	Wherever found .....	E	56 FR 60933, 11/29/1991.
<i>Crescentia portoricensis</i> .....	Higuero de Sierra .....	Wherever found .....	E	52 FR 46085, 12/4/1987.
<i>Crotalaria avonensis</i> .....	Avon Park harebells .....	Wherever found .....	E	58 FR 25746, 4/27/1993.
<i>Cryptantha crassipes</i> .....	Terlingua Creek cats-eye	Wherever found .....	E	56 FR 49634, 9/30/1991.
<i>Cucurbita okeechobeensis</i> ssp. <i>okeechobeensis</i> .	Okeechobee gourd .....	Wherever found .....	E	58 FR 37432, 7/12/1993.
<i>Cyanea acuminata</i> .....	Haha .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea asarifolia</i> .....	Haha .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyanea asplenifolia</i> .....	Haha .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea calycina</i> .....	Haha .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea copelandii</i> ssp. <i>copelandii</i> .	Haha .....	Wherever found .....	E	59 FR 10305, 3/4/1994.
<i>Cyanea copelandii</i> ssp. <i>haleakalaensis</i> .	Haha .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea crispa</i> .....	Haha .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea dolichopoda</i> .....	Haha .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Cyanea dunbariae</i> .....	Haha .....	Wherever found .....	E	61 FR 53130, 10/10/1996; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea duvalliorum</i> .....	Haha .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea eleeleensis</i> .....	Haha .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Cyanea gibsonii</i> .....	Haha .....	Wherever found .....	E	56 FR 47686, 9/20/1991.
<i>Cyanea glabra</i> .....	Haha .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i> .	Haha .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea grimesiana</i> ssp. <i>obatae</i> .	Haha .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 59 FR 32932, 6/27/1994; 78 FR 32013, 5/28/2013; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea hamatiflora</i> ssp. <i>carlsonii</i> .	Haha .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Cyanea hamatiflora</i> ssp. <i>hamatiflora</i> .	Haha .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea horrida</i> .....	Haha nui .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea humboldtiana</i> .....	Haha .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea kauaulaensis</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Cyanea kolekoleensis</i> .....	Haha .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Cyanea koolauensis</i> .....	Haha .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea kuhihewa</i> .....	Haha .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Cyanea kunthiana</i> .....	Haha .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea lanceolata</i> .....	Haha .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea lobata</i> .....	Haha .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea longiflora</i> .....	Haha .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea magnicalyx</i> .....	Haha .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>

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<i>Cyanea mannii</i>	Haha	Wherever found	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea maritae</i>	Haha	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea marksii</i>	Haha	Wherever found	E	78 FR 64637, 10/29/2013.
<i>Cyanea mauiensis</i>	Haha	Wherever found	E	78 FR 32013, 5/28/2013.
<i>Cyanea mcelandowneyi</i>	Haha	Wherever found	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea munroi</i>	Haha	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea obtusa</i>	Haha	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyanea pinnatifida</i>	Haha	Wherever found	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea platyphylla</i>	Haha, akuaku	Wherever found	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Cyanea procera</i>	Haha	Wherever found	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea profuga</i>	Haha	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea purpurellifolia</i>	Haha	Wherever found	E	77 FR 57647, 9/18/2012.
<i>Cyanea recta</i>	Haha	Wherever found	T	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyanea remyi</i>	Haha	Wherever found	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyanea rivularis</i>	Haha	Wherever found	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyanea shipmanii</i>	Haha	Wherever found	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Cyanea solanacea</i>	Popolo	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyanea st.-johnii</i>	Haha	Wherever found	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea stictophylla</i>	Haha	Wherever found	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Cyanea superba</i>	No common name	Wherever found	E	56 FR 46235, 9/11/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea tritomantha</i>	Aku	Wherever found	E	78 FR 64637, 10/29/2013.
<i>Cyanea truncata</i>	Haha	Wherever found	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyanea undulata</i>	No common name	Wherever found	E	56 FR 47695, 9/20/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cycladenia humilis</i> var. <i>jonesii</i> .	Jones cycladenia	Wherever found	T	51 FR 16526, 5/5/1986.
<i>Cyperus fauriei</i>	No common name	Wherever found	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyperus neokunthianus</i>	No common name	Wherever found	E	50 CFR 17.99(k). <sup>CH</sup>
<i>Cyperus pennatiformis</i>	No common name	Wherever found	E	81 FR 67786, 9/30/2016. 59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyperus trachysanthos</i>	Puukaa	Wherever found	E	50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyrtandra crenata</i>	Haiwale	Wherever found	E	50 CFR 17.99(i). <sup>CH</sup>
<i>Cyrtandra cyaneoides</i>	Mapele	Wherever found	E	50 CFR 17.99(c). <sup>CH</sup>
<i>Cyrtandra dentata</i>	Haiwale	Wherever found	E	59 FR 14482, 3/28/1994. 61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Cyrtandra ferripilosa</i>	Haiwale	Wherever found	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Cyrtandra filipes</i>	Haiwale	Wherever found	E	50 CFR 17.99(j). <sup>CH</sup>
<i>Cyrtandra giffardii</i>	Haiwale	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Cyrtandra gracilis</i>	Haiwale	Wherever found	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Cyrtandra hematos</i>	Haiwale	Wherever found	E	50 CFR 17.99(e)(1). <sup>CH</sup>
				59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
				81 FR 67786, 9/30/2016.

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<i>Cyrtandra kaulantha</i> .....	Haiwale .....	Wherever found .....	E	77 FR 57647, 9/18/2012;
<i>Cyrtandra kealiae</i> ssp. <i>kealiae</i> .	Haiwale .....	Wherever found .....	T	50 CFR 17.99(i), <sup>CH</sup> 59 FR 9304, 2/25/1994;
<i>Cyrtandra munroi</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(a)(1), <sup>CH</sup> 57 FR 20772, 5/15/1992;
<i>Cyrtandra nanawaleensis</i> ..	Haiwale .....	Wherever found .....	E	50 CFR 17.99(e)(1), <sup>CH</sup> 78 FR 64637, 10/29/2013.
<i>Cyrtandra oenobarba</i> .....	Haiwale .....	Wherever found .....	E	75 FR 18960, 4/13/2010;
<i>Cyrtandra oxybapha</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(a), <sup>CH</sup> 78 FR 32013, 5/28/2013;
<i>Cyrtandra paliku</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(e)(1), <sup>CH</sup> 75 FR 18960, 4/13/2010;
<i>Cyrtandra polyantha</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(a), <sup>CH</sup> 59 FR 14482, 3/28/1994;
<i>Cyrtandra sessilis</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 77 FR 57647, 9/18/2012;
<i>Cyrtandra subumbellata</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 61 FR 53089, 10/10/1996;
<i>Cyrtandra tintinnabula</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 59 FR 10305, 3/4/1994;
<i>Cyrtandra viridiflora</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(k), <sup>CH</sup> 61 FR 53089, 10/10/1996;
<i>Cyrtandra wagneri</i> .....	Haiwale .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 78 FR 64637, 10/29/2013.
<i>Cyrtandra waiolani</i> .....	Haiwale .....	Wherever found .....	E	77 FR 57647, 9/18/2012;
<i>Dalea carthagenensis</i> var. <i>floridana</i> .	Florida prairie-clover .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 82 FR 46691, 10/06/2017.
<i>Dalea foliosa</i> .....	Leafy prairie-clover .....	Wherever found .....	E	56 FR 19953, 5/1/1991.
<i>Daphnopsis hellerana</i> .....	No common name .....	Wherever found .....	E	53 FR 23740, 6/23/1988.
<i>Deeringothamnus pulchellus</i> .	Beautiful pawpaw .....	Wherever found .....	E	51 FR 34415, 9/26/1986.
<i>Deeringothamnus rugelii</i> ....	Rugel's pawpaw .....	Wherever found .....	E	51 FR 34415, 9/26/1986.
<i>Deinandra</i> (= <i>Hemizonia</i> ) <i>conjugens</i> .	Otay tarplant .....	Wherever found .....	T	63 FR 54938, 10/13/1998;
<i>Deinandra increscens</i> ssp. <i>villosa</i> .	Gaviota tarplant .....	Wherever found .....	E	50 CFR 17.96(a), <sup>CH</sup> 65 FR 14888, 3/20/2000;
<i>Delissea rhytidosperma</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.96(a), <sup>CH</sup> 59 FR 9304, 2/25/1994;
<i>Delissea subcordata</i> .....	Oha .....	Wherever found .....	E	50 CFR 17.99(a)(1), <sup>CH</sup> 61 FR 53089, 10/10/1996;
<i>Delissea undulata</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 61 FR 53124, 10/10/1996;
<i>Delphinium bakeri</i> .....	Baker's larkspur .....	Wherever found .....	E	50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(k), <sup>CH</sup> 65 FR 4156, 1/26/2000;
<i>Delphinium luteum</i> .....	Yellow larkspur .....	Wherever found .....	E	50 CFR 17.96(a), <sup>CH</sup> 65 FR 4156, 1/26/2000;
<i>Dendrobium guamense</i> .....	No common name .....	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Dicerandra christmanii</i> .....	Garrett's mint .....	Wherever found .....	E	50 FR 45621, 11/1/1985;
<i>Dicerandra cornutissima</i> ....	Longspurred mint .....	Wherever found .....	E	54 FR 38946, 9/21/1989.
<i>Dicerandra frutescens</i> .....	Scrub mint .....	Wherever found .....	E	50 FR 45621, 11/1/1985;
<i>Dicerandra immaculata</i> .....	Lakela's mint .....	Wherever found .....	E	54 FR 38946, 9/21/1989.
<i>Digitaria pauciflora</i> .....	Florida crabgrass .....	Wherever found .....	T	50 FR 20212, 5/15/1985.
<i>Diplacis vandenbergensis</i>	Vandenberg monkeyflower	Wherever found .....	E	82 FR 46691, 10/06/2017.
<i>Dodecahema leptoceras</i> ....	Slender-horned spineflower.	Wherever found .....	E	79 FR 50844, 8/26/2014;
<i>Dracaena fernaldii</i> .....	Hala pepe .....	Wherever found .....	E	50 CFR 17.96(a), <sup>CH</sup> 52 FR 36265, 9/28/1987.
<i>Dracaena forbesii</i> .....	Hala pepe .....	Wherever found .....	E	78 FR 32014, 5/28/2013.
<i>Dracaena konaensis</i> .....	Hala pepe .....	Wherever found .....	E	77 FR 57648, 9/18/2012;
<i>Dubautia herbstobatae</i> .....	Naenae .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 61 FR 53137, 10/10/1996;
<i>Dubautia imbricata</i> ssp. <i>imbricata</i> .	Naenae .....	Wherever found .....	E	50 CFR 17.99(k), <sup>CH</sup> 56 FR 55770, 10/29/1991;
<i>Dubautia kalalauensis</i> .....	Naenae .....	Wherever found .....	E	50 CFR 17.99(i), <sup>CH</sup> 75 FR 18960, 4/13/2010;
<i>Dubautia kenwoodii</i> .....	Naenae .....	Wherever found .....	E	50 CFR 17.99(a), <sup>CH</sup> 75 FR 18960, 4/13/2010;
				50 CFR 17.99(a), <sup>CH</sup>

