

## Title 50—Wildlife and Fisheries

### PART 17—ENDANGERED AND THREATENED WILDLIFE AND PLANTS

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#### Subpart B—Lists

##### § 17.11 Endangered and threatened wildlife.

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

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

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

(d) The other data in the list are nonregulatory in nature and are provided for

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

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

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

(2) The “Special rules” and “Critical habitat” columns provide a cross reference to other sections in Parts 17, 222, 226, or 227. The “Special rules” column will also be used to cite the special rules that describe experimental populations and determine if they are essential or nonessential. Separate listing will be made for experimental populations, and the status column will include the following symbols: “XE” for an essential experimental population and “XN” for a nonessential experimental population. The term “NA” (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However,

all other appropriate rules in Parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such wildlife, e.g., port-of-entry requirements. It is not intended that the references in the “Special rules” column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units. For example, the genus *Hylobates* (gibbons) is listed as Endangered throughout its entire range (China, India, and SE Asia); consequently, all species, subspecies, and populations of that genus are considered listed as Endangered for the purposes of the Act.

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

**Editorial Note:** This is a compilation and special reprint of 50 CFR 17.11 and 17.12 and is current as of February 28, 1997. 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 Information Branch of the Division of Endangered Species of any errors in this special reprint.

**Internet Access:** A version of these lists that has been reformatted for the World Wide Web (WWW) is available to Web browsers in the “Species” area at the address:

<http://www.fws.gov/~r9endspp/endspp.html>

**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 October 31, 1995 republication 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.

