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Endangered and Threatened W...

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Endangered and Threatened Wildlife and Plants

50 CFR 17.11 & 17.12

July 15, 1991



Title 50—Wildlife and Fisheries

PART 17—ENDANGERED AND THREATENED WILDLIFE AND PLANTS

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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, 1990, 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, 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, 130-ARLSQ, Washington, D.C. 20240.

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta- tus	When listed	Critical habitat	Special rules
Common name								
MAMMALS								
Anoa, lowland		<i>Bubalus depressicornis</i> (= <i>B. anoa depressicornis</i>)	Indonesia	Entire	E	3	NA	NA
Anoa, mountain		<i>Bubalus quarlesi</i> (= <i>B. anoa quarlesi</i>)	do	do	E	15	NA	NA
Antelope, giant sable		<i>Hippotragus niger varians</i>	Angola	do	E	15	NA	NA
Argali		<i>Ovis ammon hodgsoni</i>	China (Tibet, Himalayas)	do	E	15	NA	NA
Armadillo, giant		<i>Prodonates maximus</i> (= <i>giganteus</i>)	Venezuela and Guyana to Argentina	do	E	15	NA	NA
Armadillo, pink fairy		<i>Chlamyphorus truncatus</i>	Argentina	do	E	3	NA	NA
Ass, African wild		<i>Equus asinus</i> (= <i>africanus</i>)	Somalia, Sudan, Ethiopia	Somalia, Sudan, Ethiopia	E	3, 22	NA	NA
Ass, Asian wild (= kulan, onager)		<i>Equus hemionus</i>	Southwestern and Central Asia	Entire	E	3	NA	NA
Avahi		<i>Avahi</i> (= <i>Lichanotus</i>) <i>laniger</i> (= entire genus)	Madagascar	do	E	3	NA	NA
Aye-Aye		<i>Daubentonia madagascariensis</i>	Madagascar	do	E	3	NA	NA
Babirusa		<i>Babirusa babirusa</i>	Indonesia	do	E	15	NA	NA
Baboon, gelada		<i>Theropithecus gelada</i>	Ethiopia	do	T	16	NA	17.40(c)
Bandicoot, barred		<i>Perameles bougainville</i>	Australia	do	E	4	NA	NA
Bandicoot, desert		<i>Perameles eremiana</i>	do	do	E	6	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>Macrotis 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 grisescens</i>	Central and Southeastern U.S.A.	do	E	13	NA	NA
Bat, Hawaiian hoary		<i>Lasiurus cinereus semotus</i>	U.S.A. (HI)	do	E	1	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)	do	E	156	NA	NA
Bat, Mariana fruit		<i>Pteropus mariannus mariannus</i>	Western Pacific Ocean: U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan)	Guam	E	156	NA	NA
Bat, Mexican long-nosed		<i>Leptonycteris nivalis</i>	U.S.A. (NM, TX), Mexico, Central America	Entire	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>	Indian Ocean: Rodrigues Island	do	E	139	NA	NA
Bat, Sanborn's long-nosed		<i>Leptonycteris sanborni</i> (= <i>yerba-buena</i>)	U.S.A. (AZ, NM), Mexico, Central America	do	E	336	NA	NA
Bat, Singapore roundleaf horseshoe		<i>Hipposideros ridleyi</i>	Malaysia	do	E	139	NA	NA
Bat, Virginia big-eared		<i>Plecotus townsendii virginianus</i>	U.S.A. (KY, NC, WV, VA)	do	E	85	17.95(a)	NA
Bear, Baluchistan		<i>Ursus thibetanus gedrosianus</i>	Iran, Pakistan	do	E	233	NA	NA
Bear, brown		<i>Ursus arctos pruinosus</i>	China (Tibet)	do	E	15	NA	NA
Do		<i>Ursus arctos arctos</i>	Paleartic	Italy	E	15, 15A	NA	NA
Bear, brown or grizzly		<i>Ursus arctos</i> (= <i>U.a. horribilis</i>)	Holarctic	U.S.A.—48 conterminous States	T	1, 2D, 9	NA	17.40(b)
Beaver		<i>Castor fiber</i>	do	Mexico	E	3	NA	NA
Bison, wood		<i>Bison bison athabasca</i>	Mongolia	Entire	E	15	NA	NA
Bobcat		<i>Felis rufus escuinapae</i>	Canada, Northwestern U.S.A.	Canada	E	3	NA	NA
Bontebok (antelope)		<i>Damaliscus dorcas dorcas</i>	Central Mexico	Entire	E	15	NA	NA
Camel, Bactrian		<i>Camelus bactrianus</i> (= <i>ferus</i>)	South Africa	do	E	15	NA	NA
			Mongolia, China	do	E	15	NA	NA

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
Cat, Andean	<i>Felis jacobita</i>	Chile, Peru, Bolivia, Argentina	Entire	E	15	NA	NA
Cat, black-footed	<i>Felis nigripes</i>	Southern Africa	do	E	15	NA	NA
Cat, flat-headed	<i>Felis planiceps</i>	Malaysia, Indonesia	do	E	15	NA	NA
Cat, lionmote	<i>Felis (Mayailurus) iriomotensis</i>	Japan (Iriomote Island, Ryukyu Islands)	do	E	50	NA	NA
Cat, leopard	<i>Felis bengalensis bengalensis</i>	India, Southeast Asia	do	E	15	NA	NA
Cat, marbled	<i>Felis marmorata</i>	Nepal, Southeast Asia, Indonesia	do	E	15	NA	NA
Cat, Pakistan sand	<i>Felis manganita schaffeli</i>	Pakistan	do	E	139	NA	NA
Cat, Temminck's (= golden cat)	<i>Felis temminckii</i>	Nepal, China, Southeast Asia, Indonesia (Sumatra)	do	E	15	NA	NA
Cat, tiger	<i>Felis tigrinus</i>	Costa Rica to northern Argentina	do	E	5	NA	NA
Chamois, Apennine	<i>Rupicapra rupicapra ornata</i>	Italy	do	E	15	NA	NA
Cheetah	<i>Acinonyx jubatus</i>	Africa to India	do	E	3, 5	NA	NA
Chimpanzee	<i>Pan troglodytes</i>	Africa-see 17.40(c)(3)	Wherever found in the wild.	E	16, 376	NA	NA
Do	do	do	Wherever found in captivity.	T	16, 376	NA	17.40(c)
Chimpanzee, pygmy	<i>Pan paniscus</i>	Zaire	Entire	E	16, 376	NA	NA
Chinchilla	<i>Chinchilla brevicaudata boliviana</i>	Bolivia	do	E	15	NA	NA
Civet, Malabar large-spotted	<i>Viverra megaspila civetina</i>	India	do	E	50	NA	NA
Cochito (= Gulf of California harbor porpoise)	<i>Phocoena sinus</i>	Mexico (Gulf of California)	do	E	169	NA	NA
Cougar, eastern	<i>Felis concolor cougar</i>	Eastern North America	do	E	6	NA	NA
Deer, Bactrian	<i>Cervus elaphus bactrianus</i>	U.S.S.R., Afghanistan	do	E	50	NA	NA
Deer, Barbary	<i>Cervus elaphus barbarus</i>	Morocco, Tunisia, Algeria	do	E	50	NA	NA
Deer, Bawean	<i>Axis (= Cervus) porcinus kuhli</i>	Indonesia	do	E	3	NA	NA
Deer, Cedros Island mule	<i>Odocoileus hemionus cedrosensis</i>	Mexico (Cedros Island)	do	E	10	NA	NA
Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	U.S.A. (WA, OR)	do	E	1	NA	NA
Deer, Corsican red	<i>Cervus elaphus corsicanus</i>	Corsica, Sardinia	do	E	50	NA	NA
Deer, Eid's brow-antlered	<i>Cervus eldi</i>	India to Southeast Asia	do	E	3	NA	NA
Deer, Formosan sika	<i>Cervus nippon taiouanus</i>	Taiwan	do	E	50	NA	NA
Deer, hog	<i>Axis (= Cervus) porcinus annamiticus</i>	Thailand, Indochina	do	E	15	NA	NA
Deer, key	<i>Odocoileus virginianus clavium</i>	U.S.A. (FL)	do	E	1	NA	NA
Deer, marsh	<i>Blastocercus dichotomus</i>	Argentina, Uruguay, Paraguay, Bolivia, Brazil	do	E	3	NA	NA
Deer, McNeill's	<i>Cervus elaphus macneilli</i>	China (Sinkiang, Tibet)	do	E	3	NA	NA
Deer, musk	<i>Moschus</i> spp. (all species)	Central and East Asia	Afghanistan, Bhutan, Burma, China (Tibet, Yunnan), India, Nepal, Pakistan, Sikkim.	E	15	NA	NA
Deer, North China sika	<i>Cervus nippon mandarinus</i>	China (Shantung and Chihli Provinces)	Entire	E	50	NA	NA
Deer, pampas	<i>Ozotoceros bezoarticus</i>	Brazil, Argentina, Uruguay, Bolivia, Paraguay	do	E	15	NA	NA
Deer, Persian fallow	<i>Dama dama mesopotamica</i>	Iraq, Iran	do	E	3	NA	NA
Deer, Philippine	<i>Axis (= Cervus) porcinus calamianensis</i>	Philippines (Calamian Islands)	do	E	15	NA	NA
Deer, Ryukyu sika	<i>Cervus nippon keramae</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

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta- tus	When listed	Critical habitat	Special rules
Common name								
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, South-east 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
Dolphin, Indus River		<i>Platanista minor</i>	Pakistan (Indus R. and tributaries)	do.	E	417	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)	Entire, except U.S.A.	E	4	NA	NA
Duiker, Jentink's		<i>Cephalophus jentinki</i>	Sierra Leone, Liberia, Ivory Coast	Entire	E	50	NA	NA
Eland, Western giant		<i>Taurotragus derbianus derbianus</i>	Senegal to Ivory Coast	do.	E	50	NA	NA
Elephant, African		<i>Loxodonta africana</i>	Africa	do.	T	40	NA	17.40(e)
Elephant, Asian		<i>Elephas maximus</i>	South-central and Southeast Asia	do.	E	15	NA	NA
Ferret, black-footed		<i>Mustela nigripes</i>	Western U.S.A., Western Canada	do.	E	1, 3	NA	NA
Fox, Northern swift		<i>Vulpes velox hebes</i>	U.S.A. (northern plains), Canada	Canada	E	3	NA	NA
Fox, San Joaquin kit		<i>Vulpes macrotis mulica</i>	U.S.A. (CA)	Entire	E	1	NA	NA
Fox, Simien		<i>Canis (Simenia) simensis</i>	Ethiopia	do.	E	50	NA	NA
Gazelle, Arabian		<i>Gazella gazella</i>	Arabian Peninsula, Palestine, Sinai	do.	E	50	NA	NA
Gazelle, Clark's (= Dibatag)		<i>Ammodorcas clarki</i>	Somalia, Ethiopia	do.	E	3	NA	NA
Gazelle, Cuvier's		<i>Gazella cuvieri</i>	Morocco, Algeria, Tunisia	do.	E	3	NA	NA
Gazelle, Mhor		<i>Gazella dama mhorr</i>	Morocco	do.	E	3	NA	NA
Gazelle, Moroccan (= Dorcas)		<i>Gazella dorcas massaesyia</i>	Morocco, Algeria, Tunisia	do.	E	3	NA	NA
Gazelle, Pelzel's		<i>Gazella dorcas pelzelii</i>	Somalia	do.	E	50	NA	NA
Gazelle, Rio de Oro Dama		<i>Gazella dama lozanoi</i>	Western Sahara	do.	E	3	NA	NA
Gazelle, sand		<i>Gazella subgutturosa marica</i>	Jordan, Arabian Peninsula	do.	E	50	NA	NA
Gazelle, Saudi Arabian		<i>Gazella dorcas saudiya</i>	Israel, Iraq, Jordan, Syria, Arabian Peninsula	do.	E	50	NA	NA
Gazelle, slender-horned (= Rhim)		<i>Gazella leptoceros</i>	Sudan, Egypt, Algeria, Libya	do.	E	3	NA	NA
Gibbons		<i>Hylobates</i> spp. (including <i>Nomascus</i>)	China, India, Southeast Asia	do.	E	3, 15	NA	NA
Goat, wild (= Chiltan markhor)		<i>Capra aegagrus (= falconeri chiltanensis)</i>	Southwestern Asia	Chiltan Range of west-central Pakistan	E	15	NA	NA
Goral		<i>Naemorhaedus goral</i>	East Asia	Entire	E	15	NA	NA
Gorilla		<i>Gorilla gorilla</i>	Central and Western Africa	do.	E	3	NA	NA
Hare, hispid		<i>Caprolagus hispidus</i>	India, Nepal, Bhutan	do.	E	15	NA	NA
Hartebeest, Swayne's		<i>Alcelaphus buselaphus swaynei</i>	Ethiopia, Somalia	do.	E	3, 50	NA	NA
Hartebeest, Tora		<i>Alcelaphus buselaphus tora</i>	Ethiopia, Sudan, Egypt	do.	E	50	NA	NA
Hog, pygmy		<i>Sus salvanius</i>	India, Nepal, Bhutan, Sikkim	do.	E	3	NA	NA
Horse, Przewalski's		<i>Equus przewalskii</i>	Mongolia, China	do.	E	15	NA	NA
Huemul, North Andean		<i>Hippocamelus antisensis</i>	Ecuador, Peru, Chile, Bolivia, Argentina	do.	E	15	NA	NA
Huemul, South Andean		<i>Hippocamelus bisulcus</i>	Chile, Argentina	do.	E	15	NA	NA
Hutia, Cabrera's		<i>Capromys angelcabrerai</i>	Cuba	do.	E	233	NA	NA
Hutia, dwarf		<i>Capromys nana</i>	do.	do.	E	233	NA	NA
Hutia, large-eared		<i>Capromys auritus</i>	do.	do.	E	233	NA	NA
Hutia, little earth		<i>Capromys santelipensis</i>	do.	do.	E	233	NA	NA
Hyena, Barbary		<i>Hyaena hyaena barbara</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, Walla		<i>Capra walia</i>	Ethiopia	do.	E	3	NA	NA
Impala, black-faced		<i>Aepyceros melampus petersi</i>	Namibia, Angola	do.	E	3	NA	NA

Indri	Indri indri (=entire genus)	Malagasy Republic (= Madagascar)	do.	E	3	NA
Jaguar	<i>Panthera onca</i>	U.S.A. (TX, NM, AZ), C. and S. America.	Mexico southward	E	5	NA
Jaguarundi	<i>Felis yagouaroundi cacomilii</i>	U.S.A. (TX), Mexico	Entire	E	15	NA
Do	<i>Felis yagouaroundi fossata</i>	Mexico, Nicaragua	do.	E	15	NA
Do	<i>Felis yagouaroundi panamensis</i>	Nicaragua, Costa Rica, Panama	do.	E	15	NA
Do	<i>Felis yagouaroundi tolteca</i>	U.S.A. (AZ), Mexico	do.	E	15	NA
Kangaroo, eastern gray	<i>Macropus giganteus</i> (all subspecies except <i>tasmaniensis</i>).	Australia	do.	T	7	17.40(a)
Kangaroo, red	<i>Macropus (Megaleia) rufus</i>	do.	do.	T	7	17.40(a)
Kangaroo, Tasmanian forester	<i>Macropus giganteus tasmaniensis</i>	Australia (Tasmania)	do.	E	6	NA
Kangaroo, western gray	<i>Macropus fuliginosus</i>	Australia	do.	T	7	17.40(a)
Kouprey	<i>Bos sauveli</i>	Vietnam, Laos, Cambodia, Thailand	do.	E	3	NA
Langur, capped	<i>Presbytis pileata</i>	India, Burma, Bangladesh	do.	E	15	NA
Langur, Douc	<i>Pygathrix nemaeus</i>	Cambodia, Laos, Vietnam	do.	E	3	NA
Langur, entellus	<i>Presbytis entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh.	do.	E	15	NA
Langur, Francois'	<i>Presbytis francoisi</i>	China (Kwangsì), Indochina	do.	E	16	NA
Langur, golden	<i>Presbytis geel</i>	India (Assam), Bhutan	do.	E	15	NA
Langur, long-tailed	<i>Presbytis potenziani</i>	Indonesia	do.	T	16	17.40(c)
Langur, Pagi Island	<i>Nasalis (Simias) concolor</i>	do.	do.	E	3	NA
Langur, purple-faced	<i>Presbytis senex</i>	Sri Lanka (=Ceylon)	do.	T	16	17.40(c)
Lechwe, red	<i>Kobus leche</i>	Southern Africa	do.	T	3, 15, 106	NA
Lemurs	Lemuridae (incl. Cheirogaleidae, Lepilemuridae); all members of genera <i>Lemur</i> , <i>Phaner</i> , <i>Haplemur</i> , <i>Lepilemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i>	Malagasy Republic (= Madagascar)	do.	E	3, 15, 15A	NA
Leopard	<i>Panthera pardus</i>	Africa, Asia	Wherever found, except where it is listed as Threatened as set forth below.	E	3, 5, 114	NA
Do	do.	do.	In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya.	T	3, 5, 114	17.40(f)
Leopard, clouded	<i>Neofelis nebulosa</i>	Southeast and south-central Asia, Taiwan.	Entire	E	3, 15	NA
Leopard, snow	<i>Panthera uncia</i>	Central Asia	do.	E	5	NA
Linsang, spotted	<i>Prionodon pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma.	do.	E	15	NA
Lion, Asiatic	<i>Panthera leo persica</i>	Turkey to India	do.	E	3	NA
Loris, lesser slow	<i>Nycticebus pygmaeus</i>	Indochina	do.	T	16	17.40(c)
Lynx, Spanish	<i>Felis (=Lynx) pardina</i>	Spain, Portugal	do.	E	3	NA
Macaque, Formosan rock	<i>Macaca cyclops</i>	Taiwan	do.	T	16	17.40(c)
Macaque, Japanese	<i>Macaca fuscata</i>	Japan (Shikoku, Kyushu and Honshu Islands).	do.	T	16	17.40(c)
Macaque, lion-tailed	<i>Macaca silenus</i>	India	do.	E	3	NA
Macaque, stump-tailed	<i>Macaca arctoides</i>	India (Assam) to southern China	do.	T	16	17.40(c)
Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka (=Ceylon)	do.	T	16	17.40(c)
Manatee, Amazonian	<i>Trichechus inunguis</i>	South America (Amazon River Basin)	do.	E	3	NA
Manatee, West African	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal River to Cuanza River.	do.	T	52	NA