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<i>Dubautia latifolia</i> .....	Koholapehu .....	Wherever found .....	E	57 FR 20580, 5/13/1992;
<i>Dubautia pauciflora</i> .....	Naenae .....	Wherever found .....	E	50 CFR 17.99(a)(1). <sup>CH</sup> 56 FR 47695, 9/20/1991;
<i>Dubautia plantaginea</i> ssp. <i>humilis</i> .	Naenae .....	Wherever found .....	E	50 CFR 17.99(a)(1). <sup>CH</sup> 64 FR 48307, 9/3/1999;
<i>Dubautia plantaginea</i> ssp. <i>magnifolia</i> .	Naenae .....	Wherever found .....	E	50 CFR 17.99(e)(1). <sup>CH</sup> 75 FR 18960, 4/13/2010;
<i>Dubautia waialealae</i> .....	Naenae .....	Wherever found .....	E	50 CFR 17.99(a). <sup>CH</sup> 75 FR 18960, 4/13/2010;
<i>Dudleya abramsii</i> ssp. <i>parva</i> .	Conejo dudleya .....	Wherever found .....	T	50 CFR 17.99(a). <sup>CH</sup> 62 FR 4172, 1/29/1997.
<i>Dudleya cymosa</i> ssp. <i>marcescens</i> .	Marcescent dudleya .....	Wherever found .....	T	62 FR 4172, 1/29/1997.
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i> .	Santa Monica Mountains dudleya.	Wherever found .....	T	62 FR 4172, 1/29/1997.
<i>Dudleya nesiotica</i> .....	Santa Cruz Island dudleya	Wherever found .....	T	62 FR 40954, 7/31/1997.
<i>Dudleya setchellii</i> .....	Santa Clara Valley dudleya.	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Dudleya stolonifera</i> .....	Laguna Beach liveforever	Wherever found .....	T	63 FR 54938, 10/13/1998.
<i>Dudleya traskiae</i> .....	Santa Barbara Island liveforever.	Wherever found .....	E	43 FR 17910, 4/26/1978.
<i>Dudleya verityi</i> .....	Verity's dudleya .....	Wherever found .....	T	62 FR 4172, 1/29/1997.
<i>Echinacea laevigata</i> .....	Smooth coneflower .....	Wherever found .....	T	57 FR 46340, 10/8/1992; 87 FR 40100, 7/6/2022; 50 CFR 17.73(f). <sup>4d</sup>
<i>Echinacea laevigata</i> .....	Smooth coneflower .....	Wherever found .....	E	57 FR 46340, 10/8/1992.
<i>Echinocactus horizontalis</i> var. <i>nicholii</i> .	Nichol's Turk's head cactus.	Wherever found .....	E	44 FR 61927, 10/26/1979.
<i>Echinocereus arizonicus</i> ssp. <i>arizonicus</i> .	Arizona hedgehog cactus	Wherever found .....	E	44 FR 61556, 10/25/1979.
<i>Echinocereus chisoensis</i> var. <i>chisoensis</i> .	Chisos hedgehog cactus ..	Wherever found .....	T	53 FR 38453, 9/30/1988.
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i> .	Kuenzler hedgehog cactus	Wherever found .....	T	44 FR 61924, 10/26/1979; 83 FR 21928, 5/11/2018.
<i>Echinocereus reichenbachii</i> var. <i>albertii</i> .	Black lace cactus .....	Wherever found .....	E	44 FR 61918, 10/26/1979.
<i>Echinocereus viridiflorus</i> var. <i>davisii</i> .	Davis's green pitaya .....	Wherever found .....	E	44 FR 64738, 11/7/1979.
<i>Echinomastus erectocentrus</i> var. <i>acunensis</i> .	Acuña cactus .....	Wherever found .....	E	78 FR 60607, 10/1/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i> .	Ash Meadows sunray .....	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eragrostis fosbergii</i> .....	Fosberg's love grass .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Eremalche kernensis</i> .....	Kern mallow .....	Wherever found .....	E	55 FR 29361, 7/19/1990.
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i> .	Santa Ana River woolly-star.	Wherever found .....	E	52 FR 36265, 9/28/1987.
<i>Erigeron decumbens</i> .....	Willamette daisy .....	Wherever found .....	E	65 FR 3875, 1/25/2000; 50 CFR 17.96. <sup>CH</sup>
<i>Erigeron parishii</i> .....	Parish's daisy .....	Wherever found .....	T	59 FR 43652, 8/24/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Erigeron rhizomatus</i> .....	Zuni fleabane .....	Wherever found .....	T	50 FR 16680, 4/26/1985.
<i>Eriodictyon altissimum</i> .....	Indian Knob mountain balm.	Wherever found .....	E	59 FR 64613, 12/15/1994.
<i>Eriodictyon capitatum</i> .....	Lompoc yerba santa .....	Wherever found .....	E	65 FR 14888, 3/20/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriogonum apricum</i> (incl. var. <i>prostratum</i> ).	Ione (incl. Irish Hill) buck-wheat.	Wherever found .....	E	64 FR 28403, 5/26/1999.
<i>Eriogonum codium</i> .....	Umtanum desert buck-wheat.	Wherever found .....	T	78 FR 23983, 4/23/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriogonum gypsophilum</i> ....	Gypsum wild-buckwheat ...	Wherever found .....	T	46 FR 5730, 1/19/1981; 46 FR 40025, 8/6/1981; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriogonum kennedyi</i> var. <i>austromontanum</i> .	Southern mountain wild-buckwheat.	Wherever found .....	T	63 FR 49006, 9/14/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i> .	Scrub buckwheat .....	Wherever found .....	T	58 FR 25746, 4/27/1993.
<i>Eriogonum ovalifolium</i> var. <i>vineum</i> .	Cushenbury buckwheat ....	Wherever found .....	E	59 FR 43652, 8/24/1994; 50 CFR 17.96(a). <sup>CH</sup>

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<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i> .	Steamboat buckwheat .....	Wherever found .....	E	51 FR 24669, 7/8/1986.
<i>Eriogonum pelinophilum</i> ....	Clay-loving wild buckwheat.	Wherever found .....	E	49 FR 28562, 7/13/1984; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriogonum tiehmii</i> .....	Tiehm's buckwheat .....	Wherever found .....	E	87 FR 77368, 12/16/2022; 50 CFR 17.96(a). <sup>CH</sup>
<i>Eriophyllum latilobum</i> .....	San Mateo woolly sunflower.	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Eryngium aristulatum</i> var. <i>parishii</i> .	San Diego button-celery ...	Wherever found .....	E	58 FR 41384, 8/3/1993.
<i>Eryngium constancei</i> .....	Loch Lomond coyote-thistle.	Wherever found .....	E	50 FR 31187, 8/1/1985; 51 FR 45904, 12/23/1986.
<i>Eryngium cuneifolium</i> .....	Snakeroot .....	Wherever found .....	E	52 FR 2227, 1/21/1987.
<i>Eryngium sparganophyllum</i>	Arizona eryngo .....	Wherever found .....	E	87 FR 35431, June 10, 2022; 50 CFR 17.96(a). <sup>CH</sup>
<i>Erysimum capitatum</i> var. <i>angustatum</i> .	Contra Costa wallflower ...	Wherever found .....	E	43 FR 17910, 4/26/1978; 50 CFR 17.96(a). <sup>CH</sup>
<i>Erysimum menziesii</i> .....	Menzies' wallflower .....	Wherever found .....	E	57 FR 27848, 6/22/1992.
<i>Erysimum teretifolium</i> .....	Ben Lomond wallflower ....	Wherever found .....	E	59 FR 5499, 2/4/1994.
<i>Erythronium propullans</i> .....	Minnesota dwarf trout lily	Wherever found .....	E	51 FR 10521, 3/26/1986.
<i>Escobaria minima</i> .....	Nellie's cory cactus .....	Wherever found .....	E	44 FR 64738, 11/7/1979.
<i>Eugenia bryanii</i> .....	No common name .....	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Eugenia haematocarpa</i> .....	Uvillo .....	Wherever found .....	E	59 FR 60565, 11/25/1994.
<i>Eugenia koolauensis</i> .....	Nioi .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Eugenia woodburyana</i> .....	No common name .....	Wherever found .....	T	59 FR 46715, 9/9/1994; 87 FR 73994, 12/2/2022; 50 CFR 17.73(e). <sup>4d</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>celastroides</i> var. <i>kaenana</i> .	Akoko .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>deppeana</i> .	Akoko .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>eleanoriae</i> .	Akoko .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Euphorbia haeleleana</i> .....	Akoko .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>halemanui</i> .	Akoko .....	Wherever found .....	E	57 FR 20580, 5/13/1992; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>herbstii</i> .	Akoko .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>kuwaleana</i> .	Akoko .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>remyi</i> var. <i>kauaiensis</i> .	Akoko .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>remyi</i> var. <i>remyi</i> .	Akoko .....	Wherever found .....	E	76 FR 15609, 5/5/2011; 50 CFR 17.99(a). <sup>CH</sup>
<i>Euphorbia</i> (=Chamaesyce) <i>rockii</i> .	Akoko .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia skottsbergii</i> var. <i>skottsbergii</i> .	Akoko .....	Wherever found .....	E	47 FR 36846, 8/24/1982; 50 CFR 17.99(i). <sup>CH</sup>
<i>Euphorbia telephioides</i> .....	Telephus spurge .....	Wherever found .....	T	57 FR 19813, 5/8/1992.
<i>Eutrema pentlandii</i> .....	Mosquito Range mustard	Wherever found .....	T	58 FR 40539, 7/28/1993.
<i>Exocarpos luteolus</i> .....	Heau .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Exocarpos menziesii</i> .....	Heau .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Festuca hawaiiensis</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Festuca ligulata</i> .....	Guadalupe fescue .....	Wherever found .....	E	82 FR 42245, 9/7/2017.
<i>Festuca moloakaiensis</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Flueggea neowawraea</i> .....	Mehamehame .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>

