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Endangered & Threatened Wil...

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Endangered & Threatened Wildlife and Plants

50 CFR 17.11 & 17.12

APRIL 15, 1990



Title 50—Wildlife and Fisheries**PART 17—ENDANGERED AND THREATENED WILDLIFE AND PLANTS****Subpart B—Lists**

Source: 48 FR 34182, July 27, 1983, unless otherwise noted.

§ 17.11 Endangered and threatened wildlife.

(a) The list in this section contains the names of all species of wildlife which have been determined by the Services to be Endangered or Threatened. It also contains the names of species of wildlife treated as Endangered or Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see § 17.50 *et seq.*).

(b) The columns entitled "Common Name," "Scientific Name," and "Vertebrate Population Where Endangered or Threatened" define the species of wildlife within the meaning of the Act. Thus, differently classified geographic populations of the same vertebrate subspecies or species shall be identified by their differing geographic boundaries, even though the other two columns are identical. The term "Entire" means that all populations throughout the present range of a vertebrate species are listed. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the *International Code of Zoological Nomenclature*.

(c) In the "Status" column the following symbols are used: "E" for Endangered, "T" for Threatened, and "E [or T] (S/A)" for similarity of appearance species.

(d) The other data in the list are nonregulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species' names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries, neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of Part 424 of this title.

(e) The "historic range" indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the species, wherever found.

(f)(1) A footnote to the *Federal Register* publication(s) listing or reclassifying a species is indicated under the column "When listed." Footnote numbers to §§ 17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same *Federal Register* document. That document, at least since 1973, includes a statement indicating the basis for the listing, as well as the effective date(s) of said listing.

(2) The "Special rules" and "Critical habitat" columns provide a cross reference to other sections in Parts 17, 222, 226, or 227. The "Special rules" column will also be used to cite the special rules that describe experimental populations and determine if they are essential or nonessential. Separate listing will be made for experimental populations, and the status column will include the following symbols: "XE" for an essential experimental population and "XN" for a nonessential

experimental population. The term "NA" (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in Parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such wildlife, e.g., port-of-entry requirements. It is not intended that the references in the "Special rules" column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units. For example, the genus *Hylobates* (gibbons) is listed as Endangered throughout its entire range (China, India, and SE Asia); consequently, all species, subspecies, and populations of that genus are considered listed as Endangered for the purposes of the Act. In 1978 (43 FR 6230–6233) the species *Haliaeetus leucocephalus* (bald eagle) was listed as Threatened in "USA (WA, OR, MN, WI, MI)" rather than its entire population; thus, all individuals of the bald eagle found in those five States are considered listed as Threatened for the purposes of the Act.

(h) The "List of Endangered and Threatened Wildlife" is provided below:

Editorial Note: This is a compilation and special reprint of 50 CFR 17.11 and 17.12 and is current as of the date shown on the cover. Minor changes and corrections to the October 1, 1989, compilation of 50 CFR have been incorporated in this printing, as well as all published final rules that have subsequently appeared in the *Federal Register*. Otherwise no entry in these lists has been significantly affected. This list has been prepared by the staff of the Division of Endangered Species and Habitat Conservation, U.S. Fish and Wildlife Service, Washington, D.C. 20240. Readers are requested to advise the Service of any errors in this list. Copies are available from the Publication Unit, U.S. Fish and Wildlife Service, 725-ARLSQ, Washington, D.C. 20240.

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
MAMMALS				Entire.	E	3	NA	NA
Anoa, lowland		<i>Bubalus depressicornis</i> (= <i>B. anoa</i> <i>depressicornis</i>)	Indonesia.	do.	E	15	NA	NA
Anoa, mountain		<i>Bubalus quarlesi</i> (= <i>B. anoa quaresii</i>)	Angola	do	E	15	NA	NA
Antelope, giant sable		<i>Hippotragus niger variani</i>	China (Tibet, Himalayas)	do	E	15	NA	NA
Argali		<i>Ovis ammon hodgsoni</i>	Venezuela and Guyana to Argentina	do	E	15	NA	NA
Armadillo, giant		<i>Priodontes maximus</i> (= <i>giganteus</i>)	Argentina.	do	E	3	NA	NA
Armadillo, pink fairy		<i>Chlamyphorus truncatus</i>	Somalia, Sudan, Ethiopia	do	E	3	NA	NA
As., African wild		<i>Equus asinus</i> (= <i>africanus</i>)	Southwestern and Central Asia...	do	E	3, 22	NA	NA
As., Asian wild (= kulan, onager)		<i>Equus hemionus</i> ... Avahi (= <i>Lichenotus lанiger</i> (= entire genus))	Malagasy Republic (= Madagascar)	Entire...	E	3	NA	NA
Aye-Aye		<i>Daubentonia madagascariensis</i>	Indonesia...	do	E	3	NA	NA
Babirusa		<i>Babyrousa babyrussa</i>	Ethiopia...	do	E	15	NA	NA
Baboon, gelada		<i>Theropithecus gelada</i>	Australia...	do	E	4	NA	17.40(c)
Bandicoot, barred		<i>Perameles bougainvillae</i>	do	do	E	6	NA	NA
Bandicoot, desert		<i>Perameles eremicana</i>	do	do	E	4	NA	NA
Bandicoot, lesser rabbit		<i>Macrotis leucura</i>	do	do	E	4	NA	NA
Bandicoot, pig-footed		<i>Chaeropus ecaudatus</i>	do	do	E	4	NA	NA
Bandicoot, rabbit		<i>Macroscelides lagotis</i>	do	do	E	4	NA	NA
Banteng		<i>Bos javanicus</i> (= <i>banteng</i>)	Southeast Asia...	do	E	3	NA	NA
Bat, Bulmer's fruit (flying fox)		<i>Aproteles bulmerae</i>	Papua New Guinea	do	E	139	NA	NA
Bat, bumblebee		<i>Craseonycteris thonglongyai</i> ...	Thailand...	do	E	139	NA	NA
Bat, gray		<i>Myotis griseescens</i> .	Central and Southeastern U.S.A...	do	E	13	NA	NA
Bat, Hawaiian hoary		<i>Lasius cinereus semotus</i>	U.S.A. (HI)	do	E	2	NA	NA
Bat, Indiana		<i>Myotis sodalis</i>	Eastern and Midwestern U.S.A.	do	E	1	17.95(a)	NA
Bat, little Mariana fruit		<i>Pteropus tokudae</i> .	Western Pacific Ocean: U.S.A. (Guam), Western Pacific Ocean: U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan).	do	E	156	NA	NA
Bat, Mariana fruit		<i>Pteropus mariannus mariannus</i>	U.S.A. (NM, TX), Mexico, Central America.	do	E	156	NA	NA
Bat, Mexican long-nosed		<i>Leptonycteris nivalis</i> ...	Entire...	do	E	336	NA	NA
Bat, Ozark big-eared		<i>Plecotus townsendii ingens</i> ...	U.S.A. (MO, OK, AR)...	do	E	85	NA	NA
Bat, Rodrigues fruit (flying fox)		<i>Pteropus rodricensis</i> ... <i>Leptonycteris sanborni</i> (= <i>yerbabuenae</i>).	Indian Ocean: Rodrigues Island ... U.S.A. (AZ, NM), Mexico, Central America.	do	E	139	NA	NA
Bat, Singapore roundleaf horseshoe		<i>Hipposideros ridleyi</i> ...	Malaysia ... U.S.A. (KY, NC, WV, VA) ...	do	E	139	NA	NA
Bat, Virginia big-eared		<i>Plecotus townsendii virginianus</i> ...	Iran, Pakistan.	do	E	85	17.95(a)	NA
Bear, Baluchistan		<i>Ursus thibetanus gredosianus</i>	China (Tibet)	do	E	233	NA	NA
Bear, brown		<i>Ursus arctos pruinosa</i> ...	Palaearctic	do	E	15	NA	NA
Do		<i>Ursus arctos arcios</i> ...	Holarctic ...	Italy ... U.S.A.—48 conterminous States.	T	1, 2D, 9	NA	17.40(b)
Bear, brown or grizzly		<i>Ursus arctos</i> (= <i>U.a. horribilis</i>)	do	do	E	3	NA	NA
Beaver		<i>Castor fiber</i>	Mongolia...	Entire...	E	15	NA	NA
Bison, wood		<i>Bison bison athabascae</i>	Canada...	Entire...	E	3	NA	NA
Bobcat		<i>Felis rufus esculapae</i> ...	Central Mexico ...	do	E	15	NA	NA
Bontebok (antelope)		<i>Damaliscus dorcas dorcas</i> ...	South Africa ...	do	E	15	NA	NA
Camel, Bactrian		<i>Camelus bactrianus</i> (= <i>ferus</i>)	Mongolia, China	do	E	15	NA	NA

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Caribou, woodland	<i>Rangifer tarandus caribou</i>	Canada, U.S.A. (AK, ID, ME, MI, MN, MT, NH, VT, WA, WI).	Canada (that part of S.E. Brit. Col. bounded by the Can.-USA border, Columbia R., Kootenay R., Kootenay L., and Kootenai R.), U.S.A. (ID, WA).	E	128E, 136E, 143	NA	NA	NA
Cat, Andean	<i>Felis jacotita</i>	Chile, Peru, Bolivia, Argentina	Entire	NA	NA	NA	NA	NA
Cat, black-footed	<i>Felis nigripes</i>	Southern Africa	do	NA	NA	NA	NA	NA
Cat, flat-headed	<i>Felis planiceps</i>	Malaysia, Indonesia	do	NA	NA	NA	NA	NA
Cat, Iriomote	<i>Felis (Mayailurus) iriomotensis</i>	Japan (Iriomote Island, Ryukyu Islands)	do	NA	NA	NA	NA	NA
Cat, leopard	<i>Felis bengalensis</i>	India, Southeast Asia	do	NA	NA	NA	NA	NA
Cat, marbled	<i>Felis marmorata</i>	Nepal, Southeast Asia, Indonesia	do	NA	NA	NA	NA	NA
Cat, Pakistan sand	<i>Felis margarita schreiffeli</i>	Pakistan	do	NA	NA	NA	NA	NA
Cat, Temminck's (= golden cat)	<i>Felis temmincki</i>	Nepal, China, Southeast Asia, Indonesia (Sumatra).	do	NA	NA	NA	NA	NA
Cat, tiger	<i>Felis tigrinus</i>	Costa Rica to northern Argentina	do	NA	NA	NA	NA	NA
Chamois, Apennine	<i>Rupicapra rupicapra ornata</i>	Italy	do	NA	NA	NA	NA	NA
Cheetah	<i>Acinonyx jubatus</i>	Africa to India	do	NA	NA	NA	NA	NA
Chimpanzee	<i>Pan troglodytes</i>	Africa-see 17.40(c)(3)	Wherever found in the wild.	E	5	NA	NA	NA
Do	do	do	Wherever found in captivity.	T	16, 376	NA	17.40(c)	NA
Chimpanzee, pygmy	<i>Pan paniscus</i>	Zaire	Entire	E	16, 376	NA	NA	NA
Chinchilla	<i>Chinchilla brevicaudata boliviensis</i>	Bolivia	do	E	15	NA	NA	NA
Civet, Malabar large-spotted	<i>Viverra megaspila civettina</i>	India	do	E	50	NA	NA	NA
Cochito (= Gulf of California harbor porpoise), Cougar, eastern	<i>Phocoena sinus</i>	Mexico (Gulf of California)	do	E	169	NA	NA	NA
Deer, Bactrian	<i>Felis concolor couguar</i>	Eastern North America	do	E	6	NA	NA	NA
Deer, Bawean	<i>Cervus elaphus bactrianus</i>	U.S.S.R., Afghanistan	do	E	50	NA	NA	NA
Deer, Barbary	<i>Cervus elaphus barbarus</i>	Morocco, Tunisia, Algeria	do	E	50	NA	NA	NA
Deer, Cedros Island mule	<i>Axis (= Cervus) porcinus kuhli</i>	Indonesia	do	E	3	NA	NA	NA
Deer, Columbian white-tailed	<i>Odocoileus hemionus cedrosensis</i>	Mexico (Cedros Island)	do	E	10	NA	NA	NA
Deer, Corsican red	<i>Odocoileus virginianus leucurus</i>	U.S.A. (WA, OR)	do	E	1	NA	NA	NA
Deer, Eld's brow-antlered	<i>Cervus elaphus corsicanus</i>	Corsica, Sardinia	do	E	50	NA	NA	NA
Deer, Formosan sika	<i>Cervus eldi</i>	Taiwan	do	E	3	NA	NA	NA
Deer, hog	<i>Cervus nippon taivanus</i>	Thailand, Indochina	do	E	50	NA	NA	NA
Deer, key	<i>Axis (= Cervus) porcinus annamiticus</i>	U.S.A. (FL)	do	E	1	NA	NA	NA
Deer, marsh	<i>Odocoileus virginianus clavium</i>	Argentina, Uruguay, Paraguay, Bolivia, Brazil	do	E	3	NA	NA	NA
Deer, McNeill's	<i>Blastocerus dichotomus</i>	China (Sinkiang, Tibet)	do	E	3	NA	NA	NA
Deer, musk	<i>Cervus elaphus macneilli</i>	Afghanistan, Bhutan, Burma, China (Tibet, Yunnan), India, Nepal, Pakistan, Sikkim	do	E	15	NA	NA	NA
Deer, North China sika	<i>Moschus</i> spp. (all species)	China (Shantung and Chihli Provinces)	Entire	E	50	NA	NA	NA
<i>Cervus nippon mandarinus</i>		<i>Cervus nippon mandarinus</i>						

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Deer, pampas		<i>Ozotoceros bezoarticus</i>	Brazil, Argentina, Uruguay, Bolivia, Paraguay, Iraq, Iran.	do.....	E	15	NA	NA
Deer, Persian fallow		<i>Dama dama mesopotamica</i>	do.....	E	3	NA	NA	NA
Deer, Philippine		<i>Axis</i> (= <i>Cervus</i>) <i>porcinus calamianensis</i>	Philippines (Calamian Islands)	do.....	E	15	NA	NA
Deer, Ryukyu sika		<i>Cervus nippon kermaae</i>	Japan (Ryukyu Islands)	do.....	E	50	NA	NA
Deer, Shansi sika		<i>Cervus nippon grassianus</i>	China (Shansi Province)	do.....	E	50	NA	NA
Deer, South China sika		<i>Cervus nippon kopschi</i>	Southern China	do.....	E	50	NA	NA
Deer, swamp (=barasingha)		<i>Cervus duvauceli</i>	India, Nepal.	do.....	E	3	NA	NA
Deer, Visayan		<i>Cervus alfredi</i>	Philippines	do.....	E	320	NA	NA
Deer, Yarkand		<i>Cervus elaphus yarkandensis</i>	China (Sinkiang)	do.....	E	50	NA	NA
Dhole (=Asiatic wild dog)		<i>Cuon alpinus</i>	U.S.S.R., Korea, China, India, Southeast Asia.	do.....	E	3	NA	NA
Dibbler		<i>Antechinus apicalis</i>	Australia	do.....	E	4	NA	NA
Dog, African wild		<i>Lycan pictus</i>	Sub-Saharan Africa	do.....	E	139	NA	NA
Dolphin, Chinese river (=whitefin)		<i>Lipotes vexillifer</i>	China	do.....	E	350	NA	NA
Drill		<i>Papio leucophaeus</i>	Equatorial West Africa	do.....	E	16	NA	NA
Dugong		<i>Dugong dugon</i>	East Africa to southern Japan, including U.S.A. (Trust Territories), Sierra Leone, Liberia, Ivory Coast, Senegal to Ivory Coast	Entire, except U.S.A.	E	4	NA	NA
Duiker, Jentink's		<i>Cephalophorus leintinki</i>	Africa	Entire.....	E	50	NA	NA
Eland, Western giant		<i>Taurotragus derbianus derbianus</i>	South-central and Southeast Asia	do.....	T	40	NA	NA
Elephant, African		<i>Loxodonta africana</i>	Western U.S.A., Western Canada	do.....	E	15	NA	NA
Elephant, Asian		<i>Elephas maximus</i>	U.S.A. (northern plains), Canada	do.....	E	1, 3	NA	NA
Ferret, black-footed		<i>Mustela nigripes</i>	U.S.A. (CA)	Entire	E	3	NA	NA
Fox, Northern swift		<i>Vulpes velox hebes</i>	Ethiopia	do.....	E	1	NA	NA
Fox, San Joaquin kit		<i>Vulpes macrotis macrotis</i>	Arabian Peninsula, Palestine, Sinai, Somalia, Ethiopia	do.....	E	50	NA	NA
Fox, Simien		<i>Canis (Simenia) simensis</i>	Morocco, Algeria, Tunisia	do.....	E	50	NA	NA
Gazelle, Arabian		<i>Gazella gazella</i>	Morocco, Algeria, Tunisia	do.....	E	3	NA	NA
Gazelle, Clark's (=Dibatag)		<i>Ammodorcas clarkei</i>	Morocco	do.....	E	3	NA	NA
Gazelle, Cuvier's		<i>Gazella cuvieri</i>	Somalia	do.....	E	3	NA	NA
Gazelle, Mhorr		<i>Gazella dama mhorr</i>	Western Sahara	do.....	E	3	NA	NA
Gazelle, Moroccan (=Dorcas)		<i>Gazella dorcas massaesy/a</i>	Jordan, Arabian Peninsula	do.....	E	50	NA	NA
Gazelle, Pezeln's.		<i>Gazella dorcas pezelnii</i>	Israel, Iraq, Jordan, Syria, Arabian Peninsula	do.....	E	50	NA	NA
Gazelle, Rio de Oro Dama.		<i>Gazella dama lozanoi</i>	Sudan, Egypt, Algeria, Libya	do.....	E	3	NA	NA
Gazelle, sand		<i>Gazella subgutturosa marica</i>	China, India, Southeast Asia	do.....	E	3, 15	NA	NA
Gazelle, Saudi Arabian		<i>Gazella dorcas saudi</i>	Southwestern Asia	do.....	E	15	NA	NA
Gazelle, slender-horned (= Rhim)		<i>Gazella leptoceros</i>	Entire	do.....	E	15	NA	NA
Gibbons		<i>Hylobates</i> spp. (including <i>Nomascus</i>)	Central and Western Africa	do.....	E	3	NA	NA
Goat, wild (=Chitan markhor)		<i>Capra aegagrus</i> (= <i>falconeri chitranensis</i>)	India, Nepal, Bhutan	do.....	E	3	NA	NA
Goral		<i>Nemorhaedus goral</i>	Ethiopia, Somalia	do.....	E	3	NA	NA
Gorilla		<i>Gorilla gorilla</i>	Ethiopia, Sudan, Egypt	do.....	E	15	NA	NA
Hare, hispid		<i>Caprolagus hispidus</i>	India, Nepal, Bhutan, Sikkim	do.....	E	3, 50	NA	NA
Hartebeest, Swaine's.		<i>Alcelaphus buselaphus swaynei</i>	Mongolia, China	do.....	E	3	NA	NA
Hartebeest, Tora		<i>Alcelaphus buselaphus tora</i>	Ecuador, Peru, Chile, Bolivia, Argentina	do.....	E	15	NA	NA
Hog, pygmy		<i>Sus salvanius</i>	Chile, Argentina	do.....	E	15	NA	NA
Horse, Przewalski's		<i>Equus przewalskii</i>	Cuba	do.....	E	233	NA	NA
Huemul, North Andean		<i>Hippocamelus bisulcus</i>	do.....	E	233	NA	NA	NA
Hutia, Cabra's.		<i>Capromys angelcabrerae</i>	do.....	E	233	NA	NA	NA
Hutia, dwarf		<i>Capromys nana</i>	do.....	E	233	NA	NA	NA
Hutia, large-eared		<i>Capromys auritus</i>	do.....	E	233	NA	NA	NA

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Hutia, little earth		<i>Capromys sanfelipensis</i>	do	do	E	233	NA	NA
Hyena, Barbary		<i>Hyaena hyaena barbata</i>	Morocco, Algeria, Tunisia	do	E	3	NA	NA
Hyena, brown		<i>Hyaena brunnea</i>	Southern Africa	do	E	3	NA	NA
Ibex, Pyrenean.		<i>Capra pyrenaica pyrenaica</i>	Spain	do	E	3	NA	NA
Ibex, Walli		<i>Capra wallie</i>	Ethiopia	do	E	3	NA	NA
Impala, black-faced		<i>Aepyceros melampus petersi</i>	Namibia, Angola	do	E	3	NA	NA
Indri		<i>Indri indri</i> (= entire genus)	Malagasy Republic (= Madagascar)	do	E	3	NA	NA
Jaguar		<i>Panthera onca</i>	U.S.A. (TX, NM, AZ), C. and S. America	Mexico southward	E	5	NA	NA
Jagurundi		<i>Felis yagouaroundi caomitili</i>	U.S.A. (TX), Mexico	Entire	E	15	NA	NA
Do		<i>Felis yagouaroundi fossata</i>	Mexico, Nicaragua	do	E	15	NA	NA
Do		<i>Felis yagouaroundi panamensis</i>	Nicaragua, Costa Rica, Panama	do	E	15	NA	NA
Do		<i>Felis yagouaroundi tolteca</i>	U.S.A. (AZ), Mexico	do	E	15	NA	NA
Kangaroo, eastern gray		<i>Macropus giganteus</i> (all subspecies except tasmaniensis).	Australia	do	T	7	NA	17.40(a)
Kangaroo, red		<i>Macropus (Megaleia) rufus</i>	Australia (Tasmania)	do	E	6	NA	NA
Kangaroo, Tasmanian forester		<i>Macropus fuliginosus</i>	Australia	do	T	7	NA	17.40(a)
Kangaroo, western gray		<i>Bos sauveti</i>	Vietnam, Laos, Cambodia, Thailand	do	E	3	NA	NA
Kouprey		<i>Presbytis pileata</i>	India, Burma, Bangladesh	do	E	15	NA	NA
Langur, capped		<i>Pygathrix nemaeus</i> .	Cambodia, Laos, Vietnam	do	E	3	NA	NA
Langur, Douc		<i>Presbytis entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh, China (Kwangsi), Indochina	do	E	15	NA	NA
Langur, entellus			India (Assam), Bhutan, Indonesia	do	E	16	NA	NA
Langur, Francois'		<i>Presbytis francoisi</i>	Sri Lanka (= Ceylon)	do	E	15	NA	NA
Langur, golden		<i>Presbytis geei</i>	Vietnam	do	T	16	NA	17.40(c)
Langur, long-tailed		<i>Presbytis potenziani</i>	Southern Africa	do	E	3	NA	NA
Langur, Pagi Island		<i>Nasalis (Simias) concolor</i> .	Lemuridae (incl. Cheirogaleidae, Lepilemuridae); all members of genera <i>Lemur</i> , <i>Phaner</i> , <i>Hapalemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i> .	do	E	16	NA	17.40(c)
Langur, purple-faced		<i>Presbytis senex</i> .	<i>Pygathrix (Rhinopithhecus) avunculus</i> .	do	T	16	NA	17.40(c)
Langur, Tonkin snub-nosed		<i>Pygathrix</i> (<i>Rhinopithhecus</i>) <i>avunculus</i> .	Kobus leche	do	T	3, 15,	NA	NA
Lechwe, red			Lemuridae (incl. Cheirogaleidae, Lepilemuridae); all members of genera <i>Lemur</i> , <i>Phaner</i> , <i>Hapalemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i> .	do	E	106	NA	NA
Lemurs.		<i>Panthera pardus</i>	Africa, Asia	do	E	3, 15, 15A	NA	NA
Leopard			Wherever found, except where it is listed as Threatened as set forth below. In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya.	do	T	3, 5, 114	NA	NA
Leopard, clouded			do	do	T	3, 5, 114	NA	NA
Panthera uncia		<i>Panthera uncia</i>	Southeast and Central Asia	do	E	3, 15	NA	NA
Priodonton pardicolor		<i>Priodonton pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma.	do	E	5	NA	NA
Linsang, spotted			do	do	E	15	NA	NA