Species		Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
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>Cercocebus galeritus</i>	Kenya	do	E	3	NA	NA
Mangabey, white-collared			<i>Cercocebus 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, Khabal			<i>Capra falconeri megaceros</i>	Afghanistan, Pakistan	Entire	E	15	NA	NA
Markhor, straight-horned			<i>Capra falconeri jerdoni</i>	do	do	E	15	NA	NA
Marmoset, buffi-headed			<i>Calithrix flaviceps</i>	Brazil	do	E	139	NA	NA
Marmoset, buffy tufted-ear			<i>Calithrix jacchus aurita</i>	do	do	E	233	NA	NA
Marmoset, cotton-top			<i>Saguinus oedipus</i>	Costa Rica to Colombia	do	E	16	NA	NA
Marmoset, Goeldi's			<i>Callimico goeldii</i>	Brazil, Colombia, Ecuador, Peru, Bolivia	do	E	3	NA	NA
Marmot, Vancouver Island			<i>Marmota vancouverensis</i>	Canada (Vancouver Island)	do	E	139	NA	NA
Marsupial, eastern jerboa			<i>Antechinus laniger</i>	Australia	do	E	4	NA	NA
Marsupial-mouse, large desert			<i>Sminthopsis psammophila</i>	do	do	E	4	NA	NA
Marsupial-mouse, long-tailed			<i>Sminthopsis longicaudata</i>	do	do	E	4	NA	NA
Marten, Formosan yellow-throated			<i>Martes flavigula chrysospila</i>	Taiwan	do	E	3	NA	NA
Monkey, black colobus			<i>Colobus satanas</i>	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon.	do	E	16	NA	NA
Monkey, black howler			<i>Alouatta pigra</i>	Mexico, Guatemala, Belize	do	T	16	NA	17.40(c)
Monkey, Diana			<i>Cercopithecus diana</i>	Coastal West Africa	do	E	16	NA	NA
Monkey, howler			<i>Alouatta palliata</i> (= <i>villosa</i>)	Mexico to South America	do	E	15	NA	NA
Monkey (= langur), Guizhou snub-nosed.			<i>Rhinopithecus</i> (= <i>Pygathrix</i>) <i>brelichi</i>	China	do	E	400	NA	NA
Monkey (= langur), Sichuan snub-nosed.			<i>Rhinopithecus</i> (= <i>Pygathrix</i>) <i>roxellana</i>	do	do	E	400	NA	NA
Monkey (= langur), Tonkin snub-nosed.			<i>Rhinopithecus</i> (= <i>Pygathrix</i>) <i>avunculus</i>	Viet Nam	do	E	16,400	NA	NA
Monkey (= langur), Yunnan snub-nosed.			<i>Rhinopithecus</i> (= <i>Pygathrix</i>) <i>bieti</i>	China	do	E	400	NA	NA
Monkey, L'hoest's			<i>Cercopithecus lhoesti</i>	Upper Eastern Congo Basin, Cameroon.	do	E	16	NA	NA
Monkey, Preuss' red colobus			<i>Colobus badius preussi</i>	Cameroon	do	E	139	NA	NA
Monkey, proboscis			<i>Nasalis larvatus</i>	Borneo	do	E	15	NA	NA
Monkey, red-backed squirrel			<i>Saimiri oerstedii</i>	Costa Rica, Panama	do	E	3	NA	NA
Monkey, red-bellied			<i>Cercopithecus erythrogaster</i>	Western Nigeria	do	E	16	NA	NA
Monkey, red-eared nose-spotted			<i>Cercopithecus erythrolis</i>	Nigeria, Cameroon, Fernando Po	do	E	16	NA	NA
Monkey, spider			<i>Ateles geoffroyi frontatus</i>	Costa Rica, Nicaragua	do	E	3	NA	NA
Monkey, spider			<i>Ateles geoffroyi panamensis</i>	Costa Rica, Panama	do	E	3	NA	NA
Monkey, Tana River red colobus			<i>Colobus rufomitratus</i> (= <i>badius</i>) <i>rufomitratus</i>	Kenya	do	E	3, 16	NA	NA
Monkey, woolly spider			<i>Brachyteles arachnoides</i>	Brazil	do	E	3	NA	NA
Monkey, yellow-tailed woolly			<i>Lagothrix flavicauda</i>	Andes of northern Peru	do	E	16	NA	NA
Monkey, Zanzibar red colobus			<i>Colobus kirki</i>	Tanzania	do	E	3	NA	NA
Mouse, Alabama beach			<i>Peromyscus polionotus ammobates</i>	U.S.A. (AL)	do	E	183	17.95(a)	NA
Mouse, Anastasia island beach			<i>Peromyscus polionotus phasma</i>	U.S.A. (FL)	do	E	349	NA	NA
Mouse, Australian native			<i>Zyomys</i> (= <i>Notomys</i>) <i>pedunculatus</i>	Australia	do	E	15	NA	NA
Mouse, Australian native			<i>Notomys aquilo</i>	do	do	E	15	NA	NA
Mouse, Chocowatchee beach			<i>Peromyscus polionotus alloprius</i>	U.S.A. (FL)	do	E	183	17.95(a)	NA
Mouse, Field's			<i>Pseudomys fieldi</i>	Australia	do	E	4	NA	NA
Mouse, Gould's			<i>Pseudomys gouldii</i>	do	do	E	6	NA	NA
Mouse, Key Largo cotton			<i>Peromyscus gossypinus allapaticola</i>	U.S.A. (FL)	do	E	131E, 160	NA	NA

Mouse, New Holland.....	Australia.....	do.....	NA	4	NA
Mouse, Perdido Key beach.....	U.S.A. (AL, FL).....	do.....	17.95(a)	183	NA
Mouse, salt marsh harvest.....	U.S.A. (CA).....	do.....	NA	2	NA
Mouse, Shark Bay.....	Australia.....	do.....	NA	4	NA
Mouse, Shortridge's.....	do.....	do.....	NA	4	NA
Mouse, Smoky.....	do.....	do.....	NA	4	NA
Mouse, southeastern beach.....	U.S.A. (FL).....	do.....	NA	349	NA
Mouse, western.....	Australia.....	do.....	NA	4	NA
Muntjac, Fea's.....	Northern Thailand, Burma.....	do.....	NA	50	NA
Native-cat, eastern.....	Australia.....	do.....	NA	6	NA
Ocelot.....	do.....	do.....	NA	4, 6	NA
Orangutan.....	U.S.A. (AZ, TX) to C. and S. America.....	do.....	NA	5, 119	NA
Oryx, Arabian.....	Borneo, Sumatra.....	do.....	NA	3	NA
Otter, Cameroon clawless.....	Arabian Peninsula.....	do.....	NA	3	NA
Otter, giant.....	Cameroon, Nigeria.....	do.....	NA	3	NA
Otter, long-tailed.....	South America.....	do.....	NA	3	NA
Otter, marine.....	do.....	do.....	NA	3, 15	NA
Otter, southern river.....	Peru south to Straits of Magellan.....	do.....	NA	15	NA
Otter, southern sea.....	Chile, Argentina.....	do.....	NA	15	NA
Do.....	West Coast, USA (WA, OR, CA) south to Mexico (Baja California).....	Entire, except where listed below.	NA	21, 284	NA
	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.]	NA	21, 284	17.84(d)
	do.....	Entire.....	NA	139	NA
Panda, giant.....	People's Republic of China.....	do.....	NA	15	NA
Pangolin (= scaly anteater).....	Africa.....	do.....	NA	1	NA
Panther, Florida.....	U.S.A. (LA and AR east to SC and FL).....	do.....	NA	4	NA
Planigale, little.....	Australia.....	do.....	NA	4	NA
Planigale, southern.....	do.....	do.....	NA	4	NA
Porcupine, thin-spined.....	Brazil.....	do.....	NA	3	NA
Possum, Leadbeater's.....	do.....	do.....	NA	233	NA
Possum, mountain pygmy.....	Australia.....	do.....	NA	4	NA
Possum, scaly-tailed.....	do.....	do.....	NA	4	NA
Prairie dog, Mexican.....	Mexico.....	do.....	NA	3	NA
Prairie dog, Utah.....	U.S.A. (UT).....	do.....	17.40(g)	6, 149	NA
Pronghorn, peninsular.....	Mexico (Baja California).....	do.....	NA	10	NA
Pronghorn, Sonoran.....	U.S.A. (AZ), Mexico.....	do.....	NA	1, 3	NA
Pudu.....	Southern South America.....	do.....	NA	15	NA
Puma, Costa Rican.....	Nicaragua, Panama, Costa Rica.....	do.....	NA	15	NA
Quokka.....	Australia.....	do.....	NA	6	NA
Rabbit, Lower Keys.....	U.S.A. (FL).....	do.....	NA	390	NA
Rabbit, Ryukyu.....	Japan (Ryukyu Islands).....	do.....	NA	50	NA
Rabbit, volcano.....	Mexico.....	do.....	NA	3	NA
Rat, false water.....	Australia.....	do.....	NA	4	NA
Rat, Fresno kangaroo.....	U.S.A. (CA).....	do.....	17.95(a)	170	NA
Rat, giant kangaroo.....	do.....	do.....	NA	251	NA
Rat, Morro Bay kangaroo.....	do.....	do.....	17.95(a)	2	NA
Rat, rice (= silver rice).....	U.S.A. (FL).....	do.....	NA	421	NA
	do.....	Lower FL Keys (west of the Seven Mile Bridge).....	NA		
<i>Pseudomys novaehollandiae</i>	Australia.....	do.....			
<i>Peromyscus polionotus trissyllepsis</i>	U.S.A. (AL, FL).....	do.....			
<i>Reithrodontomys raviventris</i>	U.S.A. (CA).....	do.....			
<i>Pseudomys praeconis</i>	Australia.....	do.....			
<i>Pseudomys shortidgei</i>	do.....	do.....			
<i>Pseudomys fumeus</i>	do.....	do.....			
<i>Peromyscus polionotus niveiventris</i>	U.S.A. (FL).....	do.....			
<i>Pseudomys occidentalis</i>	Australia.....	do.....			
<i>Muntiacus feae</i>	Northern Thailand, Burma.....	do.....			
<i>Dasyurus viverrinus</i>	Australia.....	do.....			
<i>Myrmecobius fasciatus</i>	do.....	do.....			
<i>Felis pardalis</i>	U.S.A. (AZ, TX) to C. and S. America.....	do.....			
<i>Pongo pygmaeus</i>	Borneo, Sumatra.....	do.....			
<i>Oryx leuconyx</i>	Arabian Peninsula.....	do.....			
<i>Aonyx (Paranonyx) congica microdon</i>	Cameroon, Nigeria.....	do.....			
<i>Pteronura brasiliensis</i>	South America.....	do.....			
<i>Lutra longicaudis</i> (incl. <i>platensis</i>).....	do.....	do.....			
<i>Lutra felina</i>	Peru south to Straits of Magellan.....	do.....			
<i>Lutra provocax</i>	Chile, Argentina.....	do.....			
<i>Enhydra lutris nereis</i>	West Coast, USA (WA, OR, CA) south to Mexico (Baja California).....	Entire, except where listed below.			
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.]			
do.....	do.....	Entire.....			
<i>Aliuropoda melanoleuca</i>	People's Republic of China.....	do.....			
<i>Manis temminckii</i>	Africa.....	do.....			
<i>Felis concolor conyi</i>	U.S.A. (LA and AR east to SC and FL).....	do.....			
<i>Planigale ingrami subtilissima</i> (formerly <i>P. subtilissima</i>).....	Australia.....	do.....			
<i>Planigale tenuirostris</i>	do.....	do.....			
<i>Chaetomys subspinosus</i>	Brazil.....	do.....			
<i>Gymnobelideus leadbeateri</i>	do.....	do.....			
<i>Burramys parvus</i>	Australia.....	do.....			
<i>Wyulda squamicaudata</i>	do.....	do.....			
<i>Gynomys mexicanus</i>	Mexico.....	do.....			
<i>Gynomys parvidens</i>	U.S.A. (UT).....	do.....			
<i>Antilocapra americana peninsularis</i>	Mexico (Baja California).....	do.....			
<i>Antilocapra americana sonoriensis</i>	U.S.A. (AZ), Mexico.....	do.....			
<i>Pudu pudu</i>	Southern South America.....	do.....			
<i>Felis concolor costaricensis</i>	Nicaragua, Panama, Costa Rica.....	do.....			
<i>Selionix brachyurus</i>	Australia.....	do.....			
<i>Sylvilagus palustris hefneri</i>	U.S.A. (FL).....	do.....			
<i>Pentalagus furnessi</i>	Japan (Ryukyu Islands).....	do.....			
<i>Romerolagus diazi</i>	Mexico.....	do.....			
<i>Xeromys myoides</i>	Australia.....	do.....			
<i>Dipodomys nitratoides exilis</i>	U.S.A. (CA).....	do.....			
<i>Dipodomys ingens</i>	do.....	do.....			
<i>Dipodomys heermanni morroensis</i>	do.....	do.....			
<i>Oryzomys palustris natator</i> (= <i>O. ar-gentatus</i>).....	U.S.A. (FL).....	do.....			

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta- tus	When listed	Critical habitat	Special rules
Common name								
Rat, Stephens' kangaroo.....		<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>)	U.S.A. (CA)	Entire	E	338	NA	NA
Rat, stick-nest		<i>Leporillus conditor</i>	Australia	do.	E	6	NA	NA
Rat, Tipton kangaroo		<i>Dipodomys nitratoides nitratoides</i>	U.S.A. (CA)	do.	E	312	NA	NA
Rat-kangaroo, brush-tailed		<i>Bettongia penicillata</i>	Australia	do.	E	4	NA	NA
Rat-kangaroo, Gaimard's		<i>Bettongia gaimardi</i>	do.	do.	E	6	NA	NA
Rat-kangaroo, Lesuer's		<i>Bettongia lesueur</i>	do.	do.	E	4	NA	NA
Rat-kangaroo, plain		<i>Caloprymnus campestris</i>	do.	do.	E	4	NA	NA
Rat-kangaroo, Queensland		<i>Bettongia tropica</i>	do.	do.	E	4	NA	NA
Rhinoceros, black		<i>Diceros bicornis</i>	Sub-Saharan Africa	do.	E	97	NA	NA
Rhinoceros, great Indian		<i>Rhinoceros unicornis</i>	India, Nepal	do.	E	4	NA	NA
Rhinoceros, Javan		<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia.	do.	E	3	NA	NA
Rhinoceros, northern white		<i>Ceratotherium simum cottoni</i>	Zaire, Sudan, Uganda, Central African Republic.	do.	E	3	NA	NA
Rhinoceros, Sumatran		<i>Dicerorhinus</i> (= <i>Didermoceros</i>) <i>sumatrensis</i>	Bangladesh to Vietnam to Indonesia (Borneo).	do.	E	3	NA	NA
Saiga, Mongolian (antelope)		<i>Saiga tatarica mongolica</i>	Mongolia	do.	E	15	NA	NA
Saki, southern bearded		<i>Chiropotes satanas satanas</i>	Brazil	do.	E	233	NA	NA
Saki, white-nosed		<i>Chiropotes albinasus</i>	do.	do.	E	3	NA	NA
Sea-lion, Steller (= northern)		<i>Eumetopias jubatus</i>	U.S.A. (AK, CA, OR, WA), Canada, Soviet Union; North Pacific Ocean.	do.	T	384E, 408	NA	227.12
Seal, Caribbean monk		<i>Monachus tropicalis</i>	Caribbean Sea, Gulf of Mexico	do.	E	1, 2D, 45	NA	NA
Seal, guadalupe fur		<i>Arctocephalus townsendi</i>	U.S.A. (Farallon Islands of CA) south to Mexico (Islas Revillagigedo).	do.	T	1, 2D, 212	NA	227.11
Seal, Hawaiian monk		<i>Monachus schauinslandi</i>	U.S.A. (HI)	do.	E	18	226.11	NA
Seal, Mediterranean monk		<i>Monachus monachus</i>	Mediterranean, Northwest African Coast and Black Sea.	do.	E	3	NA	NA
Seledang (= Gaur)		<i>Bos gaurus</i>	Bangladesh, Southeast Asia, India	do.	E	3	NA	NA
Serow		<i>Capricornis sumatraensis</i>	East Asia, Sumatra	do.	E	15	NA	NA
Serval, Barbary		<i>Felis serval constantina</i>	Algeria	do.	E	3	NA	NA
Shapo		<i>Ovis vignei vignei</i>	Kashmir	do.	E	15	NA	NA
Shou		<i>Cervus elaphus wallichi</i>	Tibet, Bhutan.	do.	E	3	NA	NA
Shrew, Dismal Swamp southeastern		<i>Sorex longirostris fisheri</i>	U.S.A. (VA, NC)	do.	T	246	NA	NA
Siamang		<i>Symphalangus syndactylus</i>	Malaysia, Indonesia	do.	E	15	NA	NA
Sifakas		<i>Propithecus</i> spp. (all species)	Malagasy Republic (= Madagascar)	do.	E	4	NA	NA
Sloth, Brazilian three-toed		<i>Bradypus torquatus</i>	Brazil	do.	E	3, 4	NA	NA
Solenodon, Cuban		<i>Solenodon (Atopogale) cubanus</i>	Cuba	do.	E	3	NA	NA
Solenodon, Haitian		<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	do.	E	3	NA	NA
Squirrel, Carolina northern flying		<i>Glaucomys sabrinus coloratus</i>	U.S.A. (NC, TN)	do.	E	189	NA	NA
Squirrel, Delmarva Peninsula fox		<i>Sciurus niger cinereus</i>	U.S.A. (Delmarva Peninsula to south-east PA).	Entire, except Sussex Co., DE.	E	1, 161, 168	NA	NA
Do		do.	do.	U.S.A. (DE—Sussex County).	XN	161	NA	17.84(a)
Squirrel, Mount Graham red		<i>Tamiasciurus hudsonicus grahamensis</i>	U.S.A. (AZ)	Entire	E	268	17.95(a)	NA
Squirrel, Virginia northern flying		<i>Glaucomys sabrinus fuscus</i>	U.S.A. (VA, WV)	do.	E	189	NA	NA
Stag, Barbary		<i>Cervus elaphus barbarus</i>	Tunisia, Algeria	do.	E	3	NA	NA
Stag, Kashmir		<i>Cervus elaphus hanglu</i>	Kashmir	do.	E	3	NA	NA
Suni, Zanzibar		<i>Neotragus (Neotragus) moschatus moschatus</i>	Zanzibar (and nearby islands)	do.	E	50	NA	NA
Tahr, Arabian		<i>Hemitragus jayakari</i>	Oman	do.	E	50	NA	NA
Tamaraw		<i>Bubalus mindorensis</i>	Philippines	do.	E	4	NA	NA