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<i>Fremontodendron californicum</i> ssp. <i>decumbens</i> .	Pine Hill flannelbush .....	Wherever found .....	E	61 FR 54346, 10/18/1996.
<i>Fremontodendron mexicanum</i> .	Mexican flannelbush .....	Wherever found .....	E	63 FR 54956, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Fritillaria gentneri</i> .....	Gentner's fritillary .....	Wherever found .....	E	64 FR 69195, 12/10/1999.
<i>Galactia smallii</i> .....	Small's milkpea .....	Wherever found .....	E	50 FR 29345, 7/18/1985.
<i>Galium buxifolium</i> .....	Island bedstraw .....	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Galium californicum</i> ssp. <i>sierrae</i> .	El Dorado bedstraw .....	Wherever found .....	E	61 FR 54346, 10/18/1996.
<i>Gardenia brighamii</i> .....	Nanu .....	Wherever found .....	E	50 FR 33728, 8/21/1985.
<i>Gardenia mannii</i> .....	Nanu .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Gardenia remyi</i> .....	Nanu .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Geocarpon minimum</i> .....	No common name .....	Wherever found .....	T	52 FR 22930, 6/16/1987.
<i>Geranium arboreum</i> .....	Nohoanu .....	Wherever found .....	E	57 FR 20589, 5/13/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Geranium hanaense</i> .....	Nohoanu .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Geranium hillebrandii</i> .....	Nohoanu .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Geranium kauaiense</i> .....	Nohoanu .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Geranium multiflorum</i> .....	Nohoanu .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Gesneria pauciflora</i> .....	No common name .....	Wherever found .....	T	60 FR 12483, 3/7/1995.
<i>Geum radiatum</i> .....	Spreading avens .....	Wherever found .....	E	55 FR 12793, 4/5/1990.
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i> .	Monterey gilia .....	Wherever found .....	E	57 FR 27848, 6/22/1992.
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i> .	Hoffmann's slender-flow-ered gilia.	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Goetzea elegans</i> .....	Beautiful goetzea or matabuey.	Wherever found .....	E	50 FR 15564, 4/19/1985.
<i>Gonocalyx concolor</i> .....	No common name .....	Wherever found .....	E	79 FR 53303, 9/9/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Gouania hillebrandii</i> .....	No common name .....	Wherever found .....	E	49 FR 44753, 11/19/1984; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(e)(2); <sup>CH</sup> 50 CFR 17.96(a). <sup>CH</sup>
<i>Gouania meyenii</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Gouania vitifolia</i> .....	No common name .....	Wherever found .....	E	59 FR 32932, 6/27/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Graptopetalum bartramii</i> ...	Bartram's stonecrop .....	Wherever found .....	T	86 FR 48545, 8/31/2021; 50 CFR 17.73(a). <sup>4d</sup>
<i>Grindelia fraxino-pratensis</i>	Ash Meadows gumplant ...	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Hackelia venusta</i> .....	Showy stickseed .....	Wherever found .....	E	67 FR 5515, 2/6/2002.
<i>Haplostachys haplostachya</i>	No common name .....	Wherever found .....	E	44 FR 62468, 10/30/1979.
<i>Harperocalis flava</i> .....	Harper's beauty .....	Wherever found .....	E	44 FR 56862, 10/2/1979.
<i>Harrisia aboriginum</i> .....	Prickly-apple, aboriginal ...	Wherever found .....	E	78 FR 63795, 10/24/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Harrisia portoricensis</i> .....	Higo chumbo .....	Wherever found .....	T	55 FR 32252, 8/8/1990.
<i>Hedeoma todsenii</i> .....	Todsen's pennyroyal .....	Wherever found .....	E	46 FR 5730, 1/19/1981; 46 FR 40025, 8/6/1981; 50 CFR 17.96(a). <sup>CH</sup>
<i>Hedyotis megalantha</i> .....	Pau dedu, Pao doodu .....	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Hedyotis purpurea</i> var. <i>montana</i> .	Roan Mountain bluet .....	Wherever found .....	E	55 FR 12793, 4/5/1990.
<i>Helenium virginicum</i> .....	Virginia sneezeweed .....	Wherever found .....	T	63 FR 59239, 11/3/1998.
<i>Helianthemum greenii</i> .....	Island rush-rose .....	Wherever found .....	T	62 FR 40954, 7/31/1997.
<i>Helianthus paradoxus</i> .....	Pecos (=puzzle, =paradox) sunflower.	Wherever found .....	T	64 FR 56583, 10/20/1999; 50 CFR 17.96(a). <sup>CH</sup>
<i>Helianthus schweinitzii</i> .....	Schweinitz's sunflower .....	Wherever found .....	E	56 FR 21087, 5/7/1991.
<i>Helianthus verticillatus</i> .....	Whorled sunflower .....	Wherever found .....	E	79 FR 44712, 8/1/2014.
<i>Helonias bullata</i> .....	Swamp pink .....	Wherever found .....	T	53 FR 5076, 9/9/1988.
<i>Heritiera longipetiolata</i> .....	Ufa halumtanu, Ufa halom tano.	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Hesperolinon congestum</i> ...	Marin dwarf-flax .....	Wherever found .....	T	60 FR 6671, 2/3/1995.

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<i>Hesperomannia arborescens</i> .	No common name .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup>
<i>Hesperomannia arbuscula</i>	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup>
<i>Hesperomannia lydgatei</i> ....	No common name .....	Wherever found .....	E	56 FR 47695, 9/20/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Hexastylis naniflora</i> .....	Dwarf-flowered heartleaf ..	Wherever found .....	T	54 FR 14964, 4/14/1989.
<i>Hibiscadelphus distans</i> .....	Kauai hau kuahiwi .....	Wherever found .....	E	51 FR 15903, 4/29/1986.
<i>Hibiscadelphus giffardianus</i>	Hau kuahiwi .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Hibiscadelphus hualalaiensis</i> .	Hau kuahiwi .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Hibiscadelphus woodii</i> .....	Hau kuahiwi .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Hibiscus arnotianus</i> ssp. <i>immaculatus</i> .	Kokio keokeo .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Hibiscus brackenridgei</i> .....	Mao hau hele .....	Wherever found .....	E	59 FR 5633, 11/11/1994; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(e)(2); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Hibiscus clayi</i> .....	Clay's hibiscus .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Hibiscus dasycalyx</i> .....	Neches River rose-mallow	Wherever found .....	T	78 FR 56025, 9/11/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Hibiscus waimeae</i> ssp. <i>hannerae</i> .	Kokio keokeo .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Hoffmannseggia tenella</i> .....	Slender rush-pea .....	Wherever found .....	E	50 FR 45621, 11/1/1985.
<i>Holocarpha macradenia</i> .....	Santa Cruz tarplant .....	Wherever found .....	T	65 FR 14898, 3/20/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Hudsonia montana</i> .....	Mountain golden heather ..	Wherever found .....	T	45 FR 69360, 10/20/1980; 50 CFR 17.96(a). <sup>CH</sup>
<i>Hymenoxys herbacea</i> .....	Lakeside daisy .....	Wherever found .....	T	53 FR 23742, 6/23/1988.
<i>Hymenoxys texana</i> .....	Texas prairie dawn-flower	Wherever found .....	E	51 FR 8681, 3/13/1986.
<i>Hypericum cumulicola</i> .....	Highlands scrub hypericum.	Wherever found .....	E	52 FR 2227, 1/21/1987.
<i>Ilex cookii</i> .....	Cook's holly .....	Wherever found .....	E	52 FR 22936, 6/16/1986.
<i>Ilex sintenisii</i> .....	None .....	Wherever found .....	E	57 FR 14782, 4/22/1992.
<i>Iliamna corei</i> .....	Peter's Mountain mallow ..	Wherever found .....	E	51 FR 17343, 5/12/1986.
<i>Ipomopsis polyantha</i> .....	Pagosa skyrocket .....	Wherever found .....	E	76 FR 45053, 7/27/2011; 50 CFR 17.96(a). <sup>CH</sup>
<i>Ipomopsis sancti-spiritus</i> ...	Holy Ghost ipomopsis .....	Wherever found .....	E	59 FR 13836, 3/23/1994.
<i>Iris lacustris</i> .....	Dwarf lake iris .....	Wherever found .....	T	53 FR 37972, 9/28/1988.
<i>Ischaemum byrone</i> .....	Hilo ischaemum .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Isodendron hosakae</i> .....	Aupaka .....	Wherever found .....	T	56 FR 1454, 1/14/1991; 50 CFR 17.99(k). <sup>CH</sup>
<i>Isodendron laurifolium</i> .....	Aupaka .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup>
<i>Isodendron longifolium</i> .....	Aupaka .....	Wherever found .....	T	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup>
<i>Isodendron pyrifolium</i> .....	Wahine noho kula .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup>
<i>Isotria medeoloides</i> .....	Small whorled pogonia .....	Wherever found .....	T	47 FR 39827, 9/9/1982; 59 FR 50852, 10/6/1994.
<i>Ivesia kingii</i> var. <i>eremica</i> ...	Ash Meadows ivesia .....	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Ivesia webberi</i> .....	Webber's ivesia .....	Wherever found .....	T	79 FR 31878, 6/3/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Jacquemontia reclinata</i> .....	Beach jacquemontia .....	Wherever found .....	E	58 FR 62046, 11/24/1993.
<i>Jatropha costaricensis</i> .....	Costa Rican jatropha .....	Wherever found .....	E	49 FR 30199, 7/27/1984.

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<i>Joinvillea ascendens</i> ssp. <i>ascendens</i> .	Ohe .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Juglans jamaicensis</i> .....	Nogal or West Indian walnut.	Wherever found .....	E	62 FR 1691, 1/13/1997.
<i>Justicia cooleyi</i> .....	Cooley's water-willow .....	Wherever found .....	E	54 FR 31190, 7/27/1989.
<i>Kadua cookiana</i> .....	Awiwi .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Kadua cordata</i> ssp. <i>remyi</i> ..	Kopa .....	Wherever found .....	E	64 FR 48307, 9/3/1999.
<i>Kadua coriacea</i> .....	Kioele .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Kadua degeneri</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Kadua fluviatilis</i> .....	Kamapuaa .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Kadua haupuensis</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Kadua laxiflora</i> .....	Pilo .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Kadua parvula</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Kadua (=Hedyotis) st.-johnii</i>	No common name .....	Wherever found .....	E	56 FR 49639, 9/30/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Kanaloa kahoolawensis</i> .....	Ka palupalu o Kanaloa, Kohe malama malama o Kanaloa.	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(e)(2). <sup>CH</sup>
<i>Keysseria erici</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Keysseria helenae</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Kokia cookei</i> .....	Kokio .....	Wherever found .....	E	44 FR 62470, 10/30/1979; 50 CFR 17.99(c). <sup>CH</sup>
<i>Kokia drynarioides</i> .....	Kokio .....	Wherever found .....	E	49 FR 47397, 12/4/1984; 50 CFR 17.96(a). <sup>CH</sup>
<i>Kokia kauaiensis</i> .....	Kokio .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Korthalsella degeneri</i> .....	Hulumoa .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Labordia cyrtandrae</i> .....	Kamakahala .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Labordia helleri</i> .....	Kamakahala .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Labordia lydgatei</i> .....	Kamakahala .....	Wherever found .....	E	56 FR 47695, 9/20/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Labordia pumila</i> .....	Kamakahala .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Labordia tinifolia</i> var. <i>lanaiensis</i> .	Kamakahala .....	Wherever found .....	E	64 FR 48307, 9/3/1999.
<i>Labordia lorenciana</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Labordia tinifolia</i> var. <i>wahiawaensis</i> .	Kamakahala .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Labordia triflora</i> .....	Kamakahala .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(c). <sup>CH</sup>
<i>Lasthenia burkei</i> .....	Burke's goldfields .....	Wherever found .....	E	56 FR 61173, 12/2/1991.
<i>Lasthenia conjugens</i> .....	Contra Costa goldfields .....	Wherever found .....	E	62 FR 33029, 6/18/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Layia carnosa</i> .....	Beach layia .....	Wherever found .....	T	57 FR 27848, 6/22/1992; 87 FR 18722, 3/31/2022; 50 CFR 17.73(b). <sup>4d</sup>
<i>Leavenworthia crassa</i> .....	fleshy-fruit glade cress .....	Wherever found .....	E	79 FR 44712, 8/1/2014.
<i>Leavenworthia exigua</i> var. <i>laciniata</i> .	Kentucky glade cress .....	Wherever found .....	T	79 FR 25683, 5/6/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Leavenworthia texana</i> .....	Texas golden glade cress .....	Wherever found .....	E	78 FR 56025, 9/11/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Lembertia congdonii</i> .....	San Joaquin woolly-threads.	Wherever found .....	E	55 FR 29361, 7/19/1990.
<i>Lepidium arbuscula</i> .....	Anaunau .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lepidium bamebyanum</i> .....	Barneby ridge-cress .....	Wherever found .....	E	55 FR 39860, 9/28/1990.
<i>Lepidium papilliferum</i> .....	Slickspot peppergrass .....	Wherever found .....	T	74 FR 52014, 10/8/2009; 81 FR 55058, 8/17/2016; 50 CFR 17.96(a). <sup>CH</sup>