**NOTE: This Special Reprint is current as of February 28, 1997.**

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
MAMMALS							
Anoa, lowland	<i>Bubalus depressicornis</i> (=B. <i>anoa depressicornis</i> ).	Indonesia	Entire	E	3	NA	NA
Anoa, mountain	<i>Bubalus quarlesi</i> (=B. <i>anoa quarlesi</i> )	.....do	.....do	E	15	NA	NA
Antelope, giant sable	<i>Hippotragus niger variani</i>	Angola	.....do	E	15	NA	NA
Argali	<i>Ovis ammon</i>	Afghanistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan, Uzbekistan.	Entire except Kyrgyzstan, Mongolia, and Tajikistan.	E	15, 475	NA	NA
Do	.....do	.....do	Kyrgyzstan, Mongolia, and Tajikistan.	T	15, 475	NA	17.40(j)
Armadillo, giant	<i>Priodontes maximus</i> (=giganteus)	Venezuela and Guyana to Argentina	Entire	E	15	NA	NA
Armadillo, pink fairy	<i>Chlamyphorus truncatus</i>	Argentina	.....do	E	3	NA	NA
Ass, African wild	<i>Equus asinus</i> (=africanus)	Somalia, Sudan, Ethiopia	Somalia, Sudan, Ethiopia.	E	3, 22	NA	NA
Ass, Asian wild (=kulan, onager)	<i>Equus hemionus</i>	Southwestern and Central Asia	Entire	E	3	NA	NA
Avahi	<i>Avahi</i> (=Lichanotus) laniger (=entire genus).	Malagasy Republic (=Madagascar)	.....do	E	3	NA	NA
Aye-aye	<i>Daubentonia madagascariensis</i>	.....do	.....do	E	3	NA	NA
Babirusa	<i>Babyrousa babyrussa</i>	Indonesia	.....do	E	15	NA	NA
Baboon, gelada	<i>Theropithecus gelada</i>	Ethiopia	.....do	T	16	NA	17.40(c)
Bandicoot, barred	<i>Perameles bougainville</i>	Australia	.....do	E	4	NA	NA
Bandicoot, desert	<i>Perameles eremiana</i>	.....do	.....do	E	6	NA	NA
Bandicoot, lesser rabbit	<i>Macrotis leucura</i>	.....do	.....do	E	4	NA	NA
Bandicoot, pig-footed	<i>Chaeropus ecaudatus</i>	.....do	.....do	E	4	NA	NA
Bandicoot, rabbit	<i>Macrotis lagotis</i>	.....do	.....do	E	4	NA	NA
Banteng	<i>Bos javanicus</i> (=banteng)	Southeast Asia	.....do	E	3	NA	NA
Bat, Bulmer's fruit (flying fox)	<i>Aproteles bulmerae</i>	Papua New Guinea	.....do	E	139	NA	NA
Bat, bumblebee	<i>Craseonycteris thonglongyai</i>	Thailand	.....do	E	139	NA	NA
Bat, gray	<i>Myotis grisescens</i>	Central and southeastern U.S.A.	.....do	E	13	NA	NA
Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	U.S.A. (HI)	.....do	E	2	NA	NA
Bat, Indiana	<i>Myotis sodalis</i>	Eastern and Midwestern U.S.A.	.....do	E	1	17.95(a)	NA
Bat, lesser (=Sanborn's) long-nosed	<i>Leptonycteris curasoae</i> (=sanborni) yerbabuena.	U.S.A. (AZ, NM), Mexico, Central America.	.....do	E	336	NA	NA
Bat, little Mariana fruit	<i>Pteropus tokudae</i>	Western Pacific Ocean—U.S.A. (Guam).	.....do	E	156	NA	NA
Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	Western Pacific Ocean—U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan).	Guam	E	156	NA	NA
Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	U.S.A. (NM, TX), Mexico, Central America.	Entire	E	336	NA	NA
Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	U.S.A. (MO, OK, AR)	.....do	E	85	NA	NA
Bat, Rodrigues fruit (flying fox)	<i>Pteropus rodrigensis</i>	Indian Ocean—Rodrigues Island	.....do	E	139	NA	NA
Bat, Singapore roundleaf horseshoe	<i>Hipposideros ridleyi</i>	Malaysia	.....do	E	139	NA	NA
Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	U.S.A. (KY, NC, WV, VA)	.....do	E	85	17.95(a)	NA
Bear, American black	<i>Ursus americanus</i>	North America	U.S.A. (LA, MS, TX)	T(S/A)	456	NA	17.40(i)
Bear, Baluchistan	<i>Ursus thibetanus gedrosianus</i>	Iran, Pakistan	Entire	E	233	NA	NA
Bear, brown	<i>Ursus arctos arctos</i>	Palaearctic	Italy	E	15, 15A	NA	NA
Do	<i>Ursus arctos pruinosus</i>	China (Tibet)	Entire	E	15	NA	NA
Bear, grizzly (=brown)	<i>Ursus arctos</i>	Holarctic	U.S.A., conterminous (lower 48) States.	T	1, 2D, 9	NA	17.40(b)
Bear, Louisiana black	<i>Ursus americanus luteolus</i>	U.S.A. (LA, MS, TX)	Entire	T	456	NA	17.40(i)
Bear, Mexican grizzly	<i>Ursus arctos</i> (=U. a. nelsoni)	Holarctic	Mexico	E	3	NA	NA

