

**ENDANGERED AND THREATENED
WILDLIFE AND PLANTS**

50 CFR 17.11 & 17.12

(Current as of January 31, 1995)

Title 50--Wildlife and Fisheries

PART 17--ENDANGERED AND THREATENED WILDLIFE AND PLANTS

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Subpart B--Lists

Section 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 Section 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 Sections 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 62306233) 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 electronic reprint of 50 CFR 17.11 and 17.12 and is current as of the date shown at the top of this file. Minor changes and corrections to the October 1, 1994, compilation of 50 CFR have been incorporated in this reprint, 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 of the August 20, 1994, reprint are available from the Publications Unit, U.S. Fish and Wildlife Service, 130-WEBB, Washington, D.C. 20240.

Internet Access: The List of Endangered and Threatened Wildlife and Plants is available electronically using Internet E-Mail software. The Internet address for this information is:

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Retrieval commands (which must be entered on the "SUBJECT" line) are: "Send T&E List" (for an ASCII delimited file) and "Send T&E List WP" (for the WordPerfect version).

Special Reprint Symbols: To aid readers in comparing this list with previous republications and the last codification of Title 50, the Service has inserted symbols in front of certain entries. These symbols and their use are as follows:

+--entry has been added by a published rule since the August 31, 1994, Internet revision of the List; see the ``When Listed'' number for citation.

●--entry has been amended by a published rule; see the last ``When Listed'' number for citation.

These symbols are not included in the annual codification.

Species			Vertebrate population where	
Common name	Scientific name	Historic range	endangered or threatened	Status
Anoa, lowland	<i>Bubalus depressicornis</i> (=B. anoa depressicornis)	Indonesia	Entire	E
Anoa, mountain	<i>Bubalus quarlesi</i> (=B. anoa quarlesi)	Indonesia	Entire	E
Antelope, giant sable	<i>Hippotragus niger variati</i>	Angola	Entire	E
Argali	<i>Ovis ammon</i>	Afganistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan, Uzbekistan	Entire except Kyrgyzstan, Mongolia, and Tajikistan	E
Argali	<i>Ovis ammon</i>	Afganistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan, Uzbekistan	Kyrgyzstan, Mongolia, and Tajikistan	T
Armadillo, giant	<i>Priodontes maximus</i> (=giganteus)	Venezuela and Guyana to Argentina	Entire	E
Armadillo, pink fairy	<i>Chlamyphorus truncatus</i>	Argentina	Entire	E
Ass, African wild	<i>Equus asinus</i> (=africanus)	Somalia, Sudan, Ethiopia	Somalia, Sudan, Ethiopia	E
Ass, Asian wild	<i>Equus hemionus</i>	Southwestern and Central Asia	Entire	E
Avahi	<i>Avahi</i> (=Lichanotus) laniger (=entire genus)	Malagasy Republic (=Madagascar)	Entire	E
Aye-aye	<i>Daubentonia madagascariensis</i>	Malagasy Republic (=Madagascar)	Entire	E
Babirusa	<i>Babyrousa babyrussa</i>	Indonesia	Entire	E
Baboon, gelada	<i>Theropithecus gelada</i>	Ethiopia	Entire	T
Bandicoot, barred	<i>Perameles bougainville</i>	Australia	Entire	E
Bandicoot, desert	<i>Perameles eremiana</i>	Australia	Entire	E
Bandicoot, lesser rabbit	<i>Macrotis leucura</i>	Australia	Entire	E
Bandicoot, pig-footed	<i>Chaeropus ecaudatus</i>	Australia	Entire	E
Bandicoot, rabbit	<i>Macrotis lagotis</i>	Australia	Entire	E
Banteng	<i>Bos javanicus</i> (=banteng)	Southeast Asia	Entire	E
Bat, Bulmer's fruit (flying fox)	<i>Aproteles bulmerae</i>	Papua New Guinea	Entire	E
Bat, bumblebee	<i>Craseonycteris thonglongyai</i>	Thailand	Entire	E
Bat, gray	<i>Myotis grisescens</i>	Central and southeastern U.S.A.	Entire	E
Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	U.S.A. (HI)	Entire	E
Bat, Indiana	<i>Myotis sodalis</i>	Eastern and Midwestern U.S.A	Entire	E
Bat, lesser (=Sanborn's) long-nosed	<i>Leptonycteris curasoae</i> (=sanborni) yerbabuena	U.S.A. (AZ, NM), Mexico, Central America	Entire	E
Bat, little Mariana fruit	<i>Pteropus tokudae</i>	Western Pacific Ocean--U.S.A. (Guam)	Entire	E
Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	Western Pacific Ocean--U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan)	Guam	E
Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	U.S.A. (NM, TX), Mexico, Central America	Entire	E
Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	U.S.A. (MO, OK, AR)	Entire	E
Bat, Rodrigues fruit (flying fox)	<i>Pteropus rodricensis</i>	Indian Ocean--Rodrigues Island	Entire	E
Bat, Singapore roundleaf horseshoe	<i>Hipposideros ridleyi</i>	Malaysia	Entire	E
Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	U.S.A. (KY, NC, WV, VA)	Entire	E
Bear, American black	<i>Ursus americanus</i>	North America	U.S.A. (LA, MS, TX)	T(S/A)
Bear, Baluchistan	<i>Ursus thibetanus gedrosianus</i>	Iran, Pakistan	Entire	E
Bear, brown	<i>Ursus arctos arctos</i>	Palaearctic	Italy	E
Bear, brown	<i>Ursus arctos pruinosus</i>	China (Tibet)	Entire	E
Bear, grizzly (=brown)	<i>Ursus arctos</i> (incl. <i>U. a. horribilis</i> & <i>U. a. stickeenensis</i>)	Holarctic	U.S.A., conterminous (lower 48) States	T
Bear, Louisiana black	<i>Ursus americanus luteolus</i>	U.S.A. (LA, MS, TX)	Entire	T
Bear, Mexican grizzly	<i>Ursus arctos</i> (=U. a. nelsoni)	Holarctic	Mexico	E
Beaver	<i>Castor fiber birulai</i>	Mongolia	Entire	E
Bison, wood	<i>Bison bison athabasca</i>	Canada, northwestern U.S.A	Canada	E
Bobcat	<i>Felis rufus escuinapae</i>	Central Mexico	Entire	E
Bontebok (antelope)	<i>Damaliscus dorcas dorcas</i>	South Africa	Entire	E
Camel, Bactrian	<i>Camelus bactrianus</i> (=ferus)	Mongolia, China	Entire	E

Caribou, woodland	<i>Rangifer tarandus caribou</i>	U.S.A. (AK, ID, ME, MI, MN, MT, NH, VT, WA, WI), Canada	U.S.A. (ID, WA), Canada (that part of S.E. British Columbia bounded by the U.S.-Can. border, Columbia R., Kootenay R., Kootenay L., and Kootenai R.)	E
Cat, Andean	<i>Felis jacobita</i>	Chile, Peru, Bolivia, Argentina	Entire	E
Cat, black-footed	<i>Felis nigripes</i>	Southern Africa	Entire	E
Cat, flat-headed	<i>Felis planiceps</i>	Malaysia, Indonesia	Entire	E
Cat, Iriomote	<i>Felis (Mayailurus) iriomotensis</i>	Japan (Iriomote Island, Ryukyu Islands)	Entire	E
Cat, leopard	<i>Felis bengalensis bengalensis</i>	India, Southeast Asia	Entire	E
Cat, marbled	<i>Felis marmorata</i>	Nepal, Southeast Asia, Indonesia	Entire	E
Cat, Pakistan sand	<i>Felis margarita scheffeli</i>	Pakistan	Entire	E
Cat, Temminck's (=golden cat)	<i>Felis temmincki</i>	Nepal, China, Southeast Asia, Indonesia (Sumatra)	Entire	E
Cat, tiger	<i>Felis tigrinus</i>	Costa Rica to northern Argentina	Entire	E
Chamois, Apennine	<i>Rupicapra rupicapra ornata</i>	Italy	Entire	E
Cheetah	<i>Acinonyx jubatus</i>	Africa to India	Entire	E
Chimpanzee	<i>Pan troglodytes</i>	Africa-see 17.40(c)(3)	Wherever found in the wild	E
Chimpanzee	<i>Pan troglodytes</i>	Africa-see 17.40(c)(3)	Wherever found in captivity	T
Chimpanzee, pygmy	<i>Pan paniscus</i>	Zaire	Entire	E
Chinchilla	<i>Chinchilla brevicaudata boliviana</i>	Bolivia	Entire	E
Cochito (=Gulf of California harbor porpoise)	<i>Phocoena sinus</i>	Mexico (Gulf of California)	Entire	E
Civet, Malabar large-spotted	<i>Viverra megaspila civettina</i>	India	Entire	E
Cougar, eastern	<i>Felis concolor cougar</i>	Eastern North America	Entire	E
Deer, Bactrian	<i>Cervus elaphus bactrianus</i>	Tajikistan, Uzbekistan, Afghanistan	Entire	E
Deer, Barbary	<i>Cervus elaphus barbarus</i>	Morocco, Tunisia, Algeria	Entire	E
Deer, Bawean	<i>Axis (=Cervus) porcinus kuhli</i>	Indonesia	Entire	E
Deer, Cedros Island mule	<i>Odocoileus hemionus cedrosensis</i>	Mexico (Cedros Island)	Entire	E
Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	U.S.A. (WA, OR)	Entire	E
Deer, Corsican red	<i>Cervus elaphus corsicanus</i>	Corsica, Sardinia	Entire	E
Deer, Eld's brow-antlered	<i>Cervus eldi</i>	India to Southeast Asia	Entire	E
Deer, Formosan sika	<i>Cervus nippon taiouanus</i>	Taiwan	Entire	E
Deer, hog	<i>Axis (=Cervus) porcinus annamiticus</i>	Thailand, Indochina	Entire	E
Deer, key	<i>Odocoileus virginianus clavium</i>	U.S.A. (FL)	Entire	E
Deer, marsh	<i>Blastocercus dichotomus</i>	Argentina, Uruguay, Paraguay, Bolivia, Brazil	Entire	E
Deer, McNeill's	<i>Cervus elaphus macneilli</i>	China (Sinkiang, Tibet)	Entire	E
Deer, musk	<i>Moschus</i> spp. (all species)	Central and eastern Asia	Afghanistan, Bhutan, Burma, China (Tibet, Yunnan), India, Nepal, Pakistan, Sikkim	E
Deer, North China sika	<i>Cervus nippon mandarinus</i>	China (Shantung and Chihli Provinces)	Entire	E
Deer, pampas	<i>Ozotoceros bezoarticus</i>	Brazil, Argentina, Uruguay, Bolivia, Paraguay	Entire	E
Deer, Persian fallow	<i>Dama dama mesopotamica</i>	Iraq, Iran	Entire	E
Deer, Philippine	<i>Axis (=Cervus) porcinus calamianensis</i>	Philippines (Calamian Islands)	Entire	E
Deer, Ryukyu sika	<i>Cervus nippon keramae</i>	Japan (Ryukyu Islands)	Entire	E
Deer, Shansi sika	<i>Cervus nippon grassianus</i>	China (Shansi Province)	Entire	E
Deer, South China sika	<i>Cervus nippon kopschi</i>	Southern China	Entire	E
Deer, swamp (=barasingha)	<i>Cervus duvauceli</i>	India, Nepal	Entire	E
Deer, Visayan	<i>Cervus alfredi</i>	Philippines	Entire	E
Deer, Yarkand	<i>Cervus elaphus yarkandensis</i>	China (Sinkiang)	Entire	E
Dhole (=Asiatic wild dog)	<i>Cuon alpinus</i>	C.I.S., Korea, China, India, Southeast Asia	Entire	E
Dibbler	<i>Antechinus apicalis</i>	Australia	Entire	E
Dog, African wild	<i>Lycaon pictus</i>	Sub-Saharan Africa	Entire	E

Dolphin, Chinese river (=whitefin)	<i>Lipotes vexillifer</i>	China	Entire	E
Dolphin, Indus River	<i>Platanista minor</i>	Pakistan (Indus R. and tributaries)	Entire	E
Drill	<i>Papio leucophaeus</i>	Equatorial West Africa	Entire	E
Dugong	<i>Dugong dugon</i>	East Africa to southern Japan, including U.S.A. (Trust Territories)	Entire, except U.S.A	E
Duiker, Jentink's	<i>Cephalophus jentinki</i>	Sierra Leone, Liberia, Ivory Coast	Entire	E
Eland, western giant	<i>Taurotragus derbianus derbianus</i>	Senegal to Ivory Coast	Entire	E
Elephant, African	<i>Loxodonta africana</i>	Africa	Entire	T
Elephant, Asian	<i>Elephas maximus</i>	South-central and southeastern Asia	Entire	E
Ferret, black-footed	<i>Mustela nigripes</i>	Western U.S.A., western Canada	Entire, except where listed as an experimental population below	E
Ferret, black-footed	<i>Mustela nigripes</i>	Western U.S.A., western Canada	U.S.A. (specific portions of MT, SD, and WY, see 17.84(g))	XN
Fox, northern swift	<i>Vulpes velox hebes</i>	U.S.A. (northern plains), Canada	Canada	E
Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	U.S.A. (CA)	Entire	E
Fox, Simien	<i>Canis (Simenia) simensis</i>	Ethiopia	Entire	E
Gazelle, Arabian	<i>Gazella gazella</i>	Arabian Peninsula, Palestine, Sinai	Entire	E
Gazelle, Clark's (=Dibatag)	<i>Ammodorcas clarkei</i>	Somalia, Ethiopia	Entire	E
Gazelle, Cuvier's	<i>Gazella cuvieri</i>	Morocco, Algeria, Tunisia	Entire	E
Gazelle, Mhorr	<i>Gazella dama mhorr</i>	Morocco	Entire	E
Gazelle, Moroccan (=Dorcas)	<i>Gazella dorcas massaesyala</i>	Morocco, Algeria, Tunisia	Entire	E
Gazelle, Pelzeln's	<i>Gazella dorcas pelzelni</i>	Somalia	Entire	E
Gazelle, Rio de Oro Dama	<i>Gazella dama lozanoi</i>	Western Sahara	Entire	E
Gazelle, sand	<i>Gazella subgutturosa marica</i>	Jordan, Arabian Peninsula	Entire	E
Gazelle, Saudi Arabian	<i>Gazella dorcas saudiya</i>	Israel, Iraq, Jordan, Syria, Arabian Peninsula	Entire	E
Gazelle, slender-horned (=Rhim)	<i>Gazella leptoceros</i>	Sudan, Egypt, Algeria, Libya	Entire	E
Gibbons	<i>Hylobates</i> spp. (including <i>Nomascus</i>)	China, India, Southeast Asia	Entire	E
Goat, wild (=Chiltan markhor)	<i>Capra aegagrus (=falconeri) chiltanensis</i>	Southwestern Asia	Chiltan Range of west-central Pakistan	E
Goral	<i>Nemorhaedus goral</i>	East Asia	Entire	E
Gorilla	<i>Gorilla gorilla</i>	Central and western Africa	Entire	E
Hare, hispid	<i>Caprolagus hispidus</i>	India, Nepal, Bhutan	Entire	E
Hartebeest, Swayne's	<i>Alcelaphus buselaphus swaynei</i>	Ethiopia, Somalia	Entire	E
Hartebeest, Tora	<i>Alcelaphus buselaphus tora</i>	Ethiopia, Sudan, Egypt	Entire	E
Hog, pygmy	<i>Sus salvanius</i>	India, Nepal, Bhutan, Sikkim	Entire	E
Horse, Przewalski's	<i>Equus przewalskii</i>	Mongolia, China	Entire	E
Huemul, north Andean	<i>Hippocamelus antisensis</i>	Ecuador, Peru, Chile, Bolivia, Argentina	Entire	E
Huemul, South Andean	<i>Hippocamelus bisulcus</i>	Chile, Argentina	Entire	E
Hutia, Cabrera's	<i>Capromys angelcabrerai</i>	Cuba	Entire	E
Hutia, dwarf	<i>Capromys nana</i>	Cuba	Entire	E
Hutia, large-eared	<i>Capromys auritus</i>	Cuba	Entire	E
Hutia, little earth	<i>Capromys sanfelipensis</i>	Cuba	Entire	E
Hyena, Barbary	<i>Hyaena hyaena barbara</i>	Morocco, Algeria, Tunisia	Entire	E
Hyena, brown	<i>Hyaena brunnea</i>	Southern Africa	Entire	E
Ibex, Pyrenean	<i>Capra pyrenaica pyrenaica</i>	Spain	Entire	E
Ibex, Walia	<i>Capra waliae</i>	Ethiopia	Entire	E
Impala, black-faced	<i>Aepyceros melampus petersi</i>	Namibia, Angola	Entire	E
Indri	<i>Indri indri</i> (=entire genus)	Malagasy Republic (=Madagascar)	Entire	E
Jaguar	<i>Panthera onca</i>	U.S.A. (AZ, NM, TX), Central and South America	Mexico southward	E
Jaguarundi	<i>Felis yagouaroundi cacomitli</i>	U.S.A. (TX), Mexico	Entire	E
Jaguarundi	<i>Felis yagouaroundi fossata</i>	Mexico, Nicaragua	Entire	E

Jaguarundi	<i>Felis yagouaroundi panamensis</i>	Nicaragua, Costa Rica, Panama	Entire	E
Jaguarundi	<i>Felis yagouaroundi tolteca</i>	U.S.A. (AZ), Mexico	Entire	E
Kangaroo rat, Fresno	<i>Dipodomys nitratooides exilis</i>	U.S.A. (CA)	Entire	E
Kangaroo rat, giant	<i>Dipodomys ingens</i>	U.S.A. (CA)	Entire	E
Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	U.S.A. (CA)	Entire	E
Kangaroo rat, Stephens'	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>)	U.S.A. (CA)	Entire	E
Kangaroo rat, Tipton	<i>Dipodomys nitratooides nitratooides</i>	U.S.A. (CA)	Entire	E
Kangaroo, eastern gray	<i>Macropus giganteus</i> (all subsp. except <i>tasmaniensis</i>)	Australia	Entire	T
Kangaroo, red	<i>Macropus (=Megaleia) rufus</i>	Australia	Entire	T
Kangaroo, Tasmanian forester	<i>Macropus giganteus tasmaniensis</i>	Australia (Tasmania)	Entire	E
Kangaroo, western gray	<i>Macropus fuliginosus</i>	Australia	Entire	T
Kouprey	<i>Bos sauveli</i>	Vietnam, Laos, Cambodia, Thailand	Entire	E
Langur, capped	<i>Presbytis pileata</i>	India, Burma, Bangladesh	Entire	E
Langur, Douc	<i>Pygathrix nemaeus</i>	Cambodia, Laos, Vietnam	Entire	E
Langur, entellus	<i>Presbytis entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh	Entire	E
Langur, Francois'	<i>Presbytis francoisi</i>	China (Kwangsi), Indochina	Entire	E
Langur, golden	<i>Presbytis geei</i>	India (Assam), Bhutan	Entire	E
Langur, long-tailed	<i>Presbytis potenziani</i>	Indonesia	Entire	T
Langur, Pagi Island	<i>Nasalis (Simias) concolor</i>	Indonesia	Entire	E
Langur, purple-faced	<i>Presbytis senex</i>	Sri Lanka	Entire	T
Lechwe, red	<i>Kobus leche</i>	Southern Africa	Entire	T
Lemurs	Lemuridae (incl. genera <i>Lemur</i> , <i>Phaner</i> , <i>Hapalemur</i> , <i>Lepilemur</i> , <i>Microcebus</i> , <i>Allocebus</i> , <i>Cheirogaleus</i> , <i>Varecia</i>)	Malagasy Republic (=Madagascar)	Entire	E
Leopard	<i>Panthera pardus</i>	Africa, Asia	Wherever found, except where it is listed as Threatened as set forth below	E
Leopard	<i>Panthera pardus</i>	Africa, Asia	In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya	T
Leopard, clouded	<i>Neofelis nebulosa</i>	Southeastern and south-central Asia, Taiwan	Entire	E
Leopard, snow	<i>Panthera uncia</i>	Central Asia	Entire	E
Linsang, spotted	<i>Prionodon pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma	Entire	E
Lion, Asiatic	<i>Panthera leo persica</i>	Turkey to India	Entire	E
Lion, mountain	<i>Felis concolor</i> (all subsp. except <i>coryi</i>)	Canada to South America	U.S.A. (FL)	T(S/A)
Loris, lesser slow	<i>Nycticebus pygmaeus</i>	Indochina	Entire	T
Lynx, Spanish	<i>Felis (=Lynx) pardina</i>	Spain, Portugal	Entire	E
Macaque, Formosan rock	<i>Macaca cyclopis</i>	Taiwan	Entire	T
Macaque, Japanese	<i>Macaca fuscata</i>	Japan (Shikoku, Kyushu and Honshu Islands)	Entire	T
Macaque, lion-tailed	<i>Macaca silenus</i>	India	Entire	E
Macaque, stump-tailed	<i>Macaca arctoides</i>	India (Assam) to southern China	Entire	T
Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka	Entire	T
Manatee, Amazonian	<i>Trichechus inunguis</i>	South America (Amazon R. basin)	Entire	E
Manatee, West African	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal R. to Cuanza R.	Entire	T
Manatee, West Indian (=Florida)	<i>Trichechus manatus</i>	U.S.A. (southeastern), Caribbean Sea, South America	Entire	E
Mandrill	<i>Papio sphinx</i>	Equatorial West Africa	Entire	E
Mangabey, Tana River	<i>Cercocebus galeritus</i>	Kenya	Entire	E
Mangabey, white-collared	<i>Cercocebus torquatus</i>	Senegal to Ghana; Nigeria to Gabon	Entire	E
Margay	<i>Felis wiedii</i>	U.S.A. (TX), Central and South America	Mexico southward	E

Markhor, Kabal	<i>Capra falconeri megaceros</i>	Afghanistan, Pakistan	Entire	E
Markhor, straight-horned	<i>Capra falconeri jerdoni</i>	Afghanistan, Pakistan	Entire	E
Marmoset, buff-headed	<i>Callithrix flaviceps</i>	Brazil	Entire	E
Marmoset, buffy tufted-ear	<i>Callithrix jacchus aurita</i>	Brazil	Entire	E
Marmoset, cotton-top	<i>Saguinus oedipus</i>	Costa Rica to Colombia	Entire	E
Marmoset, Goeldi's	<i>Callimico goeldii</i>	Brazil, Colombia, Ecuador, Peru, Bolivia	Entire	E
Marmot, Vancouver Island	<i>Marmota vancouverensis</i>	Canada (Vancouver Island)	Entire	E
Marsupial, eastern jerboa	<i>Antechinomys laniger</i>	Australia	Entire	E
Marsupial-mouse, large desert	<i>Sminthopsis psammophila</i>	Australia	Entire	E
Marsupial-mouse, long-tailed	<i>Sminthopsis longicaudata</i>	Australia	Entire	E
Marten, Formosan yellow-throated	<i>Martes flavigula chrysofila</i>	Taiwan	Entire	E
Monkey, black colobus	<i>Colobus satanas</i>	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon	Entire	E
Monkey, black howler	<i>Alouatta pigra</i>	Mexico, Guatemala, Belize	Entire	T
Monkey, Diana	<i>Cercopithecus diana</i>	Coastal West Africa	Entire	E
Monkey (=langur), Guizhou snub-nosed	<i>Rhinopithecus (=Pygathrix) brelichi</i>	China	Entire	E
Monkey, howler	<i>Alouatta palliata (=villosa)</i>	Mexico to South America	Entire	E
Monkey, L'hoest's	<i>Cercopithecus lhoesti</i>	Upper eastern Congo R. Basin, Cameroon	Entire	E
Monkey, Preuss' red colobus	<i>Colobus badius preussi</i>	Cameroon	Entire	E
Monkey, proboscis	<i>Nasalis larvatus</i>	Borneo	Entire	E
Monkey, red-backed squirrel	<i>Saimiri oerstedii</i>	Costa Rica, Panama	Entire	E
Monkey, red-bellied	<i>Cercopithecus erythrogaster</i>	Western Nigeria	Entire	E
Monkey, red-eared nose-spotted	<i>Cercopithecus erythrotis</i>	Nigeria, Cameroon, Fernando Po	Entire	E
Monkey (=langur), Sichuan snub-nosed	<i>Rhinopithecus (=Pygathrix) roxellana</i>	China	Entire	E
Monkey, spider	<i>Ateles geoffroyi frontatus</i>	Costa Rica, Nicaragua	Entire	E
Monkey, spider	<i>Ateles geoffroyi panamensis</i>	Costa Rica, Panama	Entire	E
Monkey, Tana River red colobus	<i>Colobus rufomitratu (=badius) rufomitratu</i>	Kenya	Entire	E
Monkey (=langur), Tonkin snub-nosed	<i>Rhinopithecus (=Pygathrix) avunculus</i>	Vietnam	Entire	E
Monkey, woolly spider	<i>Brachyteles arachnoides</i>	Brazil	Entire	E
Monkey, yellow-tailed woolly	<i>Lagothrix flavicauda</i>	Andes of northern Peru	Entire	E
Monkey (=langur), Yunnan snub-nosed	<i>Rhinopithecus (=Pygathrix) bieti</i>	China	Entire	E
Monkey, Zanzibar red colobus	<i>Colobus kirki</i>	Tanzania	Entire	E
Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	U.S.A. (CA)	Entire	E
Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	U.S.A. (AL)	Entire	E
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	U.S.A. (FL)	Entire	E
Mouse, Australian native	<i>Notomys aquilo</i>	Australia	Entire	E
Mouse, Australian native	<i>Zyzomys (=Notomys) pedunculatus</i>	Australia	Entire	E
Mouse, Choctawahatchee beach	<i>Peromyscus polionotus allophrys</i>	U.S.A. (FL)	Entire	E
Mouse, Field's	<i>Pseudomys fieldi</i>	Australia	Entire	E
Mouse, Gould's	<i>Pseudomys gouldii</i>	Australia	Entire	E
Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	U.S.A. (FL)	Entire	E
Mouse, New Holland	<i>Pseudomys novaehollandiae</i>	Australia	Entire	E
● Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	U.S.A. (CA)	Entire	E
Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	U.S.A. (AL, FL)	Entire	E
Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	U.S.A. (CA)	Entire	E
Mouse, Shark Bay	<i>Pseudomys praeconis</i>	Australia	Entire	E
Mouse, Shortridge's	<i>Pseudomys shortridgei</i>	Australia	Entire	E
Mouse, Smoky	<i>Pseudomys fumeus</i>	Australia	Entire	E
Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	U.S.A. (FL)	Entire	T
Mouse, western	<i>Pseudomys occidentalis</i>	Australia	Entire	E
Muntjac, Fea's	<i>Muntiacus feae</i>	Northern Thailand, Burma	Entire	E