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<i>Lepidium orbiculare</i> .....	Anaunau .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Leptocereus grantianus</i> .....	No common name .....	Wherever found .....	E	58 FR 11550, 2/26/1993.
<i>Lespedeza leptostachya</i> ....	Prairie bush-clover .....	Wherever found .....	T	52 FR 781, 1/9/1987.
<i>Lesquerella congesta</i> .....	Dudley Bluffs bladderpod .....	Wherever found .....	T	55 FR 4152, 2/6/1990.
<i>Lesquerella kingii</i> ssp. <i>bernardina</i> .	San Bernardino Mountains bladderpod.	Wherever found .....	E	59 FR 43652, 8/24/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Lesquerella lyrata</i> .....	Lyrate bladderpod .....	Wherever found .....	T	55 FR 39864, 9/28/1990.
<i>Lesquerella perforata</i> .....	Spring Creek bladderpod .....	Wherever found .....	E	61 FR 67493, 12/23/1996.
<i>Lesquerella tumulosa</i> .....	Kodachrome bladderpod ..	Wherever found .....	E	58 FR 52027, 10/6/1993.
<i>Lessingia germanorum</i> (-L. g. var. <i>germanorum</i> ).	San Francisco lessingia ...	Wherever found .....	E	62 FR 33368, 6/19/1997.
<i>Liatris helleri</i> .....	Heller's blazingstar .....	Wherever found .....	T	52 FR 44397, 11/19/1987.
<i>Liatris ohlingerae</i> .....	Scrub blazingstar .....	Wherever found .....	E	54 FR 31190, 7/27/1989.
<i>Lilaeopsis schaffneriana</i> var. <i>recurva</i> .	Huachuca water-umbel ....	Wherever found .....	E	62 FR 665, 1/6/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Lilium occidentale</i> .....	Western lily .....	Wherever found .....	E	59 FR 42171, 8/17/1994.
<i>Lilium pardalinum</i> ssp. <i>pitkinense</i> .	Pitkin Marsh lily .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Limnanthes floccosa</i> ssp. <i>californica</i> .	Butte County meadowfoam.	Wherever found .....	E	57 FR 24192, 6/8/1992; 50 CFR 17.96(a). <sup>CH</sup>
<i>Limnanthes pumila</i> ssp. <i>grandiflora</i> .	Large-flowered woolly meadowfoam.	Wherever found .....	E	67 FR 68004, 11/7/2002; 50 CFR 17.96(a). <sup>CH</sup>
<i>Limnanthes vinculans</i> .....	Sebastopol meadowfoam .....	Wherever found .....	E	56 FR 61173, 12/2/1991.
<i>Lindera melissifolia</i> .....	Pondberry .....	Wherever found .....	E	51 FR 27495, 7/31/1986.
<i>Linum arenicola</i> .....	Sand flax .....	Wherever found .....	E	81 FR 66842, 9/29/2016.
<i>Linum carteri</i> var. <i>carteri</i> ....	Carter's small-flowered flax.	Wherever found .....	E	79 FR 52567, 9/4/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Lipochaeta fauriei</i> .....	Nehe .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Lipochaeta lobata</i> var. <i>leptophylla</i> .	Nehe .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lipochaeta micrantha</i> .....	Nehe .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Lipochaeta venosa</i> .....	No common name .....	Wherever found .....	E	44 FR 62468, 10/30/1979.
<i>Lipochaeta waimeaeensis</i> ...	Nehe .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Lithophragma maximum</i> ....	San Clemente Island woodland-star.	Wherever found .....	E	62 FR 42692, 8/8/1997.
<i>Lobelia (gaudichaudii</i> ssp.) <i>koalauensis</i> .	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lobelia monostachya</i> .....	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lobelia niihauensis</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lobelia oahuensis</i> .....	No common name .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(i). <sup>CH</sup>
<i>Lomatium cookii</i> .....	Cook's lomatium (Cook's desert parsley).	Wherever found .....	E	67 FR 68004, 11/7/2002; 50 CFR 17.96(a). <sup>CH</sup>
<i>Lupinus aridorum</i> .....	Scrub lupine .....	Wherever found .....	E	52 FR 11172, 4/7/1987.
<i>Lupinus nipomensis</i> .....	Nipomo Mesa lupine .....	Wherever found .....	E	65 FR 14888, 3/20/2000.
<i>Lupinus sulphureus</i> ssp. <i>kincaidii</i> .	Kincaid's lupine .....	Wherever found .....	T	65 FR 3875, 1/25/2000; 50 CFR 17.96. <sup>CH</sup>
<i>Lupinus tidestromii</i> .....	Clover lupine .....	Wherever found .....	E	57 FR 27848, 6/22/1992.
<i>Lyonia truncata</i> var. <i>proctorii</i> .	No common name .....	Wherever found .....	E	58 FR 25755, 4/27/1993.
<i>Lysimachia asperulaefolia</i>	Rough-leaved loosestrife ..	Wherever found .....	E	52 FR 22585, 6/12/1987.
<i>Lysimachia daphnoides</i> ....	Lehua makanoe .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Lysimachia filifolia</i> .....	No common name .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Lysimachia iniki</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup>
<i>Lysimachia iniki</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Lysimachia lydgatei</i> .....	No common name .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Lysimachia maxima</i> .....	No common name .....	Wherever found .....	E	61 FR 53130, 10/10/1996; 50 CFR 17.99(c). <sup>CH</sup>
<i>Lysimachia pendens</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Lysimachia scopulensis</i> ....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>

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<i>Lysimachia venosa</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Macbridea alba</i> .....	White birds-in-a-nest .....	Wherever found .....	T	57 FR 19813, 5/8/1992.
<i>Maesa walkeri</i> .....	No common name .....	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i> .	Santa Cruz Island bushmallow.	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Malacothrix indecora</i> .....	Santa Cruz Island malacothrix.	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Malacothrix squalida</i> .....	Island malacothrix .....	Wherever found .....	E	56 FR 49850, 10/2/1991.
<i>Manihot walkerae</i> .....	Walker's manioc .....	Wherever found .....	E	53 FR 34698, 9/7/1988.
<i>Marshallia mohrii</i> .....	Mohr's Barbara's buttons .....	Wherever found .....	T	57 FR 20772, 5/15/1992;
<i>Melanthera kamolensis</i> .....	Nehe .....	Wherever found .....	E	50 CFR 17.99(e)(1). <sup>CH</sup> 56 FR 55770, 10/29/1991;
<i>Melanthera tenuifolia</i> .....	Nehe .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 59 FR 62346, 12/5/1994;
<i>Melicope adscendens</i> .....	Alani .....	Wherever found .....	E	50 CFR 17.99(e)(1). <sup>CH</sup> 59 FR 62346, 12/5/1994;
<i>Melicope balloui</i> .....	Alani .....	Wherever found .....	E	50 CFR 17.99(e)(1). <sup>CH</sup> 77 FR 57647, 9/18/2012;
<i>Melicope christophersenii</i> .....	Alani .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 77 FR 57648, 9/18/2012;
<i>Melicope cornuta</i> var. <i>cornuta</i> .	No common name .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 77 FR 57648, 9/18/2012;
<i>Melicope cornuta</i> var. <i>decurrens</i> .	No common name .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope degeneri</i> .....	Alani .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Melicope haupuensis</i> .....	Alani .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Melicope hiiaekae</i> .....	Alani .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope knudsenii</i> .....	Alani .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Melicope lydgatei</i> .....	Alani .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope makahae</i> .....	Alani .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope mucronulata</i> .....	Alani .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(c). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Melicope munroi</i> .....	Alani .....	Wherever found .....	E	64 FR 48307, 9/3/1999; 50 CFR 17.99(c). <sup>CH</sup>
<i>Melicope ovalis</i> .....	Alani .....	Wherever found .....	E	59 FR 62346, 12/5/1994; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Melicope pallida</i> .....	Alani .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope paniculata</i> .....	Alani .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Melicope puberula</i> .....	Alani .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Melicope quadrangularis</i> .....	Alani .....	Wherever found .....	E	59 FR 9304, 2/25/1994.
<i>Melicope reflexa</i> .....	Alani .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Melicope remyi</i> .....	No common name .....	Wherever found .....	E	78 FR 64638, 10/29/2013.
<i>Melicope rostrata</i> .....	Pilo kea lau lii .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Melicope saint-johnii</i> .....	Alani .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Melicope zahlbruckneri</i> .....	Alani .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Mentzelia leucophylla</i> .....	Ash Meadows blazing-star .....	Wherever found .....	T	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Mezoneuron kavaiense</i> .....	Uhiuhi .....	Wherever found .....	E	51 FR 24672, 7/8/1986.
<i>Mimulus michiganensis</i> (= <i>Mimulus glabratus</i> var. <i>michiganensis</i> ).	Michigan monkey-flower .....	Wherever found .....	E	55 FR 25596, 6/21/1990; 75 FR 55686, 9/14/2010.
<i>Mirabilis mactarlanei</i> .....	MacFarlane's four-o'clock .....	Wherever found .....	T	44 FR 61912, 10/26/1979; 61 FR 10693, 3/15/1996.
<i>Mitracarpus maxwelliae</i> .....	No common name .....	Wherever found .....	E	59 FR 46715, 9/9/1994.
<i>Mitracarpus polycladus</i> .....	No common name .....	Wherever found .....	E	59 FR 46715, 9/9/1994.

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<i>Monardella viminea</i> .....	Willow monardella .....	Wherever found .....	E	63 FR 54938, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Mucuna persericea</i> .....	Sea bean .....	Wherever found .....	E	78 FR 32014, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Myrcia paganii</i> .....	No common name .....	Wherever found .....	E	59 FR 8138, 2/18/1994.
<i>Myrsine fosbergii</i> .....	Kolea .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Myrsine juddii</i> .....	Kolea .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Myrsine knudsenii</i> .....	Kolea .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Myrsine linearifolia</i> .....	Kolea .....	Wherever found .....	T	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Myrsine mezii</i> .....	Kolea .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Myrsine vaccinioides</i> .....	Kolea .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Navarretia fossalis</i> .....	Spreading navarretia .....	Wherever found .....	T	63 FR 54975, 10/13/1998; 50 CFR 17.96(a). <sup>CH</sup>
<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i> (=N. <i>pauciflora</i> ).	Few-flowered navarretia .....	Wherever found .....	E	62 FR 33029, 6/18/1997.
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i> .	Many-flowered navarretia .....	Wherever found .....	E	62 FR 33029, 6/18/1997.
<i>Neostaphia colusana</i> .....	Colusa grass .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Neraudia angulata</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(j). <sup>CH</sup>
<i>Neraudia ovata</i> .....	No common name .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Neraudia sericea</i> .....	No common name .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(c). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup> 50 CFR 17.99(e)(2). <sup>CH</sup>
<i>Nervilia jacksoniae</i> .....	No common name .....	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Nesogenes rotensis</i> .....	No common name .....	Wherever found .....	E	69 FR 10335, 3/5/2004.
<i>Nitrophila mohavensis</i> .....	Amargosa niterwort .....	Wherever found .....	E	50 FR 20777, 5/20/1985; 50 CFR 17.96(a). <sup>CH</sup>
<i>Nolina brittoniana</i> .....	Britton's beargrass .....	Wherever found .....	E	58 FR 25746, 4/27/1993.
<i>Nothoestrum breviflorum</i> .....	Aiea .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Nothoestrum latifolium</i> .....	Aiea .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Nothoestrum peltatum</i> .....	Aiea .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Nototrichium humile</i> .....	Kului .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(e)(1). <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Ochrosia haleakalae</i> .....	Holei .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Ochrosia kilaueaensis</i> .....	Holei .....	Wherever found .....	E	59 FR 10305, 3/4/1994.
<i>Oenothera deltooides</i> ssp. <i>howellii</i> .	Antioch Dunes evening- primrose.	Wherever found .....	E	43 FR 17910, 4/26/1978; 50 CFR 17.96(a). <sup>CH</sup>
<i>Opuntia treleasei</i> .....	Bakersfield cactus .....	Wherever found .....	E	55 FR 29361, 7/19/1990.
<i>Orcuttia californica</i> .....	California Orcutt grass .....	Wherever found .....	E	58 FR 41384, 8/3/1993.
<i>Orcuttia inaequalis</i> .....	San Joaquin Valley Orcutt grass.	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Orcuttia pilosa</i> .....	Hairy Orcutt grass .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Orcuttia tenuis</i> .....	Slender Orcutt grass .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Orcuttia viscida</i> .....	Sacramento Orcutt grass .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Osmoxylon mariannense</i> .....	No common name .....	Wherever found .....	E	69 FR 10335, 3/5/2004.
<i>Ottoschulzia rhodoxylon</i> .....	Palo de rosa .....	Wherever found .....	T	55 FR 13488, 4/10/1990; 87 FR 66591, 11/4/ 2022; 50 CFR 17.73(g). <sup>4d</sup>
<i>Oxypolis canbyi</i> .....	Canby's dropwort .....	Wherever found .....	E	51 FR 6690, 2/25/1986.
<i>Oxytheca parishii</i> var. <i>goodmaniana</i> .	Cushenbury oxytheca .....	Wherever found .....	E	59 FR 43652, 8/24/1994; 50 CFR 17.96(a). <sup>CH</sup>
<i>Oxytropis campestris</i> var. <i>chartacea</i> .	Fassett's locoweed .....	Wherever found .....	T	53 FR 37970, 9/28/1988.
<i>Packera franciscana</i> .....	San Francisco Peaks ragwort.	Wherever found .....	T	48 FR 52743, 11/22/1983; 50 CFR 17.96(a). <sup>CH</sup>