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Lion, Asiatic	<i>Panthera leo persica</i>	Turkey to India.	do.	E	3	NA	NA	
Loris, lesser slow	<i>Nycticebus pygmaeus</i>	Indochina.	do.	T	16	NA	17.40(c)	
Lynx, Spanish	<i>Felis</i> (= <i>Lynx</i>) <i>pardinus</i>	Spain, Portugal	do.	E	3	NA	NA	
Macaque, Formosan rock	<i>Macaca cyclopis</i>	Taiwan	do.	T	16	NA	17.40(c)	
Macaque, Japanese	<i>Macaca fuscata</i>	Japan (Shikoku, Kyushu and Honshu Islands).	do.	T	16	NA	17.40(c)	
Macaque, lion-tailed	<i>Macaca silenus</i>	India	do.	E	3	NA	NA	
Macaque, stump-tailed	<i>Macaca arctoides</i>	India (Assam) to southern China.	do.	T	16	NA	17.40(c)	
Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka (= Ceylon).	do.	T	16	NA	17.40(c)	
Manatee, Amazonian	<i>Trichechus inunguis</i>	South America (Amazon River Basin)	do.	E	3	NA	NA	
Manatee, West African	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal River to Cuanza River.	do.	T	52	NA	NA	
Manatee, West Indian (Florida)	<i>Trichechus manatus</i>	U.S.A. (southeastern), Caribbean Sea, South America.	do.	E	1, 3	17.95(a)	NA	
Mandrill	<i>Papio sphinx</i>	Equatorial West Africa.	do.	E	16	NA	NA	
Mangabey, Tana River	<i>Cercopithecus galentinus</i>	Kenya	do.	E	3	NA	NA	
Mangabey, white-collared	<i>Cercopithecus torquatus</i>	Senegal to Ghana; Nigeria to Gabon.	do.	E	16	NA	NA	
Margay	<i>Felis wiedii</i>	U.S.A. (TX), C. and S. America	do.	E	5	NA	NA	
Markhor, Kabal	<i>Capra falconeri megaceros</i>	Afghanistan, Pakistan	do.	E	15	NA	NA	
Markhor, straight-horned	<i>Capra falconeri jerdoni</i>	Brazil	do.	E	15	NA	NA	
Marmoset, buff-headed	<i>Callithrix flaviceps</i>	Costa Rica to Colombia.	do.	E	139	NA	NA	
Marmoset, buffy tuffed-ear	<i>Callithrix jacchus aurita</i>	Brazil, Colombia, Ecuador, Peru, Bolivia	do.	E	233	NA	NA	
Marmoset, cotton-top	<i>Saguinus oedipus</i>	Canada (Vancouver Island)	do.	E	16	NA	NA	
Marmoset, Goeldi's	<i>Callimico goeldii</i>	Australia	do.	E	3	NA	NA	
Marmot, Vancouver Island	<i>Marmota vancouverensis</i>	do.	do.	E	139	NA	NA	
Marsupial, eastern jerboa	<i>Antechinomys laniger</i>	do.	do.	E	4	NA	NA	
Marsupial-mouse, large desert	<i>Sminthopsis psammophila</i>	Taiwan	do.	E	4	NA	NA	
Marsupial-mouse, long-tailed	<i>Sminthopsis longicaudata</i>	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon.	do.	E	3	NA	NA	
Marten, Formosan yellow-throated	<i>Martes flavigula cinnospila</i>	Mexico, Guatemala, Belize	do.	T	16	NA	17.40(c)	
Monkey, black colobus	<i>Colobus satanas</i>	Coastal West Africa.	do.	E	16	NA	NA	
Monkey, black howler	<i>Alouatta pigra</i>	Mexico to South America.	do.	E	15	NA	NA	
Monkey, Diana	<i>Cercopithecus diana</i>	Upper Eastern Congo Basin, Cameroon.	do.	E	16	NA	NA	
Monkey, howler	<i>Alouatta palliata</i> (= <i>villoso</i>)	Borneo	do.	E	139	NA	NA	
Monkey, I'hoest's	<i>Cercopithecus lhoesti</i>	Costa Rica, Panama	do.	E	15	NA	NA	
Monkey, Preuss' red colobus	<i>Colobus badius preussi</i>	Western Nigeria.	do.	E	3	NA	NA	
Monkey, proboscis	<i>Nasalis larvatus</i>	Nigeria, Cameroon, Fernando Po	do.	E	16	NA	NA	
Monkey, red-backed squirrel	<i>Saimiri oerstedii</i>	Costa Rica, Nicaragua.	do.	E	3	NA	NA	
Monkey, red-bellied	<i>Cercopithecus erythrotaster</i>	Costa Rica, Panama.	do.	E	3	NA	NA	
Monkey, red-eared nose-spotted	<i>Cercopithecus erythrarchus</i>	Kenya	do.	E	3, 16	NA	NA	
Monkey, spider	<i>Atelopus geoffroyi frontalis</i>	Brazil	do.	E	3	NA	NA	
Monkey, Tana River red colobus	<i>Colobus rufomitratus</i> (= <i>badius</i>) <i>rufomitratus</i> .	Andes of northern Peru.	do.	E	3	NA	NA	
Monkey, woolly spider	<i>Brachyteles arachnoides</i>	Tanzania	do.	E	16	NA	NA	
Monkey, yellow-tailed woolly	<i>Lagothrix flavicauda</i>	U.S.A. (AL)	do.	E	3	NA	NA	
Monkey, Zanzibar red colobus	<i>Colobus kirkii</i>	U.S.A. (FL)	do.	E	183	17.95(a)	NA	
Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	Australia	do.	E	349	NA	NA	
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	do.	do.	E	15	NA	NA	
Mouse, Australian native	<i>Zyzomys</i> (= <i>Notomys</i>) <i>pedunculatus</i>	U.S.A. aquilo.	do.	E	15	NA	NA	
Mouse, Choctawhatchee beach	<i>Notomys aquilo</i>	U.S.A. (FL)	do.	E	183	17.95(a)	NA	
Mouse, Field's	<i>Peromyscus polionotus allophys</i>	Australia	do.	E	4	NA	NA	

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Mouse, Gould's Mouse, Key Largo cotton		<i>Pseudomys gouldii</i> ... <i>Peromyscus gossypinus allapaticola</i> ...	U.S.A. (FL) ...	do ... do ...	E E	6 131E, 160	NA NA	NA NA
Mouse, New Holland		<i>Pseudomys novaehollandiae</i> ...	Australia	do ...	E	4	NA	NA
Mouse, Perdido Key beach		<i>Peromyscus polionotus trisyllipsis</i> ...	U.S.A. (AL, FL) ...	do ...	E	183	17.95(a)	NA NA
Mouse, salt marsh harvest		<i>Reithrodontomys raviventris</i> ...	U.S.A. (CA), Australia	do ... do ...	E E	2 4	NA NA	NA NA
Mouse, Shark Bay		<i>Pseudomys praecoxis</i> ...	Australia	do ...	E	4	NA	NA
Mouse, Shortridge's		<i>Pseudomys shortridgei</i> ...	Australia	do ...	E	4	NA	NA
Mouse, Smoky		<i>Pseudomys fumeus</i> ...	U.S.A. (FL) ...	do ...	E	4	NA	NA
Mouse, southeastern beach		<i>Peromyscus polionotus niveiventeris</i> ...	Australia	do ...	T	349	NA	NA
Mouse, western		<i>Pseudomys occidentalis</i> ...	Northern Thailand, Burma, Australia	do ... do ...	E E	4 50	NA NA	NA NA
Muntjac, Fea's		<i>Muntiacus feae</i> ...	Australia	do ...	E	6	NA	NA
Native-cat, eastern		<i>Dasyurus viverrinus</i> .	U.S.A. (AZ, TX) to C. and S. America	do ...	E	4, 6	NA	NA
Numbat		<i>Myrmecobius fasciatus</i> ...	Borneo, Sunatra, Arabian Peninsula	do ... do ...	E E	5, 119	NA	NA
Ocelot		<i>Felis pardalis</i> ...	Cameroon, Nigeria ...	do ...	E	3	NA	NA
Ornutan		<i>Pongo pygmaeus</i> ...	South America	do ...	E	3	NA	NA
Oryx, Arabian		<i>Oryx leucoryx</i> ...	Peru south to Straits of Magellan	do ...	E	3	NA	NA
Otter, Cameroon clawless.		<i>Aonyx (Paraonyx) congica microdon</i> ...	Chile, Argentina	do ...	E	3	NA	NA
Otter, giant		<i>Pteronura brasiliensis</i> ...	West Coast, USA (WA, OR, CA) south to Mexico (Baja, California).	do ...	E	3, 15	NA	NA
Otter, long-tailed		<i>Lutra longicaudis</i> (incl. <i>platensis</i>)	Peru south to Straits of Magellan	do ...	E	15	NA	NA
Otter, marine		<i>Lutra felina</i> ...	Chile, Argentina	do ...	E	15	NA	NA
Otter, southern river		<i>Lutra provocax</i> ...	West Coast, USA (WA, OR, CA) south to Mexico (Baja, California).	do ...	E	21, 284	NA	NA
Otter, southern sea		<i>Enhydra lutris nereis</i> ...	Peru south to Straits of Magellan	do ...	E	21, 284	NA	NA
Do.		...do ...	All areas subject to U.S. jurisdiction south of Pt. Conception, CA (34°26.9' N. Lat.) [Note: status governed by Pub. L. 99-625, 100 Stat. 3500].	[See 17.84 (d)]		21, 284	17.84(d)	
Panda, giant								
Pangolin (= scaly anteater)		<i>Ailuropoda melanoleuca</i> ...	Entire		E	139	NA	NA
Panther, Florida		<i>Manis temminckii</i> ...	do ...		E	15	NA	NA
Planigale, little		<i>Felis concolor coryi</i> ...	U.S.A. (LA and AR east to SC and FL) ...	do ...	E	1	NA	NA
Planigale, southern		<i>Planigale ingrami subtilissima</i> (formerly <i>P. subtilissima</i>).	Australia	do ...	E	4	NA	NA
Porcupine, thin-spined		<i>Planigale tenuirostris</i> ...	Brazil	do ...	E	4	NA	NA
Possom, Leadbeater's		<i>Chaetomys subspinosus</i> ...	Australia	do ...	E	3	NA	NA
Possom, mountain pygmy		<i>Gymnobelideus leadbeateri</i> ...	Mexico	do ...	E	233	NA	NA
Possom, scaly-tailed		<i>Burramys parvus</i> ...	U.S.A. (UT)	do ...	E	4	NA	NA
Prairie dog, Mexican		<i>Wyulda squamicaudata</i> ...	Mexico (Baja California)	do ...	E	3	NA	NA
Prairie dog, Utah		<i>Cynomys mexicanus</i> .	U.S.A. (AZ), Mexico	do ...	T	6, 149	NA	17.40(g)
Pronghorn, peninsular		<i>Cynomys parvidens</i> .	Southern South America	do ...	E	10	NA	NA
Pronghorn, Sonoran		<i>Antilocapra americana peninsulae</i> ...	U.S.A. (AZ)	do ...	E	1, 3	NA	NA
Pudu		<i>Antilocapra americana sonoriensis</i> ...	Puerto Rico	do ...	E	15	NA	NA
Puma, Costa Rican		<i>Pudu pudu</i> ...	Nicaragua, Panama, Costa Rica	do ...	E	15	NA	NA

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Quokka	<i>Setonix brachyurus</i>	Australia	do.....	do.....	E	6	NA	NA
Rabbit, Ryukyu	<i>Pentalagus furnessi</i>	Japan (Ryukyu Islands)	do.....	do.....	E	50	NA	NA
Rabbit, volcano	<i>Romerolagus diazi</i>	Mexico	do.....	do.....	E	3	NA	NA
Rat, false water	<i>Xeromys myoides</i>	Australia	do.....	do.....	E	4	NA	NA
Rat, Fresno kangaroo	<i>Dipodomys nitratoides exilis</i>	U.S.A. (CA)	do.....	do.....	E	170	17.95(a)	NA
Rat, giant kangaroo	<i>Dipodomys ingens</i>	do.....	do.....	do.....	E	251	NA	NA
Rat, Morro Bay kangaroo	<i>Dipodomys heermanni morroensis</i>	do.....	do.....	do.....	E	2	17.95(a)	NA
Rat, Stephens kangaroo	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>)	Australia	do.....	do.....	E	338	NA	NA
Rat, stick-nest	<i>Leporillus conditor</i>	U.S.A. (CA)	do.....	do.....	E	6	NA	NA
Rat, Tipton kangaroo	<i>Dipodomys nitratoides nitratoides</i>	Australia	do.....	do.....	E	312	NA	NA
Rat-kangaroo, brush-tailed	<i>Bettongia penicillata</i>	do.....	do.....	do.....	E	4	NA	NA
Rat-kangaroo, Gaimard's	<i>Bettongia gaimardi</i>	do.....	do.....	do.....	E	6	NA	NA
Rat-kangaroo, Lesuer's	<i>Bettongia lesueuri</i>	do.....	do.....	do.....	E	4	NA	NA
Rat-kangaroo, plain	<i>Caloprymnus campstris</i>	do.....	do.....	do.....	E	4	NA	NA
Rat-kangaroo, Queensland	<i>Bettongia tropica</i>	do.....	do.....	do.....	E	4	NA	NA
Rhinoceros, black	<i>Dicerorhinus bicornis</i>	Sub-Saharan Africa	do.....	do.....	E	97	NA	NA
Rhinoceros, great Indian	<i>Rhinoceros unicornis</i>	India, Nepal	do.....	do.....	E	4	NA	NA
Rhinoceros, Javan	<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia, Zaire, Sudan, Uganda, Central African Republic.	do.....	do.....	E	3	NA	NA
Rhinoceros, northern white	<i>Ceratotherium simum cottoni</i> ...	Bangladesh to Vietnam to Indonesia (Borneo).	do.....	do.....	E	3	NA	NA
Rhinoceros, Sumatran	<i>Dicerorhinus (= Didermoceros) sumatrensis</i> .	Mongolia	do.....	do.....	E	15	NA	NA
Saiga, Mongolian (antelope)	<i>Saiga tatarica mongolica</i>	Brazil	do.....	do.....	E	233	NA	NA
Saki, southern bearded	<i>Chiropotes satanas satanas</i>	do.....	do.....	do.....	T	384E	NA	227.12
Saki, white-nosed	<i>Chiropotes albifrons</i>	U.S.A. (AK, CA, OR, WA), Canada, Soviet Union; North Pacific Ocean.	do.....	do.....	E	1, 2, 45	NA	NA
Sea-lion, Steller (= northern)	<i>Eumetopias jubatus</i>	Caribbean Sea, Gulf of Mexico	do.....	do.....	T	212	NA	227.11
Seal, Caribbean monk	<i>Monachus tropicalis</i>	U.S.A. (Farallon Islands of CA) south to Mexico (Islas Revillagigedo).	do.....	do.....	E	18	226.11	NA
Seal, guadalupe fur	<i>Arctocephalus townsendi</i>	U.S.A. (HI)	do.....	do.....	E	3	NA	NA
Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	Mediterranean, Northwest African Coast and Black Sea.	do.....	do.....	E	3	NA	NA
Seal, Mediterranean monk	<i>Monachus monachus</i>	Bangladesh, Southeast Asia, India	do.....	do.....	E	3	NA	NA
Seledang (= Gaur)	<i>Bos gaurus</i>	East Asia, Sumatra	do.....	do.....	E	15	NA	NA
Serow	<i>Capricornis sumatraensis</i>	Algeria	do.....	do.....	E	3	NA	NA
Serval, Barbary	<i>Felis serval constantina</i>	Kashmir	do.....	do.....	E	15	NA	NA
Shapo	<i>Ovis vignei vignei</i>	Tibet, Bhutan	do.....	do.....	E	3	NA	NA
Shou	<i>Cervus elaphus wallichi</i>	U.S.A. (VA, NC)	do.....	do.....	T	246	NA	NA
Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	Malaysia, Indonesia	do.....	do.....	E	15	NA	NA
Siamang	<i>Sympalangus syndactylus</i>	Malagasy Republic (= Madagascar).	do.....	do.....	E	4	NA	NA
Sifakas	<i>Propithecus</i> spp. (all species).	Brazil	do.....	do.....	E	3, 4	NA	NA
Sloth, Brazilian three-toed	<i>Bradypterus torquatus</i>	Cuba	do.....	do.....	E	3	NA	NA
Solenodon, Cuban	<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	do.....	do.....	E	3	NA	NA
Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	U.S.A. (NC, TN)	do.....	do.....	E	189	NA	NA
Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	Entire, except Sussex Co., DE.	do.....	do.....	E	1, 161,	NA	NA
Do.....	do.....	U.S.A. (DE — Sussex County).	do.....	do.....	XN	161	NA	17.84(a)
Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	Entire	do.....	do.....	E	268	17.95(a)	NA
Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	Entire	do.....	do.....	E	189	NA	NA
Stag, Barbary	<i>Cervus elaphus barbarus</i>	Entire	do.....	do.....	E	3	NA	NA

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Stag, Kashmir Suni, Zanzibar.	<i>Cervus elaphus hanglu</i> <i>Neotragus moschatus</i> .	<i>Kashmir</i> <i>Zanzibar (and nearby Islands)</i>	do..... do.....	E E	3 50	NA NA	NA NA	NA NA
Tahr, Arabian	<i>Hemitragus jayakari</i>	Oman	do.....	E	50	NA	NA	NA
Tanaraw	<i>Bubalus mindorensis</i>	Philippines	do.....	E	4	NA	NA	NA
Tamarin, golden-rumped (=golden-headed Tamarin; = golden-lion Marmoset).	<i>Leontopithecus (= Leontideus) spp. (all species).</i>	Brazil	do.....	E	3	NA	NA	NA
Tamarin, pied.....	<i>Saguinus bicolor</i>	Colombia	do.....	E	16	NA	NA	NA
Tamarin, white-footed.....	<i>Saguinus leucopus</i>	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand.	do.....	T	16	NA	17.40(c) NA	NA
Tapir, Asian.....	<i>Tapirus indicus</i>	Colombia and Venezuela south to Paraguay and Argentina.	do.....	E	15	NA	NA	NA
Tapir, Brazilian.	<i>Tapirus terrestris</i>	Southern Mexico to Colombia and Ecuador.	do.....	E	3	NA	NA	NA
Tapir, Central American.....	<i>Tapirus bairdii</i>	Colombia, Ecuador and possibly Peru and Venezuela.	do.....	E	3	NA	NA	NA
Tapir, mountain.....	<i>Tapirus pinchaque</i>	Philippines	do.....	T	16	NA	17.40(c) NA	NA
Tarsier, Philippine.	<i>Tarsius syrichta</i>	Temperate and Tropical Asia	do.....	E	3, 5	NA	NA	NA
Tiger.....	<i>Panthera tigris</i>	Australia	do.....	E	3	NA	NA	NA
Tiger, Tasmanian (= Thylacine)	<i>Thylacinus cynocephalus</i>	Peru, Brazil, Ecuador, Colombia, Venezuela.	do.....	E	3	NA	NA	NA
Uakari (all species)	<i>Cacajao</i> spp. (all species)	Cyprus	do.....	E	15	NA	NA	NA
Urial.	<i>Ovis musimon (=orientalis) ophion</i>	South America (Andes)	do.....	E	3	NA	NA	NA
Vicuna.	<i>Vicugna vicugna</i>	U.S.A. (CA)	do.....	E	166	17.95(a) NA	NA	NA
Vole, Amargossa.	<i>Microtus californicus scirpensis</i>	U.S.A. (AZ)	do.....	E	292	NA	NA	NA
Vole, Hulapai Mexican.	<i>Microtus mexicanus hualapaiensis</i>	Australia	do.....	E	4	NA	NA	NA
Wallaby, banded hare.....	<i>Lagostomus fasciatus</i>	do.....	do.....	E	4	NA	NA	NA
Wallaby, brindled nail-tailed.....	<i>Onychogalea fraenata</i>	do.....	do.....	E	4	NA	NA	NA
Wallaby, crescent nail-tailed.....	<i>Onychogalea lunata</i>	do.....	do.....	E	4	NA	NA	NA
Wallaby, Paima.....	<i>Macropus parma</i>	do.....	do.....	E	4	NA	NA	NA
Wallaby, Western hare	<i>Lagorchestes hirsutus</i>	do.....	do.....	E	4	NA	NA	NA
Wallaby, yellow-footed rock.....	<i>Petrogale xanthopus</i>	Oceanic	do.....	E	6	NA	NA	NA
Whale, blue.....	<i>Balaenoptera musculus</i>	Oceanic (north latitudes only)	do.....	E	3	NA	NA	NA
Whale, bowhead.....	<i>Balaenoptera mysticetus</i>	Oceanic	do.....	E	3	NA	NA	NA
Whale, finback.....	<i>Balaenoptera physalus</i>	North Pacific Ocean: coastal and Bering Sea, formerly North Atlantic Ocean.	do.....	E	3	NA	NA	NA
Whale, gray	<i>Eschrichtius robustus</i>	Oceanic	do.....	E	3	NA	NA	NA
Whale, humpback	<i>Megaptera novaengliae</i>	Oceanic	do.....	E	3	NA	222.31	NA
Whale, right.....	<i>Balaenoptera glacialis</i>	Oceanic	do.....	E	3	NA	NA	NA
Whale, Sei.....	<i>Balaenoptera borealis</i>	Oceanic	do.....	E	3	NA	NA	NA
Whale, sperm.....	<i>Physeter catodon</i>	Holarctic	do.....	E	3	NA	NA	NA
Wolf, gray	<i>Canis lupus</i>	U.S.A. (48 conterminous States, except MN), Mexico, U.S.A. (MN)	U.S.A. (48 conterminous States, except MN), Mexico, U.S.A. (MN)	E	1, 6, 13, 15, 36	17.95(a) 17.95(d)	17.95(a) 17.40(d)	NA
Do.....	<i>Chrysocyon brachyurus</i>	Argentina, Bolivia, Brazil, Paraguay, Uruguay.	do.....	T	35	17.95(a) NA	17.95(a) 17.40(d)	NA
Wolf, maned.....				E	4			