Native-cat, eastern	<i>Dasyurus viverrinus</i>	Australia	Entire	E
Numbat	<i>Myrmecobius fasciatus</i>	Australia	Entire	E
Ocelot	<i>Felis pardalis</i>	U.S.A. (AZ, TX) to Central and South America	Entire	E
Orangutan	<i>Pongo pygmaeus</i>	Borneo, Sumatra	Entire	E
Oryx, Arabian	<i>Oryx leucoryx</i>	Arabian Peninsula	Entire	E
Otter, Cameroon clawless	<i>Aonyx (Paraonyx) congica microdon</i>	Cameroon, Nigeria	Entire	E
Otter, giant	<i>Pteronura brasiliensis</i>	South America	Entire	E
Otter, long-tailed	<i>Lutra longicaudis</i> (incl. <i>platensis</i>)	South America	Entire	E
Otter, marine	<i>Lutra felina</i>	Peru south to Straits of Magellan	Entire	E
Otter, southern river	<i>Lutra provocax</i>	Chile, Argentina	Entire	E
Otter, southern sea	<i>Enhydra lutris nereis</i>	West Coast, U.S.A. (CA, OR, WA) south to Mexico (Baja California)	Entire, except where listed below	T
Otter, southern sea	<i>Enhydra lutris nereis</i>	West Coast, U.S.A. (CA, OR, WA) south to Mexico (Baja California)	All areas subject to U.S. jurisdiction south of Pt. Conception, CA (34°26.9' N. Lat.) [Note--status governed by Pub. L. 99-625, 100 Stat. 3500.]	See 17.84(d)
Panda, giant	<i>Ailuropoda melanoleuca</i>	China	Entire	E
Pangolin (=scaly anteater)	<i>Manis temmincki</i>	Africa	Entire	E
Panther, Florida	<i>Felis concolor coryi</i>	U.S.A. (LA and AR east to SC and FL)	Entire	E
Planigale, little	<i>Planigale ingrami subtilissima</i> (formerly <i>P. subtilissima</i>)	Australia	Entire	E
Planigale, southern	<i>Planigale tenuirostris</i>	Australia	Entire	E
Porcupine, thin-spined	<i>Chaetomys subspinosus</i>	Brazil	Entire	E
Possum, Leadbeater's	<i>Gymnobelideus leadbeateri</i>	Brazil	Entire	E
Possum, mountain pygmy	<i>Burramys parvus</i>	Australia	Entire	E
Possum, scaly-tailed	<i>Wyulda squamicaudata</i>	Australia	Entire	E
Prairie dog, Mexican	<i>Cynomys mexicanus</i>	Mexico	Entire	E
Prairie dog, Utah	<i>Cynomys parvidens</i>	U.S.A. (UT)	Entire	T
Pronghorn, peninsular	<i>Antilocapra americana peninsularis</i>	Mexico (Baja California)	Entire	E
Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	U.S.A. (AZ), Mexico	Entire	E
Pudu	<i>Pudu pudu</i>	Southern South America	Entire	E
Puma, Costa Rican	<i>Felis concolor costaricensis</i>	Nicaragua, Panama, Costa Rica	Entire	E
Quokka	<i>Setonix brachyurus</i>	Australia	Entire	E
Rabbit, Lower Keys	<i>Sylvilagus palustris hefneri</i>	U.S.A. (FL)	Entire	E
Rabbit, Ryukyu	<i>Pentalagus furnessi</i>	Japan (Ryukyu Islands)	Entire	E
Rabbit, volcano	<i>Romerolagus diazi</i>	Mexico	Entire	E
Rat, false water	<i>Xeromys myoides</i>	Australia	Entire	E
Rat, stick-nest	<i>Leporillus conditor</i>	Australia	Entire	E
Rat-kangaroo, brush-tailed	<i>Bettongia penicillata</i>	Australia	Entire	E
Rat-kangaroo, Gaimard's	<i>Bettongia gaimardi</i>	Australia	Entire	E
Rat-kangaroo, Lesueur's	<i>Bettongia lesueur</i>	Australia	Entire	E
Rat-kangaroo, plain	<i>Caloprymnus campestris</i>	Australia	Entire	E
Rat-kangaroo, Queensland	<i>Bettongia tropica</i>	Australia	Entire	E
Rhinoceros, black	<i>Diceros bicornis</i>	Sub-Saharan Africa	Entire	E
Rhinoceros, great Indian	<i>Rhinoceros unicornis</i>	India, Nepal	Entire	E
Rhinoceros, Javan	<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia	Entire	E
Rhinoceros, northern white	<i>Ceratotherium simum cottoni</i>	Zaire, Sudan, Uganda, Central African Republic	Entire	E
Rhinoceros, Sumatran	<i>Dicerorhinus (=Didermoceros) sumatrensis</i>	Bangladesh to Vietnam to Indonesia (Borneo)	Entire	E
Rice rat (=silver rice rat)	<i>Oryzomys palustris natator</i> (=O. <i>argentatus</i>)	U.S.A. (FL)	Lower FL Keys (west of Seven Mile Bridge)	E
Saiga, Mongolian (antelope)	<i>Saiga tatarica mongolica</i>	Mongolia	Entire	E

Saki, southern beared	<i>Chiropotes satanas satanas</i>	Brazil	Entire	E
Saki, white-nosed	<i>Chiropotes albinasus</i>	Brazil	Entire	E
Sea-lion, Steller (=northern)	<i>Eumetopias jubatus</i>	U.S.A. (AK, CA, OR, WA), Canada, Russia; North Pacific Ocean	SET ORDER TO 3Entire	T
Seal, Caribbean monk	<i>Monachus tropicalis</i>	Caribbean Sea, Gulf of Mexico	Entire	E
Seal, guadalupe fur	<i>Arctocephalus townsendi</i>	U.S.A. (Farallon Islands of CA) south to Mexico (Islas Revillagigedo)	Entire	T
Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	U.S.A. (HI)	Entire	E
Seal, Mediterranean monk	<i>Monachus monachus</i>	Mediterranean, Northwest African Coast and Black Sea	Entire	E
Seal, Saimaa	<i>Phoca hispida saimensis</i>	Finland (Lake Saimaa)	Entire	E
Seledang (=Gaur)	<i>Bos gaurus</i>	Bangladesh, Southeast Asia, India	Entire	E
Serow	<i>Capricornis sumatraensis</i>	East Asia, Sumatra	Entire	E
Serval, Barbary	<i>Felis serval constantina</i>	Algeria	Entire	E
Shapo	<i>Ovis vignei vignei</i>	Kashmir	Entire	E
Shou	<i>Cervus elaphus wallichi</i>	Tibet, Bhutan	Entire	E
Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	U.S.A. (VA, NC)	Entire	T
Siamang	<i>Symphalangus syndactylus</i>	Malaysia, Indonesia	Entire	E
Sifakas	<i>Propithecus</i> spp. (all species)	Malagasy Republic (=Madagascar)	Entire	E
Sloth, Brazilian three-toed	<i>Bradypus torquatus</i>	Brazil	Entire	E
Solenodon, Cuban	<i>Solenodon (Atopogale) cubanus</i>	Cuba	Entire	E
Solenodon, Haitian	<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	Entire	E
Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	U.S.A. (NC, TN)	Entire	E
Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	U.S.A. (Delmarva Peninsula to southeastern PA)	Entire, except Sussex Co., DE	E
Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	U.S.A. (Delmarva Peninsula to southeastern PA)	U.S.A. (DE--Sussex Co.)	XN
Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	U.S.A. (AZ)	Entire	E
Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	U.S.A. (VA, WV)	Entire	E
Stag, Barbary	<i>Cervus elaphus barbarus</i>	Tunisia, Algeria	Entire	E
Stag, Kashmir	<i>Cervus elaphus hanglu</i>	Kashmir	Entire	E
Suni, Zanzibar	<i>Neotragus (Nesotragus) moschatus moschatus</i>	Zanzibar (and nearby islands)	Entire	E
Tahr, Arabian	<i>Hemitragus jayakari</i>	Oman	Entire	E
Tamaraw	<i>Bubalus mindorensis</i>	Philippines	Entire	E
Tamarin (=marmoset), golden-rumped (=golden-headed)	<i>Leontopithecus (=Leontideus) spp.</i>	Brazil	Entire	E
Tamarin, pied	<i>Saguinus bicolor</i>	Brazil	Entire	E
Tamarin, white-footed	<i>Saguinus leucopus</i>	Colombia	Entire	T
Tapir, Asian	<i>Tapirus indicus</i>	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand	Entire	E
Tapir, Brazilian	<i>Tapirus terrestris</i>	Colombia and Venezuela south to Paraguay and Argentina	Entire	E
Tapir, Central American	<i>Tapirus bairdii</i>	Southern Mexico to Colombia and Ecuador	Entire	E
Tapir, mountain	<i>Tapirus pinchaque</i>	Colombia, Ecuador and possibly Peru and Venezuela	Entire	E
Tarsier, Philippine	<i>Tarsius syrichta</i>	Philippines	Entire	T
Tiger	<i>Panthera tigris</i>	Temperate and tropical Asia	Entire	E
Tiger, Tasmanian (=Thylacine)	<i>Thylacinus cynocephalus</i>	Australia	Entire	E
Uakari (all species)	<i>Cacajao</i> spp.	Peru, Brazil, Ecuador, Colombia, Venezuela	Entire	E
Urial	<i>Ovis musimon (=orientalis) ophion</i>	Cyprus	Entire	E
Vicuna	<i>Vicugna vicugna</i>	South America (Andes)	Entire	E
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	U.S.A. (CA)	Entire	E
Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	U.S.A. (FL)	Entire	E
Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	U.S.A. (AZ)	Entire	E

Wallaby, banded hare	<i>Lagostrophus fasciatus</i>	Australia	Entire	E
Wallaby, brindled nail-tailed	<i>Onychogalea fraenata</i>	Australia	Entire	E
Wallaby, crescent nail-tailed	<i>Onychogalea lunata</i>	Australia	Entire	E
Wallaby, Parma	<i>Macropus parma</i>	Australia	Entire	E
Wallaby, western hare	<i>Lagorchestes hirsutus</i>	Australia	Entire	E
Wallaby, yellow-footed rock	<i>Petrogale xanthopus</i>	Australia	Entire	E
Whale, blue	<i>Balaenoptera musculus</i>	Oceanic	Entire	E
Whale, bowhead	<i>Balaena mysticetus</i>	Oceanic (north latitudes only)	Entire	E
Whale, finback	<i>Balaenoptera physalus</i>	Oceanic	Entire	E
Whale, gray	<i>Eschrichtius robustus</i>	North Pacific Ocean--coastal and Bering Sea, formerly North Atlantic Ocean	Entire, except eastern North Pacific Ocean--coastal and Bering, Beaufort, and Chukchi Seas	E
Whale, humpback	<i>Megaptera novaeangliae</i>	Oceanic	Entire	E
Whale, right	<i>Balaena glacialis</i> (incl. <i>australis</i>)	Oceanic	Entire	E
Whale, Sei	<i>Balaenoptera borealis</i>	Oceanic	Entire	E
Whale, sperm	<i>Physeter macrocephalus</i> (= <i>catodon</i>)	Oceanic	Entire	E
● Wolf, gray	<i>Canis lupus</i>	Holarctic	U.S.A., conterminous States, except MN and where listed as an experimental population	E
Wolf, gray	<i>Canis lupus</i>	Holarctic	U.S.A. (MN)	T
+ Wolf, gray	<i>Canis lupus</i>	Holarctic	U.S.A. (WY and portions of ID and MT--see 17.84(i))	XN
Wolf, maned	<i>Chrysocyon brachyurus</i>	Argentina, Bolivia, Brazil, Paraguay, Uruguay	Entire	E
Wolf, red	<i>Canis rufus</i>	U.S.A. (SE U.S.A., west to central TX)	Entire, except where listed as experimental populations below	E
Wolf, red	<i>Canis rufus</i>	U.S.A. (SE U.S.A., west to central TX)	U.S.A. (portions of NC and TN--see 17.84(c)(9))	XN
Wombat, hairy-nosed (=Barnard's and Queensland hai)	<i>Lasiorhinus krefftii</i> (formerly <i>L. barnardi</i> and <i>L. gillespiei</i>)	Australia	Entire	E
Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	U.S.A. (FL)	Entire	E
Yak, wild	<i>Bos grunniens mutus</i>	China (Tibet), India	Entire	E
Zebra, Grevy's	<i>Equus grevyi</i>	Kenya, Ethiopia, Somalia	Entire	T
Zebra, Hartmann's mountain	<i>Equus zebra hartmannae</i>	Namibia, Angola	Entire	T
Zebra, mountain	<i>Equus zebra zebra</i>	South Africa	Entire	E
Birds				
`Akepa, Hawaii (honeycreeper)	<i>Loxops coccineus coccineus</i>	U.S.A. (HI)	Entire	E
`Akepa, Maui (honeycreeper)	<i>Loxops coccineus ochraceus</i>	U.S.A. (HI)	Entire	E
`Akialoa, Kauai (honeycreeper)	<i>Hemignathus procerus</i>	U.S.A. (HI)	Entire	E
`Akiapola`au (honeycreeper)	<i>Hemignathus munroi</i> (= <i>wilsoni</i>)	U.S.A. (HI)	Entire	E
+ Albatross, Amsterdam	<i>Diomedea amsterdamensis</i>	Indian Ocean--Amsterdam Island	Entire	E
Albatross, short-tailed	<i>Diomedea albatrus</i>	North Pacific Ocean--Japan, Russia, U.S.A. (AK, CA, HI, OR, WA)	Entire, except U.S.A	E
+ Alethe, Thyolo	<i>Alethe choloensis</i>	Malawi, Mozambique	Entire	E
Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	U.S.A. (PR)	Entire	E
Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	U.S.A. (AZ), Mexico (Sonora)	Entire	E
Booby, Abbott's	<i>Sula abbotti</i>	Indian Ocean--Christmas Island	Entire	E
Bristlebird, western	<i>Dasyornis brachypterus longirostris</i>	Australia	Entire	E
Bristlebird, western rufous	<i>Dasyornis broadbenti littoralis</i>	Australia	Entire	E
Broadbill, Guam	<i>Myiagra freycineti</i>	Western Pacific Ocean--U.S.A. (Guam)	Entire	E
Bulbul, Mauritius olivaceous	<i>Hypsipetes borbonicus olivaceus</i>	Indian Ocean--Mauritius	Entire	E
Bullfinch, Sao Miguel (finch)	<i>Pyrrhula pyrrhula murina</i>	Eastern Atlantic Ocean--Azores	Entire	E
+ Bush-shrike, Ulugura	<i>Malaconotus alius</i>	Tanzania	Entire	T
Bushwren, New Zealand	<i>Xenicus longipes</i>	New Zealand	Entire	E
Bustard, great Indian	<i>Choriotis nigriceps</i>	India, Pakistan	Entire	E

Cahow (=Bermuda petrel)	<i>Pterodroma cahow</i>	North Atlantic Ocean--Bermuda	Entire	E
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
Condor, Andean	<i>Vultur gryphus</i>	Colombia to Chile and Argentina	Entire	E
Condor, California	<i>Gymnogyps californianus</i>	U.S.A. (CA, OR), Mexico (Baja California)	U.S.A. only	E
Coot, Hawaiian (= `alae-ke`oke`o)	<i>Fulica americana alai</i>	U.S.A. (HI)	Entire	E
Cotinga, banded	<i>Cotinga maculata</i>	Brazil	Entire	E
Cotinga, white-winged	<i>Xipholena atropurpurea</i>	Brazil	Entire	E
Crane, black-necked	<i>Grus nigricollis</i>	China (Tibet)	Entire	E
Crane, Cuba sandhill	<i>Grus canadensis nesiotis</i>	West Indies--Cuba	Entire	E
Crane, hooded	<i>Grus monacha</i>	Japan, Russia	Entire	E
Crane, Japanese	<i>Grus japonensis</i>	China, Japan, Korea, Russia	Entire	E
Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	U.S.A. (MS)	Entire	E
Crane, Siberian white	<i>Grus leucogeranus</i>	C.I.S. (Siberia) to India, including Iran and China	Entire	E
Crane, white-naped	<i>Grus vipio</i>	Mongolia	Entire	E
Crane, whooping	<i>Grus americana</i>	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico	Entire, except where listed as an experimental population	E
Crane, whooping	<i>Grus americana</i>	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico	U.S.A. (FL)	XN
Creepers, Hawaii	<i>Oreomystis (=Loxops) mana</i>	U.S.A. (HI)	Entire	E
Creepers, Molokai (=kakawahie)	<i>Paroreomyza (=Oreomystis, =Loxops) flammea</i>	U.S.A. (HI)	Entire	E
Creepers, Oahu (=alauwahio)	<i>Paroreomyza (=Oreomystis, =Loxops) maculata</i>	U.S.A. (HI)	Entire	E
Crow, Hawaiian (= `alala)	<i>Corvus hawaiiensis (=tropicus)</i>	U.S.A. (HI)	Entire	E
Crow, Mariana	<i>Corvus kubaryi</i>	Western Pacific Ocean--U.S.A. (Guam, Rota)	Entire	E
Crow, white-necked	<i>Corvus leucognaphalus</i>	U.S.A. (PR), Dominican Republic, Haiti	Entire	E
Cuckoo-shrike, Mauritius	<i>Coquus (=Coracina) typicus</i>	Indian Ocean--Mauritius	Entire	E
Cuckoo-shrike, Reunion	<i>Coquus (=Coracina) newtoni</i>	Indian Ocean--Reunion	Entire	E
Curassow, razor-billed	<i>Mitu (=Crax) mitu mitu</i>	Brazil (Eastern)	Entire	E
Curassow, red-billed	<i>Crax blumenbachii</i>	Brazil	Entire	E
Curassow, Trinidad white-headed	<i>Pipile pipile pipile</i>	West Indies--Trinidad	Entire	E
Curlew, Eskimo	<i>Numenius borealis</i>	Alaska and northern Canada to Argentina	Entire	E
Dove, cloven-feathered	<i>Drepanoptila holosericea</i>	Southwest Pacific Ocean--New Caledonia	Entire	E
Dove, Grenada gray-fronted	<i>Leptotila rufaxilla wellsi</i>	West Indies--Grenada	Entire	E
Duck, Hawaiian (=koloa)	<i>Anas wyvilliana</i>	U.S.A. (HI)	Entire	E
Duck, Laysan	<i>Anas laysanensis</i>	U.S.A. (HI)	Entire	E
Duck, pink-headed	<i>Rhodonessa caryophyllacea</i>	India	Entire	E
Duck, white-winged wood	<i>Cairina scutulata</i>	India, Malaysia, Indonesia, Thailand	Entire	E
Eagle, bald	<i>Haliaeetus leucocephalus</i>	North America south to northern Mexico	U.S.A. (conterminous (lower 48) States (except MI, MN, OR, WA, WI))	E
Eagle, bald	<i>Haliaeetus leucocephalus</i>	North America south to northern Mexico	U.S.A. (MI, MN, OR, WA, WI)	T
Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i>	Greenland and adjacent Atlantic islands	Entire	E
Eagle, harpy	<i>Harpia harpyja</i>	Mexico south to Argentina	Entire	E
+ Eagle, Madagascar sea	<i>Haliaeetus vociferoides</i>	Eagle, Madagascar sea	Entire	E
+ Eagle, Madagascar serpent	<i>Eutriorchis astur</i>	Madagascar	Entire	E
Eagle, Philippine (=monkey-eating)	<i>Pithecophaga jefferyi</i>	Philippines	Entire	E
Eagle, Spanish imperial	<i>Aquila heliaca adalberti</i>	Spain, Morocco, Algeria	Entire	E
Egret, Chinese	<i>Egretta eulophotes</i>	China, Korea	Entire	E
Eider, spectacled	<i>Somateria (=Arctonetta, =Lampronetta) fischeri</i>	U.S.A. (AK), Russia	Entire	T
Falcon, American peregrine	<i>Falco peregrinus anatum</i>	Nests from central Alaska across north-central Canada to central Mexico, winters	Entire	E

		to South America		
Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Europe, Eurasia south to Africa and Mideast	Entire	E
Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i>	U.S.A. (AZ, NM, TX), Mexico, Guatemala	Entire	E
Falcon, peregrine	<i>Falco peregrinus</i>	Worldwide, except Antarctica and most Pacific islands	Wherever found in wild in the conterminous (lower 48) States	E(S/A)
Finch, Laysan (honeycreeper)	<i>Telespyza (=Psittirostra) cantans</i>	U.S.A. (HI)	Entire	E
Finch, Nihoa (honeycreeper)	<i>Telespyza (=Psittirostra) ultima</i>	U.S.A. (HI)	Entire	E
Flycatcher, Euler's	<i>Empidonax euleri johnstonei</i>	West Indies--Grenada	Entire	E
Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Indian Ocean--Seychelles	Entire	E
Flycatcher, Tahiti	<i>Pomarea nigra</i>	South Pacific Ocean--Tahiti	Entire	E
+ Fody, Mauritius	<i>Foudia rubra</i>	Mauritius	Entire	E
+ Fody, Rodrigues	<i>Foudia flavicans</i>	Rodrigues Island (Mauritius)	Entire	E
Fody, Seychelles (weaver-finch)	<i>Foudia sechellarum</i>	Indian Ocean--Seychelles	Entire	E
+ Francolin, Djibouti	<i>Francolinus ochropectus</i>	Djibouti	Entire	E
Frigatebird, Andrew's	<i>Fregata andrewsi</i>	East Indian Ocean	Entire	E
Gnatcatcher, coastal California	<i>Poliophtila californica californica</i>	U.S.A. (CA), Mexico	Entire	T
Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	U.S.A. (AK, CA, OR, WA), Japan	Entire	T
Goose, Hawaiian (=nene)	<i>Nesochen (=Branta) sandvicensis</i>	U.S.A. (HI)	Entire	E
Goshawk, Christmas Island	<i>Accipiter fasciatus natalis</i>	Indian Ocean--Christmas Island	Entire	E
Grackle, slender-billed	<i>Quisicalus (=Cassidix) palustris</i>	Mexico	Entire	E
Grasswren, Eyrean (flycatcher)	<i>Amytornis goyderi</i>	Australia	Entire	E
+ Grebe, Alaotra	<i>Tachybaptus rufiflavatus</i>	Madagascar	Entire	E
Grebe, Atitlan	<i>Podilymbus gigas</i>	Guatemala	Entire	E
Greenshank, Nordmann's	<i>Tringa guttifer</i>	Russia, Japan, south to Malaya, Borneo	Entire	E
Guan, horned	<i>Oreophasis derbianus</i>	Guatemala, Mexico	Entire	E
Guan, white-winged	<i>Penelope albipennis</i>	Peru	Entire	E
+ Guineafowl, white-breasted	<i>Agelastes meleagrides</i>	West Africa	Entire	T
Gull, Audouin's	<i>Larus audouinii</i>	Mediterranean Sea	Entire	E
Gull, relict	<i>Larus relictus</i>	India, China	Entire	E
Hawk, Anjouan Island sparrow	<i>Accipiter francesii pusillus</i>	Indian Ocean--Comoro Islands	Entire	E
Hawk, Galapagos	<i>Buteo galapagoensis</i>	Ecuador (Galapagos Islands)	Entire	E
Hawk, Hawaiian (=io)	<i>Buteo solitarius</i>	U.S.A. (HI)	Entire	E
+ Hawk, Puerto Rican broad-winged	<i>Buteo platypterus brunnescens</i>	U.S.A. (PR)	Entire	E
+ Hawk, Puerto Rican sharp-shinned	<i>Acipiter striatus venator</i>	U.S.A. (PR)	Entire	E
Hermit, hook-billed (hummingbird)	<i>Glaucis (=Ramphodon) dohrnii</i>	Brazil	Entire	E
Honeycreeper, crested (=`akohekohe)	<i>Palmeria dolei</i>	U.S.A. (HI)	Entire	E
Honeyeater, helmeted	<i>Meliphaga cassidix</i>	Australia	Entire	E
Hornbill, helmeted	<i>Rhinoplax vigil</i>	Thailand, Malaysia	Entire	E
Ibis, Japanese crested	<i>Nipponia nippon</i>	China, Japan, Russia, Korea	Entire	E
Ibis, northern bald	<i>Geronticus eremita</i>	Southern Europe, southwestern Asia, northern Africa	Entire	E
Jay, Florida scrub	<i>Aphelocoma coerulescens coerulescens</i>	U.S.A. (FL)	Entire	T
Kagu	<i>Rhynchotos jubatus</i>	South Pacific Ocean--New Caledonia	Entire	E
Kakapo (=owl-parrot)	<i>Strigops habroptilus</i>	New Zealand	Entire	E
Kestrel, Mauritius	<i>Falco punctatus</i>	Indian Ocean--Mauritius	Entire	E
Kestrel, Seychelles	<i>Falco araea</i>	Indian Ocean--Seychelles Islands	Entire	E
Kingfisher, Guam Micronesia	<i>Halcyon cinnamomina cinnamomina</i>	West Pacific Ocean--U.S.A. (Guam)	Entire	E
Kite, Cuba hook-billed	<i>Chondrohierax uncinatus wilsonii</i>	West Indies--Cuba	Entire	E
Kite, Everglade snail	<i>Rostrhamus sociabilis plumbeus</i>	U.S.A. (FL), Cuba	U.S.A. (FL)	E
Kite, Grenada hook-billed	<i>Chondrohierax uncinatus mirus</i>	West Indies--Grenada	Entire	E
Kokako (wattlebird)	<i>Callaeas cinerea</i>	New Zealand	Entire	E