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<i>Panicum fauriei</i> var. <i>carteri</i>	Carter's panicgrass .....	Wherever found .....	E	48 FR 46328, 10/12/1983; 50 CFR 17.96(a). <sup>CH</sup>
<i>Panicum niuhauense</i> .....	Lau ehu .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Paronychia chartacea</i> .....	Papery whitlow-wort .....	Wherever found .....	T	52 FR 2227, 1/21/1987.
<i>Parvisedum leiocarpum</i> .....	Lake County stonecrop ....	Wherever found .....	E	62 FR 33029, 6/18/1997.
<i>Pectis imberbis</i> .....	Beardless chinchweed .....	Wherever found .....	E	86 FR 31830, June 15, 2021; 50 CFR 17.96(a). <sup>CH</sup>
<i>Pedicularis furbishiae</i> .....	Furbish's lousewort .....	Wherever found .....	T	43 FR 17910, 4/26/1978; 88 FR 30047; May 10, 2023; 50 CFR 17.73(d). <sup>4d</sup>
<i>Pediocactus bradyi</i> .....	Brady pincushion cactus ..	Wherever found .....	E	44 FR 61784, 10/26/1979.
<i>Pediocactus despainii</i> .....	San Rafael cactus .....	Wherever found .....	E	52 FR 34914, 9/16/1987.
<i>Pediocactus knowltonii</i> .....	Knowlton cactus .....	Wherever found .....	E	44 FR 62244, 10/29/1979.
<i>Pediocactus peeblesianus</i> ssp. <i>fickeiseniae</i> .	Fickeisen plains cactus ....	Wherever found .....	E	78 FR 60607, 10/1/2013; 50 CFR 17.96(a). <sup>CH</sup>
<i>Pediocactus peeblesianus</i> ssp. <i>peeblesianus</i> .	Peebles Navajo cactus ....	Wherever found .....	E	44 FR 61922, 10/26/1979.
<i>Pediocactus sileri</i> .....	Siler pincushion cactus ....	Wherever found .....	T	44 FR 61786, 10/26/1979; 58 FR 68476, 12/27/1993.
<i>Pediocactus winkleri</i> .....	Winkler cactus .....	Wherever found .....	T	63 FR 44587, 8/20/1998.
<i>Penstemon debilis</i> .....	Parachute beardtongue ....	Wherever found .....	T	76 FR 45053, 7/27/2011; 50 CFR 17.96(a). <sup>CH</sup>
<i>Penstemon haydenii</i> .....	Blowout penstemon .....	Wherever found .....	E	52 FR 32926, 9/1/1987.
<i>Penstemon penlandii</i> .....	Kremmling beardtongue ...	Wherever found .....	E	54 FR 29658, 7/13/1989.
<i>Pentachaeta bellidiflora</i> .....	White-rayed pentachaeta ..	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Pentachaeta lyonii</i> .....	Lyon's pentachaeta .....	Wherever found .....	E	62 FR 4172, 1/29/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Peperomia subpetiolata</i> .....	Alaala wai nui .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Peperomia wheeleri</i> .....	Wheeler's peperomia .....	Wherever found .....	E	52 FR 1459, 1/14/1987.
<i>Peucedanum sandwicense</i>	Makou .....	Wherever found .....	T	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Phacelia argentea</i> .....	Sand dune phacelia .....	Wherever found .....	T	88 FR 57180, 8/22/2023; 50 CFR 17.73(j); <sup>4d</sup> 50 CFR 17.96(a). <sup>CH</sup>
<i>Phacelia argillacea</i> .....	Clay phacelia .....	Wherever found .....	E	43 FR 44810, 9/28/1978.
<i>Phacelia formosula</i> .....	North Park phacelia .....	Wherever found .....	E	47 FR 38540, 9/1/1982.
<i>Phacelia insularis</i> ssp. <i>insularis</i> .	Island phacelia .....	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Phacelia submutica</i> .....	DeBeque phacelia .....	Wherever found .....	T	76 FR 45053, 7/27/2011; 50 CFR 17.96(a). <sup>CH</sup>
<i>Phlox hirsuta</i> .....	Yreka phlox .....	Wherever found .....	E	65 FR 5268, 2/3/2000.
<i>Phlox nivalis</i> ssp. <i>texensis</i>	Texas trailing phlox .....	Wherever found .....	E	56 FR 49636, 9/30/1991.
<i>Phyllanthus saffordii</i> .....	No common name .....	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Phyllostegia bracteata</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Phyllostegia brevidens</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Phyllostegia floribunda</i> .....	No common name .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Phyllostegia glabra</i> var. <i>lanaiensis</i> .	No common name .....	Wherever found .....	E	56 FR 47686, 9/20/1991.
<i>Phyllostegia haliakalae</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Phyllostegia helleri</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Phyllostegia hirsuta</i> .....	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Phyllostegia hispida</i> .....	No common name .....	Wherever found .....	E	74 FR 11319, 3/17/2009; 50 CFR 17.99(c). <sup>CH</sup>
<i>Phyllostegia kaalaensis</i> .....	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Phyllostegia knudsenii</i> .....	No common name .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Phyllostegia mannii</i> .....	No common name .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>

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<i>Phyllostegia mollis</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(e)(1) <sup>CH</sup> ; 50 CFR 17.99(i) <sup>CH</sup>
<i>Phyllostegia parviflora</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(j) <sup>CH</sup>
<i>Phyllostegia pilosa</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c) <sup>CH</sup> ; 50 CFR 17.99(e)(1) <sup>CH</sup>
<i>Phyllostegia racemosa</i> .....	Kiponapona .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k) <sup>CH</sup>
<i>Phyllostegia renovans</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a) <sup>CH</sup>
<i>Phyllostegia stachyoides</i> ...	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Phyllostegia velutina</i> .....	No common name .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k) <sup>CH</sup>
<i>Phyllostegia waimeae</i> .....	No common name .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1) <sup>CH</sup>
<i>Phyllostegia warshaueri</i> ....	No common name .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k) <sup>CH</sup>
<i>Phyllostegia wawrana</i> .....	No common name .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1) <sup>CH</sup>
<i>Physaria douglasii</i> subsp. <i>tuplashensis</i> .	White Bluffs bladderpod ...	Wherever found .....	T	78 FR 23983, 4/23/2013; 50 CFR 17.96(a) <sup>CH</sup>
<i>Physaria filiformis</i> (= <i>Lesquerella f.</i> )	Missouri bladderpod .....	Wherever found .....	T	52 FR 679, 1/8/1987; 68 FR 59337, 10/15/2003; 75 FR 55686, 9/14/2010.
<i>Physaria globosa</i> .....	Short's bladderpod .....	Wherever found .....	E	79 FR 44712, 8/1/2014.
<i>Physaria obcordata</i> .....	Dudley Bluffs twinpod .....	Wherever found .....	T	55 FR 4152, 2/6/1990.
<i>Physaria pallida</i> .....	White bladderpod .....	Wherever found .....	E	52 FR 7424, 3/11/1987.
<i>Physaria thamnophila</i> .....	Zapata bladderpod .....	Wherever found .....	E	64 FR 63745, 11/22/1999; 50 CFR 17.96(a) <sup>CH</sup>
<i>Pilosocereus robinii</i> .....	Key tree-cactus .....	Wherever found .....	E	49 FR 29234, 7/19/1984.
<i>Pinguicula ionantha</i> .....	Godfrey's butterwort .....	Wherever found .....	T	58 FR 37432, 7/12/1993.
<i>Piperia yadonii</i> .....	Yadon's piperia .....	Wherever found .....	E	63 FR 43100, 8/12/1998; 50 CFR 17.96(a) <sup>CH</sup>
<i>Pitiosporum halophilum</i> ....	Hoawa .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c) <sup>CH</sup>
<i>Pitiosporum hawaiiense</i> ....	Hoawa, haawa .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Pitiosporum napaliense</i> ....	Hoawa .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a) <sup>CH</sup>
<i>Pityopsis ruthii</i> .....	Ruth's golden aster .....	Wherever found .....	E	50 FR 29341, 7/18/1985.
<i>Plagiobothrys hirtus</i> .....	Rough popcornflower .....	Wherever found .....	E	65 FR 3866, 1/25/2000.
<i>Plagiobothrys strictus</i> .....	Calistoga allocarya .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Plantago hawaiiensis</i> .....	Laukahi kuahiwi .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k) <sup>CH</sup>
<i>Plantago princeps</i> .....	Laukahi kuahiwi .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1) <sup>CH</sup> ; 50 CFR 17.99(c) <sup>CH</sup> ; 50 CFR 17.99(e)(1) <sup>CH</sup> ; 50 CFR 17.99(i) <sup>CH</sup>
<i>Platanthera holochila</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(c) <sup>CH</sup> ; 50 CFR 17.99(a)(1) <sup>CH</sup> ; 50 CFR 17.99(e)(1) <sup>CH</sup> ; 50 CFR 17.99(i) <sup>CH</sup>
<i>Platanthera integrilabia</i> .....	White fringeless orchid .....	Wherever found .....	T	81 FR 62826, 9/13/16.
<i>Platanthera leucophaea</i> .....	Eastern prairie fringed orchid.	Wherever found .....	T	54 FR 39857, 9/28/1989.
<i>Platanthera praeclara</i> .....	Western prairie fringed orchid.	Wherever found .....	T	54 FR 39857, 9/28/1989.
<i>Pleodendron macranthum</i>	Chupacallos .....	Wherever found .....	E	59 FR 60565, 11/25/1994.
<i>Poa atropurpurea</i> .....	San Bernardino bluegrass .....	Wherever found .....	E	63 FR 49006, 9/14/1998; 50 CFR 17.96(a) <sup>CH</sup>
<i>Poa mannii</i> .....	Mann's bluegrass .....	Wherever found .....	E	59 FR 56330, 11/10/1994; 50 CFR 17.99(a)(1) <sup>CH</sup>
<i>Poa napensis</i> .....	Napa bluegrass .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Poa sandvicensis</i> .....	Hawaiian bluegrass .....	Wherever found .....	E	57 FR 20580, 5/13/1992; 50 CFR 17.99(a)(1) <sup>CH</sup>
<i>Poa siphonoglossa</i> .....	No common name .....	Wherever found .....	E	57 FR 20580, 5/13/1992; 50 CFR 17.99(a)(1) <sup>CH</sup>
<i>Pogogyne abramsii</i> .....	San Diego mesa mint .....	Wherever found .....	E	43 FR 44810, 9/28/1978.
<i>Pogogyne nudiuscula</i> .....	Otay mesa mint .....	Wherever found .....	E	58 FR 41384, 8/3/1993.
<i>Polygala lewtonii</i> .....	Lewton's polygala .....	Wherever found .....	E	58 FR 25746, 4/27/1993.