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Wolf, red.....	<i>Canis rufus</i>	U.S.A. (SE U.S.A., west to central TX).....	Entire, except Dare, Tyrrell, Hyde, and Washington Counties, NC. U.S.A.: NC-Dare, Tyrrell, Hyde, & Washington Cos.	E	1, 248	NA	NA	NA
Do.....	.....do.....	Australia	Entire.....	XN	248	NA	NA	17.84(c)
Wombat, hairy-nosed (=Barnard's and Queensland hairy-nosed). Woodrat, Key Largo.....	<i>Lasiorhinus krefftii</i> (formerly <i>L. barnardi</i> and <i>L. gillespieni</i>). <i>Neotoma floridana smalli</i>	U.S.A. (FL) .....	.....do.....	E	4, 6	NA	NA	NA
Yak, wild.....	<i>Bos grunniens</i>	China (Tibet), India.....	.....do.....	E	131E, 160	NA	NA	NA
Zebra, Grevy's.....	<i>Equus grevyi</i>	Kenya, Ethiopia, Somalia .....	.....do.....	E	3	NA	NA	NA
Zebra, Hartmann's mountain.....	<i>Equus zebra hartmannae</i>	Namibia, Angola .....	.....do.....	T	54, 111	NA	NA	NA
Zebra, mountain.....	<i>Equus zebra zebra</i>	South Africa .....	.....do.....	T	15, 111	NA	NA	NA
BIRDS								
Akepa, Hawaii (honeycreeper).....	<i>Loxops coccineus coccineus</i>	U.S.A. (HI) .....	.....do.....	E	2	NA	NA	NA
Akepa, Maui (honeycreeper).....	<i>Loxops coccineus ochraceus</i> .....	.....do.....	.....do.....	E	2	NA	NA	NA
Akialoa, Kauai (honeycreeper).....	<i>Hemignathus procerus</i> .....	.....do.....	.....do.....	E	1	NA	NA	NA
Akiapolaau (honeycreeper).....	<i>Hemignathus munroi</i> (= <i>wilsoni</i>) .....	.....do.....	.....do.....	E	1	NA	NA	NA
Albatross, short-tailed.....	<i>Diomedea albatrus</i>	North Pacific Ocean: Japan, U.S.S.R., U.S.A. (AK, CA, HI, OR, WA).	Entire, except U.S.A. (AK, CA, HI, OR, WA).	E	3	NA	NA	NA
Blackbird, yellow-shouldered.....	<i>Agelaius xanthomus</i>	U.S.A. (PR)	Entire.....	E	17	17.95(b)	NA	NA
Boobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	U.S.A. (AZ) .....	.....do.....	E	1, 3	NA	NA	NA
Booby, Abbott's.....	<i>Sula abbotti</i>	Mexico (Sonora) .....	.....do.....	E	15	NA	NA	NA
Bristlebird, western.....	<i>Dasyornis broadbenti litoralis</i>	Australia .....	.....do.....	E	3	NA	NA	NA
Bristlebird, western rufous.....	<i>Dasyornis longirostris</i> .....	.....do.....	.....do.....	E	15	NA	NA	NA
Broadbill, Guam.....	<i>Myiagra freycinetii</i>	Western Pacific Ocean: U.S.A. (Guam) .....	.....do.....	E	156	NA	NA	NA
Bulbul, Mauritius oliveaceous.....	<i>Hypsipetes borbonicus olivaceus</i>	Indian Ocean: Mauritius .....	.....do.....	E	3	NA	NA	NA
Bullfinch, Sao Miguel (finch).....	<i>Pyrnula pyrrhula murina</i>	Eastern Atlantic Ocean: Azores .....	.....do.....	E	3	NA	NA	NA
Bushwren, New Zealand	<i>Xenicus longipes</i>	New Zealand .....	.....do.....	E	3	NA	NA	NA
Bustard, great Indian	<i>Chortioris nigriceps</i>	India, Pakistan .....	.....do.....	E	3	NA	NA	NA
Cahow (= Bermuda Petrel).....	<i>Pterodroma cahow</i>	North Atlantic Ocean: Bermuda .....	.....do.....	E	3	NA	NA	NA
Caracara, Audubon's crested.....	<i>Polyborus plancus audubonii</i>	U.S.A. (AZ, FL, LA, NM, TX) south to Panama; Cuba.	U.S.A. (FL)	T	280	NA	NA	NA
Condor, Andean	<i>Vultur gryphus</i>	Colombia to Chile and Argentina	Entire, U.S.A. to Chile and Argentina	E	4	NA	NA	NA
Condor, California	<i>Gymnogyps californianus</i>	U.S.A. (OR, CA), Mexico (Baja California).	U.S.A. only	E	1	17.95(b)	NA	NA
Coot, Hawaiian (=alae keo keo)	<i>Fulica americana alai</i>	Entire.....	.....do.....	E	2	NA	NA	NA
Cotinga, banded	<i>Cotinga maculata</i> .....	.....do.....	.....do.....	E	15	NA	NA	NA
Cotinga, white-winged	<i>Xiphocolaptes albicollus</i> .....	.....do.....	.....do.....	E	15	NA	NA	NA
Crane, black-necked	<i>Grus nigricollis</i>	China (Tibet) .....	.....do.....	E	15	NA	NA	NA
Crane, Cuba sandhill	<i>Grus canadensis nesiotis</i>	West Indies: Cuba .....	.....do.....	E	15	NA	NA	NA
Crane, hooded	<i>Grus monacha</i>	Japan, U.S.S.R. ....	.....do.....	E	4	NA	NA	NA
Crane, Japanese	<i>Grus japonensis</i>	China, Japan, Korea, U.S.S.R. ....	.....do.....	E	3	NA	NA	NA
Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	U.S.A. (MS) .....	.....do.....	E	6	17.95(b)	NA	NA
Crane, Siberian white.....	<i>Grus leucogeranus</i>	U.S.S.R. (Siberia) to India, including Iran and China.do.....	E	4	NA	NA	NA
Crane, white-naped	<i>Grus vipio</i>	Mongolia.....do.....	E	15	NA	NA	NA

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Crane, whooping	<i>Grus americana</i>	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico.	do.....	E	1, 3	17.95(b)	NA	
Creeler, Hawaii	<i>Oreomystis</i> (= <i>Loxops</i>) <i>manea</i>	U.S.A. (HI)	do.....	E	10	NA	NA	
Creeler, Molokai (=katawahie)	<i>Paroemyza</i> (= <i>Oreomystis</i> , = <i>Loxops</i>) <i>flammea</i> .	do	do.....	E	2	NA	NA	
Creeler, Oahu (=alauwahio)	<i>Paroemyza</i> (= <i>Oreomystis</i> , = <i>Loxops</i>) <i>maculata</i> .	do	do.....	E	2	NA	NA	
Crow, Hawaiian (= 'alala)	<i>Corvus hawaiiensis</i> (= <i>tropicus</i>)	Western Pacific Ocean: U.S.A. (Guam, Rota).	do.....	E	1	NA	NA	
Crow, Mariana	<i>Corvus kubaryi</i>	do.....	do.....	E	156	NA	NA	
Cuckoo-shrike, Mauritius	<i>Coquus</i> (= <i>Coracina</i>) <i>typicus</i>	Indian Ocean: Mauritius.	do.....	E	3	NA	NA	
Cuckoo-shrike, Reunion	<i>Coquus</i> (= <i>Coracina</i>) <i>newtoni</i>	Indian Ocean: Reunion	do.....	E	3	NA	NA	
Curassow, razor-billed	<i>Mitu</i> (= <i>Crax</i>) <i>mitu mitu</i>	Brazil (Eastern)	do.....	E	15	NA	NA	
Curassow, red-billed	<i>Crax blumenbachii</i>	Brazil	do.....	E	4	NA	NA	
Curassow, Trinidad white-headed	<i>Pipile pipile pipile</i>	West Indies: Trinidad	do.....	E	3	NA	NA	
Curlew, Eskimo.	<i>Numenius borealis</i>	Alaska and northern Canada to Argentina.	do.....	E	1, 3	NA	NA	
Dove, cloven-feathered	<i>Drepanoptila holosericea</i>	Southwest Pacific Ocean: New Caledonia.	do.....	E	3	NA	NA	
Dove, Grenada gray-fronted	<i>Leptotila rufaxilla wellsi</i>	West Indies: Grenada	do.....	E	3	NA	NA	
Duck, Hawaiian (= koloa)	<i>Anas wyvilliana</i>	U.S.A. (HI)	do.....	E	1	NA	NA	
Duck, Laysan	<i>Anas laysanensis</i>	do	do.....	E	1	NA	NA	
Duck, pink-headed	<i>Rhodonessa caryophyllacea</i>	India	do.....	E	15	NA	NA	
Duck, white-winged wood	<i>Cairina scutulata</i>	India, Malaysia, Indonesia, Thailand	do.....	E	3	NA	NA	
Eagle, bald	<i>Haliaeetus leucocephalus</i>	North America south to northern Mexico	U.S.A. (conterminous U.S., except WA, OR, MN, WI, MI).	E	1, 34	NA	NA	
Do	do	do	U.S.A. (WA, OR, MN, WI, MI). Entire	T	34	NA	17.41(a)	
Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i> .	Greenland and adjacent Atlantic Islands	E	15	NA	NA		
Eagle, harpy	<i>Harpia harpyja</i>	Mexico south to Argentina	E	15	NA	NA		
Eagle, Philippine (= monkey-eating)	<i>Pithecophaea jefferyi</i>	Philippines	E	3	NA	NA		
Eagle, Spanish Imperial	<i>Aquila heliaca adalberti</i>	Spain, Morocco, Algeria	E	3	NA	NA		
Egret, Chinese	<i>Egretta eulophotes</i> .	China, Korea	E	3	NA	NA		
Falcon, American peregrine	<i>Falco peregrinus anatum</i>	Nests from central Alaska across north-central Canada to central Mexico, winters south to South America.	do.....	E	2, 3, 145	17.95(b)	NA	
Falcon, Arctic peregrine	<i>Falco peregrinus tundrius</i>	Nests from northern Alaska to Greenland; winters south to Central and South America.	do.....	T	2, 3, 145	NA	NA	
Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Europe, Eurasia south to Africa and Mideast.	do.....	E	15	NA	NA	
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i> .	U.S.A. (AZ, NM, TX), Mexico, Guatemala.	do.....	E	216	NA	NA	
Falcon, peregrine	<i>Falco peregrinus</i>	Worldwide, except Antarctica and most Pacific Islands.	do.....	E(S/A)	145	NA	NA	
Finch, Laysan (honeycreeper)	<i>Telespiza</i> (= <i>Psittirostra</i>) <i>cantans</i>	Wherever found in wild in the conterminous 48 States.	do.....	E	1	NA	NA	
Finch, Nihoa (honeycreeper)	<i>Telespiza</i> (= <i>Psittirostra</i>) <i>ultima</i>	Entire	do.....	E	1	NA	NA	
Flycatcher, Euler's	<i>Empidonax euleri johnstonei</i>	do.....	do.....	E	3	NA	NA	

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Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Indian Ocean: Seychelles	do.....	E	3	NA	NA	NA
Flycatcher, Tahiti	<i>Pomarea nigra</i>	South Pacific Ocean: Tahiti	do.....	E	3	NA	NA	NA
Fody, Seychelles (weaver-fin)	<i>Foudia sechellarum</i>	Indian Ocean: Seychelles	do.....	E	3	NA	NA	NA
Frigatebird, Andrew's	<i>Fregata andrewsi</i>	East Indian Ocean	do.....	E	15	NA	NA	NA
Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	U.S.A. (AK, CA, OR, WA), Japan	do.....	E	1, 3	NA	NA	NA
Goose, Hawaiian (= nene)	<i>Nesochen (= Branta) sandvicensis</i>	U.S.A. (HI)	do.....	E	1	NA	NA	NA
Goshawk, Christmas Island	<i>Accipiter fasciatus natalis</i>	Indian Ocean: Christmas Island	do.....	E	3	NA	NA	NA
Grackle, slender-billed	<i>Quiscalus (= Cassidix) palustris</i>	Mexico	do.....	E	3	NA	NA	NA
Grasswren, Eryean (flycatcher)	<i>Amytornis goyderi</i>	Australia	do.....	E	3	NA	NA	NA
Grebe, Attilan.	<i>Podilymbus gigas</i>	Guatemala	do.....	E	3	NA	NA	NA
Greenshank, Nordmann's	<i>Tringa guttifer</i>	U.S.S.R., Japan, south to Malaysia, Borneo.	do.....	E	15	NA	NA	NA
Guan, horned	<i>Oreophasis derbianus</i> .	Guatemala, Mexico	do.....	E	3	NA	NA	NA
Gull, Audouin's	<i>Larus audouinii</i>	Mediterranean Sea	do.....	E	3	NA	NA	NA
Gull, relict	<i>Larus relictus</i>	India, China	do.....	E	15	NA	NA	NA
Hawk, Anjouan Island sparrow	<i>Accipiter francesii pusillus</i>	Indian Ocean: Comoro Islands	do.....	E	3	NA	NA	NA
Hawk, Galapagos	<i>Buteo galapagoensis</i>	Ecuador (Galapagos Islands)	do.....	E	3	NA	NA	NA
Hawk, Hawaiian (= Io)	<i>Buteo solitarius</i>	U.S.A. (HI)	do.....	E	1	NA	NA	NA
Hermits, hook-billed (hummingbird)	<i>Glaucus (= Ramphodons) dohrni</i>	Brazil	do.....	E	15	NA	NA	NA
Honeyeater, crested (= 'akohekohe)	<i>Palmeria dolei</i>	U.S.A. (HI)	do.....	E	1	NA	NA	NA
Honeyeater, helmeted	<i>Meliphaga cassida</i>	Australia	do.....	E	4	NA	NA	NA
Hornbill, helmeted	<i>Rhinopomax vigil</i>	Thailand, Malaysia	do.....	E	15	NA	NA	NA
Ibis, Japanese crested	<i>Nipponia nippon</i>	China, Japan, U.S.S.R., Korea	do.....	E	3	NA	NA	NA
Jay, Florida scrub.	<i>Aphelocoma coerulescens coerulescens</i> .	U.S.A. (FL)	do.....	T	267	NA	NA	NA
Kagu	<i>Strigops habroptilus</i>	South Pacific Ocean: New Caledonia	do.....	E	3	NA	NA	NA
Kakapo (= owl-parrot)	<i>Falco punctatus</i>	New Zealand	do.....	E	3	NA	NA	NA
Kestrel, Mauritius	<i>Falco areaa</i>	Indian Ocean: Mauritius	do.....	E	3	NA	NA	NA
Kestrel, Seychelles	<i>Halcyon cinnamominna cinnamominna</i>	West Pacific Ocean: Seychelles Islands	do.....	E	3	NA	NA	NA
Kingfisher, Guam Micronesian	<i>Chondrohierax uncinatus wilsonii</i>	West Indies: Cuba	do.....	E	3	NA	NA	NA
Kite, Cuba hook-billed	<i>Rostrhamus sociabilis plumbeus</i>	U.S.A. (FL), Cuba	do.....	E	3	NA	NA	NA
Kite, Everglade snail	<i>Chondrohierax uncinatus mirus</i>	West Indies; Grenada	do.....	E	3	NA	NA	NA
Kite, Grenada hook-billed	<i>Callaeas cinerea</i>	New Zealand	do.....	E	3	NA	NA	NA
Kokako (wattlebird)	<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	do.....	E	15	NA	NA	NA
Macaw, glaucous	<i>Anodorhynchus leari</i>	Brazil	do.....	E	15	NA	NA	NA
Macaw, indigo	<i>Cyanopsitta spixii</i>	do.....	E	15	NA	NA	NA	NA
Macaw, little blue	<i>Copsychus sechelliarum</i>	do.....	E	3	NA	NA	NA	NA
Magpie-robin, Seychelles (thrush)	<i>Phaenocophaeus pyrrocephalus</i>	do.....	E	3	NA	NA	NA	NA
Malikoha, red-faced (cuckoo)	<i>Anas oustaletii</i>	do.....	E	23	NA	NA	NA	NA
Malillard, Manana	<i>Macrocephalon maleo</i>	do.....	E	3	NA	NA	NA	NA
Megapode, Maleo	<i>Megapodius laperouse</i>	do.....	E	3	NA	NA	NA	NA
Megapode, Micronesian (= La Perouse's)	<i>Acrocephalus familiaris kingi</i>	West Pacific Ocean: U.S.A. (Palaau Island, Mariana Islands).	do.....	E	1	NA	NA	NA
Millerbird, Nihoa (old world flycatcher)	<i>Monarcha takatsukasae</i>	West Pacific Ocean: U.S.A. (Mariana Islands).	do.....	T	3, 261	NA	NA	NA
Moorhen common.	<i>Macrocephalon maleo</i>	U.S.A. (HI)	do.....	E	1	NA	NA	NA
Moorhen (=gallinule), Mariana common	<i>Gallinula chloropus guami</i>	West Pacific Ocean: U.S.A. (Guam, Tinian, Saipan, Pagan).	do.....	E	156	NA	NA	NA
Nightjar (=whip-poor-will), Puerto Rican	<i>Caprimulgus noctitherus</i>	U.S.A. (PR)	do.....	E	6	NA	NA	NA
Nukup'u'u (honeycreeper)	<i>Hemignathus lucidus</i>	U.S.A. (HI)	do.....	E	1, 2	NA	NA	NA
'O'o, Kauai (= 'O 'A') (honeyeater)	<i>Moho braccatus</i>	do.....	E	E	E	NA	NA	NA

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Ostrich, Arabian.....	<i>Struthio camelus syriacus</i>	Jordan, Saudi Arabia	do.....	do.....	E	3	NA	NA
Ostrich, West African.....	<i>Struthio camelus spatzii</i>	Spanish Sahara	do.....	do.....	E	3	NA	NA
'O'u (honeycreeper).....	<i>Pithecnostra psittacea</i>	U.S.A. (HI)	do.....	do.....	E	1	NA	NA
Owl, Anjouan scops.....	<i>Otus nuttillus capnodes</i>	Indian Ocean: Comoro Island	do.....	do.....	E	3	NA	NA
Owl, giant scops.....	<i>Otus gurneyi</i>	Philippines: Marinduque and Mindanao Island.	do.....	do.....	E	15	NA	NA
Owl, Seychelles.....		Indian Ocean: Seychelles Islands	do.....	do.....	E	3	NA	NA
Owl, Morden's (= Sokoke).....	<i>Otus ireneae</i>	Kenya	do.....	do.....	E	3	NA	NA
Palila (honeycreeper).....	<i>Loxoides</i> (= <i>Pithecnostra</i>) <i>bailleui</i>	U.S.A. (HI)	do.....	do.....	E	1	17.95(b)	NA
Parakeet, Forbes'.....	<i>Cyanoramphus auriceps forbesi</i>	New Zealand	do.....	do.....	E	3, 15	NA	NA
Parakeet, golden.....	<i>Araatinga guarouba</i>	Brazil.....	do.....	do.....	E	4	NA	NA
Parakeet, golden-shouldered (= hooded).....	<i>Psephotus chrysoterygius</i>	Australia	do.....	do.....	E	3	NA	NA
Parakeet, Mauritius.....	<i>Pseitacula echo</i>	Indian Ocean: Mauritius	do.....	do.....	E	3	NA	NA
Parakeet, ochre-marked.....	<i>Pyrrhura cruentata</i>	Brazil.....	do.....	do.....	E	3	NA	NA
Parakeet, orange-bellied.....	<i>Neophema chrysogaster</i>	Australia	do.....	do.....	E	4	NA	NA
Parakeet, paradise (= beautiful).....	<i>Psephotus pulcherimus</i>	do.....	do.....	do.....	E	4	NA	NA
Parakeet, scarlet-chested (= splendid).....	<i>Neophema splendida</i>	do.....	do.....	do.....	E	4	NA	NA
Parakeet, turquoise.....	<i>Neophema pulchella</i>	do.....	do.....	do.....	E	3	NA	NA
Parrot, Australian.....	<i>Geopspittacus occidentalis</i>	West Indies: Cuba, Bahamas, Caymans	do.....	do.....	E	3	NA	NA
Parrot, Bahaman or Cuban.....	<i>Amazona leucocephala</i>	Australia	do.....	do.....	E	3, 15	NA	NA
Parrot, ground.....	<i>Pezoporus wallacii</i>	West Indies: Dominica	do.....	do.....	E	6	NA	NA
Parrot, imperial.....	<i>Amazona imperialis</i>	U.S.A. (PR)	do.....	do.....	E	3	NA	NA
Parrot, Puerto Rican.....	<i>Amazona vittata</i>	Brazil.....	do.....	do.....	E	1	NA	NA
Parrot, red-browed.....	<i>Pionopsitta pileata</i>	do.....	do.....	do.....	E	15	NA	NA
Parrot, red-capped.....	<i>Amazona arausiaca</i>	West Indies: Dominica	do.....	do.....	E	50	NA	NA
Parrot, red-necked.....	<i>Amazona pretrei pretrei</i>	Brazil, Argentina	do.....	do.....	E	15	NA	NA
Parrot, red-spectacled.....	<i>Amazona versicolor</i>	West Indies: St. Lucia	do.....	do.....	E	3	NA	NA
Parrot, St. Lucia.....	<i>Amazona guildingii</i>	West Indies: St. Vincent	do.....	do.....	E	3	NA	NA
Parrot, St. Vincent.....	<i>Rhynchositta pachyrhyncha</i>	Mexico, U.S.A. (AZ, NM)	do.....	do.....	E	3	NA	NA
Parrot, thick-billed.....	<i>Amazona vinacea</i>	Brazil	do.....	do.....	E	15	NA	NA
Parrot, vinaceous-breasted.....	<i>Pseudonestor xanthophrys</i>	U.S.A. (HI)	do.....	do.....	E	1	NA	NA
Parrotbill, Maui (honeycreeper).....	<i>Pelecanus occidentalis</i>	U.S.A. (Carolinas to TX, CA), West Indies, C. and S. America: Coastal.	do.....	do.....	E	2, 3, 171	Entire, except U.S. Atlantic coast, FL, AL.	NA
Pelican, brown.....		Entire.	do.....	do.....	E	3	NA	NA
Penguin, Galapagos.....	<i>Spheniscus mendiculus</i>	U.S.A. (HI)	do.....	do.....	E	2, 4, 1	NA	NA
Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	Burma, China	do.....	do.....	E	3	NA	NA
Pheasant, bar-tailed.....	<i>Syrmaticus humale</i>	Burma, China, India	do.....	do.....	E	3	NA	NA
Pheasant, Blyth's tragopan	<i>Tragopan blythii</i>	China	do.....	do.....	E	3	NA	NA
Pheasant, brown eared	<i>Crossoptilon mantchuricum</i>	do.....	do.....	do.....	E	3	NA	NA
Pheasant, Cabot's tragopan	<i>Tragopan caboti</i>	do.....	do.....	do.....	E	3	NA	NA
Pheasant, Chinese monal	<i>Lophophorus lhuysii</i>	Vietnam	do.....	do.....	E	3	NA	NA
Pheasant, Edward's	<i>Lophura edwardsi</i>	China	do.....	do.....	E	3	NA	NA
Pheasant, Elliot's	<i>Syrmaticus ellioti</i>	Vietnam	do.....	do.....	E	15	NA	NA
Pheasant, imperial	<i>Lophura imperialis</i>	Taiwan	do.....	do.....	E	3	NA	NA
Pheasant, Mikado	<i>Syrmaticus mikado</i>	Philippines	do.....	do.....	E	3	NA	NA
Pheasant, Palawan peacock	<i>Polyplectron emphanum</i>	Burma, China, India	do.....	do.....	E	3	NA	NA
Pheasant, Scialter's monal	<i>Lophophorus sclateri</i>	Taiwan	do.....	do.....	E	3	NA	NA
Pheasant, Swinhoe's	<i>Lophura swinhonis</i>	India, Pakistan	do.....	do.....	E	3	NA	NA
Pheasant, western tragopan	<i>Crossoptilon crossoptilon</i>	China (Tibet), India	do.....	do.....	E	4	NA	NA
Pigeon, Azores wood.....	<i>Columba palumbus azorica</i>	East Atlantic Ocean: Azores	do.....	do.....	E	3	NA	NA