Tamarin, golden-rumped (= golden-headed Tamarin; = golden-lion Marmoset).	<i>Leontopithecus</i> (= <i>Leontideus</i>) spp. (all species).	Brazil	do	E	3	NA	NA
Tamarin, pied	<i>Saguinus bicolor</i>	do	do	E	16	NA	NA
Tamarin, white-footed	<i>Saguinus leucopus</i>	Colombia	do	T	16	NA	17.40(c)
Tapir, Asian	<i>Tapirus indicus</i>	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand, Colombia and Venezuela south to Paraguay and Argentina.	do	E	15	NA	NA
Tapir, Brazilian	<i>Tapirus terrestris</i>	Southern Mexico to Colombia and Ecuador.	do	E	3	NA	NA
Tapir, Central American	<i>Tapirus bairdii</i>	Colombia, Ecuador and possibly Peru and Venezuela.	do	E	3	NA	NA
Tapir, mountain	<i>Tapirus pinchaque</i>	Philippines	do	E	3	NA	NA
Tarsier, Philippine	<i>Tarsius syrichta</i>	Temperate and Tropical Asia	do	T	16	NA	17.40(c)
Tiger	<i>Panthera tigris</i>	Australia	do	E	3, 5	NA	NA
Tiger, Tasmanian (= Thylacine)	<i>Thylacinus cynocephalus</i>	Peru, Brazil, Ecuador, Colombia, Venezuela.	do	E	3	NA	NA
Uakari (all species)	<i>Cacajao</i> spp. (all species)	Cyprus	do	E	3	NA	NA
Urial	<i>Ovis musimon</i> (= <i>orientalis</i>) <i>ophion</i>	South America (Andes)	do	E	15	NA	NA
Vicuña	<i>Vicugna vicugna</i>	U.S.A. (CA)	do	E	3	NA	NA
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	U.S.A. (FL)	do	E	166	17.95(a)	NA
Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	U.S.A. (AZ)	do	E	415	NA	NA
Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	Australia	do	E	292	NA	NA
Wallaby, banded hare	<i>Lagostrophus fasciatus</i>	do	do	E	4	NA	NA
Wallaby, brindled nail-tailed	<i>Onychogalea fraenata</i>	do	do	E	4	NA	NA
Wallaby, crescent nail-tailed	<i>Onychogalea lunata</i>	do	do	E	4	NA	NA
Wallaby, Parma	<i>Macropus parma</i>	do	do	E	4	NA	NA
Wallaby, Western hare	<i>Lagorchestes hirsutus</i>	do	do	E	4	NA	NA
Wallaby, yellow-footed rock	<i>Petrogale xanthopus</i>	do	do	E	4	NA	NA
Whale, blue	<i>Balaenoptera musculus</i>	Oceanic	do	E	6	NA	NA
Whale, bowhead	<i>Balaena mysticetus</i>	Oceanic (north latitudes only)	do	E	3	NA	NA
Whale, finback	<i>Balaenoptera physalus</i>	Oceanic	do	E	3	NA	NA
Whale, gray	<i>Eschrichtius robustus</i>	North Pacific Ocean: coastal and Bering Sea, formerly North Atlantic Ocean.	do	E	3	NA	NA
Whale, humpback	<i>Megaptera novaeangliae</i>	Oceanic	do	E	3	NA	222.31
Whale, right	<i>Balaena glacialis</i>	do	do	E	3	NA	NA
Whale, Sei	<i>Balaenoptera borealis</i>	do	do	E	3	NA	NA
Whale, sperm	<i>Physeter catodon</i>	do	do	E	3	NA	NA
Wolf, gray	<i>Canis lupus</i>	Holarctic	do	E	1, 6, 13, 15, 35	17.95(a)	NA
Do	do	U.S.A. (48 conterminous States, except MN), Mexico.	U.S.A. (MN)	T	35	17.95(a)	17.40(d)
Wolf, maned	<i>Chrysocyon brachyurus</i>	Argentina, Bolivia, Brazil, Paraguay, Uruguay.	Entire	E	4	NA	NA
Wolf, red	<i>Canis rufus</i>	U.S.A. (SE U.S.A., west to central TX)	Entire	E	1, 248	NA	NA
Do	do	do	do	XN	248	NA	17.84(c)
Wombat, hairy-nosed (= Barnard's and Queensland hairy-nosed).	<i>Lasiornhinus kreftii</i> (formerly <i>L. barnardi</i> and <i>L. gillespiei</i>).	Australia	do	E	4, 6	NA	NA
Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	U.S.A. (FL)	do	E	131E, 160	NA	NA
Yak, wild	<i>Bos grunniens mutus</i>	China (Tibet), India	do	E	3	NA	NA
Zebra, Grevy's	<i>Equus grevyi</i>	Kenya, Ethiopia, Somalia	do	T	54	NA	NA

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
Common name								
Zebra, Hartmann's mountain		<i>Equus zebra hartmannae</i>	Namibia, Angola	do.	T	54, 111	NA	NA
Zebra, mountain		<i>Equus zebra zebra</i>	South Africa	do.	E	15, 111	NA	NA
BIRDS								
Akepa, Hawaii (honeycreeper)		<i>Loxops coccineus coccineus</i>	U.S.A. (HI)	do.	E	2	NA	NA
Akepa, Maui (honeycreeper)		<i>Loxops coccineus ochraceus</i>	do.	do.	E	2	NA	NA
Akialoa, Kauai (honeycreeper)		<i>Hemignathus procerus</i>	do.	do.	E	1	NA	NA
Akiapolaau (honeycreeper)		<i>Hemignathus munroi</i> (= <i>wilsoni</i>)	do.	do.	E	1	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), U.S.A. (PR)	Entire, except U.S.A.	E	3	NA	NA
Blackbird, yellow-shouldered		<i>Agelaius xanthomus</i>	U.S.A. (PR)	Entire	E	17	17.95(b)	NA
Bobwhite, masked (quail)		<i>Colinus virginianus ridgwayi</i>	U.S.A. (AZ), Mexico (Sonora)	do.	E	1, 3	NA	NA
Booby, Abbott's		<i>Sula abbotti</i>	Indian Ocean: Christmas Island	do.	E	15	NA	NA
Bristlebird, western		<i>Dasyornis brachypterus longirostris</i>	Australia	do.	E	3	NA	NA
Bristlebird, western rufous		<i>Dasyornis broadbenti littoralis</i>	do.	do.	E	15	NA	NA
Broadbill, Guam		<i>Myiagra freycineti</i>	Western Pacific Ocean: U.S.A. (Guam)	do.	E	156	NA	NA
Bulbul, Mauritius oliveaceous		<i>Hypsipetes borbonicus olivaceus</i>	Indian Ocean: Mauritius	do.	E	3	NA	NA
Bullfinch, Sao Miguel (finch)		<i>Pyrrhula pyrrhula murina</i>	Eastern Atlantic Ocean: Azores	do.	E	3	NA	NA
Bushwren, New Zealand		<i>Xenicus longipes</i>	New Zealand	do.	E	3	NA	NA
Bustard, great Indian		<i>Choriotis nigripes</i>	India, Pakistan	do.	E	3	NA	NA
Cahow (= Bermuda Petrel)		<i>Pterodroma cahow</i>	North Atlantic Ocean: Bermuda	do.	E	3	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
Condor, Andean		<i>Vultur gryphus</i>	Colombia to Chile and Argentina	Entire	E	4	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
Coot, Hawaiian (= alae keo keo)		<i>Fulica americana alai</i>	U.S.A. (HI)	Entire	E	2	NA	NA
Cotinga, banded		<i>Cotinga maculata</i>	Brazil	do.	E	15	NA	NA
Cotinga, white-winged		<i>Xipholena atropurpurea</i>	do.	do.	E	15	NA	NA
Crane, black-necked		<i>Grus nigricollis</i>	China (Tibet)	do.	E	15	NA	NA
Crane, Cuba sandhill		<i>Grus canadensis nesiotis</i>	West Indies: Cuba	do.	E	15	NA	NA
Crane, hooded		<i>Grus monacha</i>	Japan, U.S.S.R.	do.	E	4	NA	NA
Crane, Japanese		<i>Grus japonensis</i>	China, Japan, Korea, U.S.S.R.	do.	E	3	NA	NA
Crane, Mississippi sandhill		<i>Grus canadensis pulla</i>	U.S.A. (MS)	do.	E	6	17.95(b)	NA
Crane, Siberian white		<i>Grus leucogeranus</i>	U.S.S.R. (Siberia) to India, including Iran and China	do.	E	4	NA	NA
Crane, white-naped		<i>Grus vipio</i>	Mongolia	do.	E	15	NA	NA
Crane, whooping		<i>Grus americana</i>	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico	do.	E	1, 3	17.95(b)	NA
Creeper, Hawaii		<i>Oreomystis</i> (= <i>Loxops</i>) <i>mana</i>	U.S.A. (HI)	do.	E	10	NA	NA
Creeper, Molokai (= kakawahie)		<i>Paroreomyza</i> (= <i>Oreomystis</i> , = <i>Loxops</i>) <i>flammea</i>	do.	do.	E	2	NA	NA
Creeper, Oahu (= alauwahio)		<i>Paroreomyza</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>)	do.	do.	E	1	NA	NA
Crow, Mariana		<i>Corvus kubaryi</i>	Western Pacific Ocean: U.S.A. (Guam, Rota)	do.	E	156	NA	NA
Crow, white-necked		<i>Corvus leucognathus</i>	U.S.A. (PR), Dominican Republic, Haiti	do.	E	419	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

Curllew, 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). U.S.A. (WA, OR, MN, WI, MI). Entire	E	1, 34	NA	NA
Do	do.....	do.....	do.....	T	34	NA	17.41(a)
Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i>	Greenland and adjacent Atlantic islands.	do.....	E	15	NA	NA
Eagle, harpy	<i>Harpia harpyja</i>	Mexico south to Argentina	do.....	E	15	NA	NA
Eagle, Philippine (=monkey-eating)	<i>Pithecophaga jefferyi</i>	Philippines	do.....	E	3	NA	NA
Eagle, Spanish imperial	<i>Aquila heliaca adalberti</i>	Spain, Morocco, Algeria	do.....	E	3	NA	NA
Egret, Chinese	<i>Egretta euphotes</i>	China, Korea	do.....	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	NA	17.95(b)
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.	Wherever found in wild in the conterminous 48 States. Entire	E(S/A)	145	NA	NA
Finch, Laysan (honeycreeper)	<i>Telespyza</i> (= <i>Psittirostra</i>) <i>cantans</i>	U.S.A. (HI)	do.....	E	1	NA	NA
Finch, Nihoa (honeycreeper)	<i>Telespyza</i> (= <i>Psittirostra</i>) <i>ultima</i>	do.....	do.....	E	1	NA	NA
Flycatcher, Euler's	<i>Empidonax euleri johnstonel</i>	West Indies: Grenada	do.....	E	3	NA	NA
Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Indian Ocean: Seychelles	do.....	E	3	NA	NA
Flycatcher, Tahiti	<i>Pomarea nigra</i>	South Pacific Ocean: Tahiti	do.....	E	3	NA	NA
Fody, Seychelles (weaver-finch)	<i>Foudia sechellarum</i>	Indian Ocean: Seychelles	do.....	E	3	NA	NA
Frigatebird, Andrew's	<i>Fregata andrewsi</i>	East Indian Ocean	do.....	E	15	NA	NA
Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	U.S.A. (AK, CA, OR, WA), Japan	do.....	T	1, 3, 410	NA	NA
Goose, Hawaiian (=nene)	<i>Nesochen</i> (= <i>Branta</i>) <i>sandvicensis</i>	U.S.A. (HI)	do.....	E	1	NA	NA
Goshawk, Christmas Island	<i>Accipiter fasciatus natalis</i>	Indian Ocean: Christmas Island	do.....	E	3	NA	NA
Grackle, slender-billed	<i>Quiscalus</i> (= <i>Cassidix</i>) <i>palustris</i>	Mexico	do.....	E	3	NA	NA
Grasswren, Eyrean (flycatcher)	<i>Amytornis goideri</i>	Australia	do.....	E	3	NA	NA
Grebe, Altian	<i>Podilymbus gigas</i>	Guatemala	do.....	E	3	NA	NA
Greenshank, Nordmann's	<i>Tringa guttifer</i>	U.S.S.R., Japan, south to Malaya, Borneo.	do.....	E	15	NA	NA
Guan, horned	<i>Oreophaps derbianus</i>	Guatemala, Mexico	do.....	E	3	NA	NA
Guan, white-winged	<i>Penelope albipennis</i>	Peru	do.....	E	401	NA	NA
Gull, Audouin's	<i>Larus audouinii</i>	Mediterranean Sea	do.....	E	3	NA	NA
Gull, relict	<i>Larus relictus</i>	India, China	do.....	E	15	NA	NA
Hawk, Anjouan Island sparrow	<i>Accipiter francesii pusillus</i>	Indian Ocean: Comoro Islands	do.....	E	3	NA	NA
Hawk, Galapagos	<i>Buteo galapagoensis</i>	Ecuador (Galapagos Islands)	do.....	E	3	NA	NA
Hawk, Hawaiian (=lo)	<i>Buteo solitarius</i>	U.S.A. (HI)	do.....	E	1	NA	NA
Hermit, hook-billed (hummingbird)	<i>Glaucis</i> (= <i>Ramphodon</i>) <i>dohrnii</i>	Brazil	do.....	E	15	NA	NA

Species		Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
Honeycreeper, crested (= 'akohekohe)			<i>Palmeria dolei</i>	U.S.A. (HI)	do.	E	1	NA	NA
Honeyeater, helmeted			<i>Meliphaga cassidix</i>	Australia	do.	E	4	NA	NA
Hornbill, helmeted			<i>Rhinoplax vigil</i>	Thailand, Malaysia	do.	E	15	NA	NA
Ibis, Japanese crested			<i>Nipponia nippon</i>	China, Japan, U.S.S.R., Korea	do.	E	3	NA	NA
Ibis, northern bald			<i>Geronticus eremita</i>	Southern Europe, southwestern Asia, northern Africa	do.	E	401	NA	NA
Jay, Florida scrub			<i>Aphelocoma coerulescens coerulescens</i>	U.S.A. (FL)	do.	T	267	NA	NA
Kagu			<i>Rhynochetos jubatus</i>	South Pacific Ocean: New Caledonia	do.	E	3	NA	NA
Kakapo (= owl-parrot)			<i>Strigops habroptilus</i>	New Zealand	do.	E	3	NA	NA
Kestrel, Mauritius			<i>Falco punctatus</i>	Indian Ocean: Mauritius	do.	E	3	NA	NA
Kestrel, Seychelles			<i>Falco araea</i>	Indian Ocean: Seychelles Islands	do.	E	3	NA	NA
Kingfisher, Guam Micronesian			<i>Halcyon cinnamomina cinnamomina</i>	West Pacific Ocean: U.S.A. (Guam)	do.	E	156	NA	NA
Kite, Cuba hook-billed			<i>Chondrohierax uncinatus wilsonii</i>	West Indies: Cuba	do.	E	3	NA	NA
Kite, Everglade snail			<i>Rostrhamus sociabilis plumbeus</i>	U.S.A. (FL), Cuba	Florida	E	1	17.95(b)	NA
Kite, Grenada hook-billed			<i>Chondrohierax uncinatus mirus</i>	West Indies: Grenada	Entire	E	3	NA	NA
Kokako (wattlebird)			<i>Callaeas cinerea</i>	New Zealand	do.	E	3	NA	NA
Macaw, glaucous			<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	do.	E	15	NA	NA
Macaw, indigo			<i>Anodorhynchus leari</i>	Brazil	do.	E	15	NA	NA
Macaw, little blue			<i>Cyanopsitta spixii</i>	do.	do.	E	15	NA	NA
Magpie-robin, Seychelles (thrush)			<i>Copsychus sechelliarum</i>	Indian Ocean: Seychelles Islands	do.	E	3	NA	NA
Malkoha, red-faced (cuckoo)			<i>Phaenicophaeus pyrrhocephalus</i>	Sri Lanka (= Ceylon)	do.	E	3	NA	NA
Mallard, Mariana			<i>Anas ostatelei</i>	West Pacific Ocean: U.S.A. (Guam, Mariana Islands)	do.	E	23	NA	NA
Megapode, Maleo			<i>Macrocephalon maleo</i>	Indonesia (Celebes)	do.	E	3	NA	NA
Megapode, Micronesian (= La Perouse's)			<i>Megapodius laperouse</i>	West Pacific Ocean: U.S.A. (Palau Island, Mariana Islands)	do.	E	3	NA	NA
Millerbird, Nihoa (old world warbler)			<i>Acrocephalus familiaris kingi</i>	U.S.A. (HI)	do.	E	1	NA	NA
Monarch, Tinian (old world flycatcher)			<i>Monarcha takatsukasae</i>	West Pacific Ocean: U.S.A. (Mariana Islands)	do.	T	3, 261	NA	NA
Moorhen (= gallinule), Hawaiian common			<i>Gallinula chloropus sandvicensis</i>	U.S.A. (HI)	do.	E	1	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
Nightjar (= whip-poor-will), Puerto Rican			<i>Caprimulgus noctitherus</i>	U.S.A. (PR)	do.	E	6	NA	NA
Nukupu'u (honeycreeper)			<i>Hemignathus lucidus</i>	U.S.A. (HI)	do.	E	1, 2	NA	NA
'O'o, Kauai (= 'O'o 'A'a) (honeyeater)			<i>Moho braccatus</i>	do.	do.	E	1	NA	NA
Ostrich, Arabian			<i>Struthio camelus syriacus</i>	Jordan, Saudi Arabia	do.	E	3	NA	NA
Ostrich, West African			<i>Struthio camelus spatzi</i>	Spanish Sahara	do.	E	3	NA	NA
'O'u (honeycreeper)			<i>Psittirostra psittaceae</i>	U.S.A. (HI)	do.	E	1	NA	NA
Owl, Anjouan scops			<i>Otus rutilus capnoides</i>	Indian Ocean: Comoro Island	do.	E	3	NA	NA
Owl, giant scops			<i>Otus gurneyi</i>	Philippines: Marinduque and Mindanao Island	do.	E	15	NA	NA
Owl, Madagascar red			<i>Tyto soumagnei</i>	Madagascar	do.	E	401	NA	NA
Owl, northern spotted			<i>Strix occidentalis caurina</i>	U.S.A. (CA, OR, WA), British Columbia	do.	T	393	NA	NA
Owl, Seychelles			<i>Otus insularis</i>	Indian Ocean: Seychelles Islands	do.	E	3	NA	NA
Owlet, Morden's (= Sokoke)			<i>Otus irenae</i>	Kenya	do.	E	3	NA	NA
Pallia (honeycreeper)			<i>Loxioides (= Psittirostra) balleui</i>	U.S.A. (HI)	do.	E	1	17.95(b)	NA
Parakeet, Forbes'			<i>Cyanoramphus anticeps forbesi</i>	New Zealand	do.	E	3, 15	NA	NA
Parakeet, golden			<i>Aratinga guarouba</i>	Brazil	do.	E	4	NA	NA
Parakeet, golden-shouldered (= hooded)			<i>Psephotus chrysopterygius</i>	Australia	do.	E	3	NA	NA