+ Lark, Raso	<i>Alauda razae</i>	Raso Island (Cape Verde)	Entire	E
Macaw, glaucous	<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	Entire	E
Macaw, indigo	<i>Anodorhynchus leari</i>	Brazil	Entire	E
Macaw, little blue	<i>Cyanopsitta spixii</i>	Brazil	Entire	E
Magpie-robin, Seychelles (thrush)	<i>Copsychus sechellarum</i>	Indian Ocean--Seychelles Islands	Entire	E
+ Malimbe, Ibadan	<i>Malimbus ibadanensis</i>	Nigeria	Entire	E
Malkoha, red-faced (cuckoo)	<i>Phaenicophaeus pyrrhocephalus</i>	Sri Lanka (=Ceylon)	Entire	E
Mallard, Mariana	<i>Anas oustaleti</i>	West Pacific Ocean--U.S.A. (Guam, Mariana Islands)	Entire	E
Megapode, Maleo	<i>Macrocephalon maleo</i>	Indonesia (Celebes)	Entire	E
Megapode, Micronesian (=La Perouse's)	<i>Megapodius laperouse</i>	West Pacific Ocean--U.S.A. (Palau Island, Mariana Islands)	Entire	E
Millerbird, Nihoa (old world warbler)	<i>Acrocephalus familiaris kingi</i>	U.S.A. (HI)	Entire	E
Monarch, Tinian (old world flycatcher)	<i>Monarcha takatsukasae</i>	West Pacific Ocean--U.S.A. (Mariana Islands)	Entire	T
Moorhen (=gallinule), Hawaiian common	<i>Gallinula chloropus sandvicensis</i>	U.S.A. (HI)	Entire	E
Moorhen (=gallinule), Mariana common	<i>Gallinula chloropus guami</i>	West Pacific Ocean--U.S.A. (Guam, Tinian, Saipan, Pagan)	Entire	E
Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	U.S.A. (AK, CA, OR, WA), Canada (B.C.)	U.S.A. (CA, OR, WA)	T
Nightjar, Puerto Rican (=whip-poor-will)	<i>Caprimulgus noctitherus</i>	U.S.A. (PR)	Entire	E
Nukupu`u (honeycreeper)	<i>Hemignathus lucidus</i>	U.S.A. (HI)	Entire	E
+ Nuthatch, Algerian	<i>Sitta ledanti</i>	Algeria	Entire	E
`O`o, Kauai (= `o`o `a`a) (honeyeater)	<i>Moho braccatus</i>	U.S.A. (HI)	Entire	E
Ostrich, Arabian	<i>Struthio camelus syriacus</i>	Jordan, Saudi Arabia	Entire	E
Ostrich, West African	<i>Struthio camelus spatzi</i>	Spanish Sahara	Entire	E
`O`u (honeycreeper)	<i>Psittirostra psittacea</i>	U.S.A. (HI)	Entire	E
Owl, Anjouan scops	<i>Otus rutilus capnodes</i>	Indian Ocean--Comoro Island	Entire	E
Owl, giant scops	<i>Otus gurneyi</i>	Philippines--Marinduque and Mindanao Island	Entire	E
Owl, Madagascar red	<i>Tyto soumagnei</i>	Madagascar	Entire	E
Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	U.S.A. (AZ, CO, NM, TX, UT), Mexico	Entire	T
Owl, northern spotted	<i>Strix occidentalis caurina</i>	U.S.A. (CA, OR, WA), Canada (B.C.)	Entire	T
Owl, Seychelles	<i>Otus insularis</i>	Indian Ocean--Seychelles Islands	Entire	E
Owlet, Morden's (=sokoke)	<i>Otus ireneae</i>	Kenya	Entire	E
+ Oystercatcher, Canarian black	<i>Haematopus meadewaldoi</i>	Atlantic Ocean--Canary Islands	Entire	E
Palila (honeycreeper)	<i>Loxioides (=Psittirostra) bailleui</i>	U.S.A. (HI)	Entire	E
Parakeet, Forbes'	<i>Cyanoramphus auriceps forbesi</i>	New Zealand	Entire	E
Parakeet, golden	<i>Aratinga guarouba</i>	Brazil	Entire	E
Parakeet, golden-shouldered (=hooded)	<i>Psephotus chrysopterygius</i>	Australia	Entire	E
Parakeet, Mauritius	<i>Psittacula echo</i>	Indian Ocean--Mauritius	Entire	E
Parakeet, Norfolk Island	<i>Cyanoramphus novaezealandiae cookii</i>	Australia (Norfolk Island)	Entire	E
Parakeet, ochre-marked	<i>Pyrrhura cruentata</i>	Brazil	Entire	E
Parakeet, orange-bellied	<i>Neophema chrysogaster</i>	Australia	Entire	E
Parakeet, paradise (=beautiful)	<i>Psephotus pulcherrimus</i>	Australia	Entire	E
Parakeet, scarlet-chested (=splendid)	<i>Neophema splendida</i>	Australia	Entire	E
Parakeet, turquoise	<i>Neophema pulchella</i>	Australia	Entire	E
Parrot, Australian	<i>Geopsittacus occidentalis</i>	Australia	Entire	E
Parrot, Bahaman or Cuban	<i>Amazona leucocephala</i>	West Indies--Cuba, Bahamas, Caymans	Entire	E
Parrot, ground	<i>Pezoporus wallicus</i>	Australia	Entire	E
Parrot, imperial	<i>Amazona imperialis</i>	West Indies--Dominica	Entire	E
Parrot, Puerto Rican	<i>Amazona vittata</i>	U.S.A. (PR)	Entire	E
Parrot, red-browed	<i>Amazona rhodocorytha</i>	Brazil	Entire	E
Parrot, red-capped	<i>Pionopsitta pileata</i>	Brazil	Entire	E

Parrot, red-necked	<i>Amazona arausiaca</i>	West Indies--Dominica	Entire	E
Parrot, red-spectacled	<i>Amazona pretrei pretrei</i>	Brazil, Argentina	Entire	E
Parrot, red-tailed	<i>Amazona brasiliensis</i>	Brazil	Entire	E
+ Parrot, Seychelles lesser vasa	<i>Coracopsis nigra barklyi</i>	Praslin Island (Seychelles)	Entire	E
Parrot, St. Lucia	<i>Amazona versicolor</i>	West Indies--St. Lucia	Entire	E
Parrot, St. Vincent	<i>Amazona guildingii</i>	West Indies--St. Vincent	Entire	E
Parrot, thick-billed	<i>Rhynchopsitta pachyrhyncha</i>	Mexico, U.S.A. (AZ, NM)	Mexico	E
Parrot, vinaceous-breasted	<i>Amazona vinacea</i>	Brazil	Entire	E
Parrotbill, Maui (honeycreeper)	<i>Pseudonestor xanthophrys</i>	U.S.A. (HI)	Entire	E
Pelican, brown	<i>Pelecanus occidentalis</i>	U.S.A. (Carolinas to TX, CA, OR, WA), West Indies, coastal Central and South America	Entire, except U.S. Atlantic coast, FL, AL	E
Penguin, Galapagos	<i>Spheniscus mendiculus</i>	Ecuador (Galapagos Islands)	Entire	E
Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	U.S.A. (HI)	Entire	E
+ Petrel, Madeira (=freira)	<i>Pterodroma madeira</i>	Atlantic Ocean--Madeira Island	Entire	E
+ Petrel, Mascarene black	<i>Pterodroma aterrima</i>	Reunion Island (Mauritius)	Entire	E
Pheasant, bar-tailed	<i>Syrnaticus humale</i>	Burma, China	Entire	E
Pheasant, Blyth's tragopan	<i>Tragopan blythii</i>	Burma, China, India	Entire	E
Pheasant, brown eared	<i>Crossoptilon mantchuricum</i>	China	Entire	E
Pheasant, Cabot's tragopan	<i>Tragopan caboti</i>	China	Entire	E
Pheasant, cheer	<i>Catreus wallichii</i>	India, Nepal, Pakistan	Entire	E
Pheasant, Chinese monal	<i>Lophophorus lhuysii</i>	China	Entire	E
Pheasant, Edward's	<i>Lophura edwardsi</i>	Vietnam	Entire	E
Pheasant, Elliot's	<i>Syrnaticus ellioti</i>	China	Entire	E
Pheasant, imperial	<i>Lophura imperialis</i>	Vietnam	Entire	E
Pheasant, Mikado	<i>Syrnaticus mikado</i>	Taiwan	Entire	E
Pheasant, Palawan peacock	<i>Polyplectron emphanum</i>	Philippines	Entire	E
Pheasant, Sclater's monal	<i>Lophophorus sclateri</i>	Burma, China, India	Entire	E
Pheasant, Swinhoe's	<i>Lophura swinhoii</i>	Taiwan	Entire	E
Pheasant, western tragopan	<i>Tragopan melanocephalus</i>	India, Pakistan	Entire	E
Pheasant, white eared	<i>Crossoptilon crossoptilon</i>	China (Tibet), India	Entire	E
Pigeon, Azores wood	<i>Columba palumbus azorica</i>	East Atlantic Ocean--Azores	Entire	E
Pigeon, Chatham Island	<i>Hemiphaga novaeseelandiae chathamensis</i>	New Zealand	Entire	E
Pigeon, Mindoro zone-tailed	<i>Ducula mindorensis</i>	Philippines	Entire	E
+ Pigeon, pink	<i>Nesoenas mayeri</i>	Mauritius	Entire	E
Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	U.S.A. (PR)	Entire	E
+ Pigeon, white-tailed laurel	<i>Columba junoniae</i>	Atlantic Ocean--Canary Islands	Entire	T
Piping-guan, black-fronted	<i>Pipile jacutinga</i>	Argentina	Entire	E
Pitta, Koch's	<i>Pitta kochi</i>	Philippines	Entire	E
Plover, New Zealand shore	<i>Thinornis novaeseelandiae</i>	New Zealand	Entire	E
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 Canada (Ont.)	E
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	Entire, except those areas where listed as endangered above	T
Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	U.S.A. (AZ, CA, CO, KS, NM, NV, OK, OR, TX, UT, WA), Mexico	U.S.A. (CA, OR, WA), Mexico (Within 50 miles of Pacific coast)	T
+ Pochard, Madagascar	<i>Aythya innotata</i>	Madagascar	Entire	E
Po'ouli (honeycreeper)	<i>Melamprosops phaeosoma</i>	U.S.A. (HI)	Entire	E
Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	U.S.A. (TX)	Entire	E
Quail, Merriam's Montezuma	<i>Cyrtonyx montezumae merriami</i>	Mexico (Vera Cruz)	Entire	E
Quetzal, resplendent	<i>Pharomachrus mocinno</i>	Mexico to Panama	Entire	E
Rail, Auckland Island	<i>Rallus pectoralis muelleri</i>	New Zealand	Entire	E
Rail, California clapper	<i>Rallus longirostris obsoletus</i>	U.S.A. (CA)	Entire	E

Rail, Guam	<i>Rallus owstoni</i>	Western Pacific Ocean--U.S.A. (Guam)	Entire, except Rota	E
Rail, Guam	<i>Rallus owstoni</i>	Western Pacific Ocean--U.S.A. (Guam)	Rota	XN
Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	U.S.A. (CA), Mexico (Baja California)	U.S.A. only	E
Rail, Lord Howe wood	<i>Tricholimnas sylvestris</i>	Australia (Lord Howe Island)	Entire	E
Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	Mexico, U.S.A. (AZ, CA)	U.S.A. only	E
Rhea, Darwin's	<i>Pterocnemia pennata</i>	Argentina, Bolivia, Peru, Uruguay	Entire	E
Robin, Chatham Island	<i>Petroica traversi</i>	New Zealand	Entire	E
+ Robin, dappled mountain	<i>Modulatrix orostruthus</i>	Mozambique, Tanzania	Entire	T
Robin, scarlet-breasted (flycatcher)	<i>Petroica multicolor multicolor</i>	Australia (Norfolk Island)	Entire	E
Rockfowl, grey-necked	<i>Picathartes oreas</i>	Cameroon, Gabon	Entire	E
Rockfowl, white-necked	<i>Picathartes gymnocephalus</i>	Africa--Togo to Sierra Leone	Entire	E
Roller, long-tailed ground	<i>Uratelornis chimaera</i>	Malagasy Republic (=Madagascar)	Entire	E
Scrub-bird, noisy	<i>Atrichornis clamosus</i>	Australia	Entire	E
Shama, Cebu black (thrush)	<i>Copsychus niger cebuensis</i>	Philippines	Entire	E
Shearwater, Newell's Townsend's (formerly Manx) (= `a `o)	<i>Puffinus auricularis (=puffinus) newelli</i>	U.S.A. (HI)	Entire	T
Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	U.S.A. (CA)	Entire	E
Siskin, red	<i>Carduelis (=Spinus) cucullata</i>	South America	Entire	E
Sparrow, Cape Sable seaside	<i>Ammodramus (=Ammospiza) maritimus mirabilis</i>	U.S.A. (FL)	Entire	E
Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	U.S.A. (FL)	Entire	E
Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	U.S.A. (CA)	Entire	T
Starling, Ponape mountain	<i>Aplonis pelzelni</i>	West Pacific Ocean--Federated States of Micronesia	Entire	E
Starling, Rothschild's (myna)	<i>Leucopsar rothschildi</i>	Indonesia (Bali)	Entire	E
Stilt, Hawaiian (=ae `o)	<i>Himantopus mexicanus (=himantopus) knudseni</i>	U.S.A. (HI)	Entire	E
Stork, oriental white	<i>Ciconia ciconia boyciana</i>	China, Japan, Korea, Russia	Entire	E
Stork, wood	<i>Mycteria americana</i>	U.S.A., (CA, AZ, TX, to Carolinas), Mexico, C. and S. America	U.S.A. (AL, FL, GA, NC, SC)	E
+ Sunbird, Marungu	<i>Nectarinia prigoginei</i>	Zaire	Entire	E
Swiftlet, Mariana gray (=vanikoro)	<i>Aerodramus (=Collocalia) vanikorensis bartschi</i>	Western Pacific Ocean--U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan)	Entire	E
Teal, Campbell Island flightless	<i>Anas aucklandica nesiotis</i>	New Zealand (Campbell Island)	Entire	E
Tern, California least	<i>Sterna antillarum (=albifrons) browni</i>	Mexico, U.S.A. (CA)	Entire	E
Tern, least	<i>Sterna antillarum</i>	U.S.A. (Atlantic and Gulf coasts, Miss. R. Basin, CA), Greater and Lesser Antilles, Bahamas, Mexico; winters Central America, northern South 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, ND, NE, NM, OK, SD, TN, TX--except within 50 miles of coast)	E
Tern, roseate	<i>Sterna dougallii dougallii</i>	Tropical and temperate coasts of Atlantic Basin and East Africa	U.S.A. (Atlantic Coast south to NC), Canada (Newf., N.S., Que.), Bermuda	E
Tern, roseate	<i>Sterna dougallii dougallii</i>	Tropical and temperate coasts of Atlantic Basin and East Africa	Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered	T
Thrasher, white-breasted	<i>Ramphocinclus brachyurus</i>	West Indies--St. Lucia, Martinique	Entire	E
Thrush, large Kauai	<i>Myadestes (=Phaeornis) myadestinus</i>	U.S.A. (HI)	Entire	E
Thrush, Molokai (=oloma `o)	<i>Myadestes (=Phaeornis) lanaiensis (=obscurus) rutha</i>	U.S.A. (HI)	Entire	E
Thrush, New Zealand (wattlebird)	<i>Turnagra capensis</i>	New Zealand	Entire	E
Thrush, small Kauai (=puaiohi)	<i>Myadestes (=Phaeornis) palmeri</i>	U.S.A. (HI)	Entire	E
+ Thrush, Taita	<i>Turdus helleri</i>	Kenya	Entire	E
Tinamou, solitary	<i>Tinamus solitarius</i>	Brazil, Paraguay, Argentina	Entire	E
Towhee, Inyo California (=brown)	<i>Pipilo crissalis (=fuscus) eremophilus</i>	U.S.A. (CA)	Entire	T
Trembler, Martinique (thrasher)	<i>Cinlocerthia ruficauda gutturalis</i>	West Indies--Martinique	Entire	E

+ Turaco, Bannerman's	<i>Tauraco bannermani</i>	Cameroon	Entire	E
+ Turtle-dove, Seychelles	<i>Streptopelia picturata rostrata</i>	Seychelles	Entire	E
+ Vanga, Pollen's	<i>Xenopirostris polleni</i>	Madagascar	Entire	T
+ Vanga, Van Dam's	<i>Xenopirostris damii</i>	Madagascar	Entire	T
Vireo, black-capped	<i>Vireo atricapillus</i>	U.S.A. (KS, LA, NE, OK, TX), Mexico.	Entire	E
Vireo, least Bell's	<i>Vireo bellii pusillus</i>	U.S.A. (CA), Mexico	Entire	E
Wanderer, plain (collared-hemipode)	<i>Pedionomus torquatus</i>	Australia	Entire	E
+ Warbler, Aldabra	<i>Nesillas aldabranus</i>	Aldabra Island (Seychelles)	Entire	E
Warbler (wood), Bachman's	<i>Vermivora bachmanii</i>	U.S.A. (Southeastern), Cuba	Entire	E
Warbler (wood), Barbados yellow	<i>Dendroica petechia petechia</i>	West Indies--Barbados	Entire	E
Warbler (wood), golden-cheeked	<i>Dendroica chrysoparia</i>	U.S.A. (TX), Mexico, Guatemala, Honduras, Nicaragua, Belize	Entire	E
Warbler (wood), Kirtland's	<i>Dendroica kirtlandii</i>	U.S.A. (principally MI), Canada, West Indies--Bahama Islands	Entire	E
Warbler (Old World), nightingale reed	<i>Acrocephalus luscina</i>	West Pacific Ocean--U.S.A. (Guam, Alamagan, Saipan)	U.S.A. (Mariana Islands)	E
Warbler (Old World), Rodrigues	<i>Bebrornis rodericanus</i>	Mauritius (Rodrigues Islands)	Entire	E
Warbler (wood), Semper's	<i>Leucopezia semperi</i>	West Indies--St. Lucia	Entire	E
Warbler (Old World), Seychelles	<i>Bebrornis sechellensis</i>	Indian Ocean--Seychelles Island	Entire	E
+ Wattle-eye, banded	<i>Platysteira laticincta</i>	Cameroon	Entire	E
+ Weaver, Clarke's	<i>Ploceus golandi</i>	Kenya	Entire	E
Whipbird, western	<i>Psophodes nigrogularis</i>	Australia	Entire	E
White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	Western Pacific Ocean--U.S.A. (Guam)	Entire	E
White-eye, Norfolk Island	<i>Zosterops albogularis</i>	Indian Ocean--Norfolk Islands	Entire	E
White-eye, Ponape greater	<i>Rukia longirostra (=sanfordi)</i>	West Pacific Ocean--Federated States of Micronesia	Entire	E
White-eye, Seychelles	<i>Zosterops modesta</i>	Indian Ocean--Seychelles	Entire	E
Woodpecker, imperial	<i>Campephilus imperialis</i>	Mexico	Entire	E
Woodpecker, ivory-billed	<i>Campephilus principalis</i>	U.S.A. (southcentral and southeastern), Cuba	Entire	E
Woodpecker, red-cockaded	<i>Picooides (=Dendrocopos) borealis</i>	U.S.A. (southcentral and southeastern)	Entire	E
Woodpecker, Tristram's	<i>Dryocopus javensis richardsi</i>	Korea	Entire	E
Wren, Guadeloupe house	<i>Troglodytes aedon guadeloupensis</i>	West Indies--Guadeloupe	Entire	E
Wren, St. Lucia house	<i>Troglodytes aedon mesoleucus</i>	West Indies--St. Lucia	Entire	E
Reptiles				
Alligator, American	<i>Alligator mississippiensis</i>	Southeastern U.S.A.	Entire	T(S/A)
Alligator, Chinese	<i>Alligator sinensis</i>	China	Entire	E
Anole, Culebra Island giant	<i>Anolis roosevelti</i>	U.S.A. (PR--Culebra Island)	Entire	E
Boa, Jamaican	<i>Epicrates subflavus</i>	Jamaica	Entire	E
Boa, Mona	<i>Epicrates monensis monensis</i>	U.S.A. (PR)	Entire	T
Boa, Puerto Rican	<i>Epicrates inornatus</i>	U.S.A. (PR)	Entire	E
Boa, Round Island [no common name]	<i>Casarea dussumieri</i>	Indian Ocean--Mauritius	Entire	E
Boa, Round Island [no common name]	<i>Bolyeria multocarinata</i>	Indian Ocean--Mauritius	Entire	E
Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	U.S. and British Virgin Islands	Entire	E
Caiman, Apaporis River	<i>Caiman crocodilus apaporiensis</i>	Colombia	Entire	E
Caiman, black	<i>Melanosuchus niger</i>	Amazon basin	Entire	E
Caiman, broad-snouted	<i>Caiman latirostris</i>	Brazil, Argentina, Paraguay, Uruguay	Entire	E
Caiman, Yacare	<i>Caiman crocodilus yacare</i>	Bolivia, Argentina, Peru, Brazil	Entire	E
Chuckwalla, San Esteban Island	<i>Sauromalus varius</i>	Mexico	Entire	E
Crocodile, African dwarf	<i>Osteolaemus tetraspis tetraspis</i>	West Africa	Entire	E
Crocodile, African slender-snouted	<i>Crocodylus cataphractus</i>	Western and central Africa	Entire	E