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Pigeon, Chatham Island	<i>Hemiphaga novaeseelandiae chathamensis.</i>		New Zealand	do	E	3	NA	NA
Pigeon, Mindoro zone-tailed	<i>Ducula mindorensis</i>		Philippines	do	E	15	NA	NA
Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>		U.S.A. (PR)	do	E	2	NA	NA
Piping-guan, black-fronted	<i>Pipile jacutinga</i>		Argentina	do	E	15	NA	NA
Pitta, Koch's	<i>Pitta Kochi</i>		Philippines	do	E	15	NA	NA
Plover, New Zealand shore	<i>Thinornis novaeseelandiae</i>		New Zealand	do	E	3	NA	NA
Plover, piping	<i>Charadrius melanotos</i>		U.S.A. (Great Lakes, northern Great Plains, Atlantic and Gulf coasts, PR VI), Canada, Mexico, Bahamas, West Indies.	do	E	211	NA	NA
Do	do		Entire, except those areas where listed as endangered above.	do	T	211	NA	NA
P'o'ouli (honeycreeper)	<i>Melampsops phaeosoma</i>		U.S.A. (HI)	Entire	E	10	NA	NA
Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>		U.S.A. (TX)	do	E	1	NA	NA
Quail, Merriam's Montezuma	<i>Cyrtonyx montezumae merriami</i>		Mexico (Vera Cruz)	do	E	15	NA	NA
Quetzal, resplendent	<i>Pharomachrus mocinno</i>		Mexico to Panama	do	E	15	NA	NA
Rail, Aukland Island	<i>Rallus pectoralis muelleri</i>		New Zealand	do	E	3	NA	NA
Rail, California clapper	<i>Rallus longirostris obsoletus</i>		U.S.A. (CA)	do	E	2	NA	NA
Rail, Guam	<i>Rallus owstoni</i>		Western Pacific Ocean: U.S.A. (Guam)	do	E	146E, 156	NA	NA
Do	do		do	do	XN	371	NA	17.84(f)
Rail, light-footed clapper	<i>Rallus longirostris levipes</i>		U.S.A. (CA), Mexico (Baja California)	Rot.	E	2	NA	NA
Rail, Lord Howe wood	<i>Tricholimnas sylvestris</i>		Australia (Lord Howe Island)	U.S.A. only	E	15	NA	NA
Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>		Mexico, U.S.A. (AZ, CA)	Entire	E	1	NA	NA
Rhea, Darwin's	<i>Pterocnemia pennata</i>		Argentina, Bolivia, Peru, Uruguay	U.S.A. only	E	3	NA	NA
Robin, Chatham Island	<i>Petroica traversi</i>		New Zealand	Entire	E	3	NA	NA
Robin, scarlet-breasted (flycatcher)	<i>Petroica multicolor multicolor</i>		Australia (Norfolk Island)	do	E	3	NA	NA
Rockfowl, grey-necked	<i>Picathartes oreas</i>		Cameroon, Gabon, Africa: Togo to Sierra Leone	do	E	3	NA	NA
Rockfowl, white-necked	<i>Picathartes gymnocephalus</i>		Malagasy Republic (= Madagascar)	do	E	3	NA	NA
Roller, long-tailed ground	<i>Uratelornis chimaera</i>		Australia	do	E	3	NA	NA
Scrub-bird, noisy	<i>Atrichornis clamosus</i>		Philippines	do	E	3	NA	NA
Shama, Cebu black (thrush)	<i>Copsychus niger cebuensis</i>		U.S.A. (HI)	do	E	3	NA	NA
Shearwater, Newell's Townsend's (formerly Manx) (= 'A'o)	<i>Puffinus auricularis</i> (formerly <i>P. newelli</i>)		U.S.A. (CA), South America	do	E	10	NA	NA
Shrike, San Clemente loggerhead	<i>Lanius ludovicianus memarsi</i>		U.S.A. (FL)	do	E	15	NA	NA
Siskin, red	<i>Carduelis</i> (= <i>Spinus</i>) <i>cucullata</i>		Ammodramus (= <i>Ammospiza</i>) <i>manilatus mirabilis</i>	do	E	1	17.95(b)	NA
Sparrow, Cape Sable seaside	<i>Ammodramus</i> (= <i>Ammospiza</i>) <i>manilatus nigrescens</i>		Ammodramus <i>savannarum floridanus</i>	do	E	1	17.95(b)	NA
Sparrow, dusky seaside	<i>Ammodramus</i> (= <i>Ammospiza</i>) <i>manilatus</i>		Amphispiza <i>belli clementae</i>	do	E	239	NA	NA
Sparrow, Florida grasshopper	<i>Amphispiza</i>		Apeltes <i>pelzelni</i>	do	E	26	NA	NA
Sparrow, San Clemente sage	<i>Apeltes</i>		Leucophaea rothschildii	do	E	3	NA	NA
Starling, Rothschild's (myna)	<i>Leucophaea rothschildii</i>							

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Stilt, Hawaiian (=A'e'o)	<i>Himantopus mexicanus</i> (= <i>himantopus</i>) <i>knudseni</i> .	U.S.A. (Hawaii)	do.....	E	2	NA	NA	NA
Stork, oriental white.....	<i>Ciconia ciconia boyaciana</i>	China, Japan, Korea, U.S.S.R.	do.....	E	3	NA	NA	NA
Stork, wood.....	<i>Mycteria americana</i>	U.S.A., (CA, AZ, TX, to Carolinas), Mexico, Central and South America.	U.S.A. (AL, FL, GA, NC, SC). Entire.....	E	142	NA	NA	NA
Swiftlet, Mariana gray (=Vanikoro)	<i>Aerodramus</i> (= <i>Collocalia</i>) <i>vanikorensis barisci</i> .	Western Pacific Ocean: U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan). New Zealand (Campbell Island)	do.....	E	156	NA	NA	NA
Teal, Campbell Island flightless	<i>Anas aucklandica nesiotis</i>	U.S.A. (Atlantic and Gulf coasts, Miss. R. Basin, CA). Gr. and Lesser Antilles, Bahamas, Mexico; winters C. America, northern S. America.	U.S.A. (AR, CO, IA, IL, IN, KS, KY, LA (Miss. R. and trib. N of Baton Rouge), MS (Miss. R.), MO, MT, NE, NM, ND, OK, SD, TN, TX (Except within 50 miles of coast)].	E	15	NA	NA	NA
Tern, California least.....	<i>Sterna antillarum</i>	Mexico, U.S.A. (CA)	U.S.A. (Atlantic and Gulf coasts, Miss. R. Basin, CA). Gr. and Lesser Antilles, Bahamas, Mexico; winters C. America, northern S. America.	E	2,3	NA	NA	NA
Tern, least.....	<i>Sterna antillarum</i>	do.....	Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered.	E	296	NA	NA	NA
Tern, roseate	<i>Sterna dougallii</i> "dougalii"	do.....	Entire.....	E	3	NA	NA	NA
Thrush, white-breasted	<i>Ramphocinclus brachyurus</i>	West Indies: St. Lucia, Martinique	do.....	E	2	NA	NA	NA
Thrush, large Kauai.....	<i>Myadestes</i> (= <i>Phaeornis</i>) <i>myadestinus</i>	U.S.A. (HI)	do.....	E	2	NA	NA	NA
Thrush, Molokai (= oloma'o)	<i>Myadestes</i> (= <i>Phaeornis</i>) <i>laniensis</i> (= <i>obscurus</i>) <i>rutha</i> .	do.....	do.....	E	1	NA	NA	NA
Thrush, New Zealand (wattlebird)	<i>Turnagra capensis</i>	New Zealand	do.....	E	15	NA	NA	NA
Thrush, small Kauai (= puiaiohi)	<i>Myadestes</i> (= <i>Phaeornis</i>) <i>palmeri</i>	U.S.A. (HI)	do.....	E	17.95(b)	NA	NA	NA
Tiramou, solitary.....	<i>Tinamus solitarius</i>	Brazil, Paraguay, Argentina.....	do.....	E	3	NA	NA	NA
Towhee, Inyo California (=brown)	<i>Pipilo crissalis</i> (= <i>fuscus</i>) <i>eremophilus</i>	West Indies: Martinique	do.....	E	3	NA	NA	NA
Trembler, Martinique (thrasher)	<i>Cinclocerthia ruficauda gutturalis</i>	U.S.A. (KS, LA, NE, OK, TX), Mexico.	do.....	E	294	NA	NA	NA
Vireo, black-capped	<i>Vireo atricapillus</i>	U.S.A. (CA), Mexico	do.....	E	228	NA	NA	NA
Vireo, least Bell's.....	<i>Vireo bellii pusillus</i>	Australia	do.....	E	6	NA	NA	NA
Wanderer, plain (collared-hemipode).....	<i>Pedionomus torquatus</i>	U.S.A. (Southeastern), Cuba	do.....	E	1,3	NA	NA	NA
Warbler (wood), Bachman's.....	<i>Vermivora bachmani</i>	West Indies: Barbados	do.....	E	3	NA	NA	NA
Warbler (wood), Barbados yellow.....	<i>Dendroica petechia petechia</i>	U.S.A. (principally MI), Canada, West Indies: Bahama Islands.	do.....	E	1,3	NA	NA	NA
Warbler (wood), Kirtland's.....	<i>Dendroica kirtlandii</i>	Western Pacific Ocean	do.....	E	3,4	NA	NA	NA
Warbler (old world), nightingale reed.....	<i>Acrocephalus luscina</i>	U.S.A. (Mariana Islands).	Entire	E	3	NA	NA	NA
Warbler (old world), Rodriques	<i>Bebrornis rodericanus</i>	Mauritius (Rodrigues Islands)	Entire	E	3	NA	NA	NA

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	156	NA	NA
					E	15	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	1, 3	NA	NA
					E	2	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					T(S/A)	1, 11, 20, 47, 51, 60, 113, 134, 186, 269	NA	17.42(a)
					E	15	NA	NA
					E	25	17.95(c)	NA
					E	3	NA	NA
					T	33	17.95(c)	NA
					E	2	NA	NA
					E	88	NA	NA
					E	88	NA	NA
					E	2, 86	NA	NA
					E	15	NA	NA
					E	15	NA	NA
					E	15	NA	NA
					E	5	NA	NA
					E	10, 87	17.95(c)	NA
					E	15	NA	NA
					E	15	NA	NA
					E	3	NA	NA
					E	3	NA	NA
					E	15	NA	NA
					E	3, 334	NA	NA
					T	3, 334	NA	17.42(c)
					E	3	NA	NA
					E	15	NA	NA

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Crocodile, saltwater (= estuarine).....		<i>Crocodylus porosus</i>	Southeast Asia, Australia, Papua-New Guinea, Pacific Islands.	Entire, except Papua-New Guinea.	E	87	NA	NA
Crocodile, Siamese.....		<i>Crocodylus siamensis</i>	Southeast Asia, Malay Peninsula.....	Entire.....	E	15	NA	NA
Gavial (= gharial).....		<i>Gavialis gangeticus</i>	Pakistan, Burma, Bangladesh, India, Nepal.	Entire.....	E	3, 15	NA	NA
Gecko, day.....		<i>Phelsuma edwardnewtoni</i>	Indian Ocean: Mauritius U.S.A. (PR).....	do.....	E	3	NA	NA
Gecko, Monito.....		<i>Sphaeroactylus micropithecus</i>	Indian Ocean: Mauritius.....	do.....	E	125	17.95(c)	NA
Gecko, Round Island day.....		<i>Phelsuma guentheri</i>	do.....	do.....	E	3	NA	NA
Gecko, Serpent Island.....		<i>Cyrtodactylus serpensinsula</i>	West Indies: Bahamas.....	do.....	T	129	NA	NA
Iguana, Acklins ground.....		<i>Cyclura nileyi nuchalis</i>	do.....	do.....	T	129	NA	NA
Iguana, Allen's Cay.....		<i>Cyclura cychlura cychlura</i>	do.....	do.....	T	129	NA	NA
Iguana, Andros Island ground.....		<i>Cyclura pinguis</i>	do.....	do.....	T	129	NA	NA
Iguana, Anegada ground.....		<i>Conolophus pallidus</i>	West Indies: British Virgin Islands (Anegada Island), Ecuador (Galapagos Islands).....	do.....	E	3	NA	NA
Iguana, Barrington land.....		<i>Cyclura nubila caymanensis</i>	West Indies: Cayman Islands.....	do.....	E	3	NA	NA
Iguana, Cayman Brac ground.....		<i>Cyclura nubila nubila</i>	Cuba	Entire (excluding population introduced in Puerto Rico).	T	129	NA	NA
Iguana, Cuban ground.....				Entire.....	T	129	NA	NA
Iguana, Exuma Island.....		<i>Cyclura cychlura figginsi</i>	West Indies: Bahamas.....	do.....	E	88	NA	NA
Iguana, Fiji banded.....		<i>Brachylophus fasciatus</i>	Pacific: Fiji, Tonga.....	do.....	E	88	NA	NA
Iguana, Fiji crested.....		<i>Brachylophus vitiensis</i>	Pacific: Fiji.....	do.....	E	129	NA	NA
Iguana, Grand Cayman ground.....		<i>Cyclura nubila lewisi</i>	West Indies: Cayman Islands.....	do.....	E	129	NA	NA
Iguana, Jamaican.....		<i>Cyclura collei</i>	West Indies: Jamaica.....	do.....	E	129	NA	NA
Iguana, Mayaguana.....		<i>Cyclura carinata bartschi</i>	West Indies: Bahamas.....	do.....	T	129	NA	NA
Iguana, Mona ground.....		<i>Cyclura stejnegeri</i>	U.S.A. (PR: Mona Island)	do.....	T	33	17.95(c)	NA
Iguana, Turks and Caicos.....		<i>Cyclura carinata carinata</i>	West Indies: Turks and Caicos Islands	do.....	T	129	NA	NA
Iguana, Watling Island ground.....		<i>Cyclura nileyi rileyi</i>	West Indies: Bahamas.....	do.....	E	129	NA	NA
Iguana, White Cay ground.....		<i>Cyclura nileyi cristata</i>	do.....	do.....	T	129	NA	NA
Lizard, blunt-nosed leopard.....		<i>Gambelia</i> (= <i>Crotaphytus</i>) <i>silus</i>	U.S.A. (CA)	do.....	E	1	17.95(c)	NA
Lizard, Coachella Valley fringe-toed.....		<i>Uma inornata</i>	Spain (Canary Islands)	do.....	E	105	17.95(c)	NA
Lizard, Hierro giant.....		<i>Galloita simonyi simonyi</i>	Spain (Balearic Islands)	do.....	E	144	NA	NA
Lizard, Ibiza wall.....		<i>Podarcis pityusensis</i>	U.S.A. (CA)	do.....	T	144	NA	NA
Lizard, Island night.....		<i>Xantusia</i> (= <i>Klauberina</i>) <i>riversiana</i>	U.S.A. (VI)	do.....	T	26	NA	NA
Lizard, St. Croix ground.....		<i>Ameiva polops</i>	Iran, Iraq, India, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand.	do.....	E	24	17.95(c)	NA
Monitor, Bengal.....		<i>Varanus bengalensis</i>	North Africa to Nearest, Caspian Sea through U.S.S.R. to Pakistan, Northwest India.	do.....	E	15	NA	NA
Monitor, desert		<i>Varanus griseus</i>	Indonesia (Komodo, Rintja, Padar, and western Flores Island), West Pakistan through India to Bangladesh.	do.....	E	15	NA	NA
Monitor, Komodo Island		<i>Varanus komodoensis</i>	Sri Lanka and India	do.....	E	15	NA	NA
Monitor, yellow		<i>Varanus flavescens</i>	Aruba Island (Netherlands Antilles)	do.....	E	15	NA	NA
Python, Indian.....		<i>Python molurus molurus</i>	U.S.A. (NM), Mexico	do.....	T	129	NA	NA
Rattlesnake, Aruba Island.....		<i>Crotalus unicolor</i>	U.S.A. (FL)	do.....	T	43	17.95(c)	NA
Rattlesnake, New Mexican ridge-nosed.....		<i>Crotalus willardi obscurus</i>	U.S.A. (FL)	do.....	T	299	NA	17.42(d)
Skink, blue-tailed mole.....		<i>Eumeles eugregius lividus</i>	Indian Ocean: Mauritius	do.....	T	129	NA	NA
Skink, Round Island.....		<i>Leiolopisma telfairi</i>	U.S.A. (FL)	do.....	T	299	NA	17.42(d)
Skink, sand		<i>Neoseps reynoldsi</i>						

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Snake, Atlantic salt marsh		<i>Nerodia fasciata taeniata</i>	do	do	T	30 241	NA NA	NA
Snake, Concho water		<i>Nerodia harteri paucimaculata</i>	U.S.A. (TX)	do	T	32	NA	NA
Snake, eastern indigo		<i>Drymarchon corais couperi</i>	U.S.A. (AL, FL, GA, MS, SC)	do	E	1	NA	NA
Snake, San Francisco garter		<i>Thamnophis sirtalis tetrataenia</i>	U.S.A. (CA)	do	E	3	NA	NA
Tartaruga		<i>Podocnemis expansa</i>	South America: Orinoco and Amazon River basins.	do	E	3	NA	NA
Terrapin, river (= Tuntong)		<i>Batagur baska</i>	Malaysia, Bangladesh, Burma, India, Indonesia, Malaysia, Indonesia	do	E	3	NA	NA
		<i>Tomistoma schlegelii</i>	Malagasy Republic (= Madagascar)	do	E	15	NA	NA
		<i>Gochelone yspinora</i>	Mexico	do	E	46	NA	NA
		<i>Gopherus flavomarginatus</i>	U.S.A. (AZ, CA, NV, UT), Mexico	Entire, except AZ south and east of Colorado River and Mexico.	T	103, 357E, 378	17.95(c)	NA
		<i>Gopherus</i> (= <i>Xerobates</i> , = <i>Scaptochelys</i>) <i>agassizii</i> .	U.S.A. (AZ, south and east of Colorado River) and Mexico when found outside of AZ, south and east of Colorado River, and Mexico.	U.S.A. (AZ, south and east of Colorado River) and Mexico when found outside of AZ, south and east of Colorado River, and Mexico.	T(S/A)	357E, 378	NA	17.42(e)
Tortoise, Galapagos		<i>Geochelone elephantopus</i>	Ecuador (Galapagos Islands)	Entire	E	281	NA	NA
Tortoise, gopher		<i>Gopherus polyphemus</i>	U.S.A. (AL, FL, GA, LA, MS, SC)	Wherever found west of Mobile and Tombigbee Rivers in AL, MS, and LA.	T	3	NA	NA
Tortoise, radiated		<i>Geochelone</i> (= <i>Testudo</i>) <i>radiata</i>	Malagasy Republic (= Madagascar)	Entire	E	3	NA	NA
Tracala		<i>Podocnemis unifilis</i>	South America: Orinoco and Amazon River basins.	do	E	3	NA	NA
Tutara		<i>Sphenodon punctatus</i>	New Zealand	do	E	3	NA	NA
		<i>Pseudemys alabamensis</i>	U.S.A. (AL)	do	E	278	NA	NA
		<i>Terrapene coahuila</i>	Mexico	do	E	6	NA	NA
		<i>Trionyx nigricans</i>	Bangladesh	do	E	15	NA	NA
		<i>Morenia ocellata</i>	Burma	do	E	15	NA	NA
		<i>Dermatemys mawii</i>	Mexico, Belize, Guatemala	do	E	129	NA	NA
		<i>Trionyx ater</i>	Mexico	do	E	15	NA	NA
		<i>Sternotherus depressus</i>	U.S.A. (AL)	Black Warrior River system upstream from Bankhead Dam.	T	272	NA	NA
Turtle, geometric		<i>Psammobates geometricus</i> (= <i>Geochelone geometrica</i>)	South Africa	Entire	E	15	NA	NA
Turtle, green sea		<i>Chelonia mydas</i> (incl. <i>agassizii</i>)	Circumglobal in tropical and temperate seas and oceans.	Wherever found except where listed as endangered below.	T	2, 42	NA	17.42(b) and Parts 220 and 227.