Beaver .....	<i>Castor fiber birulai</i> .....	Mongolia .....	Entire .....	E	15	NA	NA
Bison, wood .....	<i>Bison bison athabasca</i> .....	Canada, northwestern U.S.A. ....	Canada .....	E	3	NA	NA
Bobcat .....	<i>Felis rufus escuinapae</i> .....	Central Mexico .....	Entire .....	E	15	NA	NA
Bontebok (antelope) .....	<i>Damaliscus dorcas dorcas</i> .....	South Africa .....	.....do .....	E	15	NA	NA
Camel, Bactrian .....	<i>Camelus bactrianus (=ferus)</i> .....	Mongolia, China .....	.....do .....	E	15	NA	NA
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 Co- lumbia bounded by the U.S.-Can. border, Columbia R., Kootenay R., Kootenay L., andKootenai R.).	E	128E, 136E, 143	NA	NA
Cat, Andean .....	<i>Felis jacobita</i> .....	Chile, Peru, Bolivia, Argentina .....	Entire .....	E	15	NA	NA
Cat, black-footed .....	<i>Felis nigripes</i> .....	Southern Africa .....	.....do .....	E	15	NA	NA
Cat, flat-headed .....	<i>Felis planiceps</i> .....	Malaysia, Indonesia .....	.....do .....	E	15	NA	NA
Cat, Iriomote .....	<i>Felis (Mayailurus) iriomotensis</i> .....	Japan (Iriomote Island, Ryukyu Is- lands).	.....do .....	E	50	NA	NA
Cat, leopard .....	<i>Felis bengalensis bengalensis</i> .....	India, Southeast Asia .....	.....do .....	E	15	NA	NA
Cat, marbled .....	<i>Felis marmorata</i> .....	Nepal, Southeast Asia, Indonesia .....	.....do .....	E	15	NA	NA
Cat, Pakistan sand .....	<i>Felis margarita scheffeli</i> .....	Pakistan .....	.....do .....	E	139	NA	NA
Cat, Temminck's (=golden cat) .....	<i>Felis temmincki</i> .....	Nepal, China, Southeast Asia, Indo- nesia (Sumatra).	.....do .....	E	15	NA	NA
Cat, tiger .....	<i>Felis tigrinus</i> .....	Costa Rica to northern Argentina .....	.....do .....	E	5	NA	NA
Chamois, Apennine .....	<i>Rupicapra rupicapra ornata</i> .....	Italy .....	.....do .....	E	15	NA	NA
Cheetah .....	<i>Acinonyx jubatus</i> .....	Africa to India .....	.....do .....	E	3, 5	NA	NA
Chimpanzee .....	<i>Pan troglodytes</i> .....	Africa-see 17.40(c)(3) .....	Wherever found in the wild.	E	16, 376	NA	NA
Do .....	.....do .....	.....do .....	Wherever found in captivity.	T	16, 376	NA	17.40(c)
Chimpanzee, pygmy .....	<i>Pan paniscus</i> .....	Zaire .....	Entire .....	E	16, 376	NA	NA
Chinchilla .....	<i>Chinchilla brevicaudata boliviana</i> .....	Bolivia .....	.....do .....	E	15	NA	NA
Civet, Malabar large-spotted .....	<i>Viverra megaspila civettina</i> .....	India .....	.....do .....	E	50	NA	NA
Cochito (=Gulf of California harbor porpoise).	<i>Phocoena sinus</i> .....	Mexico (Gulf of California) .....	.....do .....	E	169	NA	NA
Cougar, eastern .....	<i>Felis concolor cougar</i> .....	Eastern North America .....	.....do .....	E	6	NA	NA
Deer, Bactrian .....	<i>Cervus elaphus bactrianus</i> .....	Tajikistan, Uzbekistan, Afghanistan .....	.....do .....	E	50	NA	NA
Deer, Barbary .....	<i>Cervus elaphus barbarus</i> .....	Morocco, Tunisia, Algeria .....	.....do .....	E	50	NA	NA
Deer, Bawean .....	<i>Axis (=Cervus) porcinus kuhli</i> .....	Indonesia .....	.....do .....	E	3	NA	NA
Deer, Cedros Island mule .....	<i>Odocoileus hemionus cedrosensis</i> .....	Mexico (Cedros Island) .....	.....do .....	E	10	NA	NA
Deer, Columbian white-tailed .....	<i>Odocoileus virginianus leucurus</i> .....	U.S.A. (WA, OR) .....	.....do .....	E	1	NA	NA
Deer, Corsican red .....	<i>Cervus elaphus corsicanus</i> .....	Corsica, Sardinia .....	.....do .....	E	50	NA	NA
Deer, Eld's brow-antlered .....	<i>Cervus eldi</i> .....	India to Southeast Asia .....	.....do .....	E	3	NA	NA