Parakeet, Mauritius.....	<i>Psittacula echo</i>	Indian Ocean: Mauritius.....	do.....	E	3	NA
Parakeet, Norfolk Island.....	<i>Cyanoramphus novaezealandiae cookii</i>	Australia (Norfolk Island).....	do.....	E	401	NA
Parakeet, ochre-marked.....	<i>Pyrrhura cruentata</i>	Brazil.....	do.....	E	3	NA
Parakeet, orange-bellied.....	<i>Neophema chrysogaster</i>	Australia.....	do.....	E	4	NA
Parakeet, paradise (= beautiful).....	<i>Psephotus pulcherrimus</i>	do.....	do.....	E	4	NA
Parakeet, scarlet-chested (= splendid).....	<i>Neophema splendida</i>	do.....	do.....	E	4	NA
Parakeet, turquoise.....	<i>Neophema pulchella</i>	do.....	do.....	E	3	NA
Parrot, Australian.....	<i>Geopsittacus occidentalis</i>	do.....	do.....	E	3	NA
Parrot, Bahaman or Cuban.....	<i>Amazona leucocephala</i>	West Indies: Cuba, Bahamas, Caymans.....	do.....	E	3, 15	NA
Parrot, ground.....	<i>Pezoporus wallicus</i>	Australia.....	do.....	E	6	NA
Parrot, imperial.....	<i>Amazona imperialis</i>	West Indies: Dominica.....	do.....	E	3	NA
Parrot, Puerto Rican.....	<i>Amazona vittata</i>	U.S.A. (PR).....	do.....	E	1	NA
Parrot, red-browed.....	<i>Amazona rhodocorytha</i>	Brazil.....	do.....	E	3	NA
Parrot, red-capped.....	<i>Pionopsitta pileata</i>	do.....	do.....	E	15	NA
Parrot, red-necked.....	<i>Amazona arausiaca</i>	West Indies: Dominica.....	do.....	E	50	NA
Parrot, red-tailed.....	<i>Amazona pretrei pretrei</i>	Brazil, Argentina.....	do.....	E	15	NA
Parrot, St. Lucia.....	<i>Amazona versicolor</i>	Brazil.....	do.....	E	401	NA
Parrot, St. Vincent.....	<i>Amazona guildingii</i>	West Indies: St. Lucia.....	do.....	E	3	NA
Parrot, thick-billed.....	<i>Rhynchopsitta pacyrhyncha</i>	West Indies: St. Vincent.....	do.....	E	3	NA
Parrot, vinaceous-breasted.....	<i>Amazona vinacea</i>	Mexico, U.S.A. (AZ, NM).....	Mexico.....	E	3	NA
Parrotbill, Maui (honeycreeper).....	<i>Pseudonestor xanthophrys</i>	Brazil.....	Entire.....	E	15	NA
Pelican, brown.....	<i>Pelecanus occidentalis</i>	U.S.A. (HI).....	do.....	E	1	NA
		U.S.A. (Carolinas to TX, CA), West Indies, C. and S. America: Coastal.....	Entire, except U.S. Atlantic coast, FL, AL.....	E	2, 3, 171	NA
Penguin, Galapagos.....	<i>Spheniscus mendiculus</i>	Ecuador (Galapagos Islands).....	Entire.....	E	3	NA
Petrel, Hawaiian dark-rumped.....	<i>Pterodroma phaeopygia sandwicensis</i>	U.S.A. (HI).....	do.....	E	2, 4, 1	NA
Pheasant, bar-tailed.....	<i>Symaticus humale</i>	Burma, China.....	do.....	E	3	NA
Pheasant, Blyth's tragopan.....	<i>Tragopan blythii</i>	Burma, China, India.....	do.....	E	3	NA
Pheasant, brown eared.....	<i>Crossoptilon mantchuricum</i>	China.....	do.....	E	3	NA
Pheasant, Cabot's tragopan.....	<i>Tragopan caboti</i>	do.....	do.....	E	3	NA
Pheasant, cheer.....	<i>Catreus wallichii</i>	India, Nepal, Pakistan.....	do.....	E	401	NA
Pheasant, Chinese monal.....	<i>Lophophorus lhuysii</i>	China.....	do.....	E	3	NA
Pheasant, Edward's.....	<i>Lophura edwardsi</i>	Vietnam.....	do.....	E	3	NA
Pheasant, Elliot's.....	<i>Symaticus ellioti</i>	China.....	do.....	E	15	NA
Pheasant, imperial.....	<i>Lophura imperialis</i>	Vietnam.....	do.....	E	3	NA
Pheasant, Mikado.....	<i>Symaticus mikado</i>	Taiwan.....	do.....	E	3	NA
Pheasant, Palawan peacock.....	<i>Polyplectron emphanum</i>	Philippines.....	do.....	E	3	NA
Pheasant, Slater's monal.....	<i>Lophophorus slateri</i>	Burma, China, India.....	do.....	E	3	NA
Pheasant, Swinhoe's.....	<i>Lophura swinhoii</i>	Taiwan.....	do.....	E	3	NA
Pheasant, western tragopan.....	<i>Tragopan melanoccephalus</i>	India, Pakistan.....	do.....	E	3	NA
Pheasant, white eared.....	<i>Crossoptilon crossoptilon</i>	China (Tibet), India.....	do.....	E	4	NA
Pigeon, Azores wood.....	<i>Columba palumbus azorica</i>	East Atlantic Ocean: Azores.....	do.....	E	3	NA
Pigeon, Chatham Island.....	<i>Hemiphaga novaeseelandiae chathamensis</i>	New Zealand.....	do.....	E	3	NA
Pigeon, Mindoro zone-tailed.....	<i>Ducula mindorensis</i>	Philippines.....	do.....	E	15	NA
Pigeon, Puerto Rican plain.....	<i>Columba inornata wetmorei</i>	U.S.A. (PR).....	do.....	E	2	NA
Piping-guan, black-fronted.....	<i>Pipile jaculunga</i>	Argentina.....	do.....	E	15	NA
Pitta, Koch's.....	<i>Pitta kochi</i>	Philippines.....	do.....	E	15	NA
Plover, New Zealand shore.....	<i>Thinornis novaeseelandiae</i>	New Zealand.....	do.....	E	3	NA
Plover, piping.....	<i>Charadrius melodus</i>	U.S.A. (Great Lakes, northern Great Plains, Atlantic and Gulf coasts, PR VI), Canada, Mexico, Bahamas, West Indies.....	Great Lakes watershed in States of IL, IN, MI, MN, NY, OH, PA, and WI and Province of Ontario.....	E	211	NA

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
Common name	Do							
Do	Do	do	do	Entire, except those areas where listed as endangered above.	T	211	NA	NA
Po'ouli (honeycreeper)		<i>Melamprosops 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 mocino</i>	Mexico to Panama	do	E	15	NA	NA
Rail, Auckland 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)	Entire, except Rota	E	146E, 156	NA	NA
Do	Do	do	do	Rota	XN	371	NA	17.84(f)
Rail, light-footed clapper		<i>Rallus longirostris levipes</i>	U.S.A. (CA), Mexico (Baja California)	U.S.A. only	E	2	NA	NA
Rail, Lord Howe wood		<i>Tricholimnas sylvestris</i>	Australia (Lord Howe Island)	Entire	E	15	NA	NA
Rail, Yuma clapper		<i>Rallus longirostris yumanensis</i>	Mexico, U.S.A. (AZ, CA)	U.S.A. only	E	1	NA	NA
Rhea, Darwin's		<i>Pterocnemia pennata</i>	Argentina, Bolivia, Peru, Uruguay	Entire	E	3	NA	NA
Robin, Chatham Island		<i>Petroica traversi</i>	New Zealand	do	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	do	E	3	NA	NA
Rockfowl, white-necked		<i>Picathartes gymnocephalus</i>	Africa: Togo to Sierra Leone	do	E	3	NA	NA
Roller, long-tailed ground		<i>Uratelornis chimera</i>	Malagasy Republic (= Madagascar)	do	E	3	NA	NA
Scrub-bird, noisy		<i>Atrichornis clamosus</i>	Australia	do	E	3	NA	NA
Shama, Cebu black (thrush)		<i>Copsychus niger cebuensis</i>	Philippines	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. (HI)	do	T	10	NA	NA
Shrike, San Clemente loggerhead		<i>Lanius ludovicianus mearnsi</i>	U.S.A. (CA)	do	E	26	NA	NA
Siskin, red		<i>Carduelis</i> (= <i>Spinus</i>) <i>cucullata</i>	South America	do	E	15	NA	NA
Sparrow, Cape Sable seaside		<i>Ammodramus</i> (= <i>Ammospiza</i>) <i>manitimus mirabilis</i>	U.S.A. (FL)	do	E	1	17.95(b)	NA
Sparrow, dusky seaside		<i>Ammodramus</i> (= <i>Ammospiza</i>) <i>manitimus nigrescens</i>	do	do	E	1	17.95(b)	NA
Sparrow, Florida grasshopper		<i>Ammodramus savannarum floridanus</i>	do	do	E	239	NA	NA
Sparrow, San Clemente sage		<i>Amphispiza belli clementee</i>	U.S.A. (CA)	do	T	26	NA	NA
Starling, Ponape mountain		<i>Aplonis pelzelni</i>	West Pacific Ocean: Federated States of Micronesia	do	E	3	NA	NA
Starling, Rothschild's (myna)		<i>Leucopsar rothschildi</i>	Indonesia (Bali)	do	E	3	NA	NA
Stilt, Hawaiian (= Ae'o)		<i>Himantopus mexicanus</i> (= <i>himantopus knudseni</i>)	U.S.A. (Hawaii)	do	E	2	NA	NA
Stork, oriental white		<i>Ciconia ciconia boyciana</i>	China, Japan, Korea, U.S.S.R.	do	E	3	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)	E	142	NA	NA
Swiftlet, Mariana gray (= Vanikoro)		<i>Aerodramus</i> (= <i>Collocalia</i>) <i>vanikorensis bartschi</i>	Western Pacific Ocean: U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan)	Entire	E	156	NA	NA
Teal, Campbell Island flightless		<i>Anas aucklandica nestotis</i>	New Zealand (Campbell Island)	do	E	15	NA	NA
Tern, California least		<i>Sterna antillarum</i> (= <i>albilrons</i>) <i>browni</i>	Mexico, U.S.A. (CA)	do	E	2, 3	NA	NA

Tern, least	<i>Sterna antillarum</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 tribs. N of Baton Rouge), MS (Miss. R.), MO, MT, NE, NM, ND, OK, SD, TN, TX (Except within 50 miles of coast)] U.S.A. (Atlantic Coast south to NC), Canada (NF, NS, QU), Bermuda.. Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered..	E	182	NA	NA
Tern, roseate	<i>Sterna dougalii dougalii</i>	Tropical and temperate coasts of Atlantic Basin and East Africa..	do	E	296	NA	NA
Do	do	do	do	T	296	NA	NA
Thrasher, white-breasted	<i>Ramphocinclus brachyurus</i>	West Indies: St. Lucia, Martinique	Entire	E	3	NA	NA
Thrush, large Kauai	<i>Myadestes (=Phaeornis) myadestinus</i>	U.S.A. (HI)	do	E	2	NA	NA
Thrush, Molokai (=oloma'o)	<i>Myadestes (=Phaeornis) lanaiensis (=obscurus) rutha</i>	do	do	E	2	NA	NA
Thrush, New Zealand (wattlebird)	<i>Turnagra capensis</i>	New Zealand	do	E	3	NA	NA
Thrush, small Kauai (=puatohi)	<i>Myadestes (=Phaeornis) palmeri</i>	U.S.A. (HI)	do	E	1	NA	NA
Tinamou, solitary	<i>Tinamus solitarius</i>	Brazil, Paraguay, Argentina	do	E	15	NA	NA
Towhee, Inyo California (=brown)	<i>Pipilo crissalis (=fuscus) eremophilus</i>	U.S.A. (CA)	do	T	282	17.95(b)	NA
Trembler, Martinique (thrasher)	<i>Cincloertheria ruficauda gutturalis</i>	West Indies: Martinique	do	E	3	NA	NA
Vireo, black-capped	<i>Vireo atricapillus</i>	U.S.A. (KS, LA, NE, OK, TX), Mexico	do	E	294	NA	NA
Vireo, least Bell's	<i>Vireo bellii pusillus</i>	U.S.A. (CA), Mexico	do	E	228	NA	NA
Wanderer, plain (collared-hemipode)	<i>Pedionomus torquatus</i>	Australia	do	E	6	NA	NA
Warbler (wood), Bachman's	<i>Vermivora bachmani</i>	U.S.A. (Southeastern), Cuba	do	E	1, 3	NA	NA
Warbler (wood), golden-cheeked	<i>Dendroica chrysoparia</i>	U.S.A. (TX), Mexico, Guatemala, Honduras, Nicaragua, Belize	do	E	387E, 411	NA	NA
Warbler (wood), Barbados yellow	<i>Dendroica petechia petechia</i>	West Indies: Barbados	do	E	3	NA	NA
Warbler (wood), Kirtland's	<i>Dendroica kirtlandii</i>	U.S.A. (principally MI), Canada, West Indies: Bahama Islands	do	E	1, 3	NA	NA
Warbler (old world), nightingale reed	<i>Acrocephalus luscini</i>	Western Pacific Ocean	U.S.A. (Mariana Islands)	E	3, 4	NA	NA
Warbler (old world), Rodrigues	<i>Bebrornis rodericanus</i>	Mauritius (Rodrigues Islands)	Entire	E	3	NA	NA
Warbler (wood), Semper's	<i>Leucopoeza semperi</i>	West Indies: St. Lucia	do	E	3	NA	NA
Warbler (old world), Seychelles	<i>Bebrornis sechellensis</i>	Indian Ocean: Seychelles Island	do	E	3	NA	NA
Whipbird, Western	<i>Psophodes nigrogularis</i>	Australia	do	E	3	NA	NA
White-eye, bridled	<i>Zosterops conspiciatilis conspiciatilis</i>	Western Pacific Ocean: U.S.A. (Guam)	do	E	156	NA	NA
White-eye, Norfolk Island	<i>Zosterops albogularis</i>	Indian Ocean: Norfolk Islands	do	E	15	NA	NA
White-eye, Ponape greater	<i>Rukia longirostra (=santfordi)</i>	West Pacific Ocean: Federated States of Micronesia	do	E	3	NA	NA
White-eye, Seychelles	<i>Zosterops modesta</i>	Indian Ocean: Seychelles	do	E	3	NA	NA
Woodpecker, imperial	<i>Campephilus imperialis</i>	Mexico	do	E	3	NA	NA
Woodpecker, ivory-billed	<i>Campephilus principalis</i>	U.S.A. (southeastern and southeastern), Cuba	do	E	1, 3	NA	NA
Woodpecker, red-cockaded	<i>Picoides (=Dendrocopos) borealis</i>	U.S.A. (southeastern and southeastern)	do	E	2	NA	NA
Woodpecker, Tristram's	<i>Dryocopus javensis richardsi</i>	Korea	do	E	3	NA	NA
Wren, Guadeloupe house	<i>Troglodytes aedon guadeloupensis</i>	West Indies: Guadeloupe	do	E	3	NA	NA
Wren, St. Lucia house	<i>Troglodytes aedon mesoleucus</i>	West Indies: St. Lucia	do	E	3	NA	NA

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
Common name								
REPTILES								
Alligator, American		<i>Alligator mississippiensis</i>	Southeastern U.S.A.	do	T(S/A)	1, 11, 20, 47, 51, 60, 113, 134, 186, 269	NA	17.42(a)
Alligator, Chinese		<i>Alligator sinensis</i>	China	do	E	15	NA	NA
Anole, Culebra Island giant		<i>Anolis roosevelti</i>	U.S.A. (PR: Culebra Island)	do	E	25	17.95(c)	NA
Boa, Jamaican		<i>Epicrates subflavus</i>	Jamaica	do	E	3	NA	NA
Boa, Mona		<i>Epicrates monensis monensis</i>	U.S.A. (PR)	do	T	33	17.95(c)	NA
Boa, Puerto Rican		<i>Epicrates inornatus</i>	do	do	E	2	NA	NA
Boa, Round Island [no common name]		<i>Casarea dussumieri</i>	Indian Ocean: Mauritius	do	E	88	NA	NA
Boa, Round Island [no common name]		<i>Bolyeria multocarinata</i>	do	do	E	88	NA	NA
Boa, Virgin Islands tree		<i>Epicrates monensis granti</i>	U.S. and British Virgin Islands	do	E	2, 86	NA	NA
Caiman, Apaporis River		<i>Caiman crocodilus apaporiensis</i>	Colombia	do	E	15	NA	NA
Caiman, black		<i>Melanosuchus niger</i>	Amazon basin	do	E	15	NA	NA
Caiman, broad-snouted		<i>Caiman latirostris</i>	Brazil, Argentina, Paraguay, Uruguay	do	E	15	NA	NA
Caiman, Yacare		<i>Caiman crocodilus yacare</i>	Bolivia, Argentina, Peru, Brazil	do	E	3	NA	NA
Chuckwalla, San Esteban Island		<i>Sauromalus varius</i>	Mexico	do	E	88	NA	NA
Crocodile, African dwarf		<i>Osteolaemus tetraspis tetraspis</i>	West Africa	do	E	15	NA	NA
Crocodile, African slender-snouted		<i>Crocodylus cataphractus</i>	Western and central Africa	do	E	5	NA	NA
Crocodile, American		<i>Crocodylus acutus</i>	U.S.A. (FL), Mexico, South America, Central America, Caribbean	do	E	10, 87	17.95(c)	NA
Crocodile, Ceylon mugger		<i>Crocodylus palustris kimbula</i>	Sri Lanka	do	E	15	NA	NA
Crocodile, Congo dwarf		<i>Osteolaemus tetraspis osborni</i>	Congo River drainage	do	E	15	NA	NA
Crocodile, Cuban		<i>Crocodylus rhombifer</i>	Cuba	do	E	3	NA	NA
Crocodile, Morelet's		<i>Crocodylus moreletii</i>	Mexico, Belize, Guatemala	do	E	3	NA	NA
Crocodile, mugger		<i>Crocodylus palustris palustris</i>	India, Pakistan, Iran, Bangladesh	do	E	15	NA	NA
Crocodile, Nile		<i>Crocodylus niloticus</i>	Africa, Middle East	Entire, except populations in Zimbabwe	E	3, 334	NA	NA
Do		do	do	Zimbabwe	T	3, 334	NA	17.42(c)
Crocodile, Orinoco		<i>Crocodylus intermedius</i>	South America: Orinoco River Basin	Entire	E	3	NA	NA
Crocodile, Philippine		<i>Crocodylus novaeguineae mindorensis</i>	Philippine Islands	do	E	15	NA	NA
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
Gaviat (= gharial)		<i>Gavialis gangeticus</i>	Pakistan, Burma, Bangladesh, India, Nepal	do	E	3, 15	NA	NA
Gecko, day		<i>Phelsuma edwardnewtoni</i>	Indian Ocean: Mauritius	do	E	3	NA	NA
Gecko, Monito		<i>Sphaerodactylus micropithecus</i>	U.S.A. (PR)	do	E	125	17.95(c)	NA
Gecko, Round Island day		<i>Phelsuma guentheri</i>	Indian Ocean: Mauritius	do	E	3	NA	NA
Gecko, Serpent Island		<i>Cyrtodactylus serpensinsula</i>	do	do	T	129	NA	NA
Iguana, Acklins ground		<i>Cyclura rileyi nuchalis</i>	West Indies: Bahamas	do	T	129	NA	NA
Iguana, Allen's Cay		<i>Cyclura cychlura inornata</i>	do	do	T	129	NA	NA
Iguana, Andros Island ground		<i>Cyclura cychlura cychlura</i>	do	do	T	129	NA	NA
Iguana, Anegada ground		<i>Cyclura pinguis</i>	West Indies: British Virgin Islands (Anegada Island)	do	E	3	NA	NA
Iguana, Barrington land		<i>Conolophus pallidus</i>	Ecuador (Galapagos Islands)	do	E	3	NA	NA