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Do.....	do.....	do.....	Tropical seas.....	Breeding colony populations in FL and on Pacific coast of Mexico.	E	2, 42	NA	222.41
Turtle, hawksbill sea (=carey).....	<i>Eretmochelys imbricata</i>	do.....	India.....	Entire.....	E	3	17.95(c)	222.41
Turtle, Indian sawback.....	<i>Kachuga tecta tecta</i>	do.....	Pakistan, India.....	do.....	E	15	NA	NA
Turtle, Indian softshell.....	<i>Trionyx gangeticus</i>	do.....	Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico.	do.....	E	15	NA	NA
Turtle, Kemp's (=Atlantic) ridley sea.....	<i>Lepidochelys kempii</i>	do.....	Tropical, temperate, and subpolar seas.....	do.....	E	4	NA	222.41
Turtle, leatherback sea.....	<i>Dermochelys coriacea</i>	do.....	Circumglobal in tropical and temperate seas and oceans.	do.....	E	3	17.95(c), 226.71	222.41
Turtle, loggerhead sea.....	<i>Caretta caretta</i>	do.....	Tropical and temperate seas in Pacific Basin.	Wherever found except where listed as endangered below.	T	42	NA	17.42(b) and Parts 220 and 227.
Turtle, olive (Pacific) ridley sea	<i>Lepidochelys olivacea</i>	do.....	do.....	Breeding colony populations on Pacific coast of Mexico.	E	42	NA	17.42(b) and Parts 220 and 227.
Do.....	do.....	do.....	India, Bangladesh.....	Entire.....	E	15	NA	NA
Turtle, peacock softshell.....	<i>Trionyx hurum</i>	do.....	U.S.A. (MA).....	do.....	E	90	17.95(c)	NA
Turtle, Plymouth red-bellied.....	<i>Pseudemys (=Chrysemys) rubriventris bangsi</i>	do.....	U.S.A. (LA, MS).....	do.....	T	250	NA	NA
Turtle, ringed sawback.....	<i>Graptemys oculifera</i>	do.....	Australia.....	do.....	E	3	NA	NA
Turtle, short-necked or western swamp.....	<i>Pseudemysdura umbrina</i>	do.....	North India, Pakistan.....	do.....	E	15	NA	NA
Turtle, spotted pond.....	<i>Geoclemys (=Damonia) hamiltonii</i>	do.....	Central India to Bangladesh and Burma	do.....	E	15	NA	NA
Turtle, three-keeled Asian.....	<i>Melanochelys (=Geoemyda, =Nicator) tricarinata</i>	do.....	Iran.....	do.....	E	129	NA	NA
Viper, Lar Valley	<i>Vipera latifii</i>	do.....	AMPHIBIANS	U.S.A. (PR).....	do.....	T	29	17.95(d)
Coqui, golden.....	<i>Eleutherodactylus jasperi</i>	do.....	Israel.....	do.....	E	3	NA	NA
Frog, Israel painted.....	<i>Discoglossus nigriventer</i>	do.....	Panama.....	do.....	E	15	NA	NA
Frog, Panamanian golden.....	<i>Aletopus varius zeteki</i>	do.....	New Zealand.....	do.....	E	3	NA	NA
Frog, Stephen Island	<i>Leiopelma hamiltoni</i>	do.....	U.S.A. (WV).....	do.....	T	15	NA	NA
Salamander, Cheat Mountain.....	<i>Plethodon nettingi</i>	do.....	Western China.....	do.....	E	6	NA	NA
Salamander, Chinese giant.....	<i>Andrias davidianus</i>	do.....	U.S.A. (CA).....	do.....	E	15	NA	NA
Salamander, desert slender.....	<i>Barrocalpus aridus</i>	do.....	Japan.....	do.....	T	19	NA	NA
Salamander, Japanese giant.....	<i>Andrias davidianus japonicus</i>	do.....	U.S.A. (AL).....	do.....	T	98	17.95(d)	17.43(a)
Salamander, Red Hills.....	<i>Phaeognathus hubrichti</i>	do.....	U.S.A. (TX).....	do.....	E	1	NA	NA
Salamander, San Marcos.....	<i>Eurycea nana</i>	do.....	U.S.A. (CA).....	do.....	E	358	NA	NA
Salamander, Santa Cruz long-toed.....	<i>Ambystoma macrodactylum croceum</i>	do.....	U.S.A. (VA).....	do.....	E	1	NA	NA
Salamander, Shenandoah.....	<i>Plethodon shenandoah</i>	do.....	U.S.A. (TX).....	do.....	E	358	NA	NA
Salamander, Texas blind.....	<i>Typhlomolge rathbuni</i>	do.....	Tanzania, Guinea, Ivory Coast, Cameroun, Liberia, Ethiopia.	do.....	E	1	NA	NA
Toad, African viviparous.....	<i>Nectophrynoides</i> spp.....	do.....	Equatorial Africa	do.....	E	15	NA	NA
Toad, Cameroon	<i>Bufo superciliaris</i>	do.....	U.S.A. (TX)	do.....	E	2	17.95(d)	NA
Toad, Houston.....	<i>Bufo houstonensis</i>	do.....						

Species	Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	Critical habitat	When listed	Special rules
Toad, Monte Verde.....	<i>Bufo periglenes</i>	Costa Rica	E	do.....	E	15	NA	NA
Toad, Puerto Rican crested.....	<i>Peltophryne lemur</i>	U.S.A. (PR), British Virgin Islands	T	do.....	E	283	NA	NA
Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	U.S.A. (WY)	E	do.....	E	138	NA	NA
FISHES								
Ala Balik (trout)	<i>Salmo platycephalus</i>	Turkey	E	do.....	E	3	NA	NA
Ayumodoki (loach)	<i>Hyumenophrysa (= Botia) curta</i>	Japan	E	do.....	E	3	NA	NA
Blindcat, Mexican (catfish)	<i>Ptychelus phreatophilus</i>	Mexico	E	do.....	E	3	NA	NA
Bonytongue, Asian.....	<i>Scleropages formosus</i>	Thailand, Indonesia, Malaysia	E	do.....	E	15	NA	NA
Catfish [no common name]	<i>Pangasianodon gigas</i>	Thailand	E	do.....	E	3	NA	NA
Catfish, giant.....	<i>Ictalurus pricei</i>	do.....	E	do.....	E	3	NA	NA
Catfish, Yaqui	<i>Speoptyrinhus pouloseni</i>	U.S.A. (AZ), Mexico	T	do.....	T	157	17.95(e)	17.44(g)
Cavefish, Alabama.....	<i>Glanis rosae</i>	U.S.A. (AL)	E	do.....	T	28	328	17.95(e)
Cavefish, Ozark	<i>Glanis elegans</i>	U.S.A. (AR, MO, OK)	E	do.....	T	164	NA	NA
Chub, bonytail	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY)	E	do.....	E	92	NA	NA
Chub, Bonax Lake	<i>Gila boraxobius</i>	U.S.A. (OR)	E	do.....	E	124	17.95(e)	NA
Chub, Chinahua.....	<i>Gila nigrescens</i>	U.S.A. (NM), Mexico (Chihuahua)	E	do.....	E	132	NA	17.44(g)
Chub, humpback	<i>Gila cypha</i>	U.S.A. (AZ, CO, UT, WY)	E	do.....	E	1	NA	NA
Chub, Hutton tui	<i>Gila bicolor</i> ssp.	U.S.A. (OR)	E	do.....	T	174	NA	17.44(i)
Chub, Mohave tui	<i>Gila bicolor mojavensis</i>	U.S.A. (CA)	E	do.....	E	2	NA	NA
Chub, Owens tui.....	<i>Gila bicolor synderi</i>	do.....	E	do.....	E	195	17.95(e)	NA
Chub, Pahranagat roundtail (= bonnytail)	<i>Gila robusta jordani</i>	U.S.A. (NV)	E	do.....	E	2	NA	NA
Chub, slender	<i>Hybopsis cahni</i>	U.S.A. (TN, VA)	E	do.....	T	28	17.95(e)	17.44(C)
Chub, Sonora.....	<i>Gila ditaenia</i>	U.S.A. (AZ), Mexico	E	do.....	T	227	17.95(e)	17.44(O)
Chub, spottin'.....	<i>Cyprinella (= Hypopsis) monacha</i>	U.S.A. (AL, GA, NC, TN, VA)	E	do.....	E	28	17.95(e)	17.44(C)
Chub, Virgin River	<i>Gila robusta semimaculata</i>	U.S.A. (AZ, NV, UT)	E	do.....	E	361	NA	NA
Chub, Yaqui	<i>Gila purpurea</i>	U.S.A. (AZ), Mexico	E	do.....	E	157	17.95(e)	NA
Cicek (minnow)	<i>Acanthorhutilus handlirschi</i>	Turkey	E	do.....	E	3	NA	NA
Cui-Ui	<i>Chasmistes cujus</i>	U.S.A. (NV)	E	do.....	E	1	NA	NA
Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	do.....	E	do.....	E	117E, 127E,	17.95(e)	NA
Dace, blackside	<i>Phoxinus cumberlandensis</i>	do.....	E	do.....	T	130	NA	NA
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	U.S.A. (TN, KY)	E	do.....	E	273	NA	NA
Dace, desert	<i>Eremichthys acros</i>	U.S.A. (NV)	E	do.....	T	370	210	17.95(e)
Dace, Foskett speckled	<i>Rhinichthys osculus</i> ssp.	U.S.A. (OR)	E	do.....	T	174	NA	17.44(m)
Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	U.S.A. (NV)	E	do.....	E	370, 372	NA	NA
Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	U.S.A. (WY)	E	do.....	E	2	NA	NA
Dace, Moapa	<i>Moapa coriacea</i>	U.S.A. (NV)	E	do.....	E	1	NA	NA
Darter, amber	<i>Percina antembla</i>	U.S.A. (GA, TN)	E	do.....	E	196	17.95(e)	17.44(b)
Darter, bayou	<i>Etheostoma rubrum</i>	U.S.A. (MS)	E	do.....	T	10	NA	17.44(K)
Darter, boulder (= Elk River)	<i>Etheostoma wapiti</i>	U.S.A. (TN, AL)	E	do.....	E	322	NA	NA
Darter, fountain	<i>Etheostoma fonticola</i>	U.S.A. (TX)	E	do.....	E	2	17.95(e)	NA
Darter, leopard	<i>Percina pantherina</i>	U.S.A. (AR, OK)	E	do.....	T	31	17.95(e)	17.44(d)
Darter, Maryland	<i>Etheostoma sellare</i>	U.S.A. (MD)	E	do.....	E	1	17.95(e)	NA
Darter, Niangua	<i>Etheostoma nianguae</i>	U.S.A. (FL)	E	do.....	T	185	17.95(e)	17.44(K)
Darter, Okaloosa	<i>Etheostoma okaloosae</i>	U.S.A. (AL, TN)	E	do.....	E	6	NA	NA
Darter, slackwater	<i>Etheostoma boschungi</i>	U.S.A. (AL, GA, TN)	E	do.....	T	28	17.95(e)	17.44(C)
Darter, snail	<i>Percina tanasi</i>	do.....	E	do.....	T	12, 150	NA	NA
Darter, watercress	<i>Etheostoma nuchale</i>	U.S.A. (AL)	E	do.....	E	2	NA	NA
Gambusia, Big Bend	<i>Gambusia gaigei</i>	U.S.A. (TX)	E	do.....	E	1	NA	NA
Gambusia, Clear Creek	<i>Gambusia heterochir</i>	do.....	E	do.....	E	2	NA	NA
Gambusia, Pecos	<i>Gambusia nobilis</i>	U.S.A. (NM, TX)	E	do.....	E	2	NA	NA

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Gambusia, San Marcos.....	Gambusia georgei.....	U.S.A. (TX).....	do.....	E	98	17.95(e)	NA	NA
Killifish, Pahrump.....	Emperichthys latos.....	U.S.A. (NV).....	do.....	E	1	NA	NA	NA
Logperch, Conasauga	Percina jenkinsi	U.S.A. (GA, TN).....	do.....	E	196	17.95(e)	NA	NA
Madtom, Roanoke	Percina rex	U.S.A. (VA).....	do.....	E	359	NA	NA	NA
Madtom, Scioto	Noturus trautmani	U.S.A. (OH).....	do.....	E	10	NA	NA	NA
Madtom, Smoky	Noturus baileyi	U.S.A. (TN).....	do.....	E	163	17.95(e)	NA	NA
Madtom, yellowfin	Noturus flavipinnis	U.S.A. (TN, VA).....	Entire, except where listed as an experimental population below.	T	28, 317	17.95(e)	17.44(c)	
Do.....	do.....	N. Fork Holston R., VA, TN; S. Fork Holston R., upstream to Ft. Patrick Henry Dam, TN; Holston R., downstream to John Sevier Detention Lake Dam, TN; and all tributaries thereto.	Entire.....	XN	317	NA	17.84(e)	
Minnow, loach.....	Tiaroga cobitis	U.S.A. (AZ, NM), Mexico.....		T	247	NA	17.44(q)	
Nekogigi (catfish)	Coreobagrus ichikawai	Japan.....		E	3	NA	NA	
Pupfish, Ash Meadows Amaigosa	Cyprinodon nevadensis mionectes	U.S.A. (NV).....		E	117E, 127E, 130	17.95(e)	NA	
Pupfish, Comanche Springs.....	Cyprinodon elegans	U.S.A. (TX).....	do.....	E	1	NA	NA	
Pupfish, desert.....	Cyprinodon macularius	U.S.A. (AZ, CA) Mexico	do.....	E	222	17.95(e)	NA	
Pupfish, Devils Hole.....	Cyprinodon diabolis	U.S.A. (NV).....	do.....	E	1	NA	NA	
Pupfish, Leon Springs.....	Cyprinodon bovinus	U.S.A. (TX).....	do.....	E	102	17.95(e)	NA	
Pupfish, Owens.....	Cyprinodon radiosus	U.S.A. (CA).....	do.....	E	1	NA	NA	
Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	U.S.A. (NV), Pacific Ocean	do.....	E	2	NA	NA	
Salmon, chinook	Oncorhynchus tshawytscha	U.S.A. (CA): Sacramento R. (winter run),	U.S.A. (CA): Sacramento R. (winter run),	T	383E	226.21	227.21	
Sculpin, pygmy	Cottus pygmaeus	U.S.A. (AL)	Entire.....	T	365	NA	17.44(u)	
Shiner, beautiful	Cyprinella (= Notropis) formosa (= formosa),	U.S.A. (AZ, NM), Mexico	do.....	T	157	17.95(e)	17.44(g)	
Shiner, Cape Fear	Notropis mekistocholas	U.S.A. (NC)	do.....	E	290	17.95(e)	NA	
Shiner, Pecos bluntnose	Notropis simus pecosensis	U.S.A. (NM)	do.....	T	258	17.95(e)	17.44(l)	
Silverside, Waccamaw	Menidia extensa	U.S.A. (NC)	do.....	T	265	17.95(e)	17.44(s)	
Spikedace	Meda fulgida	U.S.A. (NM)	do.....	T	236	NA	17.44(p)	
Spinedace, Big Spring	Lepidomeda mollispinis pratensis	U.S.A. (NV)	do.....	T	173	17.95(e)	17.44(l)	
Spinedace, Little Colorado	Lepidomeda vittata	U.S.A. (AZ)	do.....	T	287	17.95(e)	17.44(l)	
Spinedace, White River	Lepidomeda albivallis	U.S.A. (NV)	do.....	E	203	17.95(e)	NA	
Springfish, Hiko White River	Crenichthys baileyi grandis	do.....	do.....	E	206	17.95(e)	NA	
Springfish, Railroad Valley	Crenichthys nevadensis	do.....	do.....	T	224	17.95(e)	17.44(n)	
Springfish, White River	Crenichthys baileyi baileyi	do.....	do.....	E	206	17.95(e)	NA	

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Squawfish, Colorado.....	<i>Ptychocheilus lucius</i>	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico.	Entire, except Salt and Verde R. drainages, AZ.	E 1,193	NA	NA	NA	17.84(b)
Do.....	<i>Gasterosteus aculeatus williamsoni</i>	do.....	do.....	XN	193	NA	NA	NA
Sickleback, unarmored threespine.....	<i>Aciptenser brevirostrum</i>	U.S.A. (CA).....	Entire.....	E 2	NA	NA	NA	NA
Surgeon, shorthnose.....	<i>Chasmistes liorus</i>	U.S.A. and Canada (Atlantic Coast).....	do.....	E 1	NA	NA	NA	NA
Sucker, June.....	<i>Deltistes luxatus</i>	U.S.A. (UT).....	do.....	E 223	17.95(e)	NA	NA	NA
Sucker, Lost River.....	<i>Catostomus micros</i>	U.S.A. (OR, CA).....	do.....	E 313	NA	NA	NA	NA
Sucker, Modoc.....	<i>Chasmistes brevirostris</i>	U.S.A. (CA).....	do.....	E 184	17.95(e)	NA	NA	NA
Sucker, short-nose.....	<i>Catostomus warmerensis</i>	U.S.A. (OR, CA).....	do.....	E 313	NA	NA	NA	NA
Sucker, Warner.....	<i>Tanakia tanago</i>	U.S.A. (OR).....	do.....	E 205	17.95(e)	NA	NA	17.44(i)
Tango, Miyako (Tokyo bitterling).....	<i>Probarbus jullieni</i>	Japan.....	do.....	E 3	17.44(i)	NA	NA	NA
Temolek, Ikan (minnow).....		Thailand, Cambodia, Vietnam, Malaysia, Laos.	do.....	E 15	NA	NA	NA	NA
Topminnow, Gila (incl. Yaqui).....	<i>Poeciliopsis occidentalis</i>	U.S.A. (AZ, NM), Mexico	U.S.A. only.....	E 1	NA	NA	NA	NA
Tohoaba (seatrout or weakfish).....	<i>Cynoscion macdonaldi</i>	Mexico (Gulf of California).....	Entire.....	E 45	NA	NA	NA	NA
Trout, Apache (=Arizona).....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>apache</i>	U.S.A. (AZ).....	do.....	T 1,8	NA	NA	NA	17.44(a)
Trout, Gila.....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>gilae</i>	U.S.A. (AZ, NM).....	do.....	E 1	NA	NA	NA	NA
Trout, greenback cutthroat.....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarkii</i>	U.S.A. (CO).....	do.....	T 1,38	NA	NA	NA	17.44(f)
Trout, Lahontan cutthroat.....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarkii</i>	U.S.A. (CA, NV, OR).....	do.....	T 2,8	NA	NA	NA	17.44(a)
Trout, Little Kern golden.....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>aguabonita</i>	U.S.A. (CA).....	do.....	T 37	17.95(e)	NA	NA	17.44(e)
Trout, Paiute cutthroat.....	<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarkii selenitis</i>	do.....	do.....	T 1,8	NA	NA	NA	17.44(a)
Woundfin.....	<i>Plagopterus argenteus</i>	U.S.A. (AZ, NV, UT).....	Entire, except Gila R., drainage, AZ, NM.	E 2,193	NA	NA	NA	NA
Do.....		do.....	do.....	XN	193	NA	NA	17.84(b)
SNAILS								
Shagreen, Magazine Mountain.....	<i>Mesodon magazinensis</i>	U.S.A. (AR).....	NA	T	348	NA	NA	NA
Snail, Chittenden oval amber.....	<i>Succinea chittendoensis</i>	U.S.A. (NY).....	NA	T	41	NA	NA	NA
Snail, flat-spined three-toothed.....	<i>Triodopsis platysayoides</i>	U.S.A. (WV).....	NA	T	41	NA	NA	NA
Snail, Iowa Pleistocene.....	<i>Discus macclintocki</i>	U.S.A. (IA).....	NA	E	41	NA	NA	NA
Snail, Manus Island tree.....	<i>Papuostria pulcherrima</i>	Pacific Ocean: Admiralty Is. (Manus Is.).....	NA	E	3	NA	NA	NA
Snail, noonday.....	<i>Mesodon clarkii nanahala</i>	U.S.A. (NC).....	NA	T	41	NA	NA	NA
Snail, Oahu tree.....	<i>Achatinella</i> spp. (all species).....	U.S.A. (HI).....	NA	E	108, 112	NA	NA	NA
Snail, painted snake coiled forest.....	<i>Anguispira picta</i>	U.S.A. (TN).....	NA	T	41	NA	NA	NA
Snail, Stock Island.....	<i>Orthalicus reses</i> (not incl. <i>nesodryas</i>).....	U.S.A. (FL).....	NA	T	41	NA	NA	NA
Snail, Virginia fringed mountain.....	<i>Polygyrus virginianus</i>	U.S.A. (VA).....	NA	E	41	NA	NA	NA
CLAMS								
Falmucket, Arkansas.....	<i>Lampsilis powelli</i>	U.S.A. (AR).....	NA	T	382	NA	NA	NA
Mussel, Curtius.....	<i>Pleurobema curtum</i>	U.S.A. (AL, MS).....	NA	E	262	NA	NA	NA
Mussel, dwarf wedge.....	<i>Alasmidonta heterodon</i>	U.S.A. (CT, DC, DE, MA, MD, NC, NH, NJ, PA, VA, VT), Canada (NB).....	NA	E	377	NA	NA	NA
Mussel, Judge Tait's.....	<i>Pleurobema taitianum</i>	do.....	NA	E	262	NA	NA	NA
Mussel, Marshall's.....	<i>Pleurobema marshalli</i>	do.....	NA	E	262	NA	NA	NA
Mussel, penitent.....	<i>Epioblasma</i> (= <i>Dysomia</i>) <i>penita</i>	do.....	NA	E	262	NA	NA	NA