Deer, Formosan sika .....	<i>Cervus nippon taiouanus</i> .....	Taiwan .....	.....do .....	E	50	NA	NA
Deer, hog .....	<i>Axis (=Cervus) porcinus annamiticus</i> .....	Thailand, Indochina .....	.....do .....	E	15	NA	NA
Deer, key .....	<i>Odocoileus virginianus clavium</i> .....	U.S.A. (FL) .....	.....do .....	E	1	NA	NA
Deer, marsh .....	<i>Blastocercus dichotomus</i> .....	Argentina, Uruguay, Paraguay, Bo- livia, Brazil.	.....do .....	E	3	NA	NA
Deer, McNeill's .....	<i>Cervus elaphus macneilli</i> .....	China (Sinkiang, Tibet) .....	.....do .....	E	3	NA	NA
Deer, musk .....	<i>Moschus</i> spp. (all species) .....	Central and eastern Asia .....	Afghanistan, Bhu- tan, Burma, China (Tibet, Yunnan), India, Nepal, Pakistan, Sikkim.	E	15	NA	NA
Deer, North China sika .....	<i>Cervus nippon mandarinus</i> .....	China (Shantung and Chihli Prov- inces).	Entire .....	E	50	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Deer, pampas	<i>Ozotoceros bezoarticus</i>	Brazil, Argentina, Uruguay, Bolivia, Paraguay.	.....do	E	15	NA	NA
Deer, Persian fallow	<i>Dama dama mesopotamica</i>	Iraq, Iran	.....do	E	3	NA	NA
Deer, Philippine	<i>Axis (=Cervus) porcinus calamianensis</i> .	Philippines (Calamian Islands)	.....do	E	15	NA	NA
Deer, Ryukyu sika	<i>Cervus nippon keramae</i>	Japan (Ryukyu Islands)	.....do	E	50	NA	NA
Deer, Shansi sika	<i>Cervus nippon grassianus</i>	China (Shansi Province)	.....do	E	50	NA	NA
Deer, South China sika	<i>Cervus nippon kopschi</i>	Southern China	.....do	E	50	NA	NA
Deer, swamp (=barasingha)	<i>Cervus duvauceli</i>	India, Nepal	.....do	E	3	NA	NA
Deer, Visayan	<i>Cervus alfredi</i>	Philippines	.....do	E	320	NA	NA
Deer, Yarkand	<i>Cervus elaphus yarkandensis</i>	China (Sinkiang)	.....do	E	50	NA	NA
Dhole (=Asiatic wild dog)	<i>Cuon alpinus</i>	C.I.S., Korea, China, India, Southeast Asia.	.....do	E	3	NA	NA
Dibbler	<i>Antechinus apicalis</i>	Australia	.....do	E	4	NA	NA
Dog, African wild	<i>Lycaon pictus</i>	Sub-Saharan Africa	.....do	E	139	NA	NA
Dolphin, Chinese river (=whitefin)	<i>Lipotes vexillifer</i>	China	.....do	E	350	NA	NA
Dolphin, Indus River	<i>Platanista minor</i>	Pakistan (Indus R. and tributaries)	.....do	E	417	NA	NA
Drill	<i>Papio leucophaeus</i>	Equatorial West Africa	.....do	E	16	NA	NA
Dugong	<i>Dugong dugon</i>	East Africa to southern Japan, including U.S.A. (Trust Territories).	Entire, except Palau	E	4	NA	NA
Duiker, Jentink's	<i>Cephalophus jentinki</i>	Sierra Leone, Liberia, Ivory Coast	Entire	E	50	NA	NA
Eland, western giant	<i>Taurotragus derbianus derbianus</i>	Senegal to Ivory Coast	.....do	E	50	NA	NA
Elephant, African	<i>Loxodonta africana</i>	Africa	.....do	T	40	NA	17.40(e)
Elephant, Asian	<i>Elephas maximus</i>	South-central and southeastern Asia	.....do	E	15	NA	NA
• Ferret, black-footed	<i>Mustela nigripes</i>	Western U.S.A., western Canada	Entire, except where listed as an experimental population below.	E	1, 3, 433, 545, 546, 582	NA	NA
• Do	.....do	.....do	U.S.A. (specific portions of MT, SD, WY, and AZ, see 17.84(g)).	XN	433, 545, 546, 582	NA	17.84(g)
Fox, northern swift	<i>Vulpes velox hebes</i>	U.S.A. (northern plains), Canada	Canada	E	3	NA	NA
Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	U.S.A. (CA)	Entire	E	1	NA	NA
Fox, Simien	<i>Canis (Simenia) simensis</i>	Ethiopia	.....do	E	50	NA	NA
Gazelle, Arabian	<i>Gazella gazella</i>	Arabian Peninsula, Palestine, Sinai	.....do	E	50	NA	NA
Gazelle, Clark's (=Dibatag)	<i>Ammodorcas clarkei</i>	Somalia, Ethiopia	.....do	E	3	NA	NA
Gazelle, Cuvier's	<i>Gazella cuvieri</i>	Morocco, Algeria, Tunisia	.....do	E	3	NA	NA