Iguana, Cayman Brac ground	<i>Cyclura nubiola caymanensis</i>	West Indies: Cayman Islands.	do	T	129	NA
Iguana, Cuban ground	<i>Cyclura nubiola nubiola</i>	Cuba	Entire (excluding population introduced in Puerto Rico).	T	129	NA
Iguana, Exuma Island	<i>Cyclura cychlura figginsii</i>	West Indies: Bahamas.	Entire	T	129	NA
Iguana, Fiji banded.	<i>Brachylophus fasciatus</i>	Pacific: Fiji, Tonga	do	E	88	NA
Iguana, Fiji crested.	<i>Brachylophus vittatus</i>	Pacific: Fiji	do	E	88	NA
Iguana, Grand Cayman ground	<i>Cyclura nubiola lewisi</i>	West Indies: Cayman Islands.	do	E	129	NA
Iguana, Jamaican	<i>Cyclura collei</i>	West Indies: Jamaica	do	E	129	NA
Iguana, Mayaguana	<i>Cyclura carinata bartschi</i>	West Indies: Bahamas	do	E	129	NA
Iguana, Mona ground	<i>Cyclura stejnegeri</i>	West Indies: (PR: Mona Island)	do	T	33	17.95(c)
Iguana, Turks and Caicos	<i>Cyclura carinata carinata</i>	U.S.A. (PR: Turks and Caicos Islands)	do	T	129	NA
Iguana, Watling Island ground	<i>Cyclura rileyi rileyi</i>	West Indies: Bahamas	do	E	129	NA
Iguana, White Cay ground	<i>Cyclura rileyi cristata</i>	do	do	T	129	NA
Lizard, blunt-nosed leopard	<i>Gambelia (= Crotaphytus) silus</i>	U.S.A. (CA)	do	E	1	NA
Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	do	do	T	105	17.95(c)
Lizard, Hierro giant	<i>Gallotia simonyi simonyi</i>	Spain (Canary Islands)	do	E	144	NA
Lizard, Ibiza wall	<i>Podarcis pityusensis</i>	Spain (Balearic Islands)	do	T	144	NA
Lizard, Island night	<i>Xantusia (= Klauberina) riversiana</i>	U.S.A. (CA)	do	T	26	NA
Lizard, St. Croix ground	<i>Ameiva polops</i>	U.S.A. (VI)	do	E	24	17.95(c)
Monitor, Bengal	<i>Varanus bengalensis</i>	Iran, Iraq, India, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand	do	E	15	NA
Monitor, desert	<i>Varanus griseus</i>	North Africa to Neareast, Caspian Sea through U.S.S.R. to Pakistan, North-west India.	do	E	15	NA
Monitor, Komodo Island	<i>Varanus komodoensis</i>	Indonesia (Komodo, Rintja, Padar, and western Flores Island).	do	E	15	NA
Monitor, yellow	<i>Varanus flavescens</i>	West Pakistan through India to Bangladesh.	do	E	15	NA
Python, Indian	<i>Python molurus molurus</i>	Sri Lanka and India	do	E	15	NA
Rattlesnake, Aruba Island	<i>Crotalus unicolor</i>	Aruba Island (Netherland Antilles)	do	T	129	NA
Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	U.S.A. (NM), Mexico	do	T	43	17.95(c)
Skink, blue-tailed mole	<i>Eumeces egregius lividus</i>	U.S.A. (FL)	do	T	299	17.42(d)
Skink, Round Island	<i>Leiolopisma telfairi</i>	Indian Ocean: Mauritius	do	T	129	NA
Skink, sand	<i>Neoseps reynoldsi</i>	U.S.A. (FL)	do	T	299	17.42(d)
Snake, Atlantic salt marsh	<i>Nerodia fasciata taeniata</i>	do	do	T	30	NA
Snake, Concho water	<i>Nerodia harteri paucimaculata</i>	U.S.A. (TX)	do	T	241	NA
Snake, eastern indigo	<i>Drymarchon corais couperi</i>	U.S.A. (AL, FL, GA, MS, SC)	do	T	32	NA
Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	U.S.A. (CA)	do	E	1	NA
Tartaruga	<i>Podocnemis expansa</i>	South America: Orinoco and Amazon River basins.	do	E	3	NA
Terrapin, river (= Tuntong)	<i>Batagur baska</i>	Malaysia, Bangladesh, Burma, India, Indonesia.	do	E	3	NA
Tomistoma	<i>Tomistoma schlegelii</i>	Malaysia, Indonesia	do	E	15	NA
Tortoise, angulated	<i>Geochelone yniphora</i>	Madagasy Republic (= Madagascar)	do	E	15	NA
Tortoise, Bolson	<i>Gopherus flavomarginatus</i>	Mexico	do	E	46	NA
Tortoise, desert	<i>Gopherus (= Xerobates, = Scaptoche-lys) agassizii</i>	U.S.A. (AZ, CA, NV, UT), Mexico	Entire, except AZ south and east of the Colorado River, and Mexico.	T	103, 357E, 378	17.95(c)

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta- tus	When listed	Critical habitat	Special rules
Common name								
Do	Do	Do	do	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	3	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	281	NA	NA
Tortoise, radiated		<i>Geochelone</i> (= <i>Testudo</i>) <i>radiata</i>	Malagasy Republic (= Madagascar)	Entire	E	3	NA	NA
Tracaja		<i>Podocnemis unifilis</i>	South America: Orinoco and Amazon River basins.	do	E	3	NA	NA
Tuatara		<i>Sphenodon punctatus</i>	New Zealand	do	E	3	NA	NA
Turtle, Alabama red-bellied		<i>Pseudemys alabamensis</i>	U.S.A. (AL)	do	E	278	NA	NA
Turtle, aquatic box		<i>Terrapene coahuila</i>	Mexico	do	E	6	NA	NA
Turtle, black softshell		<i>Trionyx nigricans</i>	Bangladesh	do	E	15	NA	NA
Turtle, Burmese peacock		<i>Morenia ocellata</i>	Burma	do	E	15	NA	NA
Turtle, Central American river		<i>Dermatemys mawii</i>	Mexico, Belize, Guatemala	do	E	129	NA	NA
Turtle, Cuatro Ciénegas softshell		<i>Trionyx ater</i>	Mexico	do	E	15	NA	NA
Turtle, flattened musk		<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>agassizi</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.
Do	Do	Do	do	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>	Tropical seas	Entire	E	3	17.95(c)	222.41
Turtle, Indian sawback		<i>Kachuga tecta tecta</i>	India	do	E	15	NA	NA
Turtle, Indian softshell		<i>Trionyx gangeticus</i>	Pakistan, India	do	E	15	NA	NA
Turtle, Kemp's (= Atlantic) ridley sea		<i>Lepidochelys kempii</i>	Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico.	do	E	4	NA	222.41
Turtle, leatherback sea		<i>Dermochelys coriacea</i>	Tropical, temperate, and subpolar seas..	do	E	3	17.95(c), 226.71	222.41
Turtle, loggerhead sea		<i>Caretta caretta</i>	Circumglobal in tropical and temperate seas and oceans.	do	T	42	NA	17.42(b) and Parts 220 and 227.

Turtle, olive (Pacific) ridley sea.....	<i>Lepidochelys olivacea</i>	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.
Do.....	do.....	do.....	Breeding colony populations on Pacific coast of Mexico.	E	42	NA	222.41
Turtle, peacock softshell.....	<i>Trionyx hurum</i>	India, Bangladesh.....	Entire.....	E	15	NA	NA
Turtle, Plymouth red-bellied.....	<i>Pseudemys</i> (= <i>Chrysemys</i>) <i>rubriventris bangsi</i>	U.S.A. (MA).....	do.....	E	90	17.95(c)	NA
Turtle, ringed sawback.....	<i>Graptemys oculifera</i>	U.S.A. (LA, MS).....	do.....	T	250	NA	NA
Turtle, short-necked or western swamp.....	<i>Pseudemys dura umbra</i>	Australia.....	do.....	E	3	NA	NA
Turtle, spotted pond.....	<i>Geoclemys</i> (= <i>Damonina</i>) <i>hamiltonii</i>	North India, Pakistan.....	do.....	E	15	NA	NA
Turtle, three-keeled Asian.....	<i>Melanochelys</i> (= <i>Geoemyda</i> , = <i>Nicoria</i>) <i>incarinata</i>	Central India to Bangladesh and Burma.....	do.....	E	15	NA	NA
Turtle, yellow-blotched map (= saw-back).	<i>Graptemys flavimaculata</i>	U.S.A. (MS).....	do.....	T	416	NA	NA
Viper, Lar Valley.....	<i>Vipera latitii</i>	Iran.....	do.....	E	129	NA	NA
AMPHIBIANS							
Coqui, golden.....	<i>Eleutherodactylus jasperi</i>	U.S.A. (PR).....	do.....	T	29	17.95(d)	NA
Frog, Israel painted.....	<i>Discoglossus nigriventer</i>	Israel.....	do.....	E	3	NA	NA
Frog, Panamanian golden.....	<i>Atelopus varius zeteki</i>	Panama.....	do.....	E	15	NA	NA
Frog, Stephen Island.....	<i>Leiopelma hamiltoni</i>	New Zealand.....	do.....	E	3	NA	NA
Salamander, Cheat Mountain.....	<i>Plethodon nettingi</i>	U.S.A. (WV).....	do.....	T	358	NA	NA
Salamander, Chinese giant.....	<i>Andrias davidianus davidianus</i>	Western China.....	do.....	E	15	NA	NA
Salamander, desert slender.....	<i>Batrachoseps aridus</i>	U.S.A. (CA).....	do.....	E	6	NA	NA
Salamander, Japanese giant.....	<i>Andrias davidianus japonicus</i>	Japan.....	do.....	E	15	NA	NA
Salamander, Red Hills.....	<i>Phaeognathus hubrichti</i>	U.S.A. (AL).....	do.....	E	19	NA	NA
Salamander, San Marcos.....	<i>Eurycea nana</i>	U.S.A. (TX).....	do.....	T	98	17.95(d)	17.43(a)
Salamander, Santa Cruz long-toed.....	<i>Ambystoma macrodactylum croceum</i>	U.S.A. (CA).....	do.....	E	1	NA	NA
Salamander, Shenandoah.....	<i>Plethodon shenandoah</i>	U.S.A. (VA).....	do.....	E	358	NA	NA
Salamander, Texas blind.....	<i>Typhlomolge rathbuni</i>	U.S.A. (TX).....	do.....	E	1	NA	NA
Toad, African viviparous.....	<i>Nectophrynoides</i> spp.....	Tanzania, Guinea, Ivory Coast, Cameroon, Liberia, Ethiopia.....	do.....	E	15	NA	NA
Toad, Cameroon.....	<i>Bufo superciliosus</i>	Equatorial Africa.....	do.....	E	15	NA	NA
Toad, Houston.....	<i>Bufo houstonensis</i>	U.S.A. (TX).....	do.....	E	2	17.95(d)	NA
Toad, Monte Verde.....	<i>Bufo periglenes</i>	Costa Rica.....	do.....	E	15	NA	NA
Toad, Puerto Rican crested.....	<i>Peltophyne lemur</i>	U.S.A. (PR), British Virgin Islands.....	do.....	T	283	NA	NA
Toad, Wyoming.....	<i>Bufo hemiophrys baxteri</i>	U.S.A. (WY).....	do.....	E	138	NA	NA
FISHES							
Ala Balik (trout).....	<i>Salmo platycephalus</i>	Turkey.....	do.....	E	3	NA	NA
Ayumodoki (loach).....	<i>Hymenophysa</i> (= <i>Botia</i>) <i>curta</i>	Japan.....	do.....	E	3	NA	NA
Blindcat, Mexican (catfish).....	<i>Prietella phreatophila</i>	Mexico.....	do.....	E	3	NA	NA
Bonytongue, Asian.....	<i>Scleropages formosus</i>	Thailand, Indonesia, Malaysia.....	do.....	E	15	NA	NA
Catfish [no common name].....	<i>Pangasius sanitwongsei</i>	Thailand.....	do.....	E	3	NA	NA
Catfish, giant.....	<i>Pangasianodon gigas</i>	do.....	do.....	E	3	NA	NA
Catfish, Yaqui.....	<i>Ictalurus pteci</i>	U.S.A. (AZ), Mexico.....	do.....	T	157	17.95(e)	17.44(g)
Cavefish, Alabama.....	<i>Speoplatyrhinus poulsoni</i>	U.S.A. (AL).....	do.....	E	28, 328	17.95(e)	NA
Cavefish, Ozark.....	<i>Amblyopsis rosae</i>	U.S.A. (AR, MO, OK).....	do.....	T	164	NA	NA
Chub, bonytail.....	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY).....	do.....	E	92	NA	NA
Chub, Borax Lake.....	<i>Gila boraxobius</i>	U.S.A. (OR).....	do.....	E	124	17.95(e)	NA
Chub, Chihuahua.....	<i>Gila nigrescens</i>	U.S.A. (NM), Mexico (Chihuahua).....	do.....	E	132	NA	17.44(g)
Chub, humpback.....	<i>Gila cypha</i>	U.S.A. (AZ, CO, UT, WY).....	do.....	T	1	NA	NA
Chub, Hutton tui.....	<i>Gila bicolor</i> ssp.....	U.S.A. (OR).....	do.....	E	174	NA	17.44(i)
Chub, Mohave tui.....	<i>Gila bicolor mohavensis</i>	U.S.A. (CA).....	do.....	T	2	NA	NA

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Sta- tus	When listed	Critical habitat	Special rules
Common name								
Chub, Owens tui.....		<i>Gila bicolor snyderi</i>	do.....	do.....	E	195	17.95(e)	NA
Chub, Pahrnatag roundtail (= bonytail).....		<i>Gila robusta jordani</i>	U.S.A. (NV).....	do.....	E	2	NA	NA
Chub, slender.....		<i>Erimystax (= Hybopsis) cahni</i>	U.S.A. (TN, VA).....	do.....	T	28	17.95(e)	17.44(c)
Chub, Sonora.....		<i>Gila ditaenia</i>	U.S.A. (AZ), Mexico.....	do.....	T	227	17.95(e)	17.44(o)
Chub, spotfin.....		<i>Cyprinella (= Hybopsis) monacha</i>	U.S.A. (AL, GA, NC, TN, VA).....	do.....	T	28	17.95(e)	17.44(c)
Chub, Virgin River.....		<i>Gila robusta semidnuda</i>	U.S.A. (AZ, NV, UT).....	do.....	E	361	NA	NA
Chub, Yaqui.....		<i>Gila purpurea</i>	U.S.A. (AZ), Mexico.....	do.....	E	157	17.95(e)	NA
Cicek (minnow).....		<i>Acanthorutilus handlirshi</i>	Turkey.....	do.....	E	3	NA	NA
Cui-ui.....		<i>Chasmistes cujus</i>	U.S.A. (NV).....	do.....	E	1	NA	NA
Dace, Ash Meadows speckled.....		<i>Rhinichthys osculus nevadensis</i>	do.....	do.....	E	117E, 127E, 130	17.95(e)	NA
Dace, blackside.....		<i>Phoxinus cumberlandensis</i>	U.S.A. (TN, KY).....	do.....	T	273	NA	NA
Dace, Clover Valley speckled.....		<i>Rhinichthys osculus oligoporus</i>	U.S.A. (NV).....	do.....	E	370	NA	NA
Dace, desert.....		<i>Eremichthys acros</i>	U.S.A. (NV).....	do.....	T	1, 2D, 210	17.95(e)	17.44(m)
Dace, Fosskett speckled.....		<i>Rhinichthys osculus ssp.</i>	U.S.A. (OR).....	do.....	T	174	NA	17.44(j)
Dace, Independence Valley speckled.....		<i>Rhinichthys osculus lethoporus</i>	U.S.A. (NV).....	do.....	E	370, 372	NA	NA
Dace, Kendall Warm Springs.....		<i>Rhinichthys osculus thermalis</i>	U.S.A. (WY).....	do.....	E	2	NA	NA
Dace, Moapa.....		<i>Moapa coriacea</i>	U.S.A. (NV).....	do.....	E	1	NA	NA
Darter, amber.....		<i>Percina antesella</i>	U.S.A. (GA, TN).....	do.....	E	196	17.95(e)	NA
Darter, bayou.....		<i>Etheostoma rubrum</i>	U.S.A. (MS).....	do.....	E	10	NA	17.44(b)
Darter, boulder (= Elk River).....		<i>Etheostoma wapiti</i>	U.S.A. (TN, AL).....	do.....	E	322	NA	NA
Darter, fountain.....		<i>Etheostoma fonticola</i>	U.S.A. (TX).....	do.....	E	2	17.95(e)	NA
Darter, leopard.....		<i>Percina pantherina</i>	U.S.A. (AR, OK).....	do.....	T	31	17.95(e)	17.44(d)
Darter, Maryland.....		<i>Etheostoma sellare</i>	U.S.A. (MD).....	do.....	E	1	17.95(e)	NA
Darter, Niangua.....		<i>Etheostoma nianguae</i>	U.S.A. (MO).....	do.....	T	185	17.95(e)	17.44(k)
Darter, Okaloosa.....		<i>Etheostoma okaloosae</i>	U.S.A. (FL).....	do.....	E	6	NA	NA
Darter, slackwater.....		<i>Etheostoma boschungii</i>	U.S.A. (AL, TN).....	do.....	T	28	17.95(e)	17.44(c)
Darter, snail.....		<i>Percina tanasi</i>	U.S.A. (AL, GA, TN).....	do.....	T	12, 150	NA	NA
Darter, watercress.....		<i>Etheostoma nuchale</i>	U.S.A. (AL).....	do.....	E	2	NA	NA
Gambusia, Big Bend.....		<i>Gambusia gaigei</i>	U.S.A. (TX).....	do.....	E	1	NA	NA
Gambusia, Clear Creek.....		<i>Gambusia heterochir</i>	do.....	do.....	E	1	NA	NA
Gambusia, Pecos.....		<i>Gambusia nobilis</i>	U.S.A. (NM, TX).....	do.....	E	2	NA	NA
Gambusia, San Marcos.....		<i>Gambusia georgel</i>	U.S.A. (TX).....	do.....	E	98	17.95(e)	NA
Killifish, Pahrump.....		<i>Empetrichthys latos</i>	U.S.A. (NV).....	do.....	E	1	NA	NA
Logperch, Conasauga.....		<i>Percina jenkinsi</i>	U.S.A. (GA, TN).....	do.....	E	196	17.95(e)	NA
Logperch, Roanoke.....		<i>Percina rex</i>	U.S.A. (VA).....	do.....	E	359	NA	NA
Madtom, Neosho.....		<i>Noturus placidus</i>	U.S.A. (KS, MO, OK).....	do.....	E	388	NA	NA
Madtom, Scioto.....		<i>Noturus trautmani</i>	U.S.A. (OH).....	do.....	E	10	NA	NA
Madtom, Smoky.....		<i>Noturus baileyi</i>	U.S.A. (TN).....	do.....	E	163	17.95(e)	NA
Madtom, yellowfin.....		<i>Noturus flavipinnis</i>	U.S.A. (TN, VA).....	do.....	T	28, 317	17.95(e)	17.44(c)
				Entire, except where listed as an experimental population below.				