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Mussel, ring pink (=golf stick pearl)	<i>Obovaria retusa</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV)	NA	NA	NA	NA	NA	NA
Pearlshell, Louisiana	<i>Margaritifera hemphilli</i>	U.S.A. (LA)	NA	NA	NA	NA	NA	NA
Pearly mussel, Alabama lamp	<i>Lampsilis virescens</i>	U.S.A. (AL, TN)	NA	NA	NA	NA	NA	NA
Pearly mussel, Appalachian monkeyface	<i>Quadrula sparsa</i>	U.S.A. (TN, VA)	NA	NA	NA	NA	NA	NA
Pearly mussel, birdwing	<i>Conradilla caefata</i>	do	U.S.A. (AL, IL, IN, KY, OH, TN, and VA)	NA	NA	15	NA	NA
Pearly mussel, crackling	<i>Hemistena</i> (= <i>Lastrea</i>) <i>lata</i>	U.S.A. (KY, TN)	NA	NA	NA	15	NA	NA
Pearly mussel, Cumberland bean	<i>Villosa</i> (= <i>Nicromya</i>) <i>trabalis</i>	U.S.A. (AL, TN, VA)	NA	NA	NA	15	NA	NA
Pearly mussel, Cumberland monkeyface	<i>Quadrula intermedia</i>	U.S.A. (MO)	NA	NA	NA	15	NA	NA
Pearly mussel, Curtis'	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>fiorentina</i> <i>curtisi</i> .	U.S.A. (MO)	NA	NA	NA	15	NA	NA
Pearly mussel, dromedary..	<i>Dromus dromas</i>	U.S.A. (TN, VA)	NA	NA	NA	15	NA	NA
Pearly mussel, green-blossom	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>torulosa</i> <i>gubernaculum</i> .	do	U.S.A. (IL, IA, MN, MO, NE, WI)	NA	NA	15	NA	NA
Pearly mussel, Higgins' eye	<i>Lampsilis higginsi</i>	U.S.A. (AL, KY, NC, TN, VA)	NA	NA	NA	342	NA	NA
Pearly mussel, little-wing	<i>Pegias tabua</i>	Mexico	NA	NA	NA	15	NA	NA
Pearly mussel, Nicklin's.	<i>Megalonaia nickliniana</i>	U.S.A. (AL, IN, IA, KY, OH, PA, TN)	NA	NA	NA	15	NA	NA
Pearly mussel (=pimple back), orange-footed.	<i>Plethobasus cooperianus</i>	Toxolasma (= <i>Carunculina</i>) <i>cylindrellus</i>	U.S.A. (AL, TN)	NA	NA	15	NA	NA
Pearly mussel, pale lilliput...	<i>Lampsilis orbicularis</i>	Lampsilis	U.S.A. (AL, IN, KY, MO, OH, PA, TN, WV).	NA	NA	15	NA	NA
Pearly mussel, pink mucket	.....	Cytonaias <i>tampicensis tecomanensis</i>	Mexico	NA	NA	15	NA	NA
Pearly mussel, Tampico	.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>torulosa torulosa</i> .	U.S.A. (IL, IN, KY, TN, WV)	NA	NA	15	NA	NA
Pearly mussel, tubercled-blossom	.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>turgida</i>	U.S.A. (AL, TN)	NA	NA	15	NA	NA
Pearly mussel, turgid-blossom	.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>sucata deliciata</i> .	U.S.A. (IN, MI, OH)	NA	NA	15	NA	NA
Pearly mussel, white cat's paw	.....	<i>Plethobasus cicatricosus</i>	U.S.A. (AL, IN, TN)	NA	NA	15	NA	NA
Pigtoe, fin-rayed	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>fiorentina</i> <i>fiorentina</i> .	<i>Fusconaia cuneolus</i>	U.S.A. (AL, TN, VA)	NA	NA	15	NA	NA
Pigtoe, rough	.....	<i>Pleurobema plenum</i>	U.S.A. (IN, KY, TN, VA)	NA	NA	15	NA	NA
Pigtoe, shiny	.....	<i>Fusconaia edgariana</i>	U.S.A. (AL, TN, VA)	NA	NA	15	NA	NA
Pocketbook, fat	<i>Potamius</i> (= <i>Propria</i>) <i>capax</i> .	<i>Lampsiliis streckeri</i>	U.S.A. (AR, IN, MO, OH)	NA	NA	345	NA	NA
Pocketbook, speckled	.....	<i>Epioblasma walkeri</i>	U.S.A. (AR)	NA	NA	27	NA	NA
Riffler shell, tan	.....	<i>Pleurobema</i> (= <i>Fusconaia</i> , = <i>Elliptio</i> , = <i>Cantharia</i>) <i>collina</i> .	U.S.A. (KY, TN, VA)	NA	NA	316	NA	NA
Spiny mussel, James River (=Virginia)	.....	<i>Elliptio</i> (<i>Cantharia</i>) <i>steinbachi</i>	U.S.A. (NO)	NA	NA	188	NA	NA
Spiny mussel, Tar River.	.....	<i>Quadrula stapes</i>	U.S.A. (AL, MS)	NA	NA	262	NA	NA
Stirrup shell	.....	.....	.....	NA	NA	115	NA	NA
CRUSTACEANS				NA	NA	263	NA	NA
Amphipod, Hay's Spring				U.S.A. (DC)	NA	242	NA	NA
Crayfish (no common name)				U.S.A. (AR)	NA	337	NA	NA
Crayfish, Nashville				U.S.A. (TN)	NA	123	NA	17.46(a)
Crayfish, Shasta (=placid)				U.S.A. (CA)	NA	36	NA	NA
Isopod, Madison Cave				U.S.A. (VA)	NA			
Isopod, Socorro				U.S.A. (NM)	NA			
Palaemonias alabamae				U.S.A. (AL)	NA	323	NA	NA
Syncaris pacifica				U.S.A. (CA)	NA	340	NA	NA
Palaemonias ganteri				U.S.A. (KY)	NA	135	17.95(h)	NA

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INSECTS							
Beetle, American burying (= Giant carri-on beetle).	<i>Nicrophorus americanus</i>	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada.	NA	E	351	NA	NA
Beetle, delta green ground	<i>Elaphrus viridis</i>	U.S.A. (CA)	NA	T	100	17.95(i)	NA
Beetle, Kretschmann Cave mold	<i>Texamaurops reddelli</i>	U.S.A. (TX)	NA	E	327	NA	NA
Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	do	NA	E	327	NA	NA
Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	U.S.A. (CA)	NA	T	99	17.95(i)	NA
Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	do	NA	T	288	NA	NA
Butterfly, El Segundo blue	<i>Euphilotes</i> (= <i>Shijimiaeoides</i>) <i>battoides</i> allynii.	do	NA	E	14	NA	NA
Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	do	NA	E	14	NA	NA
Butterfly, lotis blue	<i>Lycaeides argyronomus lotis</i>	do	NA	E	14	NA	NA
Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	do	NA	E	14	NA	NA
Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	U.S.A. (OR, WA)	NA	T	95	17.95(i)	NA
Butterfly, Palos Verdes blue	<i>Glaucoopsyche lygdamus palosverdesensis</i> .	U.S.A. (CA)	NA	E	96	17.95(ii)	NA
Butterfly, Queen Alexandra's birdwing	<i>Troides</i> (= <i>Omnithoptera</i>) <i>alexandrae</i>	Papua New Guinea	NA	E	364	NA	NA
Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	U.S.A. (CA)	NA	E	14	NA	NA
Butterfly, Schaus swallowtail	<i>Heracides</i> (= <i>Papilio</i>) <i>aristodemus pacificus</i> .	U.S.A. (FL)	NA	E	13,159	NA	NA
Butterfly, Smith's blue	<i>Euphilotes</i> (= <i>Shijimiaeoides</i>) <i>enoptes smithi</i> .	U.S.A. (CA)	NA	E	14	NA	NA
Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	do	NA	T	91	NA	NA
Naucorid, Ash Meadows Skipper, Pawnee montane	<i>Ambrusys amargosus</i>	U.S.A. (NV)	NA	T	181	17.95(i)	NA
	<i>Hesperia leonardus</i> (= <i>pawnee</i>) <i>montana</i> .	U.S.A. (CO)	NA	T	289	NA	NA
ARACHNIDS							
Harvestman, Bee Creek Cave.	<i>Texellia reddelli</i>	U.S.A. (TX)	NA	E	327	NA	NA
Pseudoscorpion, Tooth Cave	<i>Microreagris texana</i>	do	NA	E	327	NA	NA
Spider, Tooth Cave.	<i>Leptometata myopica</i>	do	NA	E	327	NA	NA

Symbols used in the "when listed" column:

D—Indicates FR where species was Delisted; relisting of the species is indicated by subsequent number(s).

E—Indicates Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under "When listed".

EDITORIAL NOTE: See the following list for the "when listed" citations.

- 1—32 FR 4001; March 11, 1967.
 2—35 FR 18047; October 13, 1970.
 3—35 FR 8495; June 2, 1970.
 4—35 FR 18320; December 2, 1970.
 5—37 FR 6476; March 30, 1972.
 6—38 FR 14678; June 4, 1973.
 7—39 FR 44991; December 30, 1974.
 8—40 FR 29864; July 16, 1975.
 9—40 FR 31738; July 28, 1975.
 10—40 FR 44151; September 25, 1975.
 11—40 FR 44418; September 26, 1975.
 12—40 FR 47506; October 9, 1975.
 13—41 FR 17740; April 28, 1978.
 14—41 FR 22044; June 1, 1976.
 15—41 FR 24064; June 14, 1978.
 15A—41 FR 26019; June 24, 1976.
 16—41 FR 45993; October 19, 1976.
 17—41 FR 51021; November 19, 1976.
 18—41 FR 51612; November 23, 1978.
 19—41 FR 53034; December 3, 1976.
 20—42 FR 2076; January 10, 1977.
 21—42 FR 2968; January 14, 1977.
 22—42 FR 15971; March 24, 1977.
 23—42 FR 28137; June 2, 1977.
 24—42 FR 28545; June 3, 1977.
 25—42 FR 37373; July 21, 1977.
 28—42 FR 40885; August 11, 1977.
 27—42 FR 42353; August 23, 1977.
 28—42 FR 45528; September 9, 1977.
 29—42 FR 58755; November 11, 1977.
 30—42 FR 60745; November 29, 1977.
 31—43 FR 3715; January 27, 1978.
 32—43 FR 4028; January 31, 1978.
 33—43 FR 4621; February 3, 1978.
 34—43 FR 6233; February 14, 1978.
 35—43 FR 9612; March 9, 1978.
 38—43 FR 12691; March 27, 1978.
 37—43 FR 15429; April 13, 1978.
 38—43 FR 16345; April 18, 1978.
 40—43 FR 20504; May 12, 1978.
 41—43 FR 28932; July 3, 1978.
 42—43 FR 32808; July 28, 1978.
 43—43 FR 34479; August 4, 1978.
 45—44 FR 21289; April 10, 1979.
 48—44 FR 23064; April 17, 1979.
 48—44 FR 29480; May 21, 1979.
 50—44 FR 37126; June 25, 1979.
 51—44 FR 37132; June 25, 1979.
 52—44 FR 42911; July 20, 1979.
 54—44 FR 49220; August 21, 1979.
 55—44 FR 54007; September 17, 1979.
 60—44 FR 59084; October 12, 1979.
 85—44 FR 69208; November 30, 1979.
 86—44 FR 70677; December 7, 1979.
 87—44 FR 75076; December 18, 1979.
 88—45 FR 18010; March 20, 1980.
 90—45 FR 21833; April 2, 1980.
 91—45 FR 24090; April 8, 1980.
 92—45 FR 27713; April 23, 1980.
 93—45 FR 28722; April 30, 1980.
 94—45 FR 35821; May 28, 1980.
 95—45 FR 44935; July 2, 1980.
 98—45 FR 44939; July 2, 1980.
 97—45 FR 47352; July 14, 1980.
 98—45 FR 47355; July 14, 1980.
 99—45 FR 52803; August 8, 1980.
 100—45 FR 52807; August 8, 1980.
 102—45 FR 54678; August 15, 1980.
 103—45 FR 55654; August 20, 1980.
 105—45 FR 63812; September 25, 1980.
 106—45 FR 65132; October 1, 1980.
 108—46 FR 3178; January 13, 1981.
 111—46 FR 11685; February 10, 1981.
 112—46 FR 40025; August 6, 1981.
 113—46 FR 40664; August 10, 1981.
 114—47 FR 4204; January 28, 1982.
 115—47 FR 5425; February 5, 1982.
 117—47 FR 19995; May 10, 1982.
 119—47 FR 31870; July 21, 1982.
 123—47 FR 43701; October 4, 1982.
 124—47 FR 43962; October 5, 1982.
 125—47 FR 46093; October 15, 1982.
 127—48 FR 612; January 5, 1983.
 128—48 FR 1728; January 14, 1983.
 129—48 FR 28464; June 22, 1983.
 130—48 FR 40184; September 2, 1983.
 131—48 FR 43043; September 21, 1983.
 132—48 FR 48057; October 11, 1983.
 134—48 FR 48336; October 12, 1983.
 135—48 FR 46341; October 12, 1983.
 138—48 FR 49249; October 25, 1983.
 138—49 FR 1994; January 17, 1984.
 139—49 FR 2783; January 23, 1984.
 142—49 FR 7335; February 28, 1984.
 143—49 FR 7394; February 29, 1984.
 144—49 FR 7398; February 29, 1984.
 145—49 FR 10526; March 20, 1984.
 148—49 FR 14356; April 11, 1984.
 149—49 FR 22334; May 29, 1984.
 150—49 FR 27514; July 5, 1984.
 156—49 FR 33885; August 27, 1984.
 157—49 FR 34494; August 31, 1984.
 159—49 FR 34504; August 31, 1984.
 160—49 FR 34510; August 31, 1984.
 161—49 FR 35954; September 13, 1984.
 163—49 FR 43069; October 26, 1984.
 164—49 FR 43969; November 1, 1984.
 166—49 FR 45163; November 15, 1984.
 168—49 FR 49639; December 21, 1984.
 169—50 FR 1056; January 9, 1985.
 170—50 FR 4226; January 30, 1985.
 171—50 FR 4945; February 4, 1985.
 173—50 FR 12302; March 28, 1985.
 174—50 FR 12305; March 28, 1985.
 181—50 FR 20786; May 20, 1985.
 182—50 FR 21792; May 28, 1985.
 183—50 FR 23884; June 6, 1985.
 184—50 FR 24530; June 11, 1985.
 185—50 FR 24653; June 12, 1985.
 186—50 FR 25678; June 20, 1985.
 188—50 FR 26575; June 27, 1985.
 189—50 FR 27002; July 1, 1985.
 193—50 FR 30194; July 24, 1985.
 195—50 FR 31596; August 5, 1985.
 196—50 FR 31603; August 5, 1985.
 203—50 FR 37198; September 12, 1985.
 205—50 FR 39117; September 27, 1985.
 206—50 FR 39123; September 27, 1985.
 210—50 FR 50308; December 10, 1985.
 211—50 FR 50733; December 11, 1985.
 212—50 FR 51252; December 16, 1985.
 216—51 FR 6690; February 25, 1986.
 222—51 FR 10850; March 31, 1986.
 223—51 FR 10857; March 31, 1986.
 224—51 FR 10864; March 31, 1986.
 227—51 FR 16047; April 30, 1986.
 228—51 FR 16482; May 2, 1986.
 233—51 FR 17980; May 16, 1986.
 236—51 FR 23781; July 1, 1986.
 239—51 FR 27495; July 31, 1986.
 241—51 FR 31422; September 3, 1986.
 242—51 FR 34412; September 26, 1986.
 246—51 FR 34425; September 26, 1986.
 247—51 FR 39478; October 28, 1986.
 248—51 FR 41796; November 19, 1986.
 250—51 FR 45910; December 23, 1986.
 251—52 FR 288; January 5, 1987.
 258—52 FR 5302; February 20, 1987.
 261—52 FR 10892; April 6, 1987.
 262—52 FR 11169; April 7, 1987.
 263—52 FR 11172; April 7, 1987.
 265—52 FR 11286; April 8, 1987.

[48 FR 34182, July 27, 1983]

Editorial Note: For Federal Register citations affecting § 17.11, see the List of CFR Sections Affected appearing in the Finding Aids section of this volume.

Editorial Note: For Federal Register citations affecting the table in § 17.11(h), see the listing above.

Editorial Note: Two entries above were issued as Emergency Rules, which have only temporary effect; unless an emergency rule is superseded by a final rule or withdrawn before its expiration date, the amendment it makes in the list no longer has effect. The two emergency listings (and their expiration dates) are as follows:

(a) Under MAMMALS, "Sea-lion, Steller (=northern)" expires December 3, 1990; see "when listed" footnote 384 above.

(b) Under FISHES, "Salmon, chinook" expires November 28, 1990; see "when listed" footnote 383 above.

§ 17.12 Endangered and threatened plants.

(a) The list in this section contains the names of all species of plants which have been determined by the Services to be Endangered or Threatened. It also contains the names of species of plants treated as Endangered or Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see § 17.50 *et seq.*).

(b) The columns entitled "Scientific name" and "Common name" define the species of plant within the meaning of the Act. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the *International Code of Botanical Nomenclature*.

(c) In the "Status" column the following symbols are used: "E" for Endangered, "T" for Threatened, and "E [or T] (S/A)" for similarity of appearance species.

(d) The other data in the list are nonregulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species' names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries, neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of Part 424 of this title.

(e) The "Historic range" indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the plant species, wherever found.

(f)(1) A footnote to the *Federal Register* publication(s) listing or reclassifying a species is indicated under the column "When listed." Footnote numbers to §§ 17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same *Federal Register* document. That document, at least since 1973, includes a statement indicating the basis

for the listing, as well as the effective date(s) of said listing.

(2) The "Special rules" and "Critical habitat" columns provide a cross reference to other sections in Parts 17, 222, 226, or 227. The "Special rules" column will also be used to cite the special rules which describe experimental populations and determine if they are essential or nonessential. Separate listings will be made for experimental populations, and the status column will include the following symbols: "XE" for an essential experimental population and "XN" for a nonessential experimental population. The term "NA" (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in Parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such plants, e.g., port-of-entry requirements. It is not intended that the references in the "Special rules" column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units (see § 17.11(g) for examples).

(h) The "List of Endangered and Threatened Plants" is provided below:

Species	Scientific name	Common name	Historic range	Status	When listed	Critical habitat	Special rules
Acanthaceae—Acanthus family: <i>Justicia cooleyi</i>	Cooley's water-willow	U.S.A. (FL)	E	356	NA	NA	NA
Agavaceae—Agave family: <i>Agave arizonica</i>	Arizona agave	U.S.A. (AZ)	E	147	NA	NA	NA
Alismataceae—Water-plantain family: <i>Sagittaria fasciculata</i>	Bunched arrowhead	U.S.A. (NC, SC)	E	53	NA	NA	NA
	Kral's water-plantain	U.S.A. (AL, GA)	T	386	NA	NA	NA
Amaranthaceae—Amaranth family: <i>Achyranthes splendens</i> var. <i>rotundata</i>	None	U.S.A. (HI)	E	220	NA	NA	NA
Anacardiaceae—Cashew family: <i>Rhus michauxii</i>	Michaux's sumac	U.S.A. (NC, SC, GA)	E	367	NA	NA	NA
Annonaceae—Custard-apple family: <i>Asimina tetramera</i>	Four-petal pawpaw	U.S.A. (FL)	E	244	NA	NA	NA
	Beautiful pawpaw	do	E	244	NA	NA	NA
	Rugel's pawpaw	do	E	244	NA	NA	NA
Apiaceae—Parsley family: <i>Eryngium constancei</i>	Loch Lomond coyote-thistle	U.S.A. (CA)	E	194E, 249	NA	NA	NA
	Snakeroot	U.S.A. (FL)	E	256	NA	NA	NA
	Bradshaw's desert-parsley	U.S.A. (OR)	E	333	NA	NA	NA
	Canby's dropwort	U.S.A. (DE, GA, MD, NC, SC)	E	217	NA	NA	NA
	Harperella	U.S.A. (AL, GA, MD, NC, SC, WV)	E	332	NA	NA	NA
Apocynaceae—Dogbane family: <i>Amsonia kearneyana</i>	Kearney's blue-star	U.S.A. (AZ)	E	343	NA	NA	NA
	Jones cycladenia	U.S.A. (AZ, UT)	T	229	NA	NA	NA
Aquifoliaceae—Holly family: <i>Ilex cookii</i>	Cook's holly	U.S.A. (PR)	E	277	NA	NA	NA
	Palma de manaca	do	T	375	NA	NA	NA
Arecaceae—Palm family: <i>Calyptrotroma nivalis</i>	Dwarf-flowered heartleaf	U.S.A. (NC, SC)	T	347	NA	NA	NA
Aristolochiaceae—Heartleaf family: <i>Hedychium naniflora</i>	American hart's-tongue fern	U.S.A. (AL, MI, NY, TN), Canada (ON). U.S.A. (AK)	T	354	NA	NA	NA
Aspleniacae—Spleenwort family: <i>Phyllitis scolopendrium</i> var. <i>americana</i> (= <i>P. japonica</i> ssp. <i>a.</i>)	Aleutian shield-fern (= Aleutian holly-fern)	U.S.A. (IL, IN, IA, KS, MO, WI). U.S.A. (AZ, UT)	E	305	NA	NA	NA
Asclepiadaceae—Milkweed family: <i>Asclepias meadii</i>	Mead's milkweed	U.S.A. (IL, IN, IA, KS, MO, WI). U.S.A. (AZ, UT)	T	321	NA	NA	NA
	Welsh's milkweed	do	T	295	17.96(a)	NA	NA
Asteraceae—Aster family: <i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i>	'Ahinahina (= Mauna Kea silversword)	U.S.A. (HI)	E	219	NA	NA	NA
	Cuneate bidens	do	E	141	NA	NA	NA
	Boottia decurrens	U.S.A. (IL, MO)	T	341	NA	NA	NA
	<i>Chrysopsis floridana</i> (= <i>Heterotheca f.</i>)	U.S.A. (FL)	E	232	NA	NA	NA