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<i>Polygala smallii</i> .....	Tiny polygala .....	Wherever found .....	E	50 FR 29345, 7/18/1985.
<i>Polygonella basiramia</i> .....	Wireweed .....	Wherever found .....	E	52 FR 2227, 1/21/1987.
<i>Polygonella myriophylla</i> .....	Sandlace .....	Wherever found .....	E	58 FR 25746, 4/27/1993.
<i>Polygonum hickmanii</i> .....	Scotts Valley polygonum ..	Wherever found .....	E	68 FR 16979, 4/8/2003; 50 CFR 17.96(a). <sup>CH</sup>
<i>Polyscias</i> (= <i>Tetraplasandra</i> ) <i>bisattenuata</i> .	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Polyscias</i> (= <i>Tetraplasandra</i> ) <i>flynnii</i> .	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Polyscias</i> (= <i>Tetraplasandra</i> ) <i>gymnocarpa</i> .	Oheohe .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(i). <sup>CH</sup>
<i>Polyscias</i> (= <i>Tetraplasandra</i> ) <i>lydgatei</i> .	No common name .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Polyscias</i> (= <i>Munroidendron</i> ) <i>racemosa</i> (=racemosum).	No common name .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Portulaca sclerocarpa</i> .....	Poe .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Portulaca villosa</i> .....	Ihi .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Potamogeton clystocarpus</i>	Little Aguja pondweed .....	Wherever found .....	E	56 FR 57844, 11/14/1991.
<i>Potentilla hickmanii</i> .....	Hickman's potentilla .....	Wherever found .....	E	63 FR 43100, 8/12/1998.
<i>Primula maguirei</i> .....	Maguire primrose .....	Wherever found .....	T	50 FR 33731, 8/21/1985.
<i>Pritchardia affinis</i> .....	Loulu .....	Wherever found .....	E	59 FR 10305, 3/4/1994.
<i>Pritchardia aylmer-robinsonii</i> .	Wahane .....	Wherever found .....	E	61 FR 41020, 8/7/1996.
<i>Pritchardia bakeri</i> .....	Baker's loulu .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Pritchardia hardyi</i> .....	Loulu .....	Wherever found .....	E	75 FR 18960, 4/13/2010.
<i>Pritchardia kaalae</i> .....	Loulu .....	Wherever found .....	E	61 FR 53089, 10/10/1996.
<i>Pritchardia lanigera</i> .....	Loulu .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Pritchardia maideniana</i> .....	Loulu .....	Wherever found .....	E	59 FR 10305, 3/4/1994.
<i>Pritchardia munroi</i> .....	Loulu .....	Wherever found .....	E	57 FR 46325, 10/8/1992.
<i>Pritchardia napaliensis</i> .....	Loulu .....	Wherever found .....	E	61 FR 53070, 10/10/1996.
<i>Pritchardia remota</i> .....	Loulu .....	Wherever found .....	E	61 FR 43178, 8/21/1996; 50 CFR 17.99(g). <sup>CH</sup>
<i>Pritchardia schattaueri</i> .....	Loulu .....	Wherever found .....	E	61 FR 53137, 10/10/1996.
<i>Pritchardia viscosa</i> .....	Loulu .....	Wherever found .....	E	61 FR 53070, 10/10/1996.
<i>Prunus geniculata</i> .....	Scrub plum .....	Wherever found .....	E	52 FR 2227, 1/21/1987.
<i>Pseudobahia bahiifolia</i> .....	Hartweg's golden sunburst ..	Wherever found .....	E	62 FR 5542, 2/6/1997.
<i>Pseudobahia</i> .....	San Joaquin adobe sunburst.	Wherever found .....	T	62 FR 5542, 2/6/1997.
<i>Pseudognaphalium sandwicensium</i> var. <i>molokaiense</i> .	Enaena .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Psychotria grandiflora</i> .....	Kopiko .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Psychotria hexandra</i> var. <i>oahuensis</i> .	Kopiko .....	Wherever found .....	E	77 FR 57648, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Psychotria hobbdyi</i> .....	Kopiko .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Psychotria malaspinae</i> .....	Aplokating palaoan .....	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Pteralyxia kauaiensis</i> .....	Kaulu .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Pteralyxia macrocarpa</i> .....	Kaulu .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Ptilimnium nodosum</i> .....	Harperella .....	Wherever found .....	E	53 FR 37978, 9/28/1988.
<i>Purshia subintegra</i> .....	Arizona cliffrose .....	Wherever found .....	E	49 FR 22326, 5/29/1984.
<i>Quercus hinckleyi</i> .....	Hinckley's oak .....	Wherever found .....	T	53 FR 32824, 8/26/1988.
<i>Ranunculus acriformis</i> var. <i>aestivalis</i> .	Autumn buttercup .....	Wherever found .....	E	54 FR 30550, 7/21/1989.
<i>Ranunculus hawaiiensis</i> .....	Makou .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Ranunculus mauiensis</i> .....	Makou .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Remya kauaiensis</i> .....	No common name .....	Wherever found .....	E	56 FR 1450, 1/14/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Remya mauiensis</i> .....	Maui remya .....	Wherever found .....	E	56 FR 1450, 1/14/1991; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Remya montgomeryi</i> .....	No common name .....	Wherever found .....	E	56 FR 1450, 1/14/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i> (= <i>Sedum integrifolium</i> ssp. <i>l.</i> ).	Leedy's roseroot .....	Wherever found .....	T	57 FR 14649, 4/22/1992; 75 FR 55686, 9/14/2010.

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<i>Rhododendron chapmanii</i> ..	Chapman rhododendron ...	Wherever found .....	E	44 FR 24248, 4/24/1979.
<i>Rhus michauxii</i> .....	Michaux's sumac .....	Wherever found .....	E	54 FR 39850, 9/28/1989.
<i>Rhynchospora knieskernii</i> ..	Knieskern's beaked-rush ..	Wherever found .....	T	56 FR 32978, 7/18/1991.
<i>Ribes echinellum</i> .....	Miccosukee gooseberry ....	Wherever found .....	T	50 FR 29338, 7/18/1985.
<i>Rorippa gambellii</i> .....	Gambel's watercress .....	Wherever found .....	E	58 FR 41378, 8/3/1993.
<i>Sagittaria fasciculata</i> .....	Bunched arrowhead .....	Wherever found .....	E	44 FR 43700, 7/25/1979.
<i>Sagittaria secundifolia</i> .....	Kral's water-plantain .....	Wherever found .....	T	55 FR 13907, 4/13/1990.
<i>Sanicula marivera</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Sanicula purpurea</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Sanicula sandwicensis</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Santalum haleakalae</i> var. <i>lanaiense</i> .	Lanai sandalwood or iliahi	Wherever found .....	E	51 FR 3182, 1/24/1986; 78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup>
<i>Santalum involutum</i> .....	Iliahi .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Sarracenia oreophila</i> .....	Green pitcher-plant .....	Wherever found .....	E	44 FR 54922, 9/21/1979; 45 FR 18929, 3/24/1980.
<i>Sarracenia rubra</i> ssp. <i>alabamensis</i> .	Alabama canebrake pitcher-plant.	Wherever found .....	E	54 FR 10150, 3/10/1989.
<i>Sarracenia rubra</i> ssp. <i>jonesii</i> .	Mountain sweet pitcher-plant.	Wherever found .....	E	53 FR 38470, 9/30/1988.
<i>Scaevola coriacea</i> .....	Dwarf naupaka .....	Wherever found .....	E	51 FR 17971, 5/16/1986.
<i>Schenkia sebaeoides</i> .....	Awiwi .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea adamantis</i> .....	Diamond Head schiedea ..	Wherever found .....	E	49 FR 6099, 2/17/1984.
<i>Schiedea apokremnos</i> .....	Maolioli .....	Wherever found .....	E	56 FR 49639, 9/30/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Schiedea attenuata</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Schiedea diffusa</i> ssp. <i>diffusa</i> .	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Schiedea diffusa</i> ssp. <i>macraei</i> .	No common name .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Schiedea haleakalensis</i> .....	No common name .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Schiedea hawaiiensis</i> .....	No common name .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Schiedea helleri</i> .....	No common name .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Schiedea hookeri</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea jacobii</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Schiedea kaalae</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea kauaiensis</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Schiedea kealiae</i> .....	Maolioli .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea laui</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(c). <sup>CH</sup>
<i>Schiedea</i> (= <i>Alsiniidendron</i> ) <i>lychnoides</i> .	Kuawawaenohu .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Schiedea lydgatei</i> .....	No common name .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Schiedea membranacea</i> ....	No common name .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Schiedea nuttallii</i> .....	No common name .....	Wherever found .....	E	61 FR 53108, 10/10/1996; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea obovata</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 77 FR 57647, 9/18/2012; 50 CFR 17.99(i). <sup>CH</sup>
<i>Schiedea pubescens</i> .....	Maolioli .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Schiedea salicaria</i> .....	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>