Species		Scientific name	Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name								
Trout, Apache (= Arizona)		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>apache</i>	U.S.A. (AZ)	do	T	1, 8	NA	17.44(a)
Trout, Gila		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>gila</i>	U.S.A. (AZ, NM)	do	E	1	NA	NA
Trout, greenback cutthroat		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarki stonias</i>	U.S.A. (CO)	do	T	1, 38	NA	17.44(f)
Trout, Lahontan cutthroat		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarki henshawi</i>	U.S.A. (CA, NV, OR)	do	T	2, 8	NA	17.44(a)
Trout, Little Kern golden		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>aguabonita whitei</i>	U.S.A. (CA)	do	T	37	17.95(e)	17.44(e)
Trout, Paiute cutthroat		<i>Oncorhynchus</i> (= <i>Salmo</i>) <i>clarki seleniris</i>	do	do	T	1, 8	NA	17.44(a)
Woundfin		<i>Plagopterus argentissimus</i>	U.S.A. (AZ, NV, UT)	Entire, except Gila R. drainage, AZ, NM	E	2, 193	NA	NA
Do		do	do	Gila R. drainage AZ, NM	XN	193	NA	17.84(b)
SNAILS								
Shagreen, Magazine Mountain		<i>Mesodon magazinensis</i>	U.S.A. (AR)	NA	T	348	NA	NA
Snail, Chittenden ovate amber		<i>Succinea chittendenensis</i>	U.S.A. (NY)	NA	T	41	NA	NA
Snail, flat-spined three-toothed		<i>Triodopsis platysayoides</i>	U.S.A. (WV)	NA	T	41	NA	NA
Snail, Iowa Pleistocene		<i>Discus macclintocki</i>	U.S.A. (IA)	NA	E	41	NA	NA
Snail, Manus Island tree		<i>Papustyla pulcherrima</i>	Pacific Ocean: Admiralty Is. (Manus Is.)	NA	E	3	NA	NA
Snail, noonday		<i>Mesodon clarki nantahala</i>	U.S.A. (NC)	NA	T	41	NA	NA
Snail, Oahu tree		<i>Achatinella</i> spp. (all species)	U.S.A. (HI)	NA	E	108, 112	NA	NA
Snail, painted snake coiled forest		<i>Anguispira picta</i>	U.S.A. (TN)	NA	T	41	NA	NA
Snail, Stock Island tree		<i>Orthalicus reses</i> (not incl. <i>nesodryas</i>)	U.S.A. (FL)	NA	T	41	NA	NA
Snail, tulotoma (= Alabama live-bearing)		<i>Tulotoma magnifica</i>	U.S.A. (AL)	NA	E	412	NA	NA
Snail, Virginia fringed mountain		<i>Polygyriscus virginianus</i>	U.S.A. (VA)	NA	E	41	NA	NA
CLAMS								
Fanshell		<i>Oxyrogenia stegana</i> (= <i>irrorata</i>)	U.S.A. (AL, IL, IN, KY, OH, PA, TN, VA, WV)	NA	E	391	NA	NA
Fatmucket, Arkansas		<i>Lampsilis powelli</i>	U.S.A. (AR)	NA	T	382	NA	NA
Heelsplitter, inflated		<i>Potamilus inflatus</i>	U.S.A. (AL, LA, MS)	NA	T	404	NA	NA
Mussel, Cumberland pigtoe		<i>Pleurobema gibberum</i>	U.S.A. (TN)	NA	E	423	NA	NA
Mussel, Curtus		<i>Pleurobema curtum</i>	U.S.A. (AL, MS)	NA	E	262	NA	NA
Mussel, dwarf wedge		<i>Alasmidonia heterodon</i>	U.S.A. (CT, DC, DE, MA, MD, NC, NH, NJ, PA, VA, VT), Canada (NB)	NA	E	377	NA	NA
Mussel, Judge Tait's		<i>Pleurobema taitianum</i>	U.S.A. (AL, MS)	NA	E	262	NA	NA
Mussel, Marshall's		<i>Pleurobema marshalli</i>	do	NA	E	262	NA	NA
Mussel, penitent		<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>penita</i>	do	NA	E	262	NA	NA
Mussel, ring pink (= golf stick pearly)		<i>Obovaria retusa</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV)	NA	E	369	NA	NA
Mussel, winged mapleleaf		<i>Quadrula fragosa</i>	U.S.A. (WI, IL, MN, MO, OH, NE, TN, KY, IN, IA, OK)	NA	E	426	NA	NA
Pearlshell, Louisiana		<i>Margaritifera hembeli</i>	U.S.A. (LA)	NA	E	304	NA	NA
Pearly mussel, Alabama lamp		<i>Lampsilis virescens</i>	U.S.A. (AL, TN)	NA	E	15	NA	NA
Pearly mussel, Appalachian monkey-face		<i>Quadrula sparsa</i>	U.S.A. (TN, VA)	NA	E	15	NA	NA
Pearly mussel, birdwing		<i>Conradilla caelata</i>	do	NA	E	15	NA	NA
Pearly mussel, cracking		<i>Hemistena</i> (= <i>Lastena</i>) <i>lata</i>	U.S.A. (AL, IL, IN, KY, OH, TN, and VA)	NA	E	366	NA	NA

Pearly mussel, Cumberland bean.....	<i>Villosa</i> (= <i>Micromya</i>) <i>trabalis</i>	U.S.A. (KY, TN).....	NA	E	15	NA
Pearly mussel, Cumberland monkey-face.....	<i>Quadrula intermedia</i>	U.S.A. (AL, TN, VA).....	NA	E	15	NA
Pearly mussel, Curtis'	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>florentina curtsi</i>	U.S.A. (MO).....	NA	E	15	NA
Pearly mussel, dromedary	<i>Dromus dromas</i>	U.S.A. (TN, VA).....	NA	E	15	NA
Pearly mussel, green-blossom.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>torulosa gu-bernaculum</i>	do	NA	E	15	NA
Pearly mussel, Higgins' eye	<i>Lampsilis higginsi</i>	U.S.A. (IL, IA, MN, MO, NE, WI).....	NA	E	15	NA
Pearly mussel, little-wing	<i>Pegias fabula</i>	U.S.A. (AL, KY, NC, TN, VA).....	NA	E	342	NA
Pearly mussel, Nicklin's	<i>Megaloniais nicklineana</i>	Mexico	NA	E	15	NA
Pearly mussel (= pimple back), orange-footed.....	<i>Plethobasus cooperianus</i>	U.S.A. (AL, IN, IA, KY, OH, PA, TN)	NA	E	15	NA
Pearly mussel, pale liliuput.....	<i>Toxolasma</i> (= <i>Carunculina</i>) <i>cylindrellus</i>	U.S.A. (AL, TN)	NA	E	15	NA
Pearly mussel, pink mucket	<i>Lampsilis orbiculata</i>	U.S.A. (AL, IL, IN, KY, MO, OH, PA, TN, WV).....	NA	E	15	NA
Pearly mussel, purple cat's paw	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>obliquata obliquata</i> (= <i>E. sulcata sulcata</i>)	U.S.A. (AL, IL, IN, KY, OH, TN).....	NA	E	394	NA
Pearly mussel, Tampico	<i>Cyrtonaias umpiocensis tecomatensis</i>	Mexico	NA	E	15	NA
Pearly mussel, tubercled-blossom.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>torulosa torulosa</i>	U.S.A. (IL, IN, KY, TN, WV).....	NA	E	15	NA
Pearly mussel, turgid-blossom.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>turgidula</i>	U.S.A. (AL, TN).....	NA	E	15	NA
Pearly mussel, white cat's paw.....	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>sulcata deli-cata</i>	U.S.A. (IN, MI, OH).....	NA	E	15	NA
Pearly mussel, white wartyback.....	<i>Plethobasus cicatricosus</i>	U.S.A. (AL, IN, TN)	NA	E	15	NA
Pearly mussel, yellow-blossom	<i>Epioblasma</i> (= <i>Dysnomia</i>) <i>florentina florentina</i>	U.S.A. (AL, TN)	NA	E	15	NA
Pigtoe, fine-rayed	<i>Fusconaia cuneolus</i>	U.S.A. (AL, TN, VA).....	NA	E	15	NA
Pigtoe, rough	<i>Pleurobema plenum</i>	U.S.A. (IN, KY, TN, VA)	NA	E	15	NA
Pigtoe, shiny.....	<i>Fusconaia edgariana</i>	U.S.A. (AL, TN, VA).....	NA	E	15	NA
Pocketbook, fat.....	<i>Potamilus</i> (= <i>Proptera</i>) <i>capax</i>	U.S.A. (AR, IN, MO, OH)	NA	E	15	NA
Pocketbook, speckled.....	<i>Lampsilis streckeri</i>	U.S.A. (AR)	NA	E	345	NA
Riffle shell, tan.....	<i>Epioblasma walker</i>	U.S.A. (KY, TN, VA)	NA	E	27	NA
Spiny mussel, James River (= Virginia)	<i>Pleurobema</i> (= <i>Fusconaia</i> , = <i>Elliptio</i> , = <i>Canthynia</i>) <i>collina</i>	U.S.A. (VA, WV).....	NA	E	316	NA
Spiny mussel, Tar River	<i>Elliptio</i> (<i>Canthynia</i>) <i>steinstansana</i>	U.S.A. (NC).....	NA	E	188	NA
Stirrup shell	<i>Quadrula stapes</i>	U.S.A. (AL, MS)	NA	E	262	NA
CRUSTACEANS						
Amphipod, Hay's Spring	<i>Stygobromus havi</i>	U.S.A. (DC).....	NA	E	115	NA
Crayfish (no common name).....	<i>Cambarus zophonastes</i>	U.S.A. (AR)	NA	E	263	NA
Crayfish, Nashville	<i>Orconectes shoupi</i>	U.S.A. (TN)	NA	E	242	NA
Crayfish, Shasta (= placid)	<i>Pacifiastacus fortis</i>	U.S.A. (CA)	NA	E	337	NA
Isopod, Madison Cave	<i>Antrilana lira</i>	U.S.A. (VA)	NA	T	123	NA
Isopod, Socorro	<i>Thermosphaeroma</i> (= <i>Exosphaeroma</i>) <i>thermophilus</i>	U.S.A. (NM)	NA	E	36	17.46(a)
Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	U.S.A. (AL)	NA	E	323	NA
Shrimp, California freshwater	<i>Syncaris pacifica</i>	U.S.A. (CA)	NA	E	340	NA
Shrimp, Kentucky cave	<i>Palaemonias gantieri</i>	U.S.A. (KY)	NA	E	135	17.95(h)
Shrimp, Squirrel Chimney (= Florida) Cave.....	<i>Palaemonetes cummingsi</i>	U.S.A. (FL)	NA	T	390	NA
INSECTS						
Beetle, American burying (= Giant car- rion beetle).....	<i>Nicrophorus americanus</i>	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada.....	NA	E	351	NA
Beetle, delta green ground.....	<i>Elaphrus viridis</i>	U.S.A. (CA)	NA	T	100	17.95(i)
Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	U.S.A. (TX)	NA	E	327	NA
Beetle, northeastern beach tiger	<i>Cicindela dorsalis dorsalis</i>	U.S.A. (CT, MA, MD, NJ, NY, PA, RI, VA).....	NA	T	396	NA

Species		Historic range	Vertebrate population where endangered or threatened	Sta-tus	When listed	Critical habitat	Special rules
Common name	Scientific name						
Beetle, Puritan tiger.....	<i>Cicindela puritana</i>	U.S.A. (CT, MA, MD, NH, VT).....	NA.....	T	396	NA	NA
Beetle, Tooth Cave ground.....	<i>Rhadine persephone</i>	U.S.A. (TX).....	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 allyni</i>	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>Lycæides argyrognomon lotis</i>	do.....	NA.....	E	14	NA	NA
Butterfly, mission blue.....	<i>Icañcia icarioides missionensis</i>	do.....	NA.....	E	14	NA	NA
Butterfly, Mitchell's satyr.....	<i>Neonympha mitchelli mitchelli</i>	U.S.A. (IN, MI, NJ, OH).....	NA.....	E	NA	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>Glaucopsyche lygdamus palosverdesis</i>	U.S.A. (CA).....	NA.....	E	96	17.95(i)	NA
Butterfly, Queen Alexandra's birdwing.....	<i>Troides</i> (= <i>Ornithoptera</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>Heracles</i> (= <i>Papilio</i>) <i>aristodemus ponceanus</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
Butterfly, Uncompahgre fritillary.....	<i>Boloria acrocnema</i>	U.S.A. (CO).....	NA.....	E	427	NA	NA
Moth, Kern primrose sphinx.....	<i>Euprosepinus euterpe</i>	U.S.A. (CA).....	NA.....	T	91	NA	NA
Naucorid, Ash Meadows.....	<i>Ambrysus amargosus</i>	U.S.A. (NV).....	NA.....	T	181	17.95(i)	NA
Skipper, Pawnee montane.....	<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>Texella reddelli</i>	U.S.A. (TX).....	NA.....	E	327	NA	NA
Pseudoscorpion, Tooth Cave.....	<i>Microcreagris texana</i>	do.....	NA.....	E	327	NA	NA
Spider, Tooth Cave.....	<i>Leptoneta 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 16047; October 13, 1970.
- 3—35 FR 8495; June 2, 1970.
- 4—35 FR 18320; December 2, 1970.
- 5—37 FR 6176; 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 31736; 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, 1976.
- 14—41 FR 22044; June 1, 1976.
- 15—41 FR 24064; June 14, 1976.
- 15A—41 FR 26019; June 24, 1976.
- 18—41 FR 45993; October 19, 1976.
- 17—41 FR 51021; November 19, 1976.
- 18—41 FR 51612; November 23, 1976.
- 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.
- 26—42 FR 40685; 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.
- 36—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.
- 46—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.
- 88—44 FR 70877; 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.
- 96—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.
- 108—45 FR 65132; October 1, 1980.
- 108—46 FR 3178; January 13, 1981.
- 111—48 FR 11665; 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 31670; 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 1726; 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 46057; October 11, 1983.
- 134—48 FR 46336; October 12, 1983.
- 135—48 FR 46341; October 12, 1983.
- 136—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.
- 146—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 11189; April 7, 1987.
- 263—52 FR 11172; April 7, 1987.
- 265—52 FR 11288; April 8, 1987.
- 267—52 FR 20719; June 3, 1987.
- 268—52 FR 20999; June 3, 1987.
- 269—52 FR 21063; June 4, 1987.
- 272—52 FR 22430; June 11, 1987.
- 273—52 FR 22585; June 12, 1987.
- 278—52 FR 22943; June 16, 1987.
- 279—52 FR 23151; June 17, 1987.
- 280—52 FR 25232; July 6, 1987.
- 281—52 FR 25380; July 7, 1987.
- 282—52 FR 28785; August 3, 1987.
- 283—52 FR 28831; August 4, 1987.
- 284—52 FR 29780; August 11, 1987.
- 287—52 FR 35040; September 16, 1987.
- 288—52 FR 35378; September 18, 1987.
- 289—52 FR 36180; September 25, 1987.
- 290—52 FR 36038; September 25, 1987.
- 292—52 FR 36779; October 1, 1987.
- 294—52 FR 37423; October 6, 1987.
- 296—52 FR 42068; November 2, 1987.
- 299—52 FR 42662; November 6, 1987.
- 304—53 FR 3570; February 5, 1988.
- 312—53 FR 25611; July 8, 1988.
- 313—53 FR 27134; July 18, 1988.
- 316—53 FR 27693; July 22, 1988.
- 317—53 FR 29337; August 4, 1988.
- 320—53 FR 33992; September 1, 1988.
- 322—53 FR 33998; September 1, 1988.
- 323—53 FR 34698; September 7, 1988.
- 327—53 FR 36033; September 16, 1988.
- 328—53 FR 37970; September 28, 1988.
- 334—53 FR 38453; September 30, 1988.
- 336—53 FR 38460; September 30, 1988.
- 337—53 FR 38465; September 30, 1988.
- 338—53 FR 38469; September 30, 1988.
- 340—53 FR 43889; October 30, 1988.
- 342—53 FR 45885; November 14, 1988.
- 345—54 FR 8341; February 28, 1989.
- 348—54 FR 15208; April 17, 1989.
- 349—54 FR 20602; May 12, 1989.
- 350—54 FR 22906; May 30, 1989.
- 351—54 FR 29655; July 13, 1989.
- 357—54 FR 32331; August 4, 1989.
- 358—54 FR 34468; August 18, 1989.
- 359—54 FR 34472; August 18, 1989.
- 361—54 FR 35311; August 24, 1989.
- 364—54 FR 38951; September 21, 1989.
- 365—54 FR 39849; September 28, 1989.
- 366—54 FR 39853; September 28, 1989.
- 369—54 FR 40112; September 29, 1989.
- 370—54 FR 41453; October 10, 1989.
- 371—54 FR 43969; October 30, 1989.
- 372—54 FR 47861; November 17, 1989.
- 376—55 FR 9135; March 12, 1990.
- 377—55 FR 9451; March 14, 1990.
- 378—55 FR 12191; April 2, 1990.
- 382—55 FR 12801; April 5, 1990.
- 383—55 FR 12832; April 8, 1990.
- 384—55 FR 13488; April 10, 1990.
- 387—55 FR 18845; May 4, 1990.
- 388—55 FR 21153; May 22, 1990.
- 390—55 FR 25591; June 21, 1990.
- 391—55 FR 25595; June 21, 1990.
- 393—55 FR 26194; June 26, 1990.
- 394—55 FR 28213; July 10, 1990.
- 396—55 FR 32094; August 7, 1990.
- 399—55 FR 36647; September 6, 1990.
- 400—55 FR 39416; September 27, 1990.
- 401—55 FR 39860; September 28, 1990.
- 404—55 FR 39872; September 28, 1990.
- 405—55 FR 42966; October 25, 1990.
- 407—55 FR 49823; November 30, 1990.
- 408—55 FR 50006; December 4, 1990.
- 410—55 FR 51112; December 12, 1990.
- 411—55 FR 53160; December 27, 1990.
- 412—56 FR 800; January 9, 1991.