Species	Common name	Historic range	Status	When listed	Critical habitat	Special rules
Scientific name						
<i>Cirsium pitcheri</i>	Pitcher's thistle	U.S.A. (IL, IN, MI, WI), Canada (ON).	T	315	NA	NA
<i>Cirsium vinaceum</i>	Sacramento Mountains thistle	U.S.A. (NM)	T	276	NA	NA
<i>Echinacea tennesseensis</i>	Tennessee purple coneflower	U.S.A. (TN)	E	49	NA	NA
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray	U.S.A. (NV)	T	181	17.96(a)	NA
<i>Erigeron maguirei</i> var. <i>maguirei</i>	Maguire daisy	U.S.A. (UT)	E	202	NA	NA
<i>Erigeron rhizomatous</i>	Zuni (= Rhizome) fleabane	U.S.A. (NM)	T	177	NA	NA
<i>Grindelia fraxinipratensis</i>	Ash Meadows gumplant	U.S.A. (CA, NV)	T	181	17.96(a)	NA
<i>Hymenoxys acaulis</i> var. <i>glabra</i>	Ash Meadows daisy	U.S.A. (CA, NV)	T	310	NA	NA
<i>Hymenoxys texana</i>	Texas prairie dawn-flower (= Texas bitterweed)	U.S.A. (TX)	E	218	NA	NA
<i>Liatris helieri</i>	Heller's blazingstar	U.S.A. (NC)	T	300	NA	NA
<i>Liatris ohlingerae</i>	Scrub blazingstar	U.S.A. (FL)	E	356	NA	NA
<i>Lipochaeta venosa</i>	None	U.S.A. (HI)	E	73	NA	NA
<i>Marshallia mohrii</i>	Mohr's Barbara's buttons	U.S.A. (AL, GA)	T	324	NA	NA
<i>Pityopsis ruthii</i> (= <i>Heterotheca r.</i> , <i>Chrysopsis r.</i>)	Ruth's golden aster	U.S.A. (TN)	E	191	NA	NA
<i>Senecio franciscanus</i>	San Francisco Peaks groundsel	U.S.A. (AZ)	T	137	17.96(a)	NA
<i>Solidago albopilosa</i>	White-haired goldenrod	U.S.A. (KY)	E	308	NA	NA
<i>Solidago houghtonii</i>	Houghton's goldenrod	U.S.A. (MI), Canada (Ont.)	T	314	NA	NA
<i>Solidago shortii</i>	Short's goldenrod	U.S.A. (KY)	E	201	NA	NA
<i>Solidago spithamea</i>	Blue Ridge goldenrod	U.S.A. (NC, TN)	T	175	NA	NA
<i>Stephanomeria maltheurensis</i>	Malheur wire-lettuce	U.S.A. (OR)	E	126	17.96(a)	NA
<i>Thymophylla tephroleuca</i> (= <i>Dyssodia t.</i>)	Ashy dogweed	U.S.A. (TX)	E	152	NA	NA
<i>Townsendia aprica</i>	Last Chance townsendia	U.S.A. (UT)	T	200	NA	NA
Berberidaceae—Barberry family:	Truckee barberry	U.S.A. (CA)	E	76	NA	NA
<i>Berberis sonnei</i> (= <i>Mahonia s.</i>)	Virginia round-leaf birch	U.S.A. (VA)	E	39	NA	NA
Betulaceae—Birch family:	Higuer de Sierra	U.S.A. (PR)	E	301	NA	NA
<i>Betula uber</i>	Large-flowered fiddleneck	U.S.A. (CA)	E	179	17.96(a)	NA
Bignoniaceae—Bignonia family:	McDonald's rock-cress	do	E	44	NA	NA
<i>Crescentia portoricensis</i>	Shale barren rock-cress	U.S.A. (VA, WV)	E	352	NA	NA
Boraginaceae—Borage family:	Small-anthered bittercress	U.S.A. (NC)	E	363	NA	NA
<i>Amsinckia grandiflora</i> .	Contra Costa wallflower	U.S.A. (CA)	E	39	17.96(a)	NA
Brassicaceae—Mustard family:	Toad-lax cress	U.S.A. (UT)	E	293	NA	NA
<i>Arabis mcdonaldiana</i>	Dudley Bluffs bladderpod	U.S.A. (CO)	T	374	NA	NA
<i>Arabis serotina</i>	Missouri bladderpod	U.S.A. (MO)	E	263	NA	NA
<i>Cardamine micrantha</i>	White bladderpod	U.S.A. (TX)	E	260	NA	NA
<i>Erysimum capitatum</i> var. <i>angustatum</i>	Dudley Bluffs twinpod	U.S.A. (CO)	T	374	NA	NA
<i>Glaucomarpus suffrutescens</i>	Slender-petaled mustard	U.S.A. (CA)	E	158	NA	NA
<i>Lesquerella congesta</i>	Wide-leat warea	U.S.A. (FL)	E	266	NA	NA
<i>Lesquerella filiformis</i>	Carter's mustard	do	E	256	NA	NA
<i>Physaria obcordata</i>	Vahl's boxwood	U.S.A. (PR)	E	197	NA	NA
<i>Thelypodium stenorhynchum</i>	Tobusch fishhook cactus	U.S.A. (TX)	E	80	NA	NA
<i>Warea amplexifolia</i>						
<i>Warea carteri</i>						
Buxaceae—Boxwood family:						
<i>Buxus vahlii</i>						
Cactaceae—Cactus family:						
<i>Ancistrocactus tobuschii</i> (= <i>Echinocactus t.</i> , <i>Mammillaria t.</i>)						

Species	Scientific name	Common name	Historic range	Status	When listed	Critical habitat	Special rules
<i>Cereus eriophorus</i> var. <i>fragrans</i>	Fragrant prickly-apple	U.S.A. (FL)	E	208	NA	NA	NA
<i>Cereus robbinsii</i>	Key tree-cactus	U.S.A. (FL), Cuba	E	153	NA	NA	NA
<i>Conophantha minima</i> (= <i>C. nelliæ</i> , <i>Escobaria</i> <i>n.</i> , <i>Mammillaria</i> <i>n.</i>)	Nellie cory cactus	U.S.A. (TX)	E	81	NA	NA	NA
<i>Conophantha ramillosa</i>	Bunched cory cactus	U.S.A. (TX), Mexico (Coahuila).	T	77	NA	NA	NA
<i>Conophantha robbinsorum</i> (= <i>Cochisea</i> <i>r.</i> , <i>Escobaria</i> <i>r.</i>)	Cochise pincushion cactus	U.S.A. (AZ), Mexico (Sonora), U.S.A. (NM)	T	214	NA	NA	NA
<i>Conophantha sneedii</i> var. <i>leei</i> (= <i>Escobaria</i> <i>l.</i> , <i>Mammillaria</i> <i>l.</i>)	Lee pincushion cactus	U.S.A. (TX, NM)	T	61	NA	NA	NA
<i>Conophantha sneedii</i> var. <i>sneedii</i> (= <i>Escobaria</i> <i>s.</i> , <i>Mammillaria</i> <i>s.</i>)	Sneed pincushion cactus	U.S.A. (TX, NM)	E	82	NA	NA	NA
<i>Echinocactus horizonthalonius</i> var. <i>nicholii</i>	Nichol's Turk's head cactus	U.S.A. (AZ)	E	71	NA	NA	NA
<i>Echinocactus chisosensis</i> var. <i>chisosensis</i> (= <i>E. reichenbachii</i> var. <i>c.</i>)	Chisos Mountain hedgehog cactus	U.S.A. (TX)	T	335	NA	NA	NA
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i> (= <i>E. kuenzleri</i> , <i>E. hemicellii</i> of authors, not Fobe)	Kuenzler hedgehog cactus	U.S.A. (NM)	E	70	NA	NA	NA
<i>Echinocereus lloydii</i> (= <i>E. roetteri</i> var. <i>l.</i>)	Lloyd's hedgehog cactus	U.S.A. (TX)	E	67	NA	NA	NA
<i>Echinocereus reichenbachii</i> var. <i>albertii</i> (= <i>E. melanocentrus</i>)	Black lace cactus	do	E	68	NA	NA	NA
<i>Echinocereus triglochidium</i> var. <i>arizonicus</i> (= <i>E. arizonicus</i>)	Arizona hedgehog cactus	U.S.A. (AZ)	E	62	NA	NA	NA
<i>Echinocereus triglochidium</i> var. <i>inermis</i> (= <i>E. coccineus</i> var. <i>l.</i> , <i>E. phoeniceus</i> var. <i>l.</i>)	Spineless hedgehog cactus	U.S.A. (CO, UT)	E	83	NA	NA	NA
<i>Echinocereus viridiflorus</i> var. <i>davisi</i> (= <i>E. davisi</i>)	Davis' green pitaya	U.S.A. (TX)	E	81	NA	NA	NA
<i>Neolloydia mariposensis</i> (= <i>Echinocactus m.</i> , <i>Echinomastus m.</i>)	Lloyd's Mariposa cactus	U.S.A. (TX), Mexico (Coahuila),	T	77	NA	NA	NA
<i>Pediocactus bradyi</i> (= <i>Toumeya b.</i>)	Brady pincushion cactus	U.S.A. (AZ)	E	63	NA	NA	NA
<i>Pediocactus despainii</i>	San Rafael cactus	U.S.A. (UT)	E	286	NA	NA	NA
<i>Pediocactus knowltonii</i> (= <i>P. bradyi</i> var. <i>k.</i> , <i>Toumeya k.</i>)	Knowlton cactus	U.S.A. (NM, CO)	E	72	NA	NA	NA
<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i> (= <i>Echinocactus p.</i> , <i>Navaajoa p.</i> , <i>Toumeya p.</i>)	Peebles Navajo cactus	U.S.A. (AZ)	E	69	NA	NA	NA
<i>Pediocactus sileri</i> (= <i>Echinocactus s.</i> , <i>Utahia s.</i>)	Siler pincushion cactus	U.S.A. (AZ, UT)	E	64	NA	NA	NA
<i>Sclerocactus glaucus</i> (= <i>Echinocactus g.</i> , <i>E. subglaucus</i> , <i>E. whipplei</i> var. <i>g.</i>)	Uinta Basin hookless cactus	U.S.A. (CO, UT)	T	59	NA	NA	NA
<i>Sclerocactus mesae-verdae</i> (= <i>Coloradoa m.</i> , <i>Echinocactus m.</i> , <i>Pediocactus m.</i>)	Mesa Verde cactus	U.S.A. (CO, NM)	T	75	NA	NA	NA
<i>Sclerocactus Wrightiae</i> (= <i>Pediocactus w.</i>)	Wright fishhook cactus	U.S.A. (UT)	E	58	NA	NA	NA
Campanulaceae—Bellflower family: <i>Campanula robiniae</i>	Brooksville (= Robins') bellflower	U.S.A. (FL)	E	356	NA	NA	NA
Caryophyllaceae—Pink family: <i>Arenaria cumberlandensis</i>	Cumberland sandwort	U.S.A. (KY, TN)	E	311	NA	NA	NA
<i>Geocarpus minimum</i>	None	U.S.A. (AR, MO)	T	275	NA	NA	NA
<i>Paronychia chartacea</i> (= <i>Nyachia pulvinata</i>)	Papery whitlow-wort	U.S.A. (FL)	T	256	NA	NA	NA
<i>Schiadea adamantis</i>	Diamond Head schiedea	U.S.A. (HI)	E	141	NA	NA	NA
Chenopodiaceae—Goosefoot family: <i>Nitrophila mohavensis</i>	Amargosa niterwort	U.S.A. (CA)	E	181	17.96(a)	NA	NA
Cistaceae—Rockrose family: <i>Hudsonia montana</i>	Mountain golden heather	U.S.A. (NC)	T	107	17.96(a)	NA	NA
Convolvulaceae—Morning-glory family: <i>Bonamia grandiflora</i>	Florida bonamia	U.S.A. (FL)	T	297	NA	NA	NA

Species	Common name	Historic range	Status	When listed	Critical habitat	Special rules
Scientific name						
Crassulaceae—Stonecrop family: <i>Dudleya traskiae</i>	Santa Barbara Island liveforever	U.S.A. (CA)	E	39	NA	NA
Cucurbitaceae—Gourd family: <i>Tumamoc macdougalii</i>	Tumamoc globe-berry	U.S.A. (AZ), Mexico (Sonora). U.S.A. (CA) Chile, Argentina	E T	226 79	NA	NA
Cupressaceae—Cypress family: <i>Cupressus abramsiana</i> <i>Fitzroya cupressoides</i>	Santa Cruz Cypress. Chilean false larch (=alerce)	U.S.A. (CA) Chile, Argentina	E	252	NA NA	NA NA
Cyatheaceae—Tree-fern family: <i>Cyathea dyoapteroides</i>	Elfin tree fern	U.S.A. (PR)	E	277	NA	NA
Cyperaceae—Sedge family: <i>Carex speciculosa</i>	Navajo sedge	U.S.A. (AZ)	T	178	17.96(a)	NA
Ericaceae—Heath family: <i>Arcostaphylos pungens</i> var. <i>ravenii</i> (= <i>A. hookeri</i> ssp. <i>r.</i>)	Presidio (= Raven's) manzanita	U.S.A. (CA) U.S.A. (FL)	E E	65 47	NA NA	NA NA
Euphorbiaceae—Spurge family: <i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i> (= <i>Euphorbia d.</i> spp. <i>d.</i>). <i>Chamaesyce garberi</i> (= <i>Euphorbia g.</i>)	Spurge	do	E	192	NA	NA
	None	do	T	192	NA	NA
	<i>Ewa</i> Plains 'akoko	U.S.A. (HI)	E	120	NA	NA
Jatrophaceae—Jatropha costaricensis	Costa Rican jatropha	Costa Rica	E	154	NA	NA
Fabaceae—Pea family: <i>Amorpha crenulata</i> <i>Apis priceana</i>	Crenulate lead-plant Price's Potato-bean	U.S.A. (FL) U.S.A. (AL, IL, KY, MS, TN). U.S.A. (CO, NM)	E T	192 373	NA NA	NA NA
<i>Astragalus humilisimus</i>	Mancos milk-vetch	U.S.A. (CO, NM)	E	187	NA	NA
<i>Astragalus montii</i> (= <i>A. limnocharis</i>) var. <i>m.</i>	Heliotrope milk-vetch	U.S.A. (UT)	T	298	17.96(a)	NA
<i>Astragalus osterhoutii</i>	Osterhout milk-vetch	U.S.A. (CO)	E	353	NA	NA
<i>Astragalus phoenix</i>	Ash Meadows milk-vetch	U.S.A. (NH, VT)	T	181	17.96(a)	NA
<i>Astragalus robbinsii</i> var. <i>jesupi</i>	Jesup's milk-vetch	U.S.A. (GA)	E	271	NA	NA
<i>Baptisia arachnifera</i>	Hairy rattleweed	U.S.A. (HI)	E	39	NA	NA
<i>Caesalpinia kavallirensis</i> (= <i>Mezoneuron k.</i>)	Uhiuhia	U.S.A. (PR)	E	238	NA	NA
<i>Cassia mirabilis</i>	None	U.S.A. (FL)	E	379	NA	NA
<i>Galactia smallii</i>	Small's milkpea	U.S.A. (TX)	E	192	NA	NA
<i>Hoffmannseggia tenella</i> , <i>Lespedeza leptostachya</i>	Slender rush-pea	U.S.A. (IA, IL, MN, WI)	E T	209 254	NA NA	NA NA
	Prairie bush-clover					
<i>Lotus dendroides</i> ssp. <i>traskiae</i> (= <i>L. scoparius</i> ssp. <i>t.</i>)	San Clemente Island broom	U.S.A. (CA)	E	26	NA	NA
<i>Lupinus aridorum</i>	Scrub lupine	U.S.A. (FL)	E	264	NA	N/A
<i>Oxytropis campestris</i> var. <i>chartacea</i>	Fassett's locoweed	U.S.A. (W)	T	329	NA	NA
<i>Serianthes nelsonii</i>	Hayun lagu (Guam), Tronkon guafi (Rota)	Western Pacific Ocean: U.S.A. (Guam, Rota). U.S.A. (PR), Dominican Republic.	E	257, 259	NA	NA
<i>Stahlia monosperma</i>	Cobana negra		T	380	NA	NA

Species	Scientific name	Common name	Historic range	Status	When listed	Critical habitat	Special rules
<i>Trifolium stoloniferum</i>	Running buffalo clover		U.S.A. (AR, IL, IN, KS, KY, MO, OH, WV), U.S.A. (HI)	E	270	NA	NA
<i>Vicia menziesii</i>	Hawaiian vetch		U.S.A. (HI)	E	39	NA	NA
Fagaceae—Oak family: <i>Quercus hinckleyi</i>	Hinckley's oak		U.S.A. (TX)	T	318	NA	NA
Flacourtiaceae—Flacourtie family: <i>Banara vanderbiltii</i>	Palo de Ramon		U.S.A. (PR)	E	255	NA	NA
Frankeniaceae—Frankenia family: <i>Frankenia johnstonii</i>	Johnston's frankenia		U.S.A. (TX), Mexico (Nuevo Leon).	E	155	NA	NA
Gentianaceae—Gentian family: <i>Centaurium nemophilum</i>	Spring-loving centaury		U.S.A. (CA, NV)	T	181	17.96(a)	NA
Goodeniaceae—Goodenia family: <i>Scaevola coriacea</i>	Dwarf naupaka		U.S.A. (HI)	E	231	NA	NA
Hydrophyllaceae—Waterleaf family: <i>Phacelia argillacea</i>	Clay phacelia		U.S.A. (UT)	E	44	NA	NA
	<i>Phacelia formosa</i>	North Park phacelia	U.S.A. (CO)	E	121	NA	NA
Hypericaceae—St. John's-Wort family: <i>Hypéricum cumulicola</i>	Highlands scrub hypericum		U.S.A. (FL)	E	256	NA	NA
Icacinae—Icacina family: <i>Ottooschizia rhodoxylon</i>	Palo de rosa		U.S.A. (PR), Dominican Republic.	E	385	NA	NA
Iridaceae—Iris family: <i>Iris lacustris</i>	Dwarf lake iris		U.S.A. (MI, WI), Canada (ON).	T	330	NA	NA
Isoetaceae—Quillwort family: <i>Isoetes melanospora</i>	Black-spored quillwort		U.S.A. (GA, SC)	E	302	NA	NA
	<i>Isoetes tegetiformans</i>	Mat-forming quillwort	U.S.A. (GA)	E	302	NA	NA
Lamiaceae—Mint family: <i>Acanthomintha obovata</i> ssp. <i>duttonii</i>	San Mateo thormmint		U.S.A. (CA)	E	204	NA	NA
	<i>Dicerandra chrysanthii</i>	Garrett's mint	U.S.A. (FL)	E	207, 362	NA	NA
	<i>Dicerandra comutissima</i>	Longspurred mint	do	E	207	NA	NA
	<i>Dicerandra frutescens</i>	Scrub mint	do	E	207, 362	NA	NA
	<i>Haplostachys haplostachya</i> var. <i>angustifolia</i>	Lakeia's mint	U.S.A. (HI)	E	73	NA	NA
	<i>Hedemora apiculatum</i>	McKittrick pennyroyal	U.S.A. (TX, NM)	T	118	17.96(a)	NA
	<i>Hedemora tordsenii</i>	Todsen's pennyroyal	U.S.A. (NM)	E	110, 112	17.96(a)	NA
	<i>Pogogyne abramsii</i>	San Diego mesa mint	U.S.A. (CA)	E	44	NA	NA
	<i>Scutellaria montana</i>	Large-flowered skullcap	U.S.A. (GA, TN)	E	234	NA	NA
	<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	None	U.S.A. (HI)	E	73	NA	NA
Laureaceae—Laurel family: <i>Lindera melissifolia</i>	Pondberry		U.S.A. (AL, AR, FL, GA, LA, MO, MS, NC, SC),	E	240	NA	NA

Species	Scientific name	Common name	Historic range	Status	When listed	Critical habitat	Special rules
Liliaceae—Lily family: <i>Erythronium propullans</i> <i>Harperocallis flava</i> <i>Helonias bullata</i>	Minnesota trout lily Harper's beauty Swamp pink		U.S.A. (MN) U.S.A. (FL) U.S.A. (DE, GA, MD, NC, NJ, NY, SC, VA). U.S.A. (GA, SC) U.S.A. (AL, GA, SC)	E E T E E	221 57 326 39 306	NA NA NA NA NA	NA NA NA NA NA
<i>Trillium persistens</i> <i>Trillium reliquum</i>	Persistent trillium. Relict trillium	Ash Meadows blazing-star	U.S.A. (NV)	E	181	17.96(a)	NA
Loasaceae—Loasa family: <i>Mentzelia leucophylla</i>	Ko'olau'a ula Texas poppy-mallow Kauai hau kuahiwai Peter's Mountain mallow Cooke's kokio Koki'o (= hau-hele'ula or Hawaii tree cotton) San Clemente Island bush-mallow Pedate checker-mallow		U.S.A. (HI) U.S.A. (TX) U.S.A. (HI) U.S.A. (VA) U.S.A. (HI) do... U.S.A. (CA) do...	E E E E E E E	243 109, 112 225 230 74 167 26	NA NA NA NA NA 17.96(a) NA	NA NA NA NA NA NA NA
Malvaceae—Mallow family: <i>Abutilon menziesii</i> <i>Callirhoe scabriuscula</i> <i>Hibiscus Sabiceus</i> <i>Illamna corei</i> <i>Kokia cookii</i> <i>Kokia drymarioides</i> <i>Malacothamnus clementinus</i> <i>Sidalcea pedata</i>		Bairaco	U.S.A. (PR)	E	303	NA	NA
Nyctaginaceae—Four-o'clock family: <i>Abronia macrocarpa</i> <i>Mirabilis macrorhiza</i>	Large-fruited sand-verbena MacFarlane's four-o'clock		U.S.A. (TX) U.S.A. (ID, OR)	E E	331 66	NA NA	NA NA
Oleaceae—Olive family: <i>Chionanthus pygmaeus</i>	Pygmy fringe-tree		U.S.A. (FL)	E	256	NA	NA
Onagraceae—Evening-primrose family: <i>Camissonia benitensis</i> <i>Oenothera litoralis</i> ssp. <i>eurekensis</i> <i>Oenothera deltoides</i> ssp. <i>howellii</i>	San Benito evening-primrose Eureka Valley evening-primrose Antioch Dunes evening-primrose		U.S.A. (CA) do... do...	T E E	172 39 39	NA NA 17.96(a)	NA NA NA
Orchidaceae—Orchid family: <i>Isoeta medeoloides</i>	Small whorled pogonia		U.S.A. (CT, DC, DE, GA, IL, MA, MD, ME, MI, MO, NC, NH, NJ, NY, PA, RI, SC, TN, VA, VT), Canada (ON), U.S.A. (AR, IA, IL, IN, ME, MI, MO, NE, NJ, NY, OH, OK, PA, VA, WI), Canada (ON, NB), U.S.A. (IA, MN, MO, NE, ND, OK, KS, SD), Canada (MB), U.S.A. (TX)	E	122	NA	NA
<i>Platanthera leucophaea</i>	Eastern prairie fringed orchid			T	368	NA	NA
<i>Platanthera praecox</i>	Western prairie fringed orchid			T	368	NA	NA
<i>Spiranthes parkii</i>	Navasota ladies'-tresses			E	116	NA	NA
Papaveraceae—Poppy family: <i>Arctomecon humilis</i> <i>Argemone pleiacantha</i> ssp. <i>pinnatisecta</i>	Dwarf bear-poppy Sacramento prickly-poppy		U.S.A. (UT) U.S.A. (NM)	E E	78 360	NA NA	NA NA