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<i>Schiedea sarmentosa</i> .....	No common name .....	Wherever found .....	E	61 FR 53130, 10/10/1996;
<i>Schiedea spergulina</i> var. <i>leopoda</i> .	No common name .....	Wherever found .....	E	50 CFR 17.99(c). <sup>CH</sup> 59 FR 9304, 2/25/1994;
<i>Schiedea spergulina</i> var. <i>spergulina</i> .	No common name .....	Wherever found .....	T	50 CFR 17.99(a)(1). <sup>CH</sup> 59 FR 9304, 2/25/1994;
<i>Schiedea stellarioides</i> .....	Lauhilihi (=Maolioli) .....	Wherever found .....	E	50 CFR 17.99(a)(1). <sup>CH</sup> 61 FR 53070, 10/10/1996;
<i>Schiedea trinervis</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.99(a)(1). <sup>CH</sup> 56 FR 55770, 10/29/1991;
<i>Schiedea verticillata</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 61 FR 43178, 8/21/1996;
<i>Schiedea</i> (=Alsinidendron) <i>viscosa</i> (=viscosum).	No common name .....	Wherever found .....	E	50 CFR 17.99(g). <sup>CH</sup> 61 FR 53070, 10/10/1996;
<i>Schoenocrambe argillacea</i>	Clay reed-mustard .....	Wherever found .....	T	50 CFR 17.99(a)(1). <sup>CH</sup> 57 FR 1398, 1/14/1992.
<i>Schoenocrambe barnebyi</i> ..	Barneby reed-mustard .....	Wherever found .....	E	57 FR 1398, 1/14/1992.
<i>Schoenocrambe suffrutescens</i> .	Shrubby reed-mustard .....	Wherever found .....	E	52 FR 37416, 10/6/1987.
<i>Schoepfia arenaria</i> .....	None .....	Wherever found .....	T	56 FR 16021, 4/19/1991.
<i>Schwalbea americana</i> .....	American chaffseed .....	Wherever found .....	E	57 FR 44703, 9/29/1992.
<i>Scirpus ancistrochaetus</i> .....	Northeastern bulrush .....	Wherever found .....	E	56 FR 21091, 5/7/1991.
<i>Sclerocactus brevighamatus</i> ssp. <i>tobuschii</i> .	Tobusch fishhook cactus ..	Wherever found .....	T	44 FR 64736, 11/7/1979; 83 FR 22392, 5/15/2018.
<i>Sclerocactus brevispinus</i> ...	Pariette cactus .....	Wherever found .....	T	44 FR 58868, 10/11/1979; 74 FR 47112, 9/15/2009.
<i>Sclerocactus glaucus</i> .....	Colorado hookless cactus	Wherever found .....	T	44 FR 58868, 10/11/1979; 74 FR 47112, 9/15/2009.
<i>Sclerocactus mariposensis</i>	Lloyd's mariposa cactus ...	Wherever found .....	T	44 FR 64247, 11/6/1979.
<i>Sclerocactus mesae-verdae</i> .	Mesa Verde cactus .....	Wherever found .....	T	44 FR 62471, 10/30/1979.
<i>Sclerocactus wetlandicus</i> ..	Uinta Basin hookless cactus.	Wherever found .....	T	44 FR 58868, 10/11/1979; 74 FR 47112, 9/15/2009.
<i>Sclerocactus wrightiae</i> .....	Wright fishhook cactus ....	Wherever found .....	E	44 FR 58866, 10/11/1979.
<i>Scutellaria floridana</i> .....	Florida skullcap .....	Wherever found .....	T	57 FR 19813, 5/8/1992.
<i>Scutellaria montana</i> .....	Large-flowered skullcap ....	Wherever found .....	T	51 FR 22521, 6/20/1986; 67 FR 1662, 1/14/2002.
<i>Senecio layneae</i> .....	Layne's butterweed .....	Wherever found .....	T	61 FR 54346, 10/18/1996.
<i>Serianthes nelsonii</i> .....	Hayun lagu (Guam), Tronkon guafi (Rota).	Wherever found .....	E	52 FR 4907, 2/18/1987; 52 FR 6651, 5/4/1987.
<i>Sesbania tomentosa</i> .....	Ohai .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup> 50 CFR 17.99(g). <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Sibara filifolia</i> .....	Santa Cruz Island rock-cress.	Wherever found .....	E	62 FR 42692, 8/8/1997.
<i>Sicyos albus</i> (=alba) .....	Anunu .....	Wherever found .....	E	61 FR 53137, 10/10/1996, 50 CFR 17.99(k). <sup>CH</sup>
<i>Sicyos lanceoloides</i> .....	Anunu .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Sicyos macrophyllus</i> .....	Anunu .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Sidalcea keckii</i> .....	Keck's checkermallow .....	Wherever found .....	E	65 FR 7757, 2/16/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Sidalcea nelsoniana</i> .....	Nelson's checker-mallow ..	Wherever found .....	T	58 FR 8235, 2/12/1993.
<i>Sidalcea oregana</i> var. <i>calva</i> .	Wenatchee Mountains checker-mallow.	Wherever found .....	E	64 FR 71680, 12/22/1999; 50 CFR 17.96(a). <sup>CH</sup>
<i>Sidalcea oregana</i> ssp. <i>valida</i> .	Kenwood Marsh checker-mallow.	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Sidalcea pedata</i> .....	Pedate checker-mallow ....	Wherever found .....	E	49 FR 34497, 8/31/1984.
<i>Sideroxylon reclinatorum</i> ssp. <i>austrofloridense</i> .	Everglades bully .....	Wherever found .....	T	82 FR 46691, 10/06/2017.
<i>Silene alexandri</i> .....	No common name .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Silene hawaiiensis</i> .....	No common name .....	Wherever found .....	T	59 FR 10305, 3/4/1994; 50 CFR 17.99(k). <sup>CH</sup>
<i>Silene lanceolata</i> .....	No common name .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Silene perlmanii</i> .....	No common name .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 56 FR 55770, 10/29/1991;
<i>Silene polypetala</i> .....	Fringed campion .....	Wherever found .....	E	50 CFR 17.99(i). <sup>CH</sup> 56 FR 1932, 1/18/1991.

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Scientific name	Common name	Where listed	Status	Listing citations and applicable rules
<i>Silene spaldingii</i> .....	Spalding's catchfly .....	Wherever found .....	T	66 FR 51597, 10/10/2001.
<i>Sisyrinchium dichotomum</i> ..	White irisette .....	Wherever found .....	E	56 FR 48752, 9/26/1991.
<i>Solanum conocarpum</i> .....	Marron bacora .....	Wherever found .....	E	87 FR 36225, 6/16/2022; 50 CFR 17.96(a). <sup>CH</sup>
<i>Solanum drymophilum</i> .....	Erubia .....	Wherever found .....	E	53 FR 32827, 8/26/1988.
<i>Solanum guamense</i> .....	Biringenas halumtanu, Biringenas halom tano.	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Solanum incompletum</i> .....	Popolo ku mai .....	Wherever found .....	E	59 FR 56333, 10/10/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Solanum nelsonii</i> .....	Popolo .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Solanum sandwicense</i> .....	Aiakeakua, popolo .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Solidago houghtonii</i> .....	Houghton's goldenrod .....	Wherever found .....	T	53 FR 27134, 7/18/1988.
<i>Solidago shortii</i> .....	Short's goldenrod .....	Wherever found .....	E	50 FR 36085, 9/5/1985.
<i>Solidago spithamea</i> .....	Blue Ridge goldenrod .....	Wherever found .....	T	50 FR 12306, 3/28/1985.
<i>Spermolepis hawaiiensis</i> ..	No common name .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c) <sup>CH</sup> ; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Sphaeralcea gierischii</i> .....	Gierisch mallow .....	Wherever found .....	E	78 FR 49149, 8/13/2013.
<i>Spigelia gentianoides</i> .....	Gentian pinkroot .....	Wherever found .....	E	55 FR 49046, 11/26/1990.
<i>Spiraea virginiana</i> .....	Virginia spiraea .....	Wherever found .....	T	55 FR 24241, 6/15/1990.
<i>Spiranthes delitescens</i> .....	Canelo Hills ladies'- tresses.	Wherever found .....	E	62 FR 665, 1/6/1997.
<i>Spiranthes diluvialis</i> .....	Ute ladies'-tresses .....	Wherever found .....	T	57 FR 2048, 1/17/1992.
<i>Spiranthes parksii</i> .....	Navasota ladies'-tresses ..	Wherever found .....	E	47 FR 19539, 5/6/1982.
<i>Stahlia monosperma</i> .....	Cóbana negra .....	Wherever found .....	T	55 FR 12790, 4/5/1990.
<i>Stenogyne angustifolia</i> var. <i>angustifolia</i> .	No common name .....	Wherever found .....	E	44 FR 62468, 10/30/1979.
<i>Stenogyne bifida</i> .....	No common name .....	Wherever found .....	E	57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Stenogyne campanulata</i> ...	No common name .....	Wherever found .....	E	57 FR 20580, 5/13/1992; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Stenogyne cranwelliae</i> .....	No common name .....	Wherever found .....	E	78 FR 64637, 10/29/2013.
<i>Stenogyne kaalae</i> ssp. <i>sherffii</i> .	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Stenogyne kanehoana</i> .....	No common name .....	Wherever found .....	E	57 FR 20592, 5/13/1992; 50 CFR 17.99(i). <sup>CH</sup>
<i>Stenogyne kauaulaensis</i> ...	No common name .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Stenogyne kealiae</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Stephanomeria malheurensis</i> .	Malheur wire-lettuce .....	Wherever found .....	E	47 FR 50881, 11/10/1982; 50 CFR 17.96(a). <sup>CH</sup>
<i>Streptanthus albidus</i> ssp. <i>albidus</i> .	Metcalf Canyon jewelflower.	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Streptanthus bracteatus</i> .....	Bracted twistflower .....	Wherever found .....	T	88 FR 21844, April 11, 2023; 50 CFR 17.73(h); <sup>4d</sup> 50 CFR 17.96(a). <sup>CH</sup>
<i>Streptanthus niger</i> .....	Tiburon jewelflower .....	Wherever found .....	E	60 FR 6671, 2/3/1995.
<i>Styrax platanifolius</i> ssp. <i>texanus</i> .	Texas snowbells .....	Wherever found .....	E	49 FR 40035, 10/12/1984.
<i>Styrax portoricensis</i> .....	Palo de jazmfn .....	Wherever found .....	E	57 FR 14782, 4/22/1992.
<i>Suaeda californica</i> .....	Sea-blite, California .....	Wherever found .....	E	59 FR 64613, 12/15/1994.
<i>Swallenia alexandrae</i> .....	Eureka dune grass, Eureka Valley dune grass, or Eureka dunegrass.	Wherever found .....	T	83 FR 8576, 2/27/18.
<i>Tabernaemontana rotensis</i>	No common name .....	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Taraxacum californicum</i> .....	California taraxacum .....	Wherever found .....	E	63 FR 49006, 9/14/1988; 50 CFR 17.96(a). <sup>CH</sup>
<i>Ternstroemia luquillensis</i> ...	Palo colorado .....	Wherever found .....	E	57 FR 14782, 4/22/1992.
<i>Ternstroemia sessilis</i> ...	No common name .....	Wherever found .....	E	57 FR 14782, 4/22/1992.
<i>Tetramolopium arenarium</i> ..	No common name .....	Wherever found .....	E	59 FR 10305, 3/4/1994.
<i>Tetramolopium capillare</i> ...	Pamakani .....	Wherever found .....	E	59 FR 49860, 9/30/1994; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Tetramolopium filiforme</i> .....	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>
<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i> .	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(i). <sup>CH</sup>