415—56 FR 1459; January 14, 1991.
 416—56 FR 1463; January 14, 1991.
 417—56 FR 1463; January 14, 1991.
 419—56 FR 13600; April 3, 1991.
 421—56 FR 19814; April 30, 1991.
 423—56 FR 21087; May 7, 1991.
 426—56 FR 28349; June 20, 1991.
 427—56 FR 28717; June 24, 1991.
 428—56 FR 28828; June 25, 1991.

[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.

§ 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		Common name	Historic range	Sta- tus	When listed	Critical habitat	Special rules
Scientific name							
Acanthaceae—Acanthus family: <i>Justicia cooley</i>		Cooley's water-willow	U.S.A. (FL)	E	356	NA	NA
Agavaceae—Agave family: <i>Agave arizonica</i>		Arizona agave	U.S.A. (AZ)	E	147	NA	NA
Alismataceae—Water-plantain family: <i>Sagittaria fasciculata</i>		Bunched arrowhead	U.S.A. (NC, SC)	E	53	NA	NA
<i>Sagittaria secundifolia</i>		Kra's water-plantain	U.S.A. (AL, GA)	T	386	NA	NA
Amaranthaceae—Amaranth family: <i>Achyranthes splendens</i> var. <i>rotundata</i>		None	U.S.A. (HI)	E	220	NA	NA
Anacardiaceae—Cashew family: <i>Rhus microchauxii</i>		Michaux's sumac	U.S.A. (NC, SC, GA)	E	367	NA	NA
Annonaceae—Custard-apple family: <i>Asimina tetramera</i>		Four-petal pawpaw	U.S.A. (FL)	E	244	NA	NA
<i>Deeringothamnus pulchellus</i>		Beautiful pawpaw	do	E	244	NA	NA
<i>Deeringothamnus rugelii</i>		Rugel's pawpaw	do	E	244	NA	NA
Apiaceae—Parsley family: <i>Eryngium constancei</i>		Loch Lomond coyote-thistle	U.S.A. (CA)	E	194E, 249	NA	NA
<i>Eryngium cuneifolium</i>		Snakeroot	U.S.A. (FL)	E	256	NA	NA
<i>Lomatium bradshawii</i>		Bradshaw's desert-parsley	U.S.A. (OR)	E	333	NA	NA
<i>Oxypolis canbyi</i>		Canby's dropwort	U.S.A. (DE, GA, MD, NC, SC)	E	217	NA	NA
<i>Ptilimnium nodosum</i> (= <i>P. fluviale</i>)		Harperella	U.S.A. (AL, GA, MD, NC, SC, WV)	E	332	NA	NA
Apocynaceae—Dogbane family: <i>Amsonia keameyana</i>		Kearney's blue-star	U.S.A. (AZ)	E	343	NA	NA
<i>Cycladenia humilis</i> var. <i>jonesii</i>		Jones cycladenia	U.S.A. (AZ, UT)	T	229	NA	NA
Aquifoliaceae—Holly family: <i>Ilex cookii</i>		Cook's holly	U.S.A. (PR)	E	277	NA	NA
Areaceae—Palm family: <i>Calyptrogonia nivalis</i>		Palma de manaca	do	T	375	NA	NA
Aristolochiaceae—Heartleaf family: <i>Hexastylis naniflora</i>		Dwarf-flowered heartleaf	U.S.A. (NC, SC)	T	347	NA	NA
Asclepiadaceae—Milkweed family: <i>Asclepias meadii</i>		Mead's milkweed	U.S.A. (IL, IN, IA, KS, MO, WI)	T	321	NA	NA
<i>Asclepias welshii</i>		Welsh's milkweed	U.S.A. (AZ, UT)	T	295	17.96(a)	NA
Aspleniaceae—Spleenwort family: <i>Phyllitis scolopendrium</i> var. <i>americana</i> (= <i>P. japonica</i> ssp. <i>americana</i>)		American hart's-tongue fern	U.S.A. (AL, MI, NY, TN), Canada (ON)	T	354	NA	NA
<i>Polystichum aleuticum</i>		Aleutian shield-fern (= Aleutian holly-fern)	U.S.A. (AK)	E	305	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
<i>Bidens cuneata</i>		Cuneate bidens	do	E	141	NA	NA
<i>Boltonia decurrens</i>		Decurrent false aster	U.S.A. (IL, MO)	T	341	NA	NA

Species		Common name	Historic range	Sta- tus	When listed	Critical habitat	Special rules
Scientific name	Species						
<i>Chrysopsis floridana</i> (= <i>Heterotheca</i> f.)		Florida golden aster	U.S.A. (FL).....	E	232	NA	NA
<i>Cirsium pitchei</i>		Pitcher's thistle	U.S.A. (IL, IN, MI, WI), Canada (ON). U.S.A. (NM).....	T	315	NA	NA
<i>Cirsium vinaceum</i>		Sacramento Mountains thistle	U.S.A. (TN).....	T	276	NA	NA
<i>Echinacea tennesseensis</i>		Tennessee purple coneflower	U.S.A. (UT).....	E	49	NA	NA
<i>Encelopsis 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 rhizomatus</i>		Zuni (= Rhizome) fleabane	U.S.A. (NM).....	T	177	NA	NA
<i>Grindelia fraxinopratensis</i>		Ash Meadows gumplant	U.S.A. (CA, NV).....	T	181	17.96(a)	NA
<i>Helianthus schweinitzii</i>		Schweinitz's sunflower	U.S.A. (NS, SC).....	E	424	NA	NA
<i>Hymenoxys acaulis</i> var. <i>glabra</i>		Lakeside daisy	U.S.A. (OH, IL) Canada (ON).....	T	310	NA	NA
<i>Hymenoxys texana</i>		Texas prairie dawn-flower (= Texas bitterweed)	U.S.A. (TX).....	E	218	NA	NA
<i>Lambertia congdonii</i>		San Joaquin wooly-threads	U.S.A. (CA).....	E	395	NA	NA
<i>Liatis helleri</i>		Heller's blazingstar	U.S.A. (NC).....	T	300	NA	NA
<i>Liatis 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>Ptyopsis ruthii</i> (= <i>Heterotheca</i> r., <i>Chrysopsis</i> r.)		Ruth's golden aster	U.S.A. (TN).....	E	191	NA	NA
<i>Remya kauaiensis</i>		None	U.S.A. (HI).....	E	413	NA	NA
<i>Remya mauianensis</i>		Maui remya	do.....	E	413	NA	NA
<i>Remya montgomeryi</i>		None	do.....	E	413	NA	NA
<i>Senecio franciscanus</i>		San Francisco Peaks groundsel	U.S.A. (AZ).....	T	137	17.96(a)	NA
<i>Solidago albobilosa</i>		White-haired goldenrod	U.S.A. (KY).....	T	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 spithameae</i>		Blue Ridge goldenrod	U.S.A. (NC, TN).....	T	175	NA	NA
<i>Stephanomeria malheurensis</i>		Malheur wire-lettuce	U.S.A. (OR).....	E	126	17.96(a)	NA
<i>Thymophylla tephroleuca</i> (= <i>Dyssodia</i> t.)		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
Barberidaceae—Barberry family:		Truckee barberry	U.S.A. (CA).....	E	76	NA	NA
<i>Berberis sonnei</i> (= <i>Mahonia</i> s.)							
Betulaceae—Birch family:		Virginia round-leaf birch	U.S.A. (VA).....	E	39	NA	NA
<i>Betula uber</i>							
Bignoniaceae—Bignonia family:		Higuero de Sierra	U.S.A. (PR).....	E	301	NA	NA
<i>Crescentia portoricensis</i>							
Boraginaceae—Borage family:		Large-flowered fiddleneck	U.S.A. (CA).....	E	179	17.96(a)	NA
<i>Amsinckia grandiflora</i>							
Brassicaceae—Mustard family:		McDonald's rock-cress	do.....	E	44	NA	NA
<i>Arabis mcdonaldiana</i>		Shale barren rock-cress	U.S.A. (VA, WV).....	E	352	NA	NA
<i>Arabis serotina</i>		Small-anthered bittercress	U.S.A. (NC).....	E	363	NA	NA
<i>Cardamine micranthera</i>		California jewelflower	U.S.A. (CA).....	E	395	NA	NA
<i>Caulanthus californicus</i>		Contra Costa wallflower	do.....	E	39	17.96(a)	NA
<i>Erysimum capitatum</i> var. <i>angustatum</i>		Toad-flax cress	U.S.A. (UT).....	E	293	NA	NA
<i>Glaucoarapum suffrutescens</i>		Barney ridge-cress (= peppercress)	do.....	E	402	NA	NA
<i>Lepidium barnebyanum</i>		Dudley Bluffs bladderpod	U.S.A. (CO).....	T	374	NA	NA
<i>Lesquerella congesta</i>		Missouri bladderpod	U.S.A. (MO).....	T	253	NA	NA
<i>Lesquerella filiformis</i>		Lyrate bladderpod	U.S.A. (AL).....	T	403	NA	NA
<i>Lesquerella lyrata</i>		White bladderpod	U.S.A. (TX).....	E	260	NA	NA
<i>Lesquerella pallida</i>							

<i>Physaria obcordata</i>	Dudley Bluffs twinpod.....	U.S.A. (CO).....	T	374	NA
<i>Thelypodium stenopetalum</i>	Slender-petaled mustard.....	U.S.A. (CA).....	E	158	NA
<i>Warea amplexifolia</i>	Wide-leaf warea.....	U.S.A. (FL).....	E	266	NA
<i>Warea cartei</i>	Carter's mustard.....	do.....	E	256	NA
Buxaceae—Boxwood family:					
<i>Buxus vahlii</i>	Vahl's boxwood.....	U.S.A. (PR).....	E	197	NA
Cactaceae—Cactus family:					
<i>Ancistrocactus tobuschii</i> (= <i>Echinocactus t.</i> , <i>Mammillaria t.</i>).....	Tobusch fishhook cactus.....	U.S.A. (TX).....	E	80	NA
<i>Cereus eriophorus</i> var. <i>fragrans</i>	Fragrant prickly-apple.....	U.S.A. (FL).....	E	208	NA
<i>Cereus robinii</i>	Key tree-cactus.....	U.S.A. (FL), Cuba.....	E	153	NA
<i>Coryphantha minima</i> (= <i>C. nelli</i> , <i>Escobaria n.</i> , <i>Mammillaria n.</i>).....	Nellie cory cactus.....	U.S.A. (TX).....	E	81	NA
<i>Coryphantha ramillosa</i>	Bunched cory cactus.....	U.S.A. (TX), Mexico (Coahuila).....	T	77	NA
<i>Coryphantha robbinsorum</i> (= <i>Cochisea r.</i> , <i>Escobaria r.</i>).....	Cochise pincushion cactus.....	U.S.A. (AZ), Mexico (Sonora).....	T	214	NA
<i>Coryphantha sneedii</i> var. <i>leei</i> (= <i>Escobaria l.</i> , <i>Mammillaria l.</i>).....	Lee pincushion cactus.....	U.S.A. (NM).....	T	61	NA
<i>Coryphantha sneedii</i> var. <i>sneedii</i> (= <i>Escobaria s.</i> , <i>Mammillaria s.</i>).....	Sneed pincushion cactus.....	U.S.A. (TX, NM).....	E	82	NA
<i>Echinocactus horizontalis</i> var. <i>nicholii</i>	Nichol's Turk's head cactus.....	U.S.A. (AZ).....	E	71	NA
<i>Echinocereus 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
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i> (= <i>E. kuenzleri</i> , <i>E. hemphilli</i> of authors, not Fobe).....	Kuenzler hedgehog cactus.....	U.S.A. (NM).....	E	70	NA
<i>Echinocereus lloydii</i> (= <i>E. roetteri</i> var. <i>l.</i>).....	Lloyd's hedgehog cactus.....	U.S.A. (TX).....	E	67	NA
<i>Echinocereus reichenbachii</i> var. <i>albertii</i> (= <i>E. melanocentrus</i>).....	Black lace cactus.....	do.....	E	68	NA
<i>Echinocereus ingichidiatus</i> var. <i>arizonicus</i> (= <i>E. arizonicus</i>).....	Arizona hedgehog cactus.....	U.S.A. (AZ).....	E	62	NA
<i>Echinocereus ingichidiatus</i> var. <i>inermis</i> (= <i>E. coccineus</i> var. <i>i.</i> , <i>E. phoeniceus</i> var. <i>i.</i>).....	Spineless hedgehog cactus.....	U.S.A. (CO, UT).....	E	83	NA
<i>Echinocereus viridiflorus</i> var. <i>davisii</i> (= <i>E. davisii</i>).....	Davis' green pitaya.....	U.S.A. (TX).....	E	81	NA
<i>Harrisia</i> (= <i>Cereus</i>) <i>portoricensis</i>	Higo chumbo.....	U.S.A. (PR).....	T	397	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
<i>Opuntia teleseae</i>	Bakersfield cactus.....	U.S.A. (CA).....	E	395	NA
<i>Pediocactus bradyi</i> (= <i>Toumeyia b.</i>).....	Brady pincushion cactus.....	U.S.A. (AZ).....	E	63	NA
<i>Pediocactus despainii</i>	San Rafael cactus.....	U.S.A. (UT).....	E	286	NA
<i>Pediocactus knowltonii</i> (= <i>P. bradyi</i> var. <i>k.</i> , <i>Toumeyia k.</i>).....	Knowlton cactus.....	U.S.A. (NM, CO).....	E	72	NA
<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i> (= <i>Echinocactus p.</i> , <i>Navajoa p.</i> , <i>Toumeyia p.</i> , <i>Utahia p.</i>).....	Peebles Navajo cactus.....	U.S.A. (AZ).....	E	69	NA
<i>Pediocactus sileri</i> (= <i>Echinocactus s.</i> , <i>Utahia s.</i>).....	Siler pincushion cactus.....	U.S.A. (AZ, UT).....	E	64	NA
<i>Sclerocactus glaucus</i> (= <i>Echinocactus g.</i> , <i>E. subglaucus</i> , <i>E. whipplei</i> var. <i>g.</i> , <i>Pediocactus g.</i> , <i>S. franklinii</i> , <i>S. whipplei</i> var. <i>g.</i>).....	Uinta Basin hookless cactus.....	U.S.A. (CO, UT).....	T	59	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
<i>Sclerocactus wrightiae</i> (= <i>Pediocactus w.</i>).....	Wright fishhook cactus.....	U.S.A. (UT).....	E	58	NA
Caesalpinaceae—Cassia family:					
<i>Cassia mirabilis</i>	None.....	U.S.A. (PR).....	E	379	NA
Campanulaceae—Bellflower family:					
<i>Campanula robbinsiae</i>	Brooksville (= Robins') bellflower.....	U.S.A. (FL).....	E	356	NA
Caryophyllaceae—Pink family:					
<i>Arenaria cumberlandensis</i>	Cumberland sandwort.....	U.S.A. (KY, TN).....	E	311	NA
<i>Geocarpon minimum</i>	None.....	U.S.A. (AR, MO).....	T	275	NA
<i>Paronychia chartacea</i> (= <i>Nyachia pulvinata</i>).....	Papery whitlow-wort.....	U.S.A. (FL).....	T	256	NA
<i>Schiedea adamantis</i>	Diamond Head schiedea.....	U.S.A. (HI).....	E	141	NA
<i>Silene polypetala</i>	Fringed campion.....	U.S.A. (FL, GA).....	E	418	NA