Crocodile, American	<i>Crocodylus acutus</i>	U.S.A. (FL), Mexico, Caribbean, Central and South America	Entire	E
Crocodile, Ceylon mugger	<i>Crocodylus palustris kimbula</i>	Sri Lanka	Entire	E
Crocodile, Congo dwarf	<i>Osteolaemus tetraspis osborni</i>	Congo R. drainage	Entire	E
Crocodile, Cuban	<i>Crocodylus rhombifer</i>	Cuba	Entire	E
Crocodile, Morelet's	<i>Crocodylus moreletii</i>	Mexico, Belize, Guatemala	Entire	E
Crocodile, mugger	<i>Crocodylus palustris palustris</i>	India, Pakistan, Iran, Bangladesh	Entire	E
Crocodile, Nile	<i>Crocodylus niloticus</i>	Africa, Middle East	Entire	T
Crocodile, Orinoco	<i>Crocodylus intermedius</i>	South America--Orinoco R. basin	Entire	E
Crocodile, Philippine	<i>Crocodylus novaeguineae mindorensis</i>	Philippine Islands	Entire	E
Crocodile, saltwater (=estuarine)	<i>Crocodylus porosus</i>	Southeast Asia, Australia, Papua New Guinea, Pacific Islands, U.S.A. (Palau)	Entire, except Papua New Guinea	E
Crocodile, Siamese	<i>Crocodylus siamensis</i>	Southeast Asia, Malay Peninsula	Entire	E
Gavial (=gharial)	<i>Gavialis gangeticus</i>	Pakistan, Burma, Bangladesh, India, Nepal	Entire	E
Gecko, day	<i>Phelsuma edwardnewtoni</i>	Indian Ocean--Mauritius	Entire	E
Gecko, Monito	<i>Sphaerodactylus micropithecus</i>	U.S.A. (PR)	Entire	E
Gecko, Round Island day	<i>Phelsuma guentheri</i>	Indian Ocean--Mauritius	Entire	E
Gecko, Serpent Island	<i>Cyrtodactylus serpensinsula</i>	Indian Ocean--Mauritius	Entire	T
Iguana, Acklins ground	<i>Cyclura rileyi nuchalis</i>	West Indies--Bahamas	Entire	T
Iguana, Allen's Cay	<i>Cyclura cyclura inornata</i>	West Indies--Bahamas	Entire	T
Iguana, Andros Island ground	<i>Cyclura cyclura cyclura</i>	West Indies--Bahamas	Entire	T
Iguana, Anegada ground	<i>Cyclura pinguis</i>	West Indies--British Virgin Islands (Anegada Island)	Entire	E
Iguana, Barrington land	<i>Conolophus pallidus</i>	Ecuador (Galapagos Islands)	Entire	E
Iguana, Cayman Brac ground	<i>Cyclura nubila caymanensis</i>	West Indies--Cayman Islands	Entire	T
Iguana, Cuban ground	<i>Cyclura nubila nubila</i>	Cuba	Entire (excluding population introduced in Puerto Rico)	T
Iguana, Exuma Island	<i>Cyclura cyclura figginsi</i>	West Indies--Bahamas	Entire	T
Iguana, Fiji banded	<i>Brachylophus fasciatus</i>	Pacific--Fiji, Tonga	Entire	E
Iguana, Fiji crested	<i>Brachylophus vitiensis</i>	Pacific--Fiji	Entire	E
Iguana, Grand Cayman ground	<i>Cyclura nubila lewisi</i>	West Indies--Cayman Islands	Entire	E
Iguana, Jamaican	<i>Cyclura collei</i>	West Indies--Jamaica	Entire	E
Iguana, Mayaguana	<i>Cyclura carinata bartschi</i>	West Indies--Bahamas	Entire	T
Iguana, Mona ground	<i>Cyclura stejnegeri</i>	U.S.A. (PR--Mona Island)	Entire	T
Iguana, Turks and Caicos	<i>Cyclura carinata carinata</i>	West Indies--Turks and Caicos Islands	Entire	T
Iguana, Watling Island ground	<i>Cyclura rileyi rileyi</i>	West Indies--Bahamas	Entire	E
Iguana, White Cay ground	<i>Cyclura rileyi cristata</i>	West Indies--Bahamas	Entire	T
Lizard, blunt-nosed leopard	<i>Gambelia (=Crotaphytus) silus</i>	U.S.A. (CA)	Entire	E
Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	U.S.A. (CA)	Entire	T
Lizard, Hierro giant	<i>Gallotia simonyi simonyi</i>	Spain (Canary Islands)	Entire	E
Lizard, Ibiza wall	<i>Podarcis pityusensis</i>	Spain (Balearic Islands)	Entire	T
Lizard, Island night	<i>Xantusia (=Klauberina) riversiana</i>	U.S.A. (CA)	Entire	T
Lizard, Maria Island ground	<i>Cnemidophorus vanzoi</i>	West Indies--St. Lucia (Maria Islands)	Entire	E
Lizard, St. Croix ground	<i>Ameiva polops</i>	U.S.A. (VI)	Entire	E
Monitor, Bengal	<i>Varanus bengalensis</i>	Iran, Iraq, India, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand	Entire	E
Monitor, desert	<i>Varanus griseus</i>	North Africa to Aral Sea, through Central Asia to Pakistan, Northwest India	Entire	E
Monitor, Komodo Island	<i>Varanus komodoensis</i>	Indonesia (Komodo, Rintja, Padar, and western Flores Island)	Entire	E
Monitor, yellow	<i>Varanus flavescens</i>	West Pakistan through India to Bangladesh	Entire	E
Python, Indian	<i>Python molurus molurus</i>	Sri Lanka and India	Entire	E
Rattlesnake, Aruba Island	<i>Crotalus unicolor</i>	Aruba Island (Netherland Antilles)	Entire	T

Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	U.S.A. (NM), Mexico	Entire	T
Skink, bluetail (=blue-tailed) mole	<i>Eumeces egregius lividus</i>	U.S.A. (FL)	Entire	T
Skink, Round Island	<i>Leiolopisma telfairi</i>	Indian Ocean--Mauritius	Entire	T
Skink, sand	<i>Neoseps reynoldsi</i>	U.S.A. (FL)	Entire	T
Snake, Atlantic salt marsh	<i>Nerodia clarkii (=fasciata) taeniata</i>	U.S.A. (FL)	Entire	T
Snake, Concho water	<i>Nerodia paucimaculata (=harteri p.)</i>	U.S.A. (TX)	Entire	T
Snake, eastern indigo	<i>Drymarchon corais couperi</i>	U.S.A. (AL, FL, GA, MS, SC)	Sntire	T
Snake, giant garter	<i>Thamnophis gigas</i>	U.S.A. (CA)	Entire	T
Snake, Maria Island	<i>Liophus ornatus</i>	West Indies--St. Lucia (Maria Islands)	Entire	E
Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	U.S.A. (CA)	Entire	E
Tartaruga	<i>Podocnemis expansa</i>	South America--Orinoco R. and Amazon R. basins	Entire	E
Terrapin, river (=tuntong)	<i>Batagur baska</i>	Malaysia, Bangladesh, Burma, India, Indonesia	Entire	E
Tomistoma	<i>Tomistoma schlegelii</i>	Malaysia, Indonesia	Entire	E
Tortoise, angulated	<i>Geochelone yniphora</i>	Malagasy Republic (=Madagascar)	Entire	E
Tortoise, Bolson	<i>Gopherus flavomarginatus</i>	Mexico	Entire	E
Tortoise, desert	<i>Gopherus (=Xerobates, =Scaptochelys) agassizii</i>	U.S.A. (AZ, CA, NV, UT), Mexico	Entire, except AZ south and east of Colorado R., and Mexico	T
Tortoise, desert	<i>Gopherus (=Xerobates, =Scaptochelys) agassizii</i>	U.S.A. (AZ, CA, NV, UT), Mexico	AZ south and east of Colorado R., and Mexico, when found outside of Mexico or said range in AZ	T(S/A)
Tortoise, Galapagos	<i>Geochelone elephantopus</i>	Ecuador (Galapagos Islands)	Entire	E
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
Tortoise, radiated	<i>Geochelone (=Testudo) radiata</i>	Malagasy Republic (=Madagascar)	Entire	E
Tracaja	<i>Podocnemis unifilis</i>	South America--Orinoco R. and Amazon R. basins	Entire	E
Tuatara	<i>Sphenodon punctatus</i>	New Zealand	Entire	E
Turtle, Alabama redbelly (=red-bellied)	<i>Pseudemys alabamensis</i>	U.S.A. (AL)	Entire	E
Turtle, aquatic box	<i>Terrapene coahuila</i>	Mexico	Entire	E
Turtle, black softshell	<i>Trionyx nigricans</i>	Bangladesh	Entire	E
Turtle, Brazilian (=Hoge's) sideneck	<i>Phrynops hogeni</i>	Brazil	Entire	E
Turtle, Burmese peacock	<i>Morenia ocellata</i>	Burma	Entire	E
Turtle, Cat Island	<i>Trachemys terrapen</i>	West Indies--Jamaica, Bahamas	Cat Island in the Bahamas	E
Turtle, Central American river	<i>Dermatemys mawii</i>	Mexico, Belize, Guatemala	Entire	E
Turtle, Cuatro Cienegas softshell	<i>Trionyx ater</i>	Mexico	Entire	E
Turtle, flattened musk	<i>Sternotherus depressus</i>	U.S.A. (AL)	Black Warrior R. system upstream from Bankhead Dam	T
Turtle, geometric	<i>Psammobates geometricus (=Geochelone geometrica)</i>	South Africa	Entire	E
Turtle, green sea	<i>Chelonia mydas</i>	Circumglobal in tropical and temperate seas and oceans	Breeding colony populations in FL and on Pacific coast of Mexico	E
Turtle, green sea	<i>Chelonia mydas (incl. agassizi)</i>	Circumglobal in tropical and temperate seas and oceans	Wherever found except where listed as endangered above	T
Turtle, hawksbill sea (=carey)	<i>Eretmochelys imbricata</i>	Tropical seas	Entire	E
Turtle, Inagua Island	<i>Trachemys stejnegeri malonei</i>	West Indies--Bahamas (Great Inagua Island)	Entire	E
Turtle, Indian sawback	<i>Kachuga tecta tecta</i>	India	Entire	E
Turtle, Indian softshell	<i>Trionyx gangeticus</i>	Pakistan, India	Entire	E
Turtle, Kemp's (=Atlantic) ridley sea	<i>Lepidochelys kempii</i>	Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico	Entire	E
Turtle, leatherback sea	<i>Dermochelys coriacea</i>	Tropical, temperate, and subpolar seas	Entire	E
Turtle, loggerhead sea	<i>Caretta caretta</i>	Circumglobal in tropical and temperate seas and oceans	Entire	T

Turtle, olive (=Pacific) ridley sea	<i>Lepidochelys olivacea</i>	Circumglobal in tropical and temperate seas	Breeding colony populations on Pacific coast of Mexico	E
Turtle, olive (=Pacific) ridley sea	<i>Lepidochelys olivacea</i>	Circumglobal in tropical and temperate seas	Wherever found except where listed as endangered above	T
Turtle, peacock softshell	<i>Trionyx hurum</i>	India, Bangladesh	Entire	E
Turtle, Plymouth redbelly (=red-bellied)	<i>Pseudemys (=Chrysemys) rubriventris bangsi</i>	U.S.A. (MA)	Entire	E
Turtle, ringed map (=sawback)	<i>Graptemys oculifera</i>	U.S.A. (LA, MS)	Entire	T
Turtle, short-necked or western swamp	<i>Pseudemys dura umbrina</i>	Australia	Entire	E
Turtle, South American red-lined	<i>Trachemys scripta callirostris</i>	Colombia, Venezuela	Entire	E
Turtle, spotted pond	<i>Geoclemys (=Damonina) hamiltonii</i>	North India, Pakistan	Entire	E
Turtle, three-keeled Asian	<i>Melanochelys (=Geoemyda, =Nicatoria) tricarinata</i>	Central India to Bangladesh and Burma	Entire	E
Turtle, yellow-blotched map (=sawback)	<i>Graptemys flavimaculata</i>	U.S.A. (MS)	Entire	T
Viper, Lar Valley	<i>Vipera latifii</i>	Iran	Entire	E
Amphibians				
Coqui, golden	<i>Eleutherodactylus jasperi</i>	U.S.A. (PR)	Entire	T
+ Frog, Goliath	<i>Conraua goliath</i>	Cameroon, Equatorial Guinea, Gabon	Entire	T
Frog, Israel painted	<i>Discoglossus nigriventris</i>	Israel	Entire	E
Frog, Panamanian golden	<i>Atelopus varius zeteki</i>	Panama	Entire	E
Frog, Stephen Island	<i>Leiopelma hamiltoni</i>	New Zealand	Entire	E
Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	U.S.A. (WV)	Entire	T
Salamander, Chinese giant	<i>Andrias davidianus davidianus</i>	Western China	Entire	E
Salamander, desert slender	<i>Batrachoseps aridus</i>	U.S.A. (CA)	Entire	E
Salamander, Japanese giant	<i>Andrias davidianus japonicus</i>	Japan	Entire	E
Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	U.S.A. (AL)	Entire	T
Salamander, San Marcos	<i>Eurycea nana</i>	U.S.A. (TX)	Entire	T
Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	U.S.A. (CA)	Entire	E
Salamander, Shenandoah	<i>Plethodon shenandoah</i>	U.S.A. (VA)	Entire	E
Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	U.S.A. (TX)	Entire	E
+ Toad, Arroyo southwestern	<i>Bufo microscaphus californicus</i>	U.S.A. (CA), Mexico.	Entire	E
Toads, African viviparous	<i>Nectophrynoides</i> spp. (all)	Tanzania, Guinea, Ivory Coast, Cameroon, Liberia, Ethiopia	Entire	E
Toad, Cameroon	<i>Bufo superciliaris</i>	Equatorial Africa	Entire	E
Toad, Houston	<i>Bufo houstonensis</i>	U.S.A. (TX)	Entire	E
Toad, Monte Verde	<i>Bufo periglenes</i>	Costa Rica	Entire	E
Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	U.S.A. (PR), British Virgin Islands	Entire	T
Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	U.S.A. (WY)	Entire	E
Fishes				
Ala Balik (trout)	<i>Salmo platycephalus</i>	Turkey	Entire	E
Ayumodoki (loach)	<i>Hymenophysa (=Botia) curta</i>	Japan	Entire	E
Blindcat, Mexican (catfish)	<i>Prietella phreatophila</i>	Mexico	Entire	E
Bonytongue, Asian	<i>Scleropages formosus</i>	Thailand, Indonesia, Malaysia	Entire	E
Catfish [no common name]	<i>Pangasius sanitwongsei</i>	Thailand	Entire	E
Catfish, giant	<i>Pangasianodon gigas</i>	Thailand	Entire	E
Catfish, Yaqui	<i>Ictalurus pricei</i>	U.S.A. (AZ), Mexico	Entire	T
Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	U.S.A. (AL)	Entire	E
Cavefish, Ozark	<i>Amblyopsis rosae</i>	U.S.A. (AR, MO, OK)	Entire	T
Chub, bonytail	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY)	Entire	E
Chub, Borax Lake	<i>Gila boraxobius</i>	U.S.A. (OR)	Entire	E
Chub, Chihuahua	<i>Gila nigrescens</i>	U.S.A. (NM), Mexico (Chihuahua)	Entire	T
Chub, humpback	<i>Gila cypha</i>	U.S.A. (AZ, CO, UT, WY)	Entire	E

Chub, Hutton tui	<i>Gila bicolor ssp.</i>	U.S.A. (OR)	Entire	T
Chub, Mohave tui	<i>Gila bicolor mohavensis</i>	U.S.A. (CA)	Entire	E
Chub, Oregon	<i>Oregonichthys (=Hybopsis) crameri</i>	U.S.A. (OR)	Entire	E
Chub, Owens tui	<i>Gila bicolor snyderi</i>	U.S.A. (CA)	Entire	E
Chub, Pahrnagat roundtail (=bonytail)	<i>Gila robusta jordani</i>	U.S.A. (NV)	Entire	E
Chub, slender	<i>Erimystax (=Hybopsis) cahni</i>	U.S.A. (TN, VA)	Entire	T
Chub, Sonora	<i>Gila ditaenia</i>	U.S.A., (AZ), Mexico	Entire	T
Chub, spotfin (=turquoise shiner)	<i>Cyprinella (=Hybopsis) monacha</i>	U.S.A. (AL, GA, NC, TN, VA)	Entire	T
Chub, Virgin River	<i>Gila robusta seminuda</i>	U.S.A. (AZ, NV, UT)	Entire	E
Chub, Yaqui	<i>Gila purpurea</i>	U.S.A. (AZ), Mexico	Entire	E
Cicek (minnow)	<i>Acanthorutilus handlirschi</i>	Turkey	Entire	E
Cui-ui	<i>Chasmistes cujus</i>	U.S.A. (NV)	Entire	E
Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	U.S.A. (NV)	Entire	E
Dace, blackside	<i>Phoxinus cumberlandensis</i>	U.S.A. (KY, TN)	Entire	T
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	U.S.A. (NV)	Entire	E
Dace, desert	<i>Eremichthys acros</i>	U.S.A. (NV)	Entire	T
Dace, Foskett speckled	<i>Rhinichthys osculus ssp.</i>	U.S.A. (OR)	Entire	T
Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	U.S.A. (NV)	Entire	E
Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	U.S.A. (WY)	Entire	E
Dace, Moapa	<i>Moapa coriacea</i>	U.S.A. (NV)	Entire	E
Darter, amber	<i>Percina antesella</i>	U.S.A. (AL, GA, TN)	Entire	E
Darter, bayou	<i>Etheostoma rubrum</i>	U.S.A. (MS)	Entire	T
Darter, bluemark (=jewel)	<i>Etheostoma (Doration) sp.</i>	U.S.A. (TN)	Entire	E
Darter, boulder (=Elk River)	<i>Etheostoma wapiti</i>	U.S.A. (AL, TN)	Entire	E
+ Darter, Cherokee	<i>Etheostoma (Ulocentra) sp.</i>	U.S.A. (GA)	Entire	T
Darter, duskytail	<i>Etheostoma (Catonotus) sp.</i>	U.S.A. (TN, VA)	Entire	E
+ Darter, Etowah	<i>Etheostoma etowahae</i>	U.S.A. (GA)	Entire	E
Darter, fountain	<i>Etheostoma fonticola</i>	U.S.A. (TX)	Entire	E
Darter, goldline	<i>Percina aurolineata</i>	U.S.A. (AL, GA, TN)	Entire	T
Darter, leopard	<i>Percina pantherina</i>	U.S.A. (AR, OK)	Entire	T
Darter, Maryland	<i>Etheostoma sellare</i>	U.S.A. (MD)	Entire	E
Darter, Niangua	<i>Etheostoma nianguae</i>	U.S.A. (MO)	Entire	T
Darter, Okaloosa	<i>Etheostoma okaloosae</i>	U.S.A. (FL)	Entire	E
Darter, relict	<i>Etheostoma (Catonotus) chienense</i>	U.S.A. (KY)	Entire	E
Darter, slackwater	<i>Etheostoma boschungii</i>	U.S.A. (AL, TN)	Entire	T
Darter, snail	<i>Percina tanasi</i>	U.S.A. (AL, GA, TN)	Entire	T
Darter, watercress	<i>Etheostoma nuchale</i>	U.S.A. (AL)	Entire	E
Gambusia, Big Bend	<i>Gambusia gaigei</i>	U.S.A. (TX)	Entire	E
Gambusia, Clear Creek	<i>Gambusia heterochir</i>	U.S.A. (TX)	Entire	E
Gambusia, Pecos	<i>Gambusia nobilis</i>	U.S.A. (NM, TX)	Entire	E
Gambusia, San Marcos	<i>Gambusia georgei</i>	U.S.A. (TX)	Entire	E
Goby, tidewater	<i>Eucyclogobius newberryi</i>	U.S.A. (CA)	Entire	E
Logperch, Conasauga	<i>Percina jenkinsi</i>	U.S.A. (GA, TN)	Entire	E
Logperch, Roanoke	<i>Percina rex</i>	U.S.A. (VA)	Entire	E
Madtom, Neosho	<i>Noturus placidus</i>	U.S.A. (KS, MO, OK)	Entire	T
Madtom, pygmy	<i>Noturus stanauli</i>	U.S.A. (TN)	Entire	E
Madtom, Scioto	<i>Noturus trautmani</i>	U.S.A. (OH)	Entire	E
Madtom, smoky	<i>Noturus baileyi</i>	U.S.A. (TN)	Entire	E
Madtom, yellowfin	<i>Noturus flavipinnis</i>	U.S.A. (TN, VA)	Entire, except where listed as an experimental population below	T

Madtom, yellowfin	<i>Noturus flavipinnis</i>	U.S.A. (TN, VA)	N. Fork Holston R., VA, TN; S. Fork Holston R., upstream to Ft. Patrick Henry Dam, TN; Holston R., downstream to John Sevier Detention Lake Dam, TN; and all tributaries thereto	XN
Minnow, loach	<i>Rhinichthys (=Tiaroga) cobitis</i>	U.S.A. (AZ, NM), Mexico	Entire	T
Minnow, Rio Grande silvery	<i>Hybognathus amarus</i>	U.S.A. (NM, TX), Mexico	Cyprinidae	E
Nekogigi (catfish)	<i>Coreobagrus ichikawai</i>	Japan	Entire	E
Poofish (=killifish), Pahump	<i>Empetrichthys latos</i>	U.S.A. (NV)	Entire	E
Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	U.S.A. (NV)	Entire	E
Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	U.S.A. (TX)	Entire	E
Pupfish, desert	<i>Cyprinodon macularius</i>	U.S.A. (AZ, CA) Mexico	Entire	E
Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	U.S.A. (NV)	Entire	E
Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	U.S.A. (TX)	Entire	E
Pupfish, Owens	<i>Cyprinodon radiosus</i>	U.S.A. (CA)	Entire	E
Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	U.S.A. (NV)	Entire	E
Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	North Pacific Basin from U.S.A. (CA) to Japan	Sacramento R. (U.S.A.--CA) winter run, wherever found	E
● Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	North Pacific Basin from U.S.A. (CA) to Japan	Snake R. (U.S.A.--ID,OR,WA) mainstem and the following subbasins--Tucannon R., Grande Ronde R., Imnaha R., and Salmon R.; spring/summer run, natural population(s), wherever found	E
● Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	North Pacific Basin from U.S.A. (CA) to Japan	Snake R. (U.S.A.--ID, OR, WA) mainstem and the following subbasins--Tucannon R., Grande Ronde R., Imnaha R., Salmon R., and Clearwater R.; fall run, natural populations(s), wherever found	E
Salmon, sockeye (=red, =blueback)	<i>Oncorhynchus nerka</i>	North Pacific Basin from U.S.A. (CA) to Russia	U.S.A. (Snake River, ID stock wherever found.)	E
Sculpin, pygmy	<i>Cottus pygmaeus</i>	U.S.A. (AL)	Entire	T
Shiner, beautiful	<i>Cyprinella (=Notropis) formosa</i>	U.S.A. (AZ, NM), Mexico	Entire	T
Shiner, blue	<i>Cyprinella (=Notropis) caerulea</i>	U.S.A. (AL, GA, TN)	Entire	T
Shiner, Cahaba	<i>Notropis cahabae</i>	U.S.A. (AL)	Entire	E
Shiner, Cape Fear	<i>Notropis mekistocholas</i>	U.S.A. (NC)	Entire	E
Shiner, Palezone	<i>Notropis</i> sp.	U.S.A. (AL, KY, TN)	Entire	E
Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	U.S.A. (NM)	Entire	T
Silverside, Waccamaw	<i>Menidia extensa</i>	U.S.A. (NC)	Entire	T
Smelt, delta	<i>Hypomesus transpacificus</i>	U.S.A. (CA)	Entire	T
Spikedace	<i>Meda fulgida</i>	U.S.A. (AZ, NM), Mexico	Entire	T
Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	U.S.A. (NV)	Entire	T
Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	U.S.A. (AZ)	Entire	T
Spinedace, White River	<i>Lepidomeda albivallis</i>	U.S.A. (NV)	Entire	E
Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	U.S.A. (NV)	Entire	E
Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	U.S.A. (NV)	Entire	T
Springfish, White River	<i>Crenichthys baileyi baileyi</i>	U.S.A. (NV)	Entire	E
Squawfish, Colorado	<i>Ptychocheilus lucius</i>	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico	Entire, except Salt and Verde R. drainages, AZ	E
Squawfish, Colorado	<i>Ptychocheilus lucius</i>	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico	Salt and Verde R. drainages, AZ	XN
Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	U.S.A. (CA)	Entire	E
Sturgeon, Gulf	<i>Acipenser oxyrinchus desotoi</i>	U.S.A. (AL, FL, GA, LA, MS)	Entire	T
Sturgeon, pallid	<i>Scaphirhynchus albus</i>	U.S.A. (AR, IA, IL, KS, KY, LA, MO, MS, MT, ND, NE, SD, TN)	Entire	E
Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	U.S.A. and Canada (Atlantic Coast)	Entire	E