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<i>Tetramolopium remyi</i> .....	No common name .....	Wherever found .....	E	56 FR 47686, 9/20/1991;
<i>Tetramolopium rockii</i> .....	No common name .....	Wherever found .....	T	50 CFR 17.99(e)(1). <sup>CH</sup> 57 FR 46325, 10/8/1992; 50 CFR 17.99(c). <sup>CH</sup>
<i>Thalictrum cooleyi</i> .....	Cooley's meadowrue .....	Wherever found .....	E	54 FR 5935, 2/7/1989.
<i>Thelypodium howellii</i> ssp. <i>spectabilis</i> .	Howell's spectacular thelypody.	Wherever found .....	T	64 FR 28393, 5/26/1999.
<i>Thelypodium stenopetalum</i>	Slender-petaled mustard ..	Wherever found .....	E	49 FR 34497, 8/31/1984.
<i>Thlaspi californicum</i> .....	Kneeland Prairie penny-cress.	Wherever found .....	E	65 FR 6332, 2/9/2000; 50 CFR 17.96(a). <sup>CH</sup>
<i>Thymophylla tephroleuca</i> ...	Ashy dogweed .....	Wherever found .....	E	49 FR 29232, 7/19/1984.
<i>Thysanocarpus conchuliferus</i> .	Santa Cruz Island fringepod.	Wherever found .....	E	62 FR 40954, 7/31/1997.
<i>Tinospora homosepala</i> .....	No common name .....	Wherever found .....	E	80 FR 59423, 10/1/2015.
<i>Townsendia aprica</i> .....	Last Chance townsendia ..	Wherever found .....	T	50 FR 33734, 8/21/1985.
<i>Trematolobelia singularis</i> ...	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(j). <sup>CH</sup>
<i>Trichilia triacantha</i> .....	Bariaco .....	Wherever found .....	E	53 FR 3565, 2/5/1988.
<i>Trifolium amoenum</i> .....	Showy Indian clover .....	Wherever found .....	E	62 FR 54791, 10/22/1997.
<i>Trifolium trichocalyx</i> .....	Monterey clover .....	Wherever found .....	E	63 FR 43100, 8/12/1998.
<i>Trillium persistens</i> .....	Persistent trillium .....	Wherever found .....	E	43 FR 17910, 4/26/1978.
<i>Trillium reliquum</i> .....	Relict trillium .....	Wherever found .....	E	53 FR 10879, 4/4/1988.
<i>Tuberolabium guamense</i> ...	No common name .....	Wherever found .....	T	80 FR 59423, 10/1/2015.
<i>Tuctoria greenei</i> .....	Greene's tuctoria .....	Wherever found .....	T	62 FR 14338, 3/26/1997; 50 CFR 17.96(a). <sup>CH</sup>
<i>Tuctoria mucronata</i> .....	Solano grass .....	Wherever found .....	T	43 FR 44810, 9/28/1978; 50 CFR 17.96(a). <sup>CH</sup>
<i>Urera kaalae</i> .....	Opuhe .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(j). <sup>CH</sup>
<i>Varronia rupicola</i> .....	No common name .....	Wherever found .....	T	79 FR 53303, 9/9/2014; 50 CFR 17.96(a). <sup>CH</sup>
<i>Verbena californica</i> .....	Red Hills vervain .....	Wherever found .....	T	63 FR 49006, 9/14/1998.
<i>Verbesina dissita</i> .....	Big-leaved crownbeard ....	Wherever found .....	T	61 FR 52370, 10/7/1996.
<i>Vernonia proctorii</i> .....	No common name .....	Wherever found .....	E	58 FR 25755, 4/27/1993.
<i>Vicia menziesii</i> .....	Hawaiian vetch .....	Wherever found .....	E	43 FR 17910, 4/26/1978.
<i>Vigna o-wahuensis</i> .....	No common name .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(e)(1). <sup>CH</sup> 50 CFR 17.99(e)(2). <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i> .	Pamakani .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(j). <sup>CH</sup>
<i>Viola helenae</i> .....	No common name .....	Wherever found .....	E	56 FR 47695, 9/20/1991; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Viola kauaiensis</i> var. <i>wahiawaensis</i> .	Nani waialeale .....	Wherever found .....	E	61 FR 53070, 10/10/1996; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Viola lanaiensis</i> .....	No common name .....	Wherever found .....	E	56 FR 47686, 9/20/1991.
<i>Viola oahuensis</i> .....	No common name .....	Wherever found .....	E	61 FR 53089, 10/10/1996; 50 CFR 17.99(j). <sup>CH</sup>
<i>Warea amplexifolia</i> .....	Wide-leaf warea .....	Wherever found .....	E	52 FR 15501, 4/29/1987.
<i>Warea carteri</i> .....	Carter's mustard .....	Wherever found .....	E	52 FR 2227, 1/21/1987.
<i>Wikstroemia skottsbergiana</i>	Akia .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Wikstroemia villosa</i> .....	Akia .....	Wherever found .....	E	78 FR 32013, 5/28/2013; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Wilkesia hobdyi</i> .....	Dwarfilliau .....	Wherever found .....	E	57 FR 27859, 6/22/1992; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Xylosma crenatum</i> .....	No common name .....	Wherever found .....	E	57 FR 20580, 5/13/1992; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Xyris tennesseensis</i> .....	Tennessee yellow-eyed grass.	Wherever found .....	E	56 FR 34151, 7/26/1991.
<i>Yermo xanthocephalus</i> .....	Desert yellowhead .....	Wherever found .....	T	67 FR 11442, 3/14/2002; 50 CFR 17.96(a). <sup>CH</sup>
<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i> .	Ae .....	Wherever found .....	E	61 FR 53137, 10/10/1996; 50 CFR 17.99(k). <sup>CH</sup>
<i>Zanthoxylum hawaiiense</i> ...	Ae .....	Wherever found .....	E	59 FR 10305, 3/4/1994; 50 CFR 17.99(a)(1). <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup> 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Zanthoxylum oahuense</i> ....	Ae .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(j). <sup>CH</sup>
<i>Zanthoxylum thomsonianum</i>	St. Thomas prickly-ash ....	Wherever found .....	E	50 FR 51867, 12/20/1985.

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<i>Zizania texana</i> .....	Texas wild-rice .....	Wherever found .....	E	43 FR 17910, 4/26/1978; 50 CFR 17.96(a). <sup>CH</sup>
<i>Ziziphus celata</i> .....	Florida ziziphus .....	Wherever found .....	E	54 FR 31190, 7/27/1989.

**Conifers and Allies**

<i>Abies guatemalensis</i> .....	Guatemalan fir (=pinabete) .....	Wherever found .....	T	44 FR 65002, 11/8/1979.
<i>Cupressus goveniana</i> ssp. <i>goveniana</i> .	Gowen cypress .....	Wherever found .....	T	63 FR 43100, 8/12/1998.
<i>Cycas micronesica</i> .....	Fadang, faadang .....	Wherever found .....	T	80 FR 59424, 10/1/2015.
<i>Fitzroya cupressoides</i> .....	Alerce or Chilean false larch.	Wherever found .....	T	44 FR 64730, 11/7/1979.
<i>Hesperocyparis abramsiana</i> .	Santa Cruz cypress .....	Wherever found .....	T	52 FR 675, 1/8/1987; 81 FR 8408, 2/19/2016.
<i>Pinus albicaulis</i> .....	Whitebark pine .....	Wherever found .....	T	87 FR 76882, 12/15/2022; 50 CFR 17.74(a). <sup>4d</sup>
<i>Torreya taxifolia</i> .....	Florida torreya .....	Wherever found .....	E	49 FR 2783, 1/23/1984.

**Ferns and Allies**

<i>Adenophorus periens</i> .....	Palai laau .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Asplenium dielerectum</i> .....	No common name .....	Wherever found .....	E	59 FR 56333, 11/10/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Asplenium diellaciniatum</i> ...	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Asplenium</i> (=Diellia) <i>dielfalcatum</i> (=falcata).	No common name .....	Wherever found .....	E	56 FR 55770, 10/29/1991; 50 CFR 17.99(j). <sup>CH</sup>
<i>Asplenium</i> (=Diellia) <i>dielmannii</i> (=mannii).	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Asplenium</i> (=Diellia) <i>dielpallidum</i> (=pallida).	No common name .....	Wherever found .....	E	59 FR 9304, 2/25/1994; 50 CFR 17.99(a)(1). <sup>CH</sup>
<i>Asplenium peruvianum</i> var. <i>insulare</i> .	No common name .....	Wherever found .....	E	59 FR 49025, 9/26/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(k). <sup>CH</sup>
<i>Asplenium scolopendrium</i> var. <i>americanum</i> .	American hart's-tongue fern.	Wherever found .....	T	54 FR 29726, 7/14/1989.
<i>Asplenium</i> (=Diellia) <i>unisorum</i> (=unisor).	No common name .....	Wherever found .....	E	59 FR 32932, 6/27/1994; 50 CFR 17.99(j). <sup>CH</sup>
<i>Ctenitis squamigera</i> .....	Pauoa .....	Wherever found .....	E	59 FR 49025, 9/26/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Cyathea dryopteroides</i> .....	Elfin tree fern .....	Wherever found .....	E	52 FR 22936, 6/16/1987.
<i>Deparia kaalaana</i> .....	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Diplazium molokaiense</i> .....	No common name .....	Wherever found .....	E	59 FR 49025, 9/26/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(j). <sup>CH</sup>
<i>Doryopteris angelica</i> .....	No common name .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Doryopteris takeuchii</i> .....	No common name .....	Wherever found .....	E	77 FR 57647, 9/18/2012; 50 CFR 17.99(j). <sup>CH</sup>
<i>Dryopteris glabra</i> var. <i>pusilla</i> .	Hohiu .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Dryopteris crinalis</i> var. <i>podosorus</i> .	Palapalai aumakua .....	Wherever found .....	E	75 FR 18960, 4/13/2010; 50 CFR 17.99(a). <sup>CH</sup>
<i>Elaphoglossum serpens</i> ....	None .....	Wherever found .....	E	58 FR 32308, 6/9/1993.
<i>Hypolepis hawaiiensis</i> var. <i>mauiensis</i> .	Olua .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Isoetes louisianensis</i> .....	Louisiana quillwort .....	Wherever found .....	E	57 FR 48741, 10/28/1992.
<i>Isoetes melanospora</i> .....	Black-spored quillwort .....	Wherever found .....	E	53 FR 3560, 2/5/1988.
<i>Isoetes tegetiformans</i> .....	Mat-forming quillwort .....	Wherever found .....	E	53 FR 3560, 2/5/1988.

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<i>Marsilea villosa</i> .....	Ihihi .....	Wherever found .....	E	57 FR 27863, 6/22/1992; 50 CFR 17.99(c); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Menisciopsis boydiae</i> .....	Kupukupu makalii .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Microlepia strigosa</i> var. <i>mauiensis</i> .	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Phlegmariurus mannii</i> .....	Wawaeiole .....	Wherever found .....	E	57 FR 20772, 5/15/1992; 50 CFR 17.99(e)(1). <sup>CH</sup>
<i>Phlegmariurus nutans</i> .....	Wawaeiole .....	Wherever found .....	E	59 FR 14482, 3/28/1994; 50 CFR 17.99(a)(1); <sup>CH</sup> 50 CFR 17.99(i). <sup>CH</sup>
<i>Phlegmariurus stemmermanniae</i> .	No common name .....	Wherever found .....	E	81 FR 67786, 9/30/2016.
<i>Polystichum aleuticum</i> .....	Aleutian shield-fern .....	Wherever found .....	E	53 FR 4626, 2/17/1988.
<i>Polystichum calderonense</i>	No common name .....	Wherever found .....	E	58 FR 32308, 6/9/1993.
<i>Pteris lidgatei</i> .....	No common name .....	Wherever found .....	E	59 FR 49025, 9/26/1994; 50 CFR 17.99(e)(1); <sup>CH</sup> 50 CFR 17.99(i); <sup>CH</sup> 50 CFR 17.99(c). <sup>CH</sup>
<i>Tectaria estremerana</i> .....	No common name .....	Wherever found .....	E	58 FR 32308, 6/9/1993.
<i>Thelypteris inabonensis</i> .....	No common name .....	Wherever found .....	E	58 FR 35887, 7/2/1993.
<i>Thelypteris pilosa</i> var. <i>alabamensis</i> .	Alabama streak-sorus fern	Wherever found .....	T	57 FR 30164, 7/8/1992.
<i>Thelypteris verecunda</i> .....	No common name .....	Wherever found .....	E	58 FR 35887, 7/2/1993.
<i>Thelypteris yaucensis</i> .....	No common name .....	Wherever found .....	E	58 FR 35887, 7/2/1993.
<i>Trichomanes punctatum</i> ssp. <i>floridanum</i> .	Florida bristle fern .....	Wherever found .....	E	80 FR 60440, 10/6/2015; 50 CFR 17.96(b)(1). <sup>CH</sup>
LICHENS				
<i>Cladonia perforata</i> .....	Florida perforate cladonia	Wherever found .....	E	58 FR 25746, 4/27/1993.
<i>Gymnoderma lineare</i> .....	Rock gnome lichen .....	Wherever found .....	E	60 FR 3557, 1/18/1995.
MOSESSES				
<i>Donrichardsia macroneuron</i>	South Llano springs moss	Wherever found .....	E	88 FR 25543, 4/27/2023.

[81 FR 51583, Aug. 4, 2016]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 17.12, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at [www.govinfo.gov](http://www.govinfo.gov).

**Subpart C—Endangered Wildlife**

**§ 17.21 Prohibitions.**

(a) Except as provided in subpart A of this part, or under permits issued pursuant to § 17.22 or § 17.23, it is unlawful for any person subject to the jurisdiction of the United States to commit, to attempt to commit, to solicit another to commit or to cause to be committed, any of the acts described in paragraphs (b) through (f) of this section in regard to any endangered wildlife.

(b) *Import or export.* It is unlawful to import or to export any endangered wildlife. Any shipment in transit through the United States is an importation and an exportation, whether or not it has entered the country for customs purposes.

(c) *Take.* (1) It is unlawful to take endangered wildlife within the United States, within the territorial sea of the United States, or upon the high seas. The high seas shall be all waters seaward of the territorial sea of the United States, except waters officially recognized by the United States as the territorial sea of another country, under international law.

(2) Notwithstanding paragraph (c)(1) of this section, any person may take endangered wildlife in defense of his own life or the lives of others.

(3) Notwithstanding paragraph (c)(1) of this section, any employee or agent of the Service, any other Federal land management agency, the National Marine Fisheries Service, or a State conservation agency, who is designated by his agency for such purposes, may,