Species		Common name	Historic range	Sta- tus	When listed	Critical habitat	Special rules
Scientific name	Species						
Chenopodiaceae—Goosefoot family: <i>Nitrophila mohavensis</i>		Amargosa niterwort	U.S.A. (CA)	E	181	17.96(a)	NA
Cistaceae—Rockrose family: <i>Hudsonia montana</i>		Mountain golden heather	U.S.A. (NC)	T	107	17.96(a)	NA
Convolvulaceae—Morning-glory family: <i>Bonamia grandiflora</i>		Florida bonamia	U.S.A. (FL)	T	297	NA	NA
Crassulaceae—Stonecrop family: <i>Dudleya traskiae</i>		Santa Barbara Island liveforever	U.S.A. (CA)	E	39	NA	NA
Cucurbitaceae—Gourd family: <i>Tumamoca macdougalii</i>		Tumamoc globe-berry	U.S.A. (AZ), Mexico (Sonora)	E	226	NA	NA
Cupressaceae—Cypress family: <i>Cupressus abramstiana</i>		Santa Cruz Cypress	U.S.A. (CA)	E	252	NA	NA
<i>Fitzroya cupressoides</i>		Chilean false larch (= alerce)	Chile, Argentina	T	79	NA	NA
Cyatheaceae—Tree-fern family: <i>Cyathea dryopteroides</i>		Elfin tree fern	U.S.A. (PR)	E	277	NA	NA
Cyperaceae—Sedge family: <i>Carex specuicola</i>		Navajo sedge	U.S.A. (AZ)	T	178	17.96(a)	NA
<i>Scirpus ancistrochaetus</i>		Northeastern bulrush (= Barbed bristle bulrush)	U.S.A. (VA, MD, WV, PA, NY, MA, VT)	E	425	NA	NA
Ericaceae—Heath family: <i>Arctostaphylos purgens</i> var. <i>ravenii</i> (= <i>A. hookeri</i> ssp. <i>r.</i>)		Presidio (= Raven's) manzanita	U.S.A. (CA)	E	65	NA	NA
<i>Rhododendron chapmanii</i>		Chapman rhododendron	U.S.A. (FL)	E	47	NA	NA
Euphorbiaceae—Spurge family: <i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i> (= <i>Euphorbia d.</i> spp. <i>d.</i>)		Deltoid spurge	do	E	192	NA	NA
<i>Chamaesyce garberi</i> (= <i>Euphorbia g.</i>)		Garber's spurgeNone	do	T	192	NA	NA
<i>Chamaesyce skottsbergii</i> var. <i>kalaebana</i> (= <i>Euphorbia s.</i> var. <i>k.</i>)		Ewa Plains 'akoko	U.S.A. (HI)	E	120	NA	NA
<i>Jatropha costaricensis</i>		Costa Rican jatropha	Costa Rica	E	154	NA	NA
Fabaceae—Pea family: <i>Amorpha crenulata</i>		Crenulate lead-plant	U.S.A. (FL)	E	192	NA	NA
<i>Apios priceana</i>		Price's Potato-bean	U.S.A. (AL, IL, KY, MS, TN)	T	373	NA	NA
<i>Asragalus crenophyllax</i> var. <i>cremophyllax</i>		Sentry milk-vetch	U.S.A. (AZ)	E	409	NA	NA
<i>Asragalus humillimus</i>		Mancos milk-vetch	U.S.A. (CO, NM)	E	187	NA	NA
<i>Asragalus montii</i> (= <i>A. limnocharis</i> var. <i>m.</i>)		Heliotrope milk-vetch	U.S.A. (UT)	T	298	17.96(a)	NA
<i>Asragalus osterhoutii</i>		Osterhout milk-vetch	U.S.A. (CO)	E	353	NA	NA
<i>Asragalus phoenix</i>		Ash Meadows milk-vetch	U.S.A. (NV)	T	181	17.96(a)	NA
<i>Asragalus robbinsii</i> var. <i>jesupi</i>		Jesup's milk-vetch	U.S.A. (NH, VT)	E	271	NA	NA
<i>Baptisia arachnifera</i>		Hairy rattlesweed	U.S.A. (GA)	E	39	NA	NA
<i>Caesalpinia kavaiense</i> (= <i>Mezoneuron k.</i>)		Uhiuhi	U.S.A. (HI)	E	238	NA	NA
<i>Cassia mirabilis</i>		None	U.S.A. (PR)	E	379	NA	NA
<i>Dalea foliosa</i> (= <i>Petalostemum foliosum</i>)		Leaty prairie-clover	U.S.A. (AL, IL, TN)	E	422	NA	NA
<i>Galactia smalii</i>		Small's milkpea	U.S.A. (FL)	E	192	NA	NA
<i>Hoffmannseggia tenella</i>		Slender rush-pea	U.S.A. (TX)	E	209	NA	NA

<i>Lespedeza leptostachya</i>	Prairie bush-clover.....	U.S.A. (IA, IL, MN, WI).....	T	254	NA	NA
<i>Lotus dendroideus</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	NA
<i>Oxytropis campestris</i> var. <i>chartacea</i>	Fassett's locoweed.....	U.S.A. (WI).....	T	329	NA	NA
<i>Senanthes 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.....	U.S.A. (AR, IL, IN, KS, KY, MO, OH, WV). U.S.A. (HI).....	T	380	NA	NA
<i>Tritolium stoloniferum</i>	Running buffalo clover.....	U.S.A. (TX).....	E	270	NA	NA
<i>Vicia menziesii</i>	Hawaiian vetch.....	U.S.A. (TX).....	E	39	NA	NA
Fagaceae—Oak family: <i>Quercus hinckleyi</i>	Hinckley's oak.....	U.S.A. (TX).....	T	318	NA	NA
Flacourtiaceae—Flacourtiaceae 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 namophilum</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 formosula</i>	North Park phacelia.....	U.S.A. (CO).....	E	121	NA	NA
Hypericaceae—St. Johns-Wort family: <i>Hypericum cumulicola</i>	Highlands scrub hypericum.....	U.S.A. (FL).....	E	256	NA	NA
Icacinaeae—Icacina family: <i>Ottoschulzia 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 thornmint.....	U.S.A. (CA).....	E	204	NA	NA
<i>Dicerandra christmanii</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>Dicerandra immaculata</i>	Lakela's mint.....	do.....	E	180	NA	NA
<i>Haplostachys haplostachya</i> var. <i>angustifolia</i>	None.....	U.S.A. (HI).....	E	73	NA	NA
<i>Hedeoma apiculatum</i>	McKittrick pennyroyal.....	U.S.A. (TX, NM).....	T	118	17.96(a)	NA
<i>Hedeoma todsenii</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

Species		Common name	Historic range	Sta- tus	When listed	Critical habitat	Special rules
Scientific name	Species						
<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
Lauraceae—Laurel family:							
<i>Lindera melissifolia</i>		Pondberry	U.S.A. (AL, AR, FL, GA, LA, MO, MS, NC, SC)	E	240	NA	NA
Liliaceae—Lily family:							
<i>Erythronium propallans</i>		Minnesota trout lily	U.S.A. (MN)	E	221	NA	NA
<i>Harporocalis flava</i>		Harper's beauty	U.S.A. (FL)	E	57	NA	NA
<i>Helonias bullata</i>		Swamp pink	U.S.A. (DE, GA, MD, NC, NJ, NY, SC, VA)	T	326	NA	NA
<i>Trillium persiciens</i>		Persistent trillium	U.S.A. (GA, SC)	E	39	NA	NA
<i>Trillium reliquum</i>		Relict trillium	U.S.A. (AL, GA, SC)	E	306	NA	NA
Loasaceae—Loasa family:							
<i>Mentzelia leucophylla</i>		Ash Meadows blazing-star	U.S.A. (NV)	T	181	17.96(a)	NA
Loganiaceae—Logania family:							
<i>Spigelia gentianoides</i>		Gentian pinkroot	U.S.A. (FL)	E	406	NA	NA
Malvaceae—Mallow family:							
<i>Abutilon menziesii</i>		Ko'olua'ula	U.S.A. (HI)	E	243	NA	NA
<i>Callirhoe scabriuscula</i>		Texas poppy-mallow	U.S.A. (TX)	E	109, 112	NA	NA
<i>Eremalche kernensis</i>		Kern mallow	U.S.A. (CA)	E	395	NA	NA
<i>Hibiscadelphus distans</i>		Kauai hau kuahiwi	U.S.A. (HI)	E	225	NA	NA
<i>Iliamna corei</i>		Peter's Mountain mallow	U.S.A. (VA)	E	230	NA	NA
<i>Kokia cookii</i>		Cooke's kokio	U.S.A. (HI)	E	74	NA	NA
<i>Kokia drynarioides</i>		Koki'o (= hau-hele'ula or Hawaii tree cotton)	do	E	167	17.96(a)	NA
<i>Malacothamnus clementinus</i>		San Clemente Island bush-mallow	U.S.A. (CA)	E	26	NA	NA
<i>Sidalcea pedata</i>		Pedate checker-mallow	do	E	158	NA	NA
Meliaceae—Mahogany family:							
<i>Trichilia triacantha</i>		Bariaco	U.S.A. (PR)	E	303	NA	NA
Nyctaginaceae—Four-o'clock family:							
<i>Abronia macrocarpa</i>		Large-fruited sand-verbena	U.S.A. (TX)	E	331	NA	NA
<i>Mirabilis macfarlanei</i>		MacFarlane's four-o'clock	U.S.A. (ID, OR)	E	66	NA	NA
Olacaceae—Olax family:							
<i>Schoepfia arenaria</i>		None	U.S.A. (PR)	T	420	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>		San Benito evening-primrose	U.S.A. (CA)	T	172	NA	NA
<i>Oenothera avita</i> ssp. <i>eurekensis</i>		Eureka Valley evening-primrose	do	E	39	NA	NA
<i>Oenothera deltoides</i> ssp. <i>howellii</i>		Antioch Dunes evening-primrose	do	E	39	17.96(a)	NA

Orchidaceae—Orchid family: <i>Isotria 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	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)	T	368	NA	NA
<i>Platanthera praeclara</i>	Western prairie fringed orchid	U.S.A. (IA, MN, MO, NE, ND, OK, KS, SD), Canada (MB), U.S.A. (TX)	T	368	NA	NA
<i>Spiranthes parksii</i>	Navasota ladies'-tresses	U.S.A. (TX)	E	116	NA	NA
Papaveraceae—Poppy family: <i>Arctomecon humilis</i>	Dwarf bear-poppy	U.S.A. (UT)	E	78	NA	NA
<i>Argemone pleiacantha</i> ssp. <i>pinnatifida</i>	Sacramento prickly-poppy	U.S.A. (NM)	E	360	NA	NA
Pinaceae—Pine family: <i>Abies guatemalensis</i>	Guatemalan fir (= pinabete)	Mexico, Guatemala, Honduras, El Salvador	T	84	NA	NA
Piperaceae—Pepper family: <i>Peperomia wheeleri</i>	Wheeler's peperomia	U.S.A. (PR)	E	255	NA	NA
Poaceae—Grass family: <i>Aristida portoricensis</i>	Pelos del diablo	do	E	398	NA	NA
<i>Panicum lauriei</i> var. <i>carteri</i>	Carter's panicgrass	U.S.A. (HI)	E	133	17.96(a)	NA
<i>Swallenia alexandrae</i>	Eureka Dune grass	U.S.A. (CA)	E	39	NA	NA
<i>Tuctoria mucronata</i> (= <i>Orcuttia m.</i>)	Solano grass	do	E	44	NA	NA
<i>Zizania texana</i>	Texas wild-rice	U.S.A. (TX)	E	39	17.96(a)	NA
Polemoniaceae—Phlox family: <i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woolly-star	U.S.A. (CA)	E	291	NA	NA
<i>Eriastrum hooveri</i>	Hoover's woolly-star	do	T	395	NA	NA
Polygalaceae—Milkwort family: <i>Polygala smallii</i>	Tiny polygala	U.S.A. (FL)	E	192	NA	NA
Polygonaceae—Buckwheat family: <i>Dodecatheira</i> (= <i>Centrostegia l.</i>) <i>leptoceras</i>	Slender-horned spinesflower	U.S.A. (CA)	E	291	NA	NA
<i>Eriogonum gypsophilum</i>	Gypsum wild-buckwheat	U.S.A. (NM)	T	110, 112	17.96(a)	NA
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	U.S.A. (NV)	E	237	NA	NA
<i>Eriogonum pelinophilum</i>	Clay-loving wild-buckwheat	U.S.A. (CO)	E	151	17.96(a)	NA
<i>Polygonella basiramia</i> (= <i>P. ciliata</i> var. <i>b.</i>)	Wireweed	U.S.A. (FL)	E	256	NA	NA
Primulaceae—Primrose family: <i>Lysimachia asperulaefolia</i>	Rough-leaved loosestrife	U.S.A. (NC, SC)	E	274	NA	NA
<i>Primula maguirei</i>	Maguire primrose	U.S.A. (UT)	T	199	NA	NA
Ranunculaceae—Buttercup family: <i>Aconitum noveboracense</i>	Northern wild monkshood	U.S.A. (IA, NY, OH, WI)	T	39	NA	NA
<i>Clematis socialis</i>	Alabama leather flower	U.S.A. (AL)	E	245	NA	NA
<i>Delphinium kinkense</i>	San Clemente Island larkspur	U.S.A. (CA)	E	26	NA	NA
<i>Ranunculus acris</i> var. <i>aestivalis</i> (= <i>R. acris</i> var. <i>aestivalis</i>)	Autumn buttercup	U.S.A. (UT)	E	355	NA	NA
<i>Thalictrum cooleyi</i>	Cooley's meadowrue	U.S.A. (NC, FL)	E	344	NA	NA

Species		Common name	Historic range	Sta- tus	When listed	Critical habitat	Special rules
Scientific name							
Rhamnaceae—Buckthorn family: <i>Gouania hillebrandii</i> <i>Ziziphus celata</i>		None Florida ziziphus	U.S.A. (HI) U.S.A. (FL)	E E	165 356	17.96(a) NA	NA NA
Rosaceae—Rose family: <i>Geum radiatum</i> <i>Ivesia kingii</i> var. <i>eremica</i> <i>Potentilla robbinsiana</i> <i>Prunus geniculata</i> <i>Purchia subintegra</i> (= <i>Cowania</i> s.) <i>Spiraea virginiana</i>		Spreading avens Ash Meadows ivesia Robbins' cinquefoil Scrub plum Arizona cliffrose Virginia spiraea	U.S.A. (NC, TN) U.S.A. (NV) U.S.A. (NH, VT) U.S.A. (FL) U.S.A. (AZ) U.S.A. (GA, KY, NC, PA, TN, VA, WV)	E T E E E T	381 181● 104 256 148 389	NA NA 17.96(a) 17.96(a) NA NA NA	NA NA NA NA NA NA
Rubiaceae—Coffee family: <i>Gardenia brighamii</i> <i>Hedyotis purpurea</i> var. <i>montana</i>		Na'u (Hawaiian gardenia) Roan Mountain bluet	U.S.A. (HI) U.S.A. (NC, TN)	E E	198 381	NA NA	NA NA
Rutaceae—Citrus family: <i>Zanthoxylum thomsonianum</i>		St. Thomas prickly-ash	U.S.A. (PR, VI)	E	213	NA	NA
Santalaceae—Sandalwood family: <i>Santalum freycinetianum</i> var. <i>lanaiense</i>		Lanai sandalwood or 'iliahi	U.S.A. (HI)	E	215	NA	NA
Sarraceniacae—Pitcher-plant family: <i>Sarracenia oreophila</i> <i>Sarracenia rubra</i> ssp. <i>alabamensis</i> (= <i>S. alabamensis</i> ssp. a.). <i>Sarracenia rubra</i> ssp. <i>jonesii</i> (= <i>S. jonesii</i>).....		Green pitcher-plant Alabama canebrake pitcher-plant Mountain sweet pitcher-plant	U.S.A. (AL, GA, TN) U.S.A. (AL) U.S.A. (NC, SC)	E E E	56, 89 346 339	NA NA NA	NA NA NA
Saxifragaceae—Saxifrage family: <i>Ribes echinellum</i>		Miccosukee gooseberry	U.S.A. (FL, SC)	T	190	NA	NA
Scrophulariaceae—Snapdragon family: <i>Agalinis acuta</i>		Sandplain gerardia	U.S.A. (CT, MA, MD, NY, RI)	E	325	NA	NA
<i>Amphianthus pusillus</i> <i>Castilleja grisea</i> <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>		Little amphianthus San Clemente Island Indian paintbrush Salt marsh bird's-beak	U.S.A. (AL, GA, SC) U.S.A. (CA) U.S.A. (CA), Mexico (Baja California)	T E E	302 26 44	NA NA NA	NA NA NA
<i>Cordylanthus palmatus</i> <i>Mimulus glabratus</i> var. <i>michiganensis</i> <i>Pedicularis furbishiae</i>		Palmate-bracted bird's-beak Michigan monkey-flower Furbish lousewort	U.S.A. (CA) U.S.A. (MI) U.S.A. (ME), Canada (NB)	E E E	235 392 39	NA NA NA	NA NA NA
<i>Penstemon haydenii</i> <i>Penstemon penlandii</i>		Blowout penstemon Penland beardtongue	U.S.A. (NE) U.S.A. (CO)	E E	285 353	NA NA	NA NA
Solanaceae—Nightshade family: <i>Goetzea elegans</i> <i>Solanum drymophilum</i>		Beautiful goetzea, matabuey Erubia	U.S.A. (PR)do	E E	176 319	NA NA	NA NA
Styracaceae—Styrax family: <i>Styrax texana</i>		Texas snowbells	U.S.A. (TX)	E	162	NA	NA
Taxaceae—Yew family: <i>Torreya taxifolia</i>		Florida torreya	U.S.A. (FL, GA)	E	140	NA	NA
Thymelaeaceae—Mezereum family: <i>Daphnopsis hellerana</i>		None	U.S.A. (PR)	E	309	NA	NA

Verbenaceae—Verbena family: <i>Cornutia obovata</i>	Palo de Nigua	U.S.A. (PR)	E	307	NA	NA
Violaceae—Violet family: <i>Isodendron hosakae</i>	Aupaka	U.S.A. (HI)	E	414	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.
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 47—44 FR 24250; April 24, 1979.
 49—44 FR 32605; June 6, 1979.
 53—44 FR 43701; July 25, 1979.
 58—44 FR 54923; September 21, 1979.
 57—44 FR 58863; October 2, 1979.
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 61—44 FR 61556; October 25, 1979.
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 64—44 FR 61788; October 26, 1979.
 65—44 FR 61911; October 26, 1979.
 68—44 FR 61913; October 26, 1979.
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 70—44 FR 61927; October 26, 1979.
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 89—45 FR 18929; March 24, 1980.
 104—45 FR 61944; September 17, 1980.
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 121—47 FR 38540; September 1, 1982.
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 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.
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 154—49 FR 30201; July 27, 1984.
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 167—49 FR 47400; December 4, 1984.
 168—49 FR 49639; December 21, 1984.
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 178—50 FR 19373; May 8, 1985.
 179—50 FR 19377; May 8, 1985.
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 231—51 FR 17974; May 16, 1986.
 232—51 FR 17977; May 16, 1986.
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 235—51 FR 23769; July 1, 1986.
 237—51 FR 24672; July 8, 1986.
 238—51 FR 24675; July 8, 1986.
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 243—51 FR 34415; September 26, 1986.
 244—51 FR 34419; September 26, 1986.
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 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.
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 260—52 FR 7426; March 11, 1987.
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 270—52 FR 21480; June 5, 1987.
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 286—52 FR 34917; September 16, 1987.
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 293—52 FR 37420; October 6, 1987.
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 298—52 FR 42657; November 6, 1987.
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 302—53 FR 3565; February 5, 1988.
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 310—53 FR 23745; June 23, 1988.
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 414—56 FR 1457; January 14, 1991.
 418—56 FR 1936; January 18, 1991.
 420—56 FR 16024; April 19, 1991.
 422—56 FR 19959; May 1, 1991.
 424—56 FR 21091; May 7, 1991.
 425—56 FR 21096; May 7, 1991.

[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 "diazi"</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 gramminea</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 swallow-tail.	<i>Heracilides (=Papilio) andraemon bonhotel</i>	U.S.A. (FL), Bahamas.....	NA.....	T	49 FR 34501-04; August 31, 1984.	Do.
Dove, Palau.....	<i>Gallicolumba canitrons</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).....	NA.....	T	54 FR 37941-43; September 14, 1989.	Recovered.
Cactus, purple-spined hedgehog.	<i>Echinocereus engelmannii</i> var. <i>purpureus</i>	do.....	NA.....	E	54 FR 48749-51; November 27, 1989.	Original data in error.
Sparrow, dusky seaside.....	<i>Ammodramus (=Ammodramus) maritimus mirabilis</i>	U.S.A. (FL).....	Entire.....	E	55 FR 51112-14; December 12, 1990.	Extinct.