+ Sturgeon, white (Kootenai River pop.)	<i>Acipenser transmontanus</i>	U.S.A. (ID, MT), Canada (B.C.)	Entire	E
Sucker, June	<i>Chasmistes liorus</i>	U.S.A. (UT)	Entire	E
Sucker, Lost River	<i>Deltistes luxatus</i>	U.S.A. (CA, OR)	Entire	E
Sucker, Modoc	<i>Catostomus microps</i>	U.S.A. (CA)	Entire	E
Sucker, razorback	<i>Xyrauchen texanus</i>	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico	Entire	E
Sucker, shortnose	<i>Chasmistes brevirostris</i>	U.S.A. (CA, OR)	Entire	E
Sucker, Warner	<i>Catostomus warnerensis</i>	U.S.A. (OR)	Entire	T
Tango, Miyako (Tokyo bitterling)	<i>Tanakia tanago</i>	Japan	Entire	E
Temoleh, Ikan (minnow)	<i>Probarbus jullieni</i>	Thailand, Cambodia, Vietnam, Malaysia, Laos	Entire	E
Topminnow, Gila (incl. Yaqui)	<i>Poeciliopsis occidentalis</i>	U.S.A. (AZ, NM), Mexico	U.S.A. only	E
Totoaba (seatrout or weakfish)	<i>Cynoscion macdonaldi</i>	Mexico (Gulf of California)	Entire	E
Trout, Apache (=Arizona)	<i>Oncorhynchus (=Salmo) apache</i>	U.S.A. (AZ)	Entire	T
Trout, Gila	<i>Oncorhynchus (=Salmo) gilae</i>	U.S.A. (AZ, NM)	Entire	E
Trout, greenback cutthroat	<i>Oncorhynchus (=Salmo) clarki stomias</i>	U.S.A. (CO)	Entire	T
Trout, Lahontan cutthroat	<i>Oncorhynchus (=Salmo) clarki henshawi</i>	U.S.A. (CA, NV, OR, UT)	Entire	T
Trout, Little Kern golden	<i>Oncorhynchus (=Salmo) aguabonita whitei</i>	U.S.A. (CA)	Entire	T
Trout, Paiute cutthroat	<i>Oncorhynchus (=Salmo) clarki seleniris</i>	U.S.A. (CA)	Entire	T
Woundfin	<i>Plagopterus argentissimus</i>	U.S.A. (AZ, NV, UT)	Entire, except Gila R. drainage, AZ, NM	E
Woundfin	<i>Plagopterus argentissimus</i>	U.S.A. (TN, VA)	Gila R. drainage, AZ, NM	XN
Clams				
Acornshell, southern	<i>Epioblasma othcaloogensis</i>	U.S.A. (AL, GA, TN)	NA	E
Clubshell	<i>Pleurobema clava</i>	U.S.A. (AL, IL, IN, KY, MI, OH, PA, TN, WV)	NA	E
Clubshell, black (=Curtus' mussel)	<i>Pleurobema curtum</i>	U.S.A. (AL, MS)	NA	E
Clubshell, ovate	<i>Pleurobema perovatum</i>	U.S.A. (AL, GA, MS, TN)	NA	E
Clubshell, southern	<i>Pleurobema decisum</i>	U.S.A. (AL, GA, MS, TN)	NA	E
Combshell, southern (=penitent mussel)	<i>Epioblasma (=Dysnomia) penita</i>	U.S.A. (AL, MS)	NA	E
Combshell, upland	<i>Epioblasma metastrata</i>	U.S.A. (AL, GA, TN)	NA	E
+ Elktoe, Appalachian	<i>Alasmidonta raveneliana</i>	U.S.A. (NC, TN)	NA	E
Fanshell	<i>Cyprogenia stegaria (irrorata)</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, VA, WV)	NA	E
Fatmucket, Arkansas	<i>Lampsilis powelli</i>	U.S.A. (AR)	NA	T
Heelsplitter, Carolina	<i>Lasmigona decorata</i>	U.S.A. (NC, SC)	NA	E
Heelsplitter, inflated	<i>Potamilus inflatus</i>	U.S.A. (AL, LA, MS)	NA	T
Kidneyshell, triangular	<i>Ptychobranchus greeni</i>	U.S.A. (AL, GA, TN)	NA	E
Lampmussel, Alabama (=Pearly mussel, Alabama lamp)	<i>Lampsilis virescens</i>	U.S.A. (AL, TN)	NA	E
Moccasinshell, Alabama	<i>Medionidus acutissimus</i>	U.S.A. (AL, GA, MS)	NA	T
Moccasinshell, Coosa	<i>Medionidus parvulus</i>	U.S.A. (AL, GA, TN)	NA	E
Mucket, orange-nacre	<i>Lampsilis perovalis</i>	U.S.A. (AL, MS)	NA	T
Mussel, dwarf wedge	<i>Alasmidonta heterodon</i>	U.S.A. (CT, DC, DE, MA, MD, NC, NH, NJ, NY, PA, VA, VT), Canada (N.B.)	NA	E
Mussel, ring pink (=golf stick pearly)	<i>Obovaria retusa</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV)	NA	E
Mussel, winged mapleleaf	<i>Quadrula fragosa</i>	U.S.A. (IA, IL, IN, KY, MN, MO, NE, OH, OK, TN, WI)	NA	E
Pearlshell, Louisiana	<i>Margaritifera hembeli</i>	U.S.A. (LA)	NA	T
Pearlymussel, Appalachian monkeyface	<i>Quadrula sparsa</i>	U.S.A. (TN, VA)	NA	E
Pearlymussel, birdwing	<i>Conradilla caelata</i>	U.S.A. (TN, VA)	NA	E
Pearlymussel, cracking	<i>Hemistena (=Lastena) lata</i>	U.S.A. (AL, IL, IN, KY, OH, TN, VA)	NA	E
Pearlymussel, Cumberland bean	<i>Villosa (=Micromya) trabalis</i>	U.S.A. (KY, TN, VA)	NA	E
Pearlymussel, Cumberland monkeyface	<i>Quadrula intermedia</i>	U.S.A. (AL, TN, VA)	NA	E
Pearlymussel, Curtis'	<i>Epioblasma (=Dysnomia) florentina curtisi</i>	U.S.A. (AR, MO)	NA	E
Pearlymussel, dromedary	<i>Dromus dromas</i>	U.S.A. (AL, KY, TN, VA)	NA	E

Pearlymussel, green-blossom	<i>Epioblasma (=Dysnomia) torulosa gubernaculum</i>	U.S.A. (TN, VA)	NA	E
Pearlymussel, Higgins' eye	<i>Lampsilis higginsii</i>	U.S.A. (IA, IL, MN, MO, NE, WI)	NA	E
Pearlymussel, little-wing	<i>Pegias fabula</i>	U.S.A. (AL, KY, NC, TN, VA)	NA	E
Pearlymussel, Nicklin's	<i>Megaloniais nicklineana</i>	Mexico	NA	E
Pearlymussel, orange-foot pimpleback	<i>Plethobasus cooperianus</i>	U.S.A. (AL, IA, IL, IN, KY, OH, PA, TN)	NA	E
Pearlymussel, pale lilliput	<i>Toxolasma (=Carunculina) cylindrellus</i>	U.S.A. (AL, TN)	NA	E
Pearlymussel, pink mucket	<i>Lampsilis abrupta (=orbiculata)</i>	U.S.A. (AL, IL, IN, KY, LA, MO, OH, PA, TN, VA, WV)	NA	E
Pearlymussel, purple cat's paw	<i>Epioblasma (=Dysnomia) obliquata obliquata (=E. sulcata sulcata)</i>	U.S.A. (AL, IL, IN, KY, OH, TN)	NA	E
Pearlymussel, Tampico	<i>Cyrtonaias tampicoensis tecomatensis</i>	Mexico	NA	E
Pearlymussel, tubercled-blossom	<i>Epioblasma (=Dysnomia) torulosa torulosa</i>	U.S.A. (AL, IL, IN, KY, TN, WV)	NA	E
Pearlymussel, turgid-blossom	<i>Epioblasma (=Dysnomia) turgidula</i>	U.S.A. (AL, TN)	NA	E
Pearlymussel, white cat's paw	<i>Epioblasma (=Dysnomia) sulcata delicata</i>	U.S.A. (IN, MI, OH)	NA	E
Pearlymussel, white wartyback	<i>Plethobasus cicatricosus</i>	U.S.A. (AL, IL, IN, KY, TN)	NA	E
Pearlymussel, yellow-blossom	<i>Epioblasma (=Dysnomia) florentina florentina</i>	U.S.A. (AL, TN)	NA	E
Pigtoe, Cumberland (=Cumberland pigtoe mussel)	<i>Pleurobema gibberum</i>	U.S.A. (TN)	NA	E
Pigtoe, dark	<i>Pleurobema furvum</i>	U.S.A. (AL)	NA	E
Pigtoe, fine-rayed	<i>Fusconaia cuneolus</i>	U.S.A. (AL, TN, VA)	NA	E
Pigtoe, flat (=Marshall's mussel)	<i>Pleurobema marshalli</i>	U.S.A. (AL, MS)	NA	E
Pigtoe, heavy (=Judge Tait's mussel)	<i>Pleurobema taitianum</i>	U.S.A. (AL, MS)	NA	E
Pigtoe, rough	<i>Pleurobema plenum</i>	U.S.A. (AL, IN, KY, TN, VA)	NA	E
Pigtoe, shiny	<i>Fusconaia cor (=edgariana)</i>	U.S.A. (AL, TN, VA)	NA	E
Pigtoe, southern	<i>Pleurobema georgianum</i>	U.S.A. (AL, GA, TN)	NA	E
Pocketbook, fat	<i>Potamilus (=Proptera) capax</i>	U.S.A. (AR, IA, IL, IN, KY, MO, MS, OH)	NA	E
Pocketbook, fine-lined	<i>Lampsilis altilis</i>	U.S.A. (AL, GA)	NA	T
Pocketbook, speckled	<i>Lampsilis streckeri</i>	U.S.A. (AR)	NA	E
Riffleshell, northern	<i>Epioblasma torulosa rangiana</i>	U.S.A. (IL, IN, KY, MI, OH, PA, WV), Canada (Ont.)	NA	E
Riffleshell, tan	<i>Epioblasma walkeri</i>	U.S.A. (KY, TN, VA)	NA	E
Rock-pocketbook, Ouachita (=Wheeler's pearly mussel)	<i>Arkansia (=Arcidens) wheeleri</i>	U.S.A. (AR, OK)	NA	E
Spinymussel, James River (=Virginia)	<i>Pleurobema (=Fusconaia, =Elliptio, =Cant collina</i>	U.S.A. (VA, WV)	NA	E
Spinymussel, Tar River	<i>Elliptio (Canthyria) steinstansana</i>	U.S.A. (NC)	NA	E
Stirrupshell	<i>Quadrula stapes</i>	U.S.A. (AL, MS)	NA	E
Snails				
Ambersnail, Kanab	<i>Oxyloma haydeni kanabensis</i>	U.S.A. (AZ, UT)	NA	E
Limpet, Banbury Springs	<i>Lanx</i> sp.	U.S.A. (ID)	NA	E
Marstonia (snail), royal (=obese)	<i>Pyrgulopsis ogmoraphe(=Marstonia o.)</i>	U.S.A. (TN)	NA	E
Riversnail, Anthony's	<i>Athearnia anthonyi</i>	U.S.A. (AL, GA, TN)	NA	E
Shagreen, Magazine Mountain	<i>Mesodon magazinensis</i>	U.S.A. (AR)	NA	T
Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i> (=undescribed Hydrobiid genus and species)	U.S.A. (ID)	NA	T
Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	U.S.A. (NY)	NA	T
Snail, flat-spined three-toothed	<i>Triodopsis platysayoides</i>	U.S.A. (WV)	NA	T
Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	U.S.A. (IA, IL)	NA	E
Snail, Manus Island tree	<i>Papustyla pulcherrima</i>	Pacific Ocean--Admiralty Is. (Manus Is.)	NA	E
+ Snail, Morro shoulderband (=Banded dune)	<i>Helminthoglypta walkeriana</i>	U.S.A. (CA)	NA	E
Snail, noonday	<i>Mesodon clarki nantahala</i>	U.S.A. (NC)	NA	T
Snail, painted snake coiled forest	<i>Anguispira picta</i>	U.S.A. (TN)	NA	T

Snail, Snake River physa	<i>Physa natricina</i>	U.S.A. (ID)	NA	E
Snail, Stock Island tree	<i>Orthalicus reses</i> (not incl. <i>nesodryas</i>)	U.S.A. (FL)	NA	T
Snail, tulotoma (=Alabama live-bearing)	<i>Tulotoma magnifica</i>	U.S.A. (AL)	NA	E
Snail, Utah valvata	<i>Valvata utahensis</i>	U.S.A. (ID)	NA	E
Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	U.S.A. (VA)	NA	E
Snails, Oahu tree	<i>Achatinella</i> spp.^	U.S.A. (HI)	NA	E
Springsnail, Alamosa	<i>Tryonia alamosae</i>	U.S.A. (NM)	NA	E
Springsnail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	U.S.A. (ID)	NA	E
Springsnail, Idaho	<i>Fonticella idahoensis</i>	U.S.A. (ID)	NA	E
Springsnail, Socorro	<i>Pyrgulopsis neomexicana</i>	U.S.A. (NM)	NA	E
Insects				
Beetle, American burying (=giant carrion)	<i>Nicrophorus americanus</i>	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada	NA	E
Beetle, Coffin Cave mold	<i>Batrissodes texanus</i>	U.S.A. (TX)	NA	E
Beetle, delta green ground	<i>Elaphrus viridis</i>	U.S.A. (CA)	NA	T
Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	U.S.A. (MI, Canada)	NA	E
Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	U.S.A. (TX)	NA	E
Beetle, northeastern beach tiger	<i>Cicindela dorsalis dorsalis</i>	U.S.A. (CT, MA, MD, NJ, NY, PA, RI, VA)	NA	T
Beetle, Puritan tiger	<i>Cicindela puritana</i>	U.S.A. (CT, MA, MD, NH, VT)	NA	T
Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	U.S.A. (TX)	NA	E
Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	U.S.A. (CA)	NA	T
Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	U.S.A. (CA)	NA	T
Butterfly, Corsican swallowtail	<i>Papilio hospiton</i>	Corsica, Sardinia	NA	E
Butterfly, El Segundo blue	<i>Euphilotes (=Shijimiaeoides) battoides allyni</i>	U.S.A. (CA)	NA	E
Butterfly, Homerus swallowtail	<i>Papilio homerus</i>	Jamaica	NA	E
Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	U.S.A. (IL, IN, MA, MI, MN, NH, NY, OH, PA, WI), Canada (Ont.)	NA	E
Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	U.S.A. (CA)	NA	E
Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	U.S.A. (CA)	NA	E
Butterfly, Luzon peacock swallowtail	<i>Papilio chikae</i>	Philippines	NA	E
Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	U.S.A. (CA)	NA	E
Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	U.S.A. (IN, MI, NJ, OH)	NA	E
Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	U.S.A. (CA)	NA	E
Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	U.S.A. (CA, OR, WA)	NA	T
Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	U.S.A. (CA)	NA	E
Butterfly, Queen Alexandra's birdwing	<i>Troides (=Ornithoptera) alexandrae</i>	Papua New Guinea	NA	E
● Butterfly, Saint Francis' satyr	<i>Neonympha mitchellii francisci</i>	U.S.A. (NC)	NA	E
Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	U.S.A. (CA)	NA	E
Butterfly, Schaus swallowtail	<i>Heraclides (=Papilio) aristodemus ponceanus</i>	U.S.A. (FL)	NA	E
Butterfly, Smith's blue	<i>Euphilotes (=Shijimiaeoides) enoptes smithi</i>	U.S.A. (CA)	NA	E
Butterfly, Uncompahgre fritillary	<i>Boloria acrocneema</i>	U.S.A. (CO)	NA	E
+ Dragonfly, Hine's (=Ohio) emerald	<i>Somatochlora hineana</i>	U.S.A. (IL, IN, OH, WI)	NA	E
Fly, Delhi Sands flower-loving	<i>Rhaphiomidas terminatus abdominalis</i>	U.S.A. (CA)	NA	E
Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	U.S.A. (CA)	NA	T
Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	U.S.A. (NV)	NA	T
Skipper, Pawnee montane	<i>Hesperia leonardus (=pawnee) montana</i>	U.S.A. (CO)	NA	T
Arachnids				
Harvestman, Bee Creek Cave	<i>Texella reddelli</i>	U.S.A. (TX)	NA	E
Harvestman, Bone Cave	<i>Texella reyesi</i>	U.S.A. (TX)	NA	E
Pseudoscorpion, Tooth Cave	<i>Microcreagris texana</i>	U.S.A. (TX)	NA	E

Spider, Tooth Cave	<i>Leptoneta myopica</i>	U.S.A. (TX)	NA	E
Crustaceans				
Amphipod, Hay's Spring	<i>Stygobromus hayi</i>	U.S.A. (DC)	NA	E
Crayfish, cave [no common name]	<i>Cambarus zophonastes</i>	U.S.A. (AR)	NA	E
Crayfish, cave [no common name]	<i>Cambarus aculabrum</i>	U.S.A. (AR)	NA	E
Crayfish, Nashville	<i>Orconectes shoupi</i>	U.S.A. (TN)	NA	E
Crayfish, Shasta (=placid)	<i>Pacifastacus fortis</i>	U.S.A. (CA)	NA	E
Isopod, Lee County cave	<i>Lirceus usdagalun</i>	U.S.A. (VA)	NA	E
Isopod, Madison Cave	<i>Antrolana lira</i>	U.S.A. (VA)	NA	T
Isopod, Socorro	<i>Thermosphaeroma (=Exosphaeroma) thermophilus</i>	U.S.A. (NM)	NA	E
+ Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	U.S.A. (CA)	NA	E
+ Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	U.S.A. (CA)	NA	E
Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	U.S.A. (CA)	NA	E
+ Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	U.S.A. (CA)	NA	T
Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	U.S.A. (AL)	NA	E
Shrimp, California freshwater	<i>Syncaris pacifica</i>	U.S.A. (CA)	NA	E
Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	U.S.A. (KY)	NA	E
Shrimp, Squirrel Chimney Cave (=Florida cave)	<i>Palaemonetes cummingi</i>	U.S.A. (FL)	NA	T
+ Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	U.S.A. (CA)	NA	E

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".

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.
15A--41 FR 24064; June 14, 1976.
15--41 FR 26019; June 24, 1976.
16--41 FR 45993; October 19, 1976.
17--41 FR 51021; November 19, 1976.
18--41 FR 51612; November 23, 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.
60--44 FR 59084; October 12, 1979.
85--44 FR 69208; November 30, 1979.
86--44 FR 70677; December 7, 1979.
87--44 FR 75076; December 18, 1979.
88--45 FR 18010; March 20, 1980.
90--45 FR 21833; April 2, 1980.
91--45 FR 24090; April 8, 1980.
92--45 FR 27713; April 23, 1980.
93--45 FR 28722; April 30, 1980.
94--45 FR 35821; May 28, 1980.
95--45 FR 44935; July 2, 1980.
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.

106--45 FR 65132; October 1, 1980.
108--46 FR 3178; January 13, 1981.
111--46 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 11169; April 7, 1987.
263--52 FR 11172; April 7, 1987.
265--52 FR 11286; 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 45865; 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 6, 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 49623; 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.
431--56 FR 37671; August 8, 1991.
432--56 FR 40267; August 14, 1991.
433--56 FR 41488; August 21, 1991.
442--56 FR 43649; September 30, 1991.
443--56 FR 43653; September 30, 1991.
444--56 FR 49658; September 30, 1991.
446--56 FR 54957; October 23, 1991.
447--56 FR 54967; October 23, 1991.
449--56 FR 56333; November 4, 1991.
454--56 FR 64723; December 12, 1991.
455--57 FR 213; January 3, 1992.
456--57 FR 594; January 7, 1992.
459--57 FR 13661; April 17, 1992.
462--57 FR 14790; April 22, 1992.
469--57 FR 21569; May 20, 1992.
472--57 FR 27858; June 22, 1992.
475--57 FR 28024; June 23, 1992.
479--57 FR 45337; October 1, 1992.
483--57 FR 54726; November 20, 1992.
484--57 FR 59244; December 14, 1992.
485--57 FR 59257; December 14, 1992.
486--58 FR 4359; January 14, 1993.
487--58 FR 5657; January 22, 1993.
488--58 FR 5642; January 22, 1993.
489--58 FR 5946; January 25, 1993.
492--58 FR 12863; March 5, 1993.
493--58 FR 12874; March 5, 1993.
494--58 FR 14271; March 16, 1993.
495--58 FR 14339; March 17, 1993.
496--58 FR 16757; March 30, 1993.
499--58 FR 25746; April 27, 1993.
502--58 FR 25763; April 27, 1993.
503--58 FR 27480; May 10, 1993.
505--58 FR 43931; June 30, 1993.
508--58 FR 40538; July 28, 1993.
512--58 FR 41391; August 3, 1993.
513--58 FR 43819; August 18, 1993.
514--58 FR 49874; September 23, 1993.
516--58 FR 49880; September 23, 1993.
517--58 FR 49887; September 23, 1993.
518--58 FR 49937; September 24, 1993.

520--58 FR 53804; October 18, 1993.
522--58 FR 54065; October 20, 1993.
525--58 FR 68486; October 27, 1993.
526--59 FR 5310; February 3, 1994.
527--59 FR 5498; February 4, 1994.
533--59 FR 10584; March 7, 1994.
534--59 FR 13836; March 23, 1994.
538--59 FR 17998; April 15, 1994.
539--59 FR 18327; April 18, 1994.
540--59 FR 31095; June 16, 1994
543--59 FR 36995; July 20, 1994.
545--59 FR 42691; August 18, 1994.
546--59 FR 42711; August 18, 1994.
549--59 FR 46002; September 6, 1994.
550--59 FR 46715; September 9, 1994.
552--59 FR 48153; September 19, 1994.
554--59 FR 49764; September 29, 1994.
557--59 FR 54840; November 2, 1994.
561--59 FR 60264; November 22, 1994.
562--59 FR 60279; November 22, 1994.
563--59 FR 60334; November 23, 1994.
566--59 FR 63264; December 8, 1994.
567--59 FR 64623; December 15, 1994.
568--59 FR 64866; December 16, 1994.
569--59 FR 65512; December 20, 1994.
571--60 FR 2903; January 12, 1995.
573--60 FR 5273; January 26, 1995.
574--60 FR 5267; January 26, 1995.

§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:

Editorial Note--Reordering of Species: In this reprint, plants are presented alphabetically by scientific name within four groups:

- Flowering plants
- Conifers and Cycads
- Ferns and Fern Allies
- Lichens

Internet Access: The List of Endangered and Threatened Wildlife and Plants is available electronically using Internet E-Mail software. The Internet address for this information is:
R9IRMLIB@mail.fws.gov

Retrieval commands (which must be entered on the "SUBJECT" line) are: "Send T&E List" (for an ASCII delimited file) and "Send T&E List WP" (for the WordPerfect version).

Special Reprint Symbols: To aid readers in comparing this list with previous republications and the last codification of Title 50, the Service has inserted symbols in front of certain entries. These symbols and their use are as follows:

+--entry has been added by a published rule since the August 31, 1994, Internet version of the List; see the "When Listed" number for citation.

●--entry has been amended by a published rule; see the last "When Listed" number for citation.

These symbols are not included in the annual codification.