Species	Scientific name	Common name	Historic range	Status	When listed	Critical habitat	Special rules
Pinaceae—Pine family: <i>Abies guatemalensis</i>	Guatemalan fir (=pinabete)	Mexico, Guatemala, Honduras, El Salvador.	T	84	NA	NA	NA
Piperaceae—Pepper family: <i>Peperomia wheeleri</i>	Wheeler's peperomia	U.S.A. (PR).....	E	255	NA	NA	NA
Poaceae—Grass family: <i>Panicum fauriei</i> var. <i>carteri</i>	Carter's panicgrass	U.S.A. (HI).....	E	133	17.96(a) NA	NA	NA
<i>Swallenia alexandrae</i>	Eureka Dune grass	U.S.A. (CA).....	E	39	NA	NA	NA
<i>Tuctoria mucronata</i> (= <i>Orcuttia m.</i>)	Solano grass	U.S.A. (CA).....	E	44	NA	NA	NA
<i>Zizania texana</i>	Texas wild-rice	U.S.A. (TX).....	E	39	17.96(a)	NA	NA
Polemoniaceae—Phlox family: <i>Eriastrium densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woolly-star	U.S.A. (CA).....	E	291	NA	NA	NA
Polygalaceae—Milkwort family: <i>Polygala smallii</i>	Tiny polygala	U.S.A. (FL)	E	192	NA	NA	NA
Polygonaceae—Buckwheat family: <i>Dodecahema leptoceras</i> (= <i>Centrostegia l.</i>)	Slender-horned spineflower	U.S.A. (CA).....	E	291	NA	NA	NA
<i>Eriogonum gypsophilum</i>	Gypsum wild-buckwheat	U.S.A. (NM).....	T	110, 112	17.96(a) NA	NA	NA
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	U.S.A. (NV).....	E	237	NA	NA	NA
<i>Eriogonum pellionophilum</i>	Clay-loving wild-buckwheat	U.S.A. (CO).....	E	151	17.96(a) NA	NA	NA
<i>Polygonella basiramia</i> (= <i>P. ciliata</i> var. <i>b.</i>)	Wireweed	U.S.A. (FL)	E	256	NA	NA	NA
Primulaceae—Primrose family: <i>Lysimachia asperulaefolia</i>	Rough-leaved loosestrife	U.S.A. (NC, SC)	E	274	NA	NA	NA
<i>Primula maguirei</i>	Maguire primrose	U.S.A. (UT)	T	199	NA	NA	NA
Ranunculaceae—Buttercup family: <i>Aconitum noveboracense</i>	Northern wild monkshood	U.S.A. (IA, NY, OH, WI).....	T	39	NA	NA	NA
<i>Clematis socialis</i>	Alabama leather flower	U.S.A. (AL).....	E	245	NA	NA	NA
<i>Delphinium kinkense</i>	San Clemente Island larkspur	U.S.A. (CA).....	E	26	NA	NA	NA
<i>Ranunculus aciformis</i> var. <i>aestivus</i> (= <i>R. acris</i> var. <i>aestiva</i> <i>lis</i>)	Autumn buttercup	U.S.A. (UT)	E	355	NA	NA	NA
<i>Thalictrum cooleyi</i>	Cooley's meadowrue	U.S.A. (NC, FL)	E	344	NA	NA	NA
Rhamnaceae—Buckthorn family: <i>Gouania hillebrandii</i>	None	U.S.A. (HI)	E	165	17.96(a) NA	NA	NA
<i>Ziziphus celata</i>	Florida ziziphus	U.S.A. (FL)	E	356	NA	NA	NA
Rosaceae—Rose family: <i>Geum radiatum</i>	Spreading avens	U.S.A. (NC, TN)	E	381	NA	NA	NA
<i>Ivesia kingii</i> var. <i>eremica</i>	Ash Meadows ivesia	U.S.A. (NV)	T	181	17.96(a) NA	NA	NA
<i>Potentilla robbinsiana</i>	Robbins' cinquefoil	U.S.A. (NH, VT)	E	104	17.96(a) NA	NA	NA
<i>Prunus geniculata</i>	Scrub plum	U.S.A. (FL)	E	256	NA	NA	NA
<i>Prunus subnitrea</i> (= <i>Cowanía s.</i>)	Arizona cliffrose	U.S.A. (AZ)	E	148	NA	NA	NA
Rubiaceae—Coffee family: <i>Gardenia brighamii</i>	Na'u (Hawaiian gardenia)	U.S.A. (HI)	E	198	NA	NA	NA
<i>Hedyotis purpurea</i> var. <i>montana</i>	Roan Mountain bluet	U.S.A. (NC, TN)	E	381	NA	NA	NA
Rutaceae—Citrus family: <i>Zanthoxylum thomasiannum</i>	St. Thomas prickly-ash	U.S.A. (PR, VI)	E	213	NA	NA	NA

Species	Scientific name	Common name	Historic range		Status	When listed	Critical habitat	Special rules
Santalaceae—Sandalwood family: <i>Santalum freycinetianum</i> var. <i>lanae</i>	Lanai sandalwood or 'iliahi	U.S.A. (HI)	E	215	NA	NA	NA	NA
Sarraceniaceae—Pitcher-plant family: <i>Sarracenia oreophila</i>	Green pitcher-plant Alabama canebrake pitcher-plant	U.S.A. (AL, GA, TN)..... U.S.A. (AL)	E	56, 89 346	NA NA	NA NA	NA	NA
<i>Sarracenia rubra</i> ssp. <i>alabamensis</i> (= <i>S. alabamensis</i> ssp. a.).	Mountain sweet pitcher-plant	U.S.A. (NC, SC)	E	339	NA	NA	NA	NA
<i>Sarracenia rubra</i> ssp. <i>jonesii</i> (= <i>S. jonesii</i>)	Miccosukee gooseberry	U.S.A. (FL, SC)	T	190	NA	NA	NA	NA
Saxifragaceae—Saxifrage family: <i>Ribes echinellum</i>	Sandplain gerardia	U.S.A. (CT, MA, MD, NY, RI), U.S.A. (AL, GA, SC) U.S.A. (CA)	E	325	NA	NA	NA	NA
Crophulariaceae—Snapdragon family: <i>Agalinis acuta</i>	Little amphianthus	U.S.A. (CA)	T	302	NA	NA	NA	NA
<i>Amphiophyllum pusillum</i>	San Clemente Island Indian paintbrush	U.S.A. (CA)	E	26	NA	NA	NA	NA
<i>Castilleja grisea</i>	Salt marsh bird's-beak	U.S.A. (CA)	E	44	NA	NA	NA	NA
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Palmate-bracted bird's-beak Furbish lousewort	U.S.A. (CA)	E	235	NA	NA	NA	NA
<i>Cordylanthus palmatus</i>	Blowout penstemon	U.S.A. (ME), Canada (New Brunswick). U.S.A. (NE)	E	39	NA	NA	NA	NA
<i>Pedicularis furbishiae</i>	Penland beardtongue	U.S.A. (CO)	E	285	NA	NA	NA	NA
<i>Penstemon haydenii</i>	Beautiful goetzea, matatabuey	U.S.A. (PR)	E	176	NA	NA	NA	NA
<i>Penstemon penlandii</i>	Eribula .....	.....do.....	E	319	NA	NA	NA	NA
Solanaceae—Nightshade family: <i>Goetzea elegans</i>	Texas snowbells	U.S.A. (TX)	E	162	NA	NA	NA	NA
<i>Solanum elaeagnifolium</i>	Florida torreya	U.S.A. (FL, GA)	E	140	NA	NA	NA	NA
Styracaceae—Styrax family: <i>Styrax texana</i>	None	U.S.A. (PR)	E	309	NA	NA	NA	NA
Taxaceae—Yew family: <i>Torreya taxifolia</i>	Palo de Nigua	U.S.A. (PR)	E	307	NA	NA	NA	NA

Symbol used in the "when listed" column:

E—Indicates Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under "When listed".

EDITORIAL NOTE: See the following list for the "when listed" citations.

- 26—42 FR 40685; August 11, 1977.
 39—43 FR 17916; April 26, 1978.
 44—43 FR 44812; September 28, 1978.
 47—44 FR 24250; April 24, 1979.
 49—44 FR 32605; June 6, 1979.
 53—44 FR 43701; July 25, 1979.
 56—44 FR 54923; September 21, 1979.
 57—44 FR 58863; October 2, 1979.
 58—44 FR 58868; October 11, 1979.
 59—44 FR 58870; October 11, 1979.
 61—44 FR 61556; October 25, 1979.
 62—44 FR 61558; October 25, 1979.
 63—44 FR 61786; October 26, 1979.
 64—44 FR 61788; October 26, 1979
 65—44 FR 61911; October 26, 1979.
 66—44 FR 61913; October 26, 1979.
 67—44 FR 61916; October 26, 1979.
 68—44 FR 61920; October 26, 1979.
 69—44 FR 61924; October 26, 1979.
 70—44 FR 61927; October 26, 1979.
 71—44 FR 61929; October 26, 1979.
 72—44 FR 62246; October 26, 1979.
 73—44 FR 62469; October 30, 1979.
 74—44 FR 62471; October 30, 1979.
 75—44 FR 62474; October 30, 1979.
 76—44 FR 64247; November 6, 1979.
 77—44 FR 64250; November 6, 1979.
 78—44 FR 64252; November 6, 1979.
 79—44 FR 64733; November 7, 1979.
 80—44 FR 64738; November 7, 1979.
 81—44 FR 64740; November 7, 1979.
 82—44 FR 64743; November 7, 1979.
 84—44 FR 65005; November 8, 1979.
 89—45 FR 18929; March 24, 1980.
 104—45 FR 61944; September 17, 1980.
 107—45 FR 69360; October 20, 1980.
 109—46 FR 3184; January 13, 1981.
 110—46 FR 5730; January 19, 1981.
 112—46 FR 40025; August 6, 1981.
 116—47 FR 19539; May 6, 1982.
 118—47 FR 30440; July 13, 1982.
 120—47 FR 36846; August 24, 1982.
 121—47 FR 38540; September 1, 1982.
 122—47 FR 38927; September 10, 1982.
 126—47 FR 50885; November 10, 1982.
 133—48 FR 46331; October 12, 1983.
 137—48 FR 52747; November 22, 1983.
 140—49 FR 2786; January 23, 1984.
 141—49 FR 6102; February 17, 1984.
 147—49 FR 21058; May 18, 1984.
 148—49 FR 22329; May 29, 1984.
 151—49 FR 28565; July 13, 1984.
 152—49 FR 29234; July 19, 1984.
 153—49 FR 29237; July 19, 1984.
 154—49 FR 30201; July 27, 1984.
 155—49 FR 31421; Aug. 7, 1984.
 158—49 FR 34500; Aug. 31, 1984.
 162—49 FR 40038; October 12, 1984.
 165—49 FR 44756; November 9, 1984.
 167—49 FR 47400; December 4, 1984.
 168—49 FR 49639; December 21, 1984.
 172—50 FR 5758; February 12, 1985.
 175—50 FR 12309; March 28, 1985.
 176—50 FR 15567; April 19, 1985.
 177—50 FR 16682; April 26, 1985.
 178—50 FR 19373; May 8, 1985.
 179—50 FR 19377; May 8, 1985.
 180—50 FR 20214; May 15, 1985.
 181—50 FR 20786; May 20, 1985.
 187—50 FR 26572; June 27, 1985.
 190—50 FR 29341; July 18, 1985.
 191—50 FR 29344; July 18, 1985.
 192—50 FR 29349; July 18, 1985.
 194—50 FR 31190; August 1, 1985.
 197—50 FR 32575; August 13, 1985.
 198—50 FR 33731; August 21, 1985.
- 199—50 FR 33734; August 21, 1985.
 200—50 FR 33737; August 21, 1985.
 201—50 FR 36089; September 5, 1985.
 202—50 FR 36091; September 5, 1985.
 204—50 FR 37863; September 18, 1985.
 207—50 FR 45618; November 1, 1985.
 208—50 FR 45621; November 1, 1985.
 209—50 FR 45624; November 1, 1985.
 213—50 FR 51870; December 21, 1985.
 214—51 FR 956; January 9, 1986.
 215—51 FR 3185; January 24, 1986.
 217—51 FR 6693; February 25, 1986.
 218—51 FR 8683; March 13, 1986.
 219—51 FR 9820; March 21, 1986.
 220—51 FR 10521; March 26, 1986.
 221—51 FR 10523; March 26, 1986.
 225—51 FR 15906; April 29, 1986.
 226—51 FR 15911; April 29, 1986.
 229—51 FR 16530; May 5, 1986.
 230—51 FR 17346; May 12, 1986.
 231—51 FR 17974; May 16, 1986.
 232—51 FR 17977; May 16, 1986.
 234—51 FR 22524; June 20, 1986.
 235—51 FR 23769; July 1, 1986.
 237—51 FR 24672; July 8, 1986.
 238—51 FR 24675; July 8, 1986.
 240—51 FR 27500; July 31, 1986.
 243—51 FR 34415; September 26, 1986.
 244—51 FR 34419; September 26, 1986.
 245—51 FR 34422; September 26, 1986.
 249—51 FR 45907; December 23, 1986.
 252—52 FR 679; January 8, 1987.
 253—52 FR 682; January 8, 1987.
 254—52 FR 784; January 9, 1987.
 255—52 FR 1462; January 14, 1987.
 256—52 FR 2234; January 21, 1987.
 257—52 FR 4910; February 18, 1987.
 259—52 FR 6651; March 4, 1987.
 260—52 FR 7426; March 11, 1987.
 264—52 FR 11175; April 7, 1987.
 266—52 FR 15505; April 29, 1987.
 270—52 FR 21480; June 5, 1987.
 271—52 FR 21484; June 5, 1987.
 274—52 FR 22589; June 12, 1987.
 275—52 FR 22933; June 16, 1987.
 276—52 FR 22936; June 16, 1987.
 277—52 FR 22939; June 16, 1987.
 285—52 FR 32929; September 1, 1987.
 286—52 FR 34917; September 16, 1987.
 291—52 FR 36270; September 28, 1987.
 293—52 FR 37420; October 6, 1987.
 295—52 FR 41440; October 28, 1987.
 297—52 FR 42071; November 2, 1987.
 298—52 FR 42657; November 6, 1987.
 300—52 FR 44401; November 19, 1987.
 301—52 FR 46087; December 4, 1987.
 302—53 FR 3565; February 5, 1988.
 303—53 FR 3567; February 5, 1988.
 305—53 FR 4629; February 17, 1988.
 306—53 FR 10884; April 4, 1988.
 307—53 FR 11612; April 7, 1988.
 308—53 FR 11615; April 7, 1988.
 309—53 FR 23742; June 23, 1988.
 310—53 FR 23745; June 23, 1988.
 311—53 FR 23748; June 23, 1988.
 314—53 FR 27137; July 18, 1988.
 315—53 FR 27141; July 18, 1988.
 318—53 FR 32827; August 26, 1988.
 319—53 FR 32830; August 26, 1988.
 321—53 FR 33996; September 1, 1988.
 324—53 FR 34701; September 7, 1988.
 325—53 FR 34705; September 7, 1988.
 326—53 FR 35080; September 9, 1988.
 329—53 FR 37972; September 28, 1988.
 330—53 FR 37975; September 28, 1988.
 331—53 FR 37978; September 28, 1988.
- 332—53 FR 37982; September 28, 1988.
 333—53 FR 38451; September 30, 1988.
 335—53 FR 38456; September 30, 1988.
 339—53 FR 38474; September 30, 1988.
 341—53 FR 45861; November 14, 1988.
 343—54 FR 2134; January 19, 1989.
 344—54 FR 5938; February 7, 1989.
 346—54 FR 10154; March 10, 1989.
 347—54 FR 14967; April 14, 1989.
 352—54 FR 29658; July 13, 1989.
 353—54 FR 29663; July 13, 1989.
 354—54 FR 29730; July 14, 1989.
 355—54 FR 30554; July 21, 1989.
 356—54 FR 31196; July 27, 1989.
 360—54 FR 35305; August 24, 1989.
 362—54 FR 38947; September 21, 1989.
 363—54 FR 38950; September 21, 1989.
 367—54 FR 39857; September 28, 1989.
 368—54 FR 39863; September 28, 1989.
 373—55 FR 433; January 5, 1990.
 374—55 FR 4157; February 6, 1990.
 375—55 FR 4159; February 6, 1990.
 379—55 FR 12790; April 5, 1990.
 380—55 FR 12793; April 5, 1990.
 381—55 FR 12797; April 5, 1990.
 385—55 FR 13491; April 10, 1990.
 386—55 FR 13911; April 13, 1990.
- [48 FR 34182, July 27, 1983]

Editorial Note: For Federal Register citations affecting § 17.12, see the List of CFR Sections Affected appearing in the Finding Aids section of this volume.

SPECIES REMOVED FROM THE ENDANGERED AND THREATENED LISTS

The following list of wildlife removed from the list at § 17.11 is provided for informational purposes only and is not codified in the Code of Federal Regulations. Only species completely removed from the list are included below. In cases where only a portion of the vertebrate species is delisted, the entry remains in § 17.11 in the modified form with the citation to the **Federal Register** indicated under "When listed."

The Service's listing regulations at 50 CFR 424.11(c) and (d) are as follows:

(c) A species shall be listed or reclassified if the Secretary determines, on the basis of the best scientific and commercial data available after conducting a review of the species' status, that the species is endangered or threatened because of any one or a combination of the following factors:

(1) The present or threatened destruction, modification, or curtailment of its habitat or range;

(2) Overutilization for commercial, recreational, scientific, or educational purposes;

(3) Disease or predation;

(4) The inadequacy of existing regulatory mechanisms; or

(5) Other natural or manmade factors affecting its continued existence.

(d) The factors considered in delisting a species are those in paragraph (c) of

this section as they relate to the definitions of endangered or threatened species. Such removal must be supported by the best scientific and commercial data available to the Secretary after conducting a review of the status of the species. A species may be delisted only if such data substantiate that it is neither endangered nor threatened for one or more of the following reasons:

(1) *Extinction.* Unless all individuals of the listed species had been previously identified and located, and were later found to be extirpated from their previous range, a sufficient period of time must be allowed before delisting to indicate clearly that the species is extinct.

(2) *Recovery.* The principal goal of the U.S. Fish and Wildlife Service and the National Marine Fisheries Services is to return listed species to a point at which

protection under the Act is no longer required. A species may be delisted on the basis of recovery only if the best scientific and commercial data available indicate that it is no longer endangered or threatened.

(3) *Original data for classification in error.* Subsequent investigations may show that the best scientific or commercial data available when the species was listed, or the interpretation of such data, were in error.

Species		Historic range	Former vertebrate population where endangered or threatened	Former status	Delisted	
Common name	Scientific name				Citation	Reason
Duck, Mexican.....	<i>Anas "dizzi"</i>	U.S.A. (AZ, NM, TX) to central Mexico.	U.S. only.....	E	43 FR 32258-61; July 25, 1978.	Original data in error.
Pupfish, Tecopa.....	<i>Cyprinodon nevadensis calidae</i> .	U.S.A. (CA)	Entire	E	47 FR 2317-19; January 15, 1982.	Extinct.
Cisco, longjaw.....	<i>Coregonus alpenae</i>	U.S.A. and Canada (Lakes Michigan, Huron, Erie).	....do.....	E	48 FR 39941-43; September 2, 1983.	Do.
Pike, blue.....	<i>Stizostedion vitreum glaucum</i> .	U.S.A. and Canada (Lakes Erie, Ontario).	....do.....	E	....do	Do.
Sparrow, Santa Barbara song.	<i>Melospiza melodia graminea</i> .	U.S.A. (CA) .....	....do.....	E	48 FR 46336-37; October 12, 1983.	Do.
Treefrog, Pine Barrens.....	<i>Hyla andersonii</i>	U.S.A. (FL, AL, NC, SC, NJ) .	Florida	E	48 FR 52740-43; November 22, 1983.	Original data in error.
Pearly mussel, Sampson's	<i>Epioblasma (=Dysnomia) sampsoni</i> .	U.S.A. (IL, IN)	NA	E	49 FR 1057-58; January 9, 1984.	Extinct.
Turtle, Indian flap-shelled.....	<i>Lissemys punctata punctata</i> ..	India, Pakistan, Bangladesh ..	Entire	E	49 FR 7394-98; February 29, 1984.	Original data in error.
Butterfly, Bahama swallowtail.	<i>Heracilides (=Papilio) andraemon bonhotei</i> .	U.S.A. (FL), Bahamas	NA	T	49 FR 34501-04; August 31, 1984.	Do.
Dove, Palau.....	<i>Gallicolumba canifrons</i>	W. Pacific; U.S.A. (Palau Islands).	Entire	E	50 FR 37192-94; September 12, 1985.	Recovered.
Fantail, Palau (Old World flycatcher).	<i>Rhipidura lepida</i> .....	....do .....	....do	E	....do	Do.
Owl, Palau.....	<i>Pyroglaux (=Otus) podargina</i>.	....do .....	....do	E	....do	Do.
Gambusia, Amistad.....	<i>Gambusia amistadensis</i>	U.S.A. (TX) .....	....do	E	52 FR 86083-85; December 4, 1987.	Extinct.
Milk-vetch, Rydberg.....	<i>Astragalus perianus</i>	U.S.A. (UT) .....	....do	T	54 FR 37941-43; September 14, 1989.	Recovered.
Cactus, purple-spined hedgehog.	<i>Echinocereus engelmannii</i> var. <i>purpureus</i>.	....do .....	....do	E	54 FR 48749-51; November 27, 1989.	Do.