Species				
Common name	Scientific name	Historic range	Family	Status
Flowering plants				
<i>Abronia macrocarpa</i>	Large-fruited sand-verbena	U.S.A. (TX)	Nyctaginaceae	E
<i>Abutilon eremitopetalum</i>	None	U.S.A. (HI)	Malvaceae	E
<i>Abutilon menziesii</i>	Ko`oloa`ula	U.S.A. (HI)	Malvaceae	E
<i>Abutilon sandwicense</i>	None	U.S.A. (HI)	Malvaceae	E
<i>Acaena exigua</i>	Liliwai	U.S.A. (HI)	Rosaceae	E
<i>Acanthomintha obovata</i> ssp. <i>duttonii</i>	San Mateo thornmint	U.S.A. (CA)	Lamiaceae	E
<i>Achyranthes splendens</i> var. <i>rotundata</i>	Round-leaved chaff-flower	U.S.A. (HI)	Amaranthaceae	E
<i>Aconitum noveboracense</i>	Northern wild monkshood	U.S.A. (IA, NY, OH, WI)	Ranunculaceae	T
<i>Aeschynomene virginica</i>	Sensitive joint-vetch	U.S.A. (DE, MD, NC, NJ, PA, VA)	Fabaceae	T
<i>Agalinis acuta</i>	Sandplain gerardia	U.S.A. (CT, MA, MD, NY, RI)	Scrophulariaceae	E
<i>Agave arizonica</i>	Arizona agave	U.S.A. (AZ)	Agavaceae	E
<i>Alectryon macrococcus</i>	Mahoe	U.S.A. (HI)	Sapindaceae	E
<i>Alsinidendron obovatum</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Alsinidendron trinerve</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Amaranthus pumilus</i>	Seabeach amaranth	U.S.A. (DE, MA, MD, NC, NJ, NY, RI, SC, VA)	Amaranthaceae	T
<i>Ambrosia cheiranthifolia</i>	South Texas ambrosia	U.S.A. (TX)	Asteraceae	E
<i>Amorpha crenulata</i>	Crenulate lead-plant	U.S.A. (FL)	Fabaceae	E
<i>Amphianthus pusillus</i>	Little amphianthus	U.S.A. (AL, GA, SC)	Scrophulariaceae	T
<i>Amsinckia grandiflora</i>	Large-flowered fiddleneck	U.S.A. (CA)	Boraginaceae	E
<i>Amsonia kearneyana</i>	Kearney's blue-star	U.S.A. (AZ)	Apocynaceae	E
<i>Ancistrocactus tobuschii</i> (=Echinocactus t., Mammillaria t.)	Tobusch fishhook cactus	U.S.A. (TX)	Cactaceae	E
<i>Aplos priceana</i>	Price's potato-bean	U.S.A. (AL, IL, KY, MS, TN)	Fabaceae	T
<i>Arabis mcdonaldiana</i>	McDonald's rock-cress	U.S.A. (CA)	Brassicaceae	E
+ <i>Arabis perstellata</i>	Rock-cress	U.S.A. (AL, KY, TN)	Brassicaceae	E
<i>Arabis serotina</i>	Shale barren rock-cress	U.S.A. (VA, WV)	Brassicaceae	E
<i>Arctomecon humilis</i>	Dwarf bear-poppy	U.S.A. (UT)	Papaveraceae	E
<i>Arctostaphylos hookeri</i> var. <i>ravenii</i> (=A. <i>pungens</i> ssp. <i>r.</i>)	Presidio (=Raven's) manzanita	U.S.A. (CA)	Ericaceae	E
+ <i>Arctostaphylos morroensis</i>	Manzanita, Morro	U.S.A. (CA)	Ericaceae	T
<i>Arenaria cumberlandensis</i>	Cumberland sandwort	U.S.A. (KY, TN)	Caryophyllaceae	E
<i>Arenaria paludicola</i>	Marsh sandwort	U.S.A. (CA)	Caryophyllaceae	E
<i>Argemone pleiacantha</i> ssp. <i>pinnatisecta</i>	Sacramento prickly-poppy	U.S.A. (NM)	Papaveraceae	E
<i>Argyroxiphium kauense</i>	Ka`u silversword	U.S.A. (HI)	Asteraceae	E
<i>Argyroxiphium sandwicense</i> ssp. <i>macrocephalum</i>	`Ahinahina (=Haleakala silversword).	U.S.A. (HI)	Asteraceae	E
<i>Argyroxiphium sandwicense</i> ssp. <i>sandwicense</i>	`Ahinahina (=Mauna Kea silversword)	U.S.A. (HI)	Asteraceae	E
<i>Aristida chaseae</i>	None	U.S.A. (PR)	Poaceae	E
<i>Aristida portoricensis</i>	Pelos del diablo	U.S.A. (PR)	Poaceae	E
<i>Asclepias meadii</i>	Mead's milkweed	U.S.A. (IA, IL, IN, KS, MO, WI)	Asclepiadaceae	T
<i>Asclepias welshii</i>	Welsh's milkweed	U.S.A. (AZ, UT)	Asclepiadaceae	T
<i>Asimina tetramera</i>	Four-petal pawpaw	U.S.A. (FL)	Annonaceae	E
<i>Astragalus albens</i>	Cushenbury milk-vetch	U.S.A. (CA)	Fabaceae	E
<i>Astragalus applegatei</i>	Applegate's milk-vetch	U.S.A. (OR)	Fabaceae	E
<i>Astragalus bibullatus</i>	Pyne's (=Guthrie's) ground-plum	U.S.A. (TN)	Fabaceae	E
<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>	Sentry milk-vetch	U.S.A. (AZ)	Fabaceae	E
<i>Astragalus humillimus</i>	Mancos milk-vetch	U.S.A. (CO, NM)	Fabaceae	E
<i>Astragalus montii</i> (=A. <i>limnocharis</i> var. <i>m.</i>)	Heliotrope milk-vetch	U.S.A. (UT)	Fabaceae	T

<i>Astragalus osterhoutii</i>	Osterhout milk-vetch	U.S.A. (CO)	Fabaceae	E
<i>Astragalus phoenix</i>	Ash Meadows milk-vetch	U.S.A. (NV)	Fabaceae	T
<i>Astragalus robbinsii</i> var. <i>jesupi</i>	Jesup's milk-vetch	U.S.A. (NH, VT)	Fabaceae	E
<i>Astrophytum asterias</i> (= <i>Echinocactus a.</i>)	Star cactus	U.S.A. (TX), Mexico	Cactaceae	E
<i>Auerodendron pauciflorum</i>	None	U.S.A. (PR)	Rhamnaceae	E
<i>Ayenia limitaris</i>	Texas ayenia	U.S.A. (TX), Mexico	Sterculiaceae	E
<i>Banara vanderbiltii</i>	Palo de Ramón	U.S.A. (PR)	Flacourtiaceae	E
<i>Baptisia arachnifera</i>	Hairy rattleweed	U.S.A. (GA)	Fabaceae	E
<i>Berberis sonnei</i> (= <i>Mahonia s.</i>)	Truckee barberry	U.S.A. (CA)	Berberidaceae	E
<i>Betula uber</i>	Virginia round-leaf birch	U.S.A. (VA)	Betulaceae	E
<i>Bidens cuneata</i>	Cuneate bidens	U.S.A. (HI)	Asteraceae	E
<i>Bidens micrantha</i> ssp. <i>kalealaha</i>	Ko`oko`olau	U.S.A. (HI)	Asteraceae	E
<i>Blennosperma bakeri</i>	Sonoma sunshine (=Baker's stickyseed)	U.S.A. (CA)	Asteraceae	E
<i>Boltonia decurrens</i>	Decurrent false aster	U.S.A. (IL, MO)	Asteraceae	T
<i>Bonamia grandiflora</i>	Florida bonamia	U.S.A. (FL)	Convolvulaceae	T
+ <i>Bonamia menziesii</i>	None	U.S.A. (HI)	Convolvulaceae	E
<i>Brighamia insignis</i>	`Olulu	U.S.A. (HI)	Campanulaceae	E
<i>Brighamia rockii</i>	Pua `ala	U.S.A. (HI)	Campanulaceae	E
<i>Buxus vahlii</i>	Vahl's boxwood	U.S.A. (PR)	Buxaceae	E
<i>Caesalpinia kavaense</i> (= <i>Mezoneuron k.</i>)	Uhiuhi	U.S.A. (HI)	Fabaceae	E
<i>Callicarpa ampla</i>	Capá rosa (=péndula cimarrona)	U.S.A. (PR)	Verbenaceae	E
<i>Callirhoe scabriuscula</i>	Texas poppy-mallow	U.S.A. (TX)	Malvaceae	E
<i>Calyptronoma rivalis</i>	Palma de manaca or manac palm	U.S.A. (PR)	Arecaceae	T
<i>Calyptranthes thomasiana</i>	None	U.S.A. (PR, VI) British VI	Myrtaceae	E
<i>Camissonia benitensis</i>	San Benito evening-primrose	U.S.A. (CA)	Onagraceae	T
<i>Campanula robinsiae</i>	Brooksville (=Robins') bellflower	U.S.A. (FL)	Campanulaceae	E
<i>Canavalia molokaiensis</i>	`Awikiwiki	U.S.A. (HI)	Fabaceae	E
<i>Cardamine micranthera</i>	Small-anthered bittercress	U.S.A. (NC)	Brassicaceae	E
<i>Carex specuicola</i>	Navajo sedge	U.S.A. (AZ)	Cyperaceae	T
<i>Castilleja grisea</i>	San Clemente Island Indian paintbrush	U.S.A. (CA)	Scrophulariaceae	E
<i>Caulanthus californicus</i>	California jewelflower	U.S.A. (CA)	Brassicaceae	E
<i>Centaurium namophilum</i>	Spring-loving centaury	U.S.A. (CA, NV)	Gentianaceae	T
<i>Centaurium sebaeoides</i>	`Awiwi	U.S.A. (HI)	Gentianaceae	E
<i>Cereus eriophorus</i> var. <i>fragrans</i>	Fragrant prickly-apple	U.S.A. (FL)	Cactaceae	E
<i>Chamaecrista glandulosa</i> var. <i>mirabilis</i> (= <i>Cassia mirabilis</i>)	None	U.S.A. (PR)	Fabaceae	E
<i>Chamaesyce celastroides</i> var. <i>kaenana</i>	`Akoko	U.S.A. (HI)	Euphorbiaceae	E
<i>Chamaesyce deltoidea</i> ssp. <i>deltoidea</i> (= <i>Euphorbia d.</i> ssp. <i>d.</i>)	Deltoid spurge	U.S.A. (FL)	Euphorbiaceae	E
<i>Chamaesyce deppeana</i> (= <i>Euphorbia d.</i>)	`Akoko	U.S.A. (HI)	Euphorbiaceae	E
<i>Chamaesyce garberi</i> (= <i>Euphorbia g.</i>)	Garber's spurge	U.S.A. (FL)	Euphorbiaceae	T
<i>Chamaesyce halemanui</i>	None	U.S.A. (HI)	Euphorbiaceae	E
<i>Chamaesyce kuwaleana</i>	`Akoko	U.S.A. (HI)	Euphorbiaceae	E
<i>Chamaesyce skottsbergii</i> var. <i>kalaeloana</i> (= <i>Euphorbia s.</i> var. <i>k.</i>)	`Ewa Plains `akoko	U.S.A. (HI)	Euphorbiaceae	E
<i>Chionanthus pygmaeus</i>	Pygmy fringe-tree	U.S.A. (FL)	Oleaceae	E
<i>Chorizanthe howellii</i>	Howell's spineflower	U.S.A. (CA)	Polygonaceae	E
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>	Spineflower, Ben Lomond	U.S.A. (CA)	Polygonaceae	E
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Spineflower, Monterey	U.S.A. (CA)	Polygonaceae	T
<i>Chorizanthe robusta</i> (incl. vars. <i>robusta</i> & <i>hartwegii</i>)	Spineflower, Robust (incl. Scotts Valley)	U.S.A. (CA)	Polygonaceae	E
<i>Chorizanthe valida</i>	Sonoma spineflower	U.S.A. (CA)	Polygonaceae	E
<i>Chrysopsis floridana</i> (= <i>Heterotheca f.</i>)	Florida golden aster	U.S.A. (FL)	Asteraceae	E

+ <i>Cirsium fontinale</i> var. <i>obispoense</i>	Thistle, Chorro Creek bog	U.S.A. (CA)	Asteraceae	E
<i>Cirsium pitcheri</i>	Pitcher's thistle	U.S.A. (IL, IN, MI, WI), Canada (Ont.)	Asteraceae	T
<i>Cirsium vineceum</i>	Sacramento Mountains thistle	U.S.A. (NM)	Asteraceae	T
+ <i>Clarkia speciosa</i> ssp. <i>immaculata</i>	Clarkia, Pismo	U.S.A. (CA)	Onagraceae	E
<i>Clematis morefieldii</i>	Morefield's leather-flower	U.S.A. (AL)	Ranunculaceae	E
<i>Clematis socialis</i>	Alabama leather-flower	U.S.A. (AL)	Ranunculaceae	E
<i>Clermontia lindseyana</i>	`Oha wai	U.S.A. (HI)	Campanulaceae	E
<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	`Oha wai	U.S.A. (HI)	Campanulaceae	E
<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	`Oha wai	U.S.A. (HI)	Campanulaceae	E
<i>Clermontia peleana</i>	`Oha wai	U.S.A. (HI)	Campanulaceae	E
<i>Clermontia pyrularia</i>	`Oha wai	U.S.A. (HI)	Campanulaceae	E
<i>Clitoria fragrans</i>	Pigeon wings	U.S.A. (FL)	Fabaceae	T
<i>Colubrina oppositifolia</i>	Kaula	U.S.A. (HI)	Rhamnaceae	E
<i>Conradina brevifolia</i>	Short-leaved rosemary	U.S.A. (FL)	Lamiaceae	E
<i>Conradina etonia</i>	Etonia rosemary	U.S.A. (FL)	Lamiaceae	E
<i>Conradina glabra</i>	Apalachicola rosemary	U.S.A. (FL)	Lamiaceae	E
<i>Conradina verticillata</i>	Cumberland rosemary	U.S.A. (KY, TN)	Lamiaceae	T
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	Salt marsh bird's-beak	U.S.A. (CA), Mexico (Baja California)	Scrophulariaceae	E
<i>Cordylanthus palmatus</i>	Palmate-bracted bird's-beak	U.S.A. (CA)	Scrophulariaceae	E
<i>Cornutia obovata</i>	Palo de nigua (=capá jugüerilla)	U.S.A. (PR)	Verbenaceae	E
<i>Coryphantha minima</i> (=C. <i>nellieae</i> , <i>Escobaria</i> m., E. n., <i>Mammillaria</i> n.)	Nellie cory cactus	U.S.A. (TX)	Cactaceae	E
<i>Coryphantha ramillosa</i>	Bunched cory cactus	U.S.A. (TX), Mexico (Coahuila)	Cactaceae	T
<i>Coryphantha robbinsorum</i> (=Cochisea r., <i>Escobaria</i> r.)	Cochise pincushion cactus	U.S.A. (AZ), Mexico (Sonora)	Cactaceae	T
<i>Coryphantha scheeri</i> var. <i>robustispina</i>	Pima pineapple cactus	U.S.A. (AZ), Mexico (Sonora)	Cactaceae	E
<i>Coryphantha sneedii</i> var. <i>leei</i> (=Escobaria l., <i>Mammillaria</i> l.)	Lee pincushion cactus	U.S.A. (NM)	Cactaceae	T
<i>Cranichis ricartii</i>	None	U.S.A. (PR)	Orchidaceae	E
<i>Crescentia portoricensis</i>	Higuero de Sierra	U.S.A. (PR)	Bignoniaceae	E
<i>Crotalaria avonensis</i>	Avon Park harebells	U.S.A. (FL)	Fabaceae	E
<i>Cryptantha crassipes</i>	Terlingua Creek cats-eye	U.S.A. (TX)	Boraginaceae	E
● <i>Cucurbita okeechobeensis</i> ssp. <i>okeechobeensis</i>	Okeechobee gourd	U.S.A. (FL)	Cucurbitaceae	E
<i>Cyanea asarifolia</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea copelandii</i> ssp. <i>copelandii</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea grimesiana</i> ssp. <i>obatae</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea hamatiflora</i> ssp. <i>carlsonii</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea lobata</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea macrostegia</i> ssp. <i>gibsonii</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea mannii</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea mceldowneyi</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea pinnatifida</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea procera</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea shipmannii</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea stictophylla</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea superba</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea truncata</i>	Haha	U.S.A. (HI)	Campanulaceae	E
<i>Cyanea undulata</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Cycladenia humilis</i> var. <i>jonesii</i>	Jones cycladenia	U.S.A. (AZ, UT)	Apocynaceae	T
<i>Cyrtandra crenata</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	E
<i>Cyrtandra giffardii</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	E
<i>Cyrtandra limahuliensis</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	T

<i>Cyrtandra munroi</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	E
<i>Cyrtandra polyantha</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	E
<i>Cyrtandra tintinnabula</i>	Ha`iwale	U.S.A. (HI)	Gesneriaceae	E
<i>Dalea foliosa</i> (=Petalostemum f.)	Leafy prairie-clover	U.S.A. (AL, IL, TN)	Fabaceae	E
<i>Daphnopsis hellerana</i>	None	U.S.A. (PR)	Thymelaeaceae	E
<i>Deeringothamnus pulchellus</i>	Beautiful pawpaw	U.S.A. (FL)	Annonaceae	E
<i>Deeringothamnus rugelii</i>	Rugel's pawpaw	U.S.A. (FL)	Annonaceae	E
<i>Delissea rhytidosperra</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Delphinium variegatum</i> ssp. <i>kinkiense</i> (=D. k.)	San Clemente Island larkspur	U.S.A. (CA)	Ranunculaceae	E
<i>Dicerandra christmanii</i>	Garrett's mint	U.S.A. (FL)	Lamiaceae	E
<i>Dicerandra cornutissima</i>	Longspurred mint	U.S.A. (FL)	Lamiaceae	E
<i>Dicerandra frutescens</i>	Scrub mint	U.S.A. (FL)	Lamiaceae	E
<i>Dicerandra immaculata</i>	Lakela's mint	U.S.A. (FL)	Lamiaceae	E
<i>Dodecahema leptoceras</i> (=Centrostegia l.)	Slender-horned spineflower	U.S.A. (CA)	Polygonaceae	E
<i>Dubautia herbstobatae</i>	Na`ena`e	U.S.A. (HI)	Asteraceae	E
<i>Dubautia latifolia</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Dubautia pauciflora</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Dudleya traskiae</i>	Santa Barbara Island liveforever	U.S.A. (CA)	Crassulaceae	E
<i>Echinacea laevigata</i>	Smooth coneflower	U.S.A. (GA, MD, NC, PA, SC, VA)	Asteraceae	E
<i>Echinacea tenesseeensis</i>	Tennessee purple coneflower	U.S.A. (TN)	Asteraceae	E
<i>Echinocactus horizontalis</i> var. <i>nicholii</i>	Nichol's Turk's head cactus	U.S.A. (AZ)	Cactaceae	E
<i>Echinocereus chisoensis</i> var. <i>chisoensis</i> (=E. reichenbachii var. c.)	Chisos Mountain hedgehog cactus	U.S.A. (TX)	Cactaceae	T
<i>Echinocereus fendleri</i> var. <i>kuenzleri</i> (=E. kuenzleri, E. hempelii of authors, not Fobe)	Kuenzler hedgehog cactus	U.S.A. (NM)	Cactaceae	E
<i>Echinocereus lloydii</i> (=E. roetteri var. l.)	Lloyd's hedgehog cactus	U.S.A. (NM, TX)	Cactaceae	E
<i>Echinocereus reichenbachii</i> var. <i>albertii</i> (=E. melanocentrus)	Black lace cactus	U.S.A. (TX)	Cactaceae	E
<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i> (=E. arizonicus)	Arizona hedgehog cactus	U.S.A. (AZ)	Cactaceae	E
<i>Echinocereus viridiflorus</i> var. <i>davisii</i> (=E. davisii)	Davis' green pitaya	U.S.A. (TX)	Cactaceae	E
<i>Echinomastus mariposensis</i> (=Echinocactus m., Neolloydia m., Sclerocactus m.)	Lloyd's Mariposa cactus	U.S.A. (TX), Mexico (Coahuila)	Cactaceae	T
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray	U.S.A. (NV)	Asteraceae	T
<i>Eremalche kernensis</i> (=E. parryi ssp. k.)	Kern mallow	U.S.A. (CA)	Malvaceae	E
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woolly-star	U.S.A. (CA)	Polemoniaceae	E
<i>Eriastrum hooveri</i>	Hoover's woolly-star	U.S.A. (CA)	Polemoniaceae	T
<i>Erigeron maguirei</i> var. <i>maguirei</i>	Maguire daisy	U.S.A. (UT)	Asteraceae	E
<i>Erigeron parishii</i>	Parish's daisy	U.S.A. (CA)	Asteraceae	T
<i>Erigeron rhizomatus</i>	Zuni (=Rhizome) fleabane	U.S.A. (NM)	Asteraceae	T
+ <i>Eriodictyon altissimum</i>	Mountain balm, Indian Knob	U.S.A. (CA)	Hydrophyllaceae	E
<i>Eriogonum gypsophilum</i>	Gypsum wild-buckwheat	U.S.A. (NM)	Polygonaceae	T
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	Scrub buckwheat	U.S.A. (FL)	Polygonaceae	T
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	Cushenbury buckwheat	U.S.A. (CA)	Polygonaceae	E
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	U.S.A. (NV)	Polygonaceae	E
<i>Eriogonum pelinophilum</i>	Clay-loving wild-buckwheat	U.S.A. (CO)	Polygonaceae	E
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	U.S.A. (CA)	Apiaceae	E
<i>Eryngium constancei</i>	Loch Lomond coyote-thistle	U.S.A. (CA)	Apiaceae	E
<i>Eryngium cuneifolium</i>	Snakeroot	U.S.A. (FL)	Apiaceae	E
<i>Erysimum capitatum</i> var. <i>angustatum</i>	Contra Costa wallflower	U.S.A. (CA)	Brassicaceae	E
<i>Erysimum menziesii</i>	Menzies' wallflower	U.S.A. (CA)	Brassicaceae	E

<i>Erysimum teretifolium</i>	Wallflower, Ben Lomond	U.S.A. (CA)	Brassicaceae	E
<i>Erythronium propullans</i>	Minnesota trout lily	U.S.A. (MN)	Liliaceae	E
+ <i>Eugenia haematocarpa</i>	Uvillo	U.S.A. (PR)	Myrtaceae	E
<i>Eugenia koolauensis</i>	Nioi	U.S.A. (HI)	Myrtaceae	E
+ <i>Eugenia woodburyana</i>	None	U.S.A. (PR)	Myrtaceae	E
<i>Euphorbia telephioides</i>	Telephus spurge	U.S.A. (FL)	Euphorbiaceae	T
<i>Eutrema penlandii</i>	Penland alpine fen mustard	U.S.A. (CO)	Brassicaceae	T
<i>Exocarpos luteolus</i>	Heau	U.S.A. (HI)	Santalaceae	E
+ <i>Flueggea neowawraea</i>	Mehamehame	U.S.A. (HI)	Euphorbiaceae	E
<i>Frankenia johnstonii</i>	Johnston's frankenia	U.S.A. (TX), Mexico (Nuevo Leon)	Frankeniaceae	E
<i>Gahnia lanaiensis</i>	None	U.S.A. (HI)	Cyperaceae	E
<i>Galactia smallii</i>	Small's milkpea	U.S.A. (FL)	Fabaceae	E
<i>Gardenia brighamii</i>	Na`u or Hawaiian gardenia	U.S.A. (HI)	Rubiaceae	E
<i>Geocarpon minimum</i>	None	U.S.A. (AR, LA, MO)	Caryophyllaceae	T
<i>Geranium arboreum</i>	Hawaiian red-flowered geranium	U.S.A. (HI)	Geraniaceae	E
<i>Geranium multiflorum</i>	Nohoanu	U.S.A. (HI)	Geraniaceae	E
<i>Geum radiatum</i>	Spreading avens	U.S.A. (NC, TN)	Rosaceae	E
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	Monterey gilia	U.S.A. (CA)	Polemoniaceae	E
<i>Goetzea elegans</i>	Beautiful goetzea or matabuey	U.S.A. (PR)	Solanaceae	E
<i>Gouania hillebrandii</i>	None	U.S.A. (HI)	Rhamnaceae	E
<i>Gouania meyenii</i>	None	U.S.A. (HI)	Rhamnaceae	E
<i>Gouania vitifolia</i>	None	U.S.A. (HI)	Rhamnaceae	E
<i>Grindelia fraxino-pratensis</i>	Ash Meadows gumplant	U.S.A. (CA, NV)	Asteraceae	T
<i>Haplostachys haplostachya</i> var. <i>angustifolia</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Harpercallis flava</i>	Harper's beauty	U.S.A. (FL)	Liliaceae	E
<i>Harrisia portoricensis</i> (= <i>Cereus p.</i>)	Higo chumbo	U.S.A. (PR)	Cactaceae	T
<i>Hedeoma todsenii</i>	Todsens's pennyroyal	U.S.A. (NM)	Lamiaceae	E
<i>Hedyotis cookiana</i>	`Awiwi	U.S.A. (HI)	Rubiaceae	E
<i>Hedyotis coriacea</i>	Kio`ele	U.S.A. (HI)	Rubiaceae	E
<i>Hedyotis degeneri</i>	None	U.S.A. (HI)	Rubiaceae	E
<i>Hedyotis mannii</i>	Pilo	U.S.A. (HI)	Rubiaceae	E
<i>Hedyotis parvula</i>	None	U.S.A. (HI)	Rubiaceae	E
<i>Hedyotis purpurea</i> var. <i>montana</i>	Roan Mountain bluet	U.S.A. (NC, TN)	Rubiaceae	E
<i>Hedyotis st.-johnii</i>	Na Pali beach hedyotis	U.S.A. (HI)	Rubiaceae	E
<i>Helianthus schweinitzii</i>	Schweinitz's sunflower	U.S.A. (NC, SC)	Asteraceae	E
<i>Helonias bullata</i>	Swamp pink	U.S.A. (DE, GA, MD, NC, NJ, NY, SC, VA)	Liliaceae	T
<i>Hesperomannia arborescens</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Hesperomannia arbuscula</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Hesperomannia lydgatei</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Hexastylis naniflora</i>	Dwarf-flowered heartleaf	U.S.A. (NC, SC)	Aristolochiaceae	T
<i>Hibiscadelphus distans</i>	Kauai hau kuahiwi	U.S.A. (HI)	Malvaceae	E
<i>Hibiscus arnottianus</i> ssp. <i>immaculatus</i>	Koki`o ke`oke`o	U.S.A. (HI)	Malvaceae	E
+ <i>Hibiscus brackenridgei</i>	Ma`o hau hele	U.S.A. (HI)	Malvaceae	E
<i>Hibiscus clayi</i>	Hibiscus, Glay's	U.S.A. (HI)	Malvaceae	E
<i>Hoffmannseggia tenella</i>	Slender rush-pea	U.S.A. (TX)	Fabaceae	E
<i>Howellia aquatilis</i>	Howellia, water	U.S.A. (CA, ID, MT, OR, WA)	Campanulaceae	T
<i>Hudsonia montana</i>	Mountain golden heather	U.S.A. (NC)	Cistaceae	T
<i>Hymenoxys herbacea</i> (= <i>acaulis</i> var. <i>glabra</i>)	Lakeside daisy	U.S.A. (IL, OH), Canada (Ont.)	Asteraceae	T
<i>Hymenoxys texana</i>	Texas prairie dawn-flower (= Texas bitterweed)	U.S.A. (TX)	Asteraceae	E

<i>Hypericum cumulicola</i>	Highlands scrub hypericum	U.S.A. (FL)	Hypericaceae	E
<i>Ilex cookii</i>	Cook's holly	U.S.A. (PR)	Aquifoliaceae	E
<i>Ilex sintenisii</i>	None	U.S.A. (PR)	Aquifoliaceae	E
<i>Iliamna corei</i>	Peter's Mountain mallow	U.S.A. (VA)	Malvaceae	E
<i>Ipomopsis sancti-spiritus</i>	Holy Ghost ipomopsis	U.S.A. (NM)	Polemoniaceae	E
<i>Iris lacustris</i>	Dwarf lake iris	U.S.A. (MI, WI), Canada (Ont.)	Iridaceae	T
<i>Ischaemum byrone</i>	Hilo ischaemum	U.S.A. (HI)	Poaceae	E
<i>Isodendron hosakae</i>	Aupaka	U.S.A. (HI)	Violaceae	E
<i>Isodendron pyriformium</i>	Wahine noho kula	U.S.A. (HI)	Violaceae	E
● <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 (Ont.)	Orchidaceae	T
<i>Ivesia kingii</i> var. <i>eremica</i>	Ash Meadows ivesia	U.S.A. (NV)	Rosaceae	T
<i>Jacquemontia reclinata</i>	Beach jacquemontia	U.S.A. (FL)	Convolvulaceae	E
<i>Jatropha costaricensis</i>	Costa Rican jatropa	Costa Rica	Euphorbiaceae	E
<i>Justicia cooleyi</i>	Cooley's water-willow	U.S.A. (FL)	Acanthaceae	E
<i>Kokia cookei</i>	Cooke's koki`o	U.S.A. (HI)	Malvaceae	E
<i>Kokia drynarioides</i>	Koki`o (=hau-hele`ula or Hawaii tree cotton)	U.S.A. (HI)	Malvaceae	E
<i>Labordia lydgatei</i>	Kamakahala	U.S.A. (HI)	Loganiaceae	E
<i>Lasthenia burkei</i>	Burke's goldfields	U.S.A. (CA)	Asteraceae	E
<i>Layia carnosa</i>	Beach layia	U.S.A. (CA)	Asteraceae	E
<i>Lembertia congdonii</i>	San Joaquin woolly-threads	U.S.A. (CA)	Asteraceae	E
<i>Lepanthes eltoroensis</i>	None	U.S.A. (PR)	Orchidaceae	E
<i>Lepidium barnebyanum</i>	Barneby ridge-cress (=peppercress)	U.S.A. (UT)	Brassicaceae	E
<i>Leptocereus grantianus</i>	None	U.S.A. (PR)	Cactaceae	E
<i>Lespedeza leptostachya</i>	Prairie bush-clover	U.S.A. (IA, IL, MN, WI)	Fabaceae	T
<i>Lesquerella congesta</i>	Dudley Bluffs bladderpod	U.S.A. (CO)	Brassicaceae	T
<i>Lesquerella filiformis</i>	Missouri bladderpod	U.S.A. (MO)	Brassicaceae	E
<i>Lesquerella kingii</i> ssp. <i>bernardina</i>	San Bernardino Mountains bladderpod	U.S.A. (CA)	Brassicaceae	E
<i>Lesquerella lyrata</i>	Lyrate bladderpod	U.S.A. (AL)	Brassicaceae	T
<i>Lesquerella pallida</i>	White bladderpod	U.S.A. (TX)	Brassicaceae	E
<i>Lesquerella tumulosa</i>	Kodachrome bladderpod	U.S.A. (UT)	Brassicaceae	E
<i>Liatis helleri</i>	Heller's blazingstar	U.S.A. (NC)	Asteraceae	T
<i>Liatis ohlingerae</i>	Scrub blazingstar	U.S.A. (FL)	Asteraceae	E
<i>Lilium occidentale</i>	Western lily	U.S.A. (OR, CA)	Liliaceae	E
<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	U.S.A. (CA)	Limnanthaceae	E
<i>Limnanthes vincularis</i>	Sebastopol meadowfoam	U.S.A. (CA)	Limnanthaceae	E
<i>Lindera melissifolia</i>	Pondberry	U.S.A. (AL, AR, FL, GA, LA, MO, MS, NC, SC)	Lauraceae	E
<i>Lipochaeta fauriei</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta kamolensis</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta lobata</i> var. <i>leptophylla</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta micrantha</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta tenuifolia</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta venosa</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Lipochaeta waimeaensis</i>	Nehe	U.S.A. (HI)	Asteraceae	E
<i>Lobelia niihauensis</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Lobelia oahuensis</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Lomatium bradshawii</i>	Bradshaw's desert-parsley (=lomatium)	U.S.A. (OR)	Apiaceae	E
<i>Lotus dendroideus</i> ssp. <i>traskiae</i> (=L. scoparius ssp. t.)	San Clemente Island broom	U.S.A. (CA)	Fabaceae	E
<i>Lupinus aridorum</i>	Scrub lupine	U.S.A. (FL)	Fabaceae	E

<i>Lupinus tidestromii</i>	Clover lupine	U.S.A. (CA)	Fabaceae	E
<i>Lyonia truncata</i> var. <i>proctorii</i>	None	U.S.A. (PR)	Ericaceae	E
<i>Lysimachia asperulaefolia</i>	Rough-leaved loosestrife	U.S.A. (NC, SC)	Primulaceae	E
<i>Lysimachia filifolia</i>	None	U.S.A. (HI)	Primulaceae	E
<i>Lysimachia lydgatei</i>	None	U.S.A. (HI)	Primulaceae	E
<i>Macbridea alba</i>	White birds-in-a-nest	U.S.A. (FL)	Lamiaceae	T
<i>Malacothamnus clementinus</i>	San Clemente Island bush-mallow	U.S.A. (CA)	Malvaceae	E
<i>Manihot walkerae</i>	Walker's manioc	U.S.A. (TX), Mexico	Euphorbiaceae	E
<i>Mariscus fauriei</i>	None	U.S.A. (HI)	Cyperaceae	E
+ <i>Mariscus pennatiformis</i>	None	U.S.A. (HI)	Cyperaceae	E
<i>Marshallia mohrii</i>	Mohr's Barbara's buttons	U.S.A. (AL, GA)	Asteraceae	T
+ <i>Melicope adscendens</i>	Alani	U.S.A. (HI)	Rutaceae	E
+ <i>Melicope balloui</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope haupuensis</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope knudsenii</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope lydgatei</i> (= <i>Pelea l.</i>)	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope mucronulata</i> (= <i>Pelea m.</i>)	Alani	U.S.A. (HI)	Rutaceae	E
+ <i>Melicope ovalis</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope pallida</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope quadrangularis</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Melicope reflexa</i>	Alani	U.S.A. (HI)	Rutaceae	E
<i>Mentzelia leucophylla</i>	Ash Meadows blazing-star	U.S.A. (NV)	Loasaceae	T
<i>Mimulus glabratus</i> var. <i>michiganensis</i>	Michigan monkey-flower	U.S.A. (MI)	Scrophulariaceae	E
<i>Mirabilis macfarlanei</i>	MacFarlane's four-o'clock	U.S.A. (ID, OR)	Nyctaginaceae	E
+ <i>Mitracarpus maxwelliae</i>	None	U.S.A. (PR)	Rubiaceae	E
+ <i>Mitracarpus polycladus</i>	None	U.S.A. (PR), Saba	Rubiaceae	E
<i>Munroidendron racemosum</i>	None	U.S.A. (HI)	Araliaceae	E
<i>Myrcia paganii</i>	None	U.S.A. (PR)	Myrtaceae	E
<i>Neraudia angulata</i>	None	U.S.A. (HI)	Urticaceae	E
+ <i>Neraudia sericea</i>	None	U.S.A. (HI)	Urticaceae	E
<i>Nitrophila mohavensis</i>	Amargosa niterwort	U.S.A. (CA, NV)	Chenopodiaceae	E
<i>Nolina brittoniana</i>	Britton's beargrass	U.S.A. (FL)	Agavaceae	E
<i>Nothoestrum breviflorum</i>	`Aiea	U.S.A. (HI)	Solanaceae	E
<i>Nothoestrum peltatum</i>	`Aiea	U.S.A. (HI)	Solanaceae	E
<i>Nototrichium humile</i>	Kulu`i	U.S.A. (HI)	Amaranthaceae	E
<i>Ochrosia kilaueaensis</i>	Holei	U.S.A. (HI)	Apocynaceae	E
<i>Oenothera avita</i> ssp. <i>eurekaensis</i>	Eureka Valley evening-primrose	U.S.A. (CA)	Onagraceae	E
<i>Oenothera deltoides</i> ssp. <i>howellii</i>	Antioch Dunes evening-primrose	U.S.A. (CA)	Onagraceae	E
<i>Opuntia treleasei</i>	Bakersfield cactus	U.S.A. (CA)	Cactaceae	E
<i>Orcuttia californica</i>	California Orcutt grass	U.S.A. (CA)	Poaceae	E
<i>Ottoschulzia rhodoxylon</i>	Palo de rosa	U.S.A. (PR), Dominican Republic	Icacinaeae	E
<i>Oxypolis canbyi</i>	Canby's dropwort	U.S.A. (DE, GA, MD, NC, SC)	Apiaceae	E
<i>Oxytheca parishii</i> var. <i>goodmaniana</i>	Cushenbury oxytheca	U.S.A. (CA)	Polygonaceae	E
<i>Oxytropis campestris</i> var. <i>chartacea</i>	Fassett's locoweed	U.S.A. (WI)	Fabaceae	T
<i>Panicum fauriei</i> var. <i>carteri</i>	Carter's panicgrass	U.S.A. (HI)	Poaceae	E
<i>Paronychia chartacea</i> (= <i>Nyachia pulvinata</i>)	Papery whitlow-wort	U.S.A. (FL)	Caryophyllaceae	T
<i>Pedicularis furbishiae</i>	Furbish lousewort	U.S.A. (ME), Canada (N.B.)	Scrophulariaceae	E
<i>Pediocactus bradyi</i> (= <i>Toumeya b.</i>)	Brady pincushion cactus	U.S.A. (AZ)	Cactaceae	E
<i>Pediocactus despainii</i>	San Rafael cactus	U.S.A. (UT)	Cactaceae	E
<i>Pediocactus knowltonii</i> (= <i>P. bradyi</i> var. <i>k.</i> , <i>Toumeya k.</i>)	Knowlton cactus	U.S.A. (CO, NM)	Cactaceae	E

<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)	Cactaceae	E
<i>Pediocactus sileri</i> (= <i>Echinocactus s.</i> , <i>Utahia s.</i>)	Siler pincushion cactus	U.S.A. (AZ, UT)	Cactaceae	T
<i>Penstemon haydenii</i>	Blowout penstemon	U.S.A. (NE)	Scrophulariaceae	E
<i>Penstemon penlandii</i>	Penland beardtongue	U.S.A. (CO)	Scrophulariaceae	E
<i>Peperomia wheeleri</i>	Wheeler's peperomia	U.S.A. (PR)	Piperaceae	E
<i>Peucedanum sandwicense</i>	Makou	U.S.A. (HI)	Apiaceae	T
<i>Phacelia argillacea</i>	Clay phacelia	U.S.A. (UT)	Hydrophyllaceae	E
<i>Phacelia formosula</i>	North Park phacelia	U.S.A. (CO)	Hydrophyllaceae	E
<i>Phlox nivalis</i> ssp. <i>texensis</i>	Texas trailing phlox	U.S.A. (TX)	Polemoniaceae	E
<i>Phyllostegia glabra</i> var. <i>lanaiensis</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Phyllostegia mannii</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Phyllostegia mollis</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Phyllostegia waimeae</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Physaria obcordata</i>	Dudley Bluffs twinpod	U.S.A. (CO)	Brassicaceae	T
<i>Pilosocereus robinii</i> (= <i>Cereus r.</i>)	Key tree-cactus	U.S.A. (FL), Cuba	Cactaceae	E
<i>Pinguicula ionantha</i>	Godfrey's butterwort	U.S.A. (FL)	Lentibulariaceae	T
<i>Pityopsis ruthii</i> (= <i>Heterotheca r.</i> , <i>Chrysopsis r.</i>)	Ruth's golden aster	U.S.A. (TN)	Asteraceae	E
<i>Plantago hawaiiensis</i>	Laukahi kuahiwi	U.S.A. (HI)	Plantaginaceae	E
+ <i>Plantago princeps</i>	Laukahi kuahiwi	U.S.A. (HI)	Plantaginaceae	E
<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 (Ont., N.B.)	Orchidaceae	T
<i>Platanthera praeclara</i>	Western prairie fringed orchid	U.S.A. (IA, KS, MN, MO, ND, NE, OK, SD), Canada (Man.)	Orchidaceae	T
+ <i>Pleodendron macranthum</i>	Chupacallos (=Chupagallo)	U.S.A. (PR)	Canellaceae	E
+ <i>Poa mannii</i>	Mann's bluegrass	U.S.A. (HI)	Poaceae	E
<i>Poa sandwicensis</i>	Hawaiian bluegrass	U.S.A. (HI)	Poaceae	E
<i>Poa siphonoglossa</i>	None	U.S.A. (HI)	Poaceae	E
<i>Pogogyne abramsii</i>	San Diego mesa mint	U.S.A. (CA)	Lamiaceae	E
<i>Pogogyne nudiuscula</i>	Otay mesa mint	U.S.A. (CA), Mexico (Baja California)	Lamiaceae	E
<i>Polygala lewtonii</i>	Lewton's polygala	U.S.A. (FL)	Polygalaceae	E
<i>Polygala smallii</i>	Tiny polygala	U.S.A. (FL)	Polygalaceae	E
<i>Polygonella basiramia</i> (= <i>P. ciliata</i> var. <i>b.</i>)	Wireweed	U.S.A. (FL)	Polygonaceae	E
<i>Polygonella myriophylla</i>	Sandlace	U.S.A. (FL)	Polygonaceae	E
<i>Portulaca sclerocarpa</i>	Po`e	U.S.A. (HI)	Portulacaceae	E
<i>Potamogeton clystocarpus</i>	Little Aguja pondweed	U.S.A. (TX)	Potamogetonaceae	E
<i>Potentilla robbinsiana</i>	Robbins' cinquefoil	U.S.A. (NH, VT)	Rosaceae	E
<i>Primula maguirei</i>	Maguire primrose	U.S.A. (UT)	Primulaceae	T
<i>Pritchardia affinis</i>	Loulu	U.S.A. (HI)	Arecaceae	E
<i>Pritchardia munroi</i>	Loulu	U.S.A. (HI)	Arecaceae	E
<i>Prunus geniculata</i>	Scrub plum	U.S.A. (FL)	Rosaceae	E
<i>Pteralyxia kauaiensis</i>	Kaulu	U.S.A. (HI)	Apocynaceae	E
<i>Ptilimnium nodosum</i> (= <i>P. fluviatile</i>)	Harperella	U.S.A. (AL, AR, GA, MD, NC, SC, WV)	Apiaceae	E
<i>Purshia subintegra</i> (= <i>Cowania s.</i>)	Arizona cliffrose	U.S.A. (AZ)	Rosaceae	E
<i>Quercus hinckleyi</i>	Hinckley's oak	U.S.A. (TX)	Fagaceae	T
<i>Ranunculus acriformis</i> (= <i>R. acris</i> var. <i>a.</i>)	Autumn buttercup	U.S.A. (UT)	Ranunculaceae	E
<i>Remya kauaiensis</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Remya mauiensis</i>	Maui remya	U.S.A. (HI)	Asteraceae	E
<i>Remya montgomeryi</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Rhododendron chapmanii</i>	Chapman rhododendron	U.S.A. (FL)	Ericaceae	E

<i>Rhus michauxii</i>	Michaux's sumac	U.S.A. (GA, NC, SC, VA)	Anacardiaceae	E
<i>Rhynchospora knieskernii</i>	Knieskern's beaked-rush	U.S.A. (DE, NJ)	Cyperaceae	T
<i>Ribes echinellum</i>	Miccosukee gooseberry	U.S.A. (FL, SC)	Saxifragaceae	T
<i>Rollandia crispa</i>	None	U.S.A. (HI)	Campanulaceae	E
<i>Rorippa gambellii</i>	Gambel's watercress	U.S.A. (CA)	Brassicaceae	E
<i>Sagittaria fasciculata</i>	Bunched arrowhead	U.S.A. (NC, SC)	Alismataceae	E
<i>Sagittaria secundifolia</i>	Kral's water-plantain	U.S.A. (AL, GA)	Alismataceae	T
<i>Sanicula mariversa</i>	None	U.S.A. (HI)	Apiaceae	E
<i>Santalum freycinetianum</i> var. <i>lanaiense</i>	Lanai sandalwood or `iliahi	U.S.A. (HI)	Santalaceae	E
<i>Sarracenia oreophila</i>	Green pitcher-plant	U.S.A. (AL, GA, NC, TN)	Sarraceniaceae	E
<i>Sarracenia rubra</i> ssp. <i>alabamensis</i> (=S. <i>alabamensis</i> ssp. <i>alabamensis</i>)	Alabama canebrake pitcher-plant	U.S.A. (AL)	Sarraceniaceae	E
<i>Sarracenia rubra</i> ssp. <i>jonesii</i> (=S. <i>jonesii</i>)	Mountain sweet pitcher-plant	U.S.A. (NC, SC)	Sarraceniaceae	E
<i>Scaevola coriacea</i>	Dwarf naupaka	U.S.A. (HI)	Goodeniaceae	E
<i>Schiedea adamantis</i>	Diamond Head schiedea	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea apokremnos</i>	Ma`oli`oli	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea haleakalensis</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea kaalae</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea lydgatei</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea spergulina</i> var. <i>leiopoda</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Schiedea spergulina</i> var. <i>spergulina</i>	None	U.S.A. (HI)	Caryophyllaceae	T
<i>Schoepfia arenaria</i>	None	U.S.A. (PR)	Olcaceae	T
<i>Schoenocrambe argillacea</i>	Clay reed-mustard	U.S.A. (UT)	Brassicaceae	T
<i>Schoenocrambe barnebyi</i>	Barneby reed-mustard	U.S.A. (UT)	Brassicaceae	E
<i>Schoenocrambe suffrutescens</i> (=Glaucocarpum s.)	Shrubby reed-mustard (=toad-flax cress)	U.S.A. (UT)	Brassicaceae	E
<i>Schwalbea americana</i>	American chaffseed	U.S.A. (AL, CT, DE, FL, GA, MA, MD, MI, MS, NC, NJ, NY, SC, TN, VA)	Scrophulariaceae	E
<i>Scirpus ancistrochaetus</i>	Northeastern (=Barbed bristle) bulrush	U.S.A. (MA, MD, NY, PA, VA, VT, WV)	Cyperaceae	E
<i>Sclerocactus glaucus</i> (=Echinocactus g., E. <i>subglaucus</i> , E. <i>whipplei</i> var. g., <i>Pediocactus</i> g., S. <i>franklinii</i> , S.	Uinta Basin hookless cactus	U.S.A. (CO, UT)	Cactaceae	T
<i>Sclerocactus mesae-verdae</i> (=Colorado m., Echinocactus m., <i>Pediocactus</i> m.)	Mesa Verde cactus	U.S.A. (CO, NM)	Cactaceae	T
<i>Sclerocactus wrightiae</i> (=Pediocactus w.)	Wright fishhook cactus	U.S.A. (UT)	Cactaceae	E
<i>Scutellaria floridana</i>	Florida skullcap	U.S.A. (FL)	Lamiaceae	T
<i>Scutellaria montana</i>	Large-flowered skullcap	U.S.A. (GA, TN)	Lamiaceae	E
<i>Sedum integrifolium</i> ssp. <i>leedyi</i>	Leedy's roseroot	U.S.A. (MN, NY)	Crassulaceae	T
<i>Senecio franciscanus</i>	San Francisco Peaks groundsel	U.S.A. (AZ)	Asteraceae	T
<i>Serianthes nelsonii</i>	Hayun lagu (Guam), Tronkon guafi (Rota)	Western Pacific Ocean: U.S.A. (Guam, Rota)	Fabaceae	E
+ <i>Sesbania tomentosa</i>	`Ohai	U.S.A. (HI)	Fabaceae	E
<i>Sidalcea nelsoniana</i>	Nelson's checker-mallow	U.S.A. (OR)	Malvaceae	T
<i>Sidalcea pedata</i>	Pedate checker-mallow	U.S.A. (CA)	Malvaceae	E
<i>Silene alexandri</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Silene hawaiiensis</i>	None	U.S.A. (HI)	Caryophyllaceae	T
<i>Silene lanceolata</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Silene perlmanii</i>	None	U.S.A. (HI)	Caryophyllaceae	E
<i>Silene polypetala</i>	Fringed campion	U.S.A. (FL, GA)	Caryophyllaceae	E
<i>Sisyrinchium dichotomum</i>	White irisette	U.S.A. (NC)	Iridaceae	E
<i>Solanum drymophilum</i>	Erubia	U.S.A. (PR)	Solanaceae	E
+ <i>Solanum incompletum</i>	Popolo ku mai	U.S.A. (HI)	Solanaceae	E
<i>Solanum sandwicense</i>	`Aiakeakua, popolo	U.S.A. (HI)	Solanaceae	E
<i>Solidago albopilosa</i>	White-haired goldenrod	U.S.A. (KY)	Asteraceae	T

<i>Solidago houghtonii</i>	Houghton's goldenrod	U.S.A. (MI), Canada (Ont.)	Asteraceae	T
<i>Solidago shortii</i>	Short's goldenrod	U.S.A. (KY)	Asteraceae	E
<i>Solidago spithamea</i>	Blue Ridge goldenrod	U.S.A. (NC, TN)	Asteraceae	T
+ <i>Spermolepis hawaiiensis</i>	None	U.S.A. (HI)	Apiaceae	E
<i>Spigelia gentianoides</i>	Gentian pinkroot	U.S.A. (AL, FL)	Loganiaceae	E
<i>Spiranthes diluvialis</i>	Ute ladies'-tresses	U.S.A. (CO, NV, UT)	Orchidaceae	T
<i>Spiranthes parksii</i>	Navasota ladies'-tresses	U.S.A. (TX)	Orchidaceae	E
<i>Spiraea virginiana</i>	Virginia spiraea	U.S.A. (GA, KY, NC, PA, TN, VA, WV)	Rosaceae	T
<i>Stahlia monosperma</i>	Cóbana negra	U.S.A. (PR), Dominican Republic	Fabaceae	T
<i>Stenogyne angustifolia</i> var. <i>angustifolia</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Stenogyne bifida</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Stenogyne campanulata</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Stenogyne kanehoana</i>	None	U.S.A. (HI)	Lamiaceae	E
<i>Stephanomeria malheurensis</i>	Malheur wire-lettuce	U.S.A. (OR)	Asteraceae	E
<i>Styrax portoricensis</i>	Palo de jazmín	U.S.A. (PR)	Styracaceae	E
<i>Styrax texana</i>	Texas snowbells	U.S.A. (TX)	Styracaceae	E
+ <i>Suaeda californica</i>	Seablite, California	U.S.A. (CA)	Chenopodiaceae	E
<i>Swallenia alexandrae</i>	Eureka Dune grass	U.S.A. (CA)	Poaceae	E
<i>Ternstroemia luquillensis</i>	Palo colorado	U.S.A. (PR)	Theaceae	E
<i>Ternstroemia subsessilis</i>	None	U.S.A. (PR)	Theaceae	E
<i>Tetramolopium arenarium</i>	None	U.S.A. (HI)	Asteraceae	E
+ <i>Tetramolopium capillare</i>	Pamakani	U.S.A. (HI)	Asteraceae	E
<i>Tetramolopium filiforme</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Tetramolopium lepidotum</i> ssp. <i>lepidotum</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Tetramolopium remyi</i>	None	U.S.A. (HI)	Asteraceae	E
<i>Tetramolopium rockii</i>	None	U.S.A. (HI)	Asteraceae	T
<i>Tetraplasandra gymnocarpa</i>	`Ohe`ohe	U.S.A. (HI)	Araliaceae	E
<i>Thalictrum cooleyi</i>	Cooley's meadowrue	U.S.A. (FL, NC)	Ranunculaceae	E
<i>Thelypodium stenopetalum</i>	Slender-petaled mustard	U.S.A. (CA)	Brassicaceae	E
<i>Thymophylla tephroleuca</i> (= <i>Dyssodia</i> t.)	Ashy dogweed	U.S.A. (TX)	Asteraceae	E
<i>Townsendia aprica</i>	Last Chance townsendia	U.S.A. (UT)	Asteraceae	T
<i>Trichilia triacantha</i>	Bariaco (=guayabacón)	U.S.A. (PR)	Meliaceae	E
<i>Trifolium stoloniferum</i>	Running buffalo clover	U.S.A. (AR, IL, IN, KS, KY, MO, OH, WV)	Fabaceae	E
<i>Trillium persistens</i>	Persistent trillium	U.S.A. (GA, SC)	Liliaceae	E
<i>Trillium reliquum</i>	Relict trillium	U.S.A. (AL, GA, SC)	Liliaceae	E
<i>Tuctoria mucronata</i> (= <i>Orcuttia</i> m.)	Solano grass	U.S.A. (CA)	Poaceae	E
<i>Urera kaalae</i>	Opuhe	U.S.A. (HI)	Urticaceae	E
<i>Vernonia proctorii</i>	None	U.S.A. (PR)	Asteraceae	E
<i>Vicia menziesii</i>	Hawaiian vetch	U.S.A. (HI)	Fabaceae	E
+ <i>Vigna o-wahuensis</i>	None	U.S.A. (HI)	Fabaceae	E
<i>Viola chamissoniana</i>	Pamakani	U.S.A. (HI)	Violaceae	E
<i>Viola helenae</i>	None	U.S.A. (HI)	Violaceae	E
<i>Viola lanaiensis</i>	None	U.S.A. (HI)	Violaceae	E
<i>Warea amplexifolia</i>	Wide-leaf warea	U.S.A. (FL)	Brassicaceae	E
<i>Warea carteri</i>	Carter's mustard	U.S.A. (FL)	Brassicaceae	E
<i>Wilkesia hobdyi</i>	Dwarf iliau	U.S.A. (HI)	Asteraceae	E
<i>Xylosma crenatum</i>	None	U.S.A. (HI)	Flacourtiaceae	E
<i>Xyris tennesseensis</i>	Tennessee yellow-eyed grass	U.S.A. (AL, GA, TN)	Xyridaceae	E
<i>Zanthoxylum hawaiiense</i>	A`e	U.S.A. (HI)	Rutaceae	E
<i>Zanthoxylum thomasianum</i>	St. Thomas prickly-ash	U.S.A. (PR, VI)	Rutaceae	E
<i>Zizania texana</i>	Texas wild-rice	U.S.A. (TX)	Poaceae	E

<i>Ziziphus celata</i>	Florida ziziphus	U.S.A. (FL)	Rhamnaceae	E
Conifers and Cycads				
<i>Abies guatemalensis</i>	Pinabete or Guatemalan fir	Mexico, Guatemala, Honduras, El Salvador	Pinaceae	T
<i>Cupressus abramsiana</i>	Santa Cruz cypress	U.S.A. (CA)	Cupressaceae	E
<i>Fitzroya cupressoides</i>	Chilean false larch (=alerce)	Chile, Argentina	Cupressaceae	T
<i>Torreya taxifolia</i>	Florida torreyia	U.S.A. (FL, GA)	Taxaceae	E
Ferns and Fern Allies				
+ <i>Adenophorus periens</i>	Fern, pendant kahi	U.S.A. (HI)	Grammitidaceae	E
<i>Adiantum vivesii</i>	None	U.S.A. (PR)	Adiantaceae	E
+ <i>Asplenium fragile</i> var. <i>insulare</i>	None	U.S.A. (HI)	Aspleniaceae	E
<i>Asplenium scolopendrium</i> var. <i>americana</i> (= <i>Phyllitis japonica</i> ssp. <i>a.</i> , = <i>P. s.</i> var. <i>a</i>)	American hart's-tongue fern	U.S.A. (AL, MI, NY, TN), Canada (Ont.)	Aspleniaceae	T
+ <i>Ctenitis squamigera</i>	Pauoa	U.S.A. (HI)	Aspleniaceae	E
<i>Cyathea dryopteroides</i>	Elfin tree fern	U.S.A. (PR)	Cyatheaceae	E
+ <i>Diellia erecta</i>	Asplenium-leaved diellia	U.S.A. (HI)	Aspleniaceae	E
<i>Diellia falcata</i>	None	U.S.A. (HI)	Aspleniaceae	E
<i>Diellia pallida</i>	None	U.S.A. (HI)	Aspleniaceae	E
<i>Diellia unisora</i>	None	U.S.A. (HI)	Aspleniaceae	E
+ <i>Diplazium molokaiense</i>	None	U.S.A. (HI)	Aspleniaceae	E
<i>Elaphoglossum serpens</i>	None	U.S.A. (PR)	Lomariopsidaceae	E
<i>Huperzia mannii</i> (= <i>Lycopodium m.</i>)	Wawa`iole	U.S.A. (HI)	Lycopodiaceae	E
<i>Isoetes louisianensis</i>	Louisiana quillwort	U.S.A. (LA)	Isoetaceae	E
<i>Isoetes melanospora</i>	Black-spored quillwort	U.S.A. (GA, SC)	Isoetaceae	E
<i>Isoetes tegetiformans</i>	Mat-forming quillwort	U.S.A. (GA)	Isoetaceae	E
<i>Lycopodium nutans</i>	Wawae`iole	U.S.A. (HI)	Lycopodiaceae	E
<i>Marsilea villosa</i>	`Ihi`ihi	U.S.A. (HI)	Marsileaceae	E
<i>Polystichum aleuticum</i>	Aleutian shield-fern (=Aleutian holly-fern)	U.S.A. (AK)	Dryopteridaceae	E
<i>Polystichum calderonense</i>	None	U.S.A. (PR)	Dryopteridaceae	E
+ <i>Pteris lidgatei</i>	None	U.S.A. (HI)	Adiantaceae	E
<i>Tectaria estremerana</i>	None	U.S.A. (PR)	Dryopteridaceae	E
<i>Thelypteris inabonensis</i>	None	U.S.A. (PR)	Thelypteridaceae	E
<i>Thelypteris pilosa</i> var. <i>alabamensis</i> (= <i>Leptogramma p.</i> var. <i>a.</i>)	Alabama streak-sorus fern	U.S.A. (AL)	Thelypteridaceae	T
<i>Thelypteris verecunda</i>	None	U.S.A. (PR)	Thelypteridaceae	E
<i>Thelypteris yaucoensis</i>	None	U.S.A. (PR)	Thelypteridaceae	E
Lichens				
<i>Cladonia perforata</i>	Florida perforate cladonia	U.S.A. (FL)	Cladoniaceae	E
+ <i>Gymnoderma lineare</i>	Rock gnome lichen	U.S.A. (NC, TN)	Cladoniaceae	E

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".

26--42 FR 40685; August 11, 1977.
26--42 FR 40685; August 11, 1977.
39--43 FR 17916; April 26, 1978.
44--43 FR 44812; September 28, 1978.
47--44 FR 24250; April 24, 1979.
49--44 FR 32605; June 6, 1979.
53--44 FR 43701; July 25, 1979.
56--44 FR 54923; September 21, 1979.
57--44 FR 58863; October 2, 1979.
58--44 FR 58868; October 11, 1979.
59--44 FR 58870; October 11, 1979.
61--44 FR 61556; October 25, 1979.
62--44 FR 61558; October 25, 1979.
63--44 FR 61786; October 26, 1979.
64--44 FR 61788; October 26, 1979.
65--44 FR 61911; October 26, 1979.
66--44 FR 61913; October 26, 1979.
67--44 FR 61916; October 26, 1979.
68--44 FR 61920; October 26, 1979.
69--44 FR 61924; October 26, 1979.
70--44 FR 61927; October 26, 1979.
71--44 FR 61929; October 26, 1979.
72--44 FR 62246; October 29, 1979.
73--44 FR 62469; October 30, 1979.
74--44 FR 62471; October 30, 1979.
75--44 FR 62474; October 30, 1979.
76--44 FR 64247; November 6, 1979.
77--44 FR 64250; November 6, 1979.
78--44 FR 64252; November 6, 1979.
79--44 FR 64733; November 7, 1979.
80--44 FR 64738; November 7, 1979.
81--44 FR 64740; November 7, 1979.
82--44 FR 64743; November 7, 1979.
83--44 FR 64746; November 7, 1979.
84--44 FR 65005; November 8, 1979.
89--45 FR 18929; March 24, 1980.
104--45 FR 61944; September 17, 1980.
107--45 FR 69360; October 20, 1980.
109--46 FR 3184; January 13, 1981.
110--46 FR 5730; January 19, 1981.
112--46 FR 40025; August 6, 1981.
116--47 FR 19539; May 6, 1982.
118--47 FR 30440; July 13, 1982.
120--47 FR 36846; August 24, 1982.
121--47 FR 38540; September 1, 1982.
122--47 FR 38927; September 10, 1982.
126--47 FR 50885; November 10, 1982.
133--48 FR 46331; October 12, 1983.
137--48 FR 52747; November 22, 1983.
140--49 FR 2786; January 23, 1984.
141--49 FR 6102; February 17, 1984.
147--49 FR 21058; May 18, 1984.
148--49 FR 22329; May 29, 1984.
151--49 FR 28565; July 13, 1984.
152--49 FR 29234; July 19, 1984.
153--49 FR 29237; July 19, 1984.
154--49 FR 30201; July 27, 1984.
155--49 FR 31421; August 7, 1984.
158--49 FR 34500; August 31, 1984.
162--49 FR 40038; October 12, 1984.
165--49 FR 44756; November 9, 1984.
167--49 FR 47400; December 4, 1984.
168--49 FR 49639; December 21, 1984.
172--50 FR 5758; February 12, 1985.
175--50 FR 12309; March 28, 1985.
176--50 FR 15567; April 19, 1985.
177--50 FR 16682; April 26, 1985.
178--50 FR 19373; May 8, 1985.
179--50 FR 19377; May 8, 1985.

180--50 FR 20214; May 15, 1985.
181--50 FR 20786; May 20, 1985.
187--50 FR 26572; June 27, 1985.
190--50 FR 29341; July 18, 1985.
191--50 FR 29344; July 18, 1985.
192--50 FR 29349; July 18, 1985.
194--50 FR 31190; August 1, 1985.
197--50 FR 32575; August 13, 1985.
198--50 FR 33731; August 21, 1985.
199--50 FR 33734; August 21, 1985.
200--50 FR 33737; August 21, 1985.
201--50 FR 36089; September 5, 1985.
202--50 FR 36091; September 5, 1985.
204--50 FR 37863; September 18, 1985.
207--50 FR 45618; November 1, 1985.
208--50 FR 45621; November 1, 1985.
209--50 FR 45624; November 1, 1985.
213--50 FR 51870; December 21, 1985.
214--51 FR 956; January 9, 1986.
215--51 FR 3185; January 24, 1986.
217--51 FR 6693; February 25, 1986.
218--51 FR 8683; March 13, 1986.
219--51 FR 9820; March 21, 1986.
220--51 FR 10521; March 26, 1986.
221--51 FR 10523; March 26, 1986.
225--51 FR 15906; April 29, 1986.
226--51 FR 15911; April 29, 1986.
230--51 FR 17346; May 12, 1986.
231--51 FR 17974; May 16, 1986.
232--51 FR 17977; May 16, 1986.
234--51 FR 22524; June 20, 1986.
235--51 FR 23769; July 1, 1986.
237--51 FR 24672; July 8, 1986.
238--51 FR 24675; July 8, 1986.
240--51 FR 27500; July 31, 1986.
243--51 FR 34415; September 26, 1986.
244--51 FR 34419; September 26, 1986.
245--51 FR 34422; September 26, 1986.
249--51 FR 45907; December 23, 1986.
252--52 FR 679; January 8, 1987.
253--52 FR 682; January 8, 1987.
254--52 FR 784; January 9, 1987.
255--52 FR 1462; January 14, 1987.
256--52 FR 2234; January 21, 1987.
257--52 FR 4910; February 18, 1987.
259--52 FR 6651; March 4, 1987.
260--52 FR 7426; March 11, 1987.
264--52 FR 11175; April 7, 1987.
266--52 FR 15505; April 29, 1987.
270--52 FR 21480; June 5, 1987.
271--52 FR 21484; June 5, 1987.
274--52 FR 22589; June 12, 1987.
275--52 FR 22933; June 16, 1987.
276--52 FR 22936; June 16, 1987.
277--52 FR 22939; June 16, 1987.
285--52 FR 32929; September 1, 1987.
286--52 FR 34917; September 16, 1987.
291--52 FR 36270; September 28, 1987.
293--52 FR 37420; October 6, 1987.
295--52 FR 41440; October 28, 1987.
297--52 FR 42071; November 2, 1987.
298--52 FR 42657; November 6, 1987.
300--52 FR 44401; November 19, 1987.
301--52 FR 46087; December 4, 1987.
302--53 FR 3565; February 5, 1988.
303--53 FR 3567; February 5, 1988.
305--53 FR 4629; February 17, 1988.
306--53 FR 10884; April 4, 1988.
307--53 FR 11612; April 7, 1988.

308--53 FR 11615; April 7, 1988.
309--53 FR 23742; June 23, 1988.
310--53 FR 23745; June 23, 1988.
311--53 FR 23748; June 23, 1988.
314--53 FR 27137; July 18, 1988.
315--53 FR 27141; July 18, 1988.
318--53 FR 32827; August 26, 1988.
319--53 FR 32830; August 26, 1988.
321--53 FR 33996; September 1, 1988.
324--53 FR 34701; September 7, 1988.
325--53 FR 34705; September 7, 1988.
326--53 FR 35080; September 9, 1988.
329--53 FR 37972; September 28, 1988.
330--53 FR 37975; September 28, 1988.
331--53 FR 37978; September 28, 1988.
332--53 FR 37982; September 28, 1988.
333--53 FR 38451; September 30, 1988.
335--53 FR 38456; September 30, 1988.
339--53 FR 38474; September 30, 1988.
341--53 FR 45861; November 14, 1988.
343--54 FR 2134; January 19, 1989.
344--54 FR 5938; February 7, 1989.
346--54 FR 10154; March 10, 1989.
347--54 FR 14967; April 14, 1989.
352--54 FR 29658; July 13, 1989.
353--54 FR 29663; July 13, 1989.
354--54 FR 29730; July 14, 1989.
355--54 FR 30554; July 21, 1989.
356--54 FR 31196; July 27, 1989.
360--54 FR 35305; August 24, 1989.
362--54 FR 38947; September 21, 1989.
363--54 FR 38950; September 21, 1989.
367--54 FR 39857; September 28, 1989.
368--54 FR 39863; September 28, 1989.
373--55 FR 433; January 5, 1990.
374--55 FR 4157; February 6, 1990.
375--55 FR 4159; February 6, 1990.
379--55 FR 12790; April 5, 1990.
380--55 FR 12793; April 5, 1990.
381--55 FR 12797; April 5, 1990.
385--55 FR 13491; April 10, 1990.
386--55 FR 13911; April 13, 1990.
389--55 FR 24246; June 15, 1990.
392--55 FR 25599; June 21, 1990.
395--55 FR 29370; July 19, 1990.
397--55 FR 32255; August 8, 1990.
398--55 FR 32257; August 8, 1990.
402--55 FR 39864; September 28, 1990.
403--55 FR 39867; September 28, 1990.
406--55 FR 49050; November 26, 1990.
409--55 FR 50187; December 5, 1990.
413--56 FR 1453; January 14, 1991.
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.
429--56 FR 32983; July 18, 1991.
430--56 FR 34154; July 26, 1991.
434--56 FR 46239; September 11, 1991.
435--56 FR 47694; September 20, 1991.
436--56 FR 47699; September 20, 1991.
437--56 FR 48751; September 20, 1991.
438--56 FR 48755; September 20, 1991.
439--56 FR 49636; September 30, 1991.
440--56 FR 49639; September 30, 1991.
441--56 FR 49643; September 30, 1991.
445--56 FR 49853; October 2, 1991.

448--56 FR 55785; October 29, 1991.
450--56 FR 57849; November 14, 1991.
451--56 FR 60937; November 29, 1991.
452--56 FR 60940; November 29, 1991.
453--56 FR 61182; December 2, 1991.
457--57 FR 1403; January 14, 1992.
458--57 FR 2053; January 17, 1992.
460--57 FR 14653; April 22, 1992.
461--57 FR 14785; April 22, 1992.
463--57 FR 19819; May 8, 1992.
464--57 FR 20588; May 13, 1992.
465--57 FR 20592; May 13, 1992.
466--57 FR 20595; May 13, 1992.
467--57 FR 20787; May 15, 1992.
468--57 FR 21564; May 20, 1992.
470--57 FR 21574; May 20, 1992.
471--57 FR 24199; June 8, 1992.
472--57 FR 27858; June 22, 1992.
473--57 FR 27863; June 22, 1992.
474--57 FR 27867; June 22, 1992.
476--57 FR 30168; July 8, 1992.
477--57 FR 44340; September 25, 1992.
478--57 FR 44708; September 29, 1992.
480--57 FR 46339; October 8, 1992.
481--57 FR 46344; October 8, 1992.
482--57 FR 46747; October 28, 1992.
490--58 FR 8242; February 12, 1993.
491--58 FR 11552; February 26, 1993.
497--58 FR 18035; April 7, 1993.
498--58 FR 18041; April 7, 1993.
500--58 FR 25754; April 27, 1993.
501--58 FR 25758; April 27, 1993.
504--58 FR 32311; June 9, 1993.
506--58 FR 35891; July 2, 1993.
507--58 FR 37443; July 12, 1993.
509--58 FR 40547; July 28, 1993.
510--58 FR 40551; July 28, 1993.
511--58 FR 41383; August 3, 1993.
512--58 FR 41391; August 3, 1993.
515--58 FR 49879; September 23, 1993.
519--58 FR 52030; October 6, 1993.
521--58 FR 53807; October 10/18/93.
523--58 FR 62050; November 24, 1993.
524--58 FR 68480; December 27, 1993.
528--59 FR 5510; February 4, 1994.
529--59 FR 8141; February 18, 1994.
530--59 FR 9327; February 25, 1994.
531--59 FR 10324; March 2, 1994.
532--59 FR 10324; March 4, 1994.
535--59 FR 13840; March 23, 1994.
536--59 FR 14493; March 28, 1994.
537--59 FR 15345; April 1, 1994.
541--59 FR 32937; June 27, 1994.
542--59 FR 35864; July 14, 1994.
544--59 FR 42176; August 17, 1994.
547--59 FR 43652; August 24, 1994.
551--59 FR 46718; September 9, 1994.
553--59 FR 49031; September 26, 1994.
555--59 FR 49863; September 30, 1994.
556--59 FR 50857; October 6, 1994.
558--59 FR 56333; November 10, 1994.
559--59 FR 56350; November 10, 1994.
564--59 FR 60568; November 25, 1994.
565--59 FR 62352; December 5, 1994.
567--59 FR 64623; December 15, 1994.
570--60 FR 61; January 3, 1995.
572--60 FR 3562; January 18, 1995.

SPECIES REMOVED FROM THE ENDANGERED AND THREATENED LISTS

The following list of wildlife removed from the list at Section 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. The American alligator, for example, was delisted June 4, 1987 (52 FR 21059-64) but remains in Section 17.11 due to similarity of appearance to listed crocodilians. In cases where only a portion of the vertebrate species is delisted, the entry remains in Section 17.11 in the modified form with the citation to the **Federal Register** indicated under "When listed," for example, brown pelican and gray whale.

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 Citation
Common name	Scientific name				
Duck, Mexican	<i>Anas ``diazii''</i>	U.S.A. (AZ, NM, TX) to central Mexico	U.S. only	E	43 FR 32258-61; July 25, 1978
Pupfish, Tecopa	<i>Cyprinodon nevadensis calidae</i>	U.S.A. (CA)	Entire	E	47 FR 2317-19; January 15, 1982
Cisco, longjaw	<i>Coregonus alpenae</i>	U.S.A. and Canada (Lakes Michigan, Huron, Erie)	Entire	E	48 FR 39941-43; September 2, 1983
Pike, blue	<i>Stizostedion vitreum glaucum</i>	U.S.A. and Canada (Lakes Erie, Ontario)	Entire	E	48 FR 39941-43; September 2, 1983
Sparrow, Santa Barbara song	<i>Melospiza melodia graminea</i>	U.S.A. (CA)	Entire	E	48 FR 46336-37; October 12, 1983
Treefrog, Pine Barrens	<i>Hyla andersonii</i>	U.S.A. (FL, AL, NC, SC, NJ)	Florida	E	48 FR 52740-43; November 22, 1983
Pearly mussel, Sampson's	<i>Epioblasma (=Dysnomia) sampsoni</i>	U.S.A. (IL, IN)	NA	E	49 FR 1057-58; January 9 1984
Turtle, Indian flap-shelled	<i>Lissemys punctata punctata</i>	India, Pakistan, Bangladesh	Entire	E	49 FR 7394-98; February 29, 1984
Butterfly, Bahama swallowtail	<i>Heracilides (=Papilio) andraemon bonhotei</i>	U.S.A. (FL), Bahamas	NA	T	49 FR 34501-04; August 31, 1984
Dove, Palau	<i>Gallucolumba canifrons</i>	W. Pacific: U.S.A. (Palau Islands)	Entire	E	50 FR 37192-94; September 12, 1985
Fantail, Palau (Old World flycatcher)	<i>Rhipidura lepida</i>	W. Pacific: U.S.A. (Palau Islands)	Entire	E	50 FR 37192-94; September 12, 1985
Owl, Palau	<i>Pyroglaux (=Otus) podargina</i>	W. Pacific: U.S.A. (Palau Islands)	Entire	E	50 FR 37192-94; September 12, 1985
Gambusia, Amistad (=Goodenough)	<i>Gambusia amistadensis</i>	U.S.A. (TX)	Entire	E	52 FR 86083-85; December 4, 1987
Milk-vetch, Rydberg	<i>Astragalus perianus</i>	U.S.A. (UT)	NA	T	54 FR 37941-43; September 14, 1989
Cactus, purple-spined hedgehog	<i>Echinocereus engelmannii</i> var. <i>purpureus</i>	U.S.A. (UT)	NA	E	54 FR 48749-51; November 27, 1989
Sparrow, dusky seaside	<i>Ammodramus (=Ammospiza) maritimus nigrescens.</i>	U.S.A. (FL)	NA	E	55 FR 51112-14; December 12, 1990
Globeberry, Tumamoc	<i>Tumamoca macdougallii</i>	U.S.A. (AZ), Mexico	NA	E	58 FR 33562-65; June 18, 1993
Cactus, spineless hedgehog	<i>Echinocereus triglochidiatus</i> var. <i>inermis</i>	U.S.A. (CO, UT)	NA	E	58 FR 49242-44; September 22, 1993
Pennyroyal, Mckittrick	<i>Hedoma apiculatum</i>	U.S.A. (NM, TX)	NA	T	58 FR 49244-47; September 22, 1993
Falcon, Arctic peregrine	<i>Falco peregrinus tundrius</i>	Nests from northern Alaska to Greenland; winters to Central and South America	Entire	T	59 FR 50796-805; October 5, 1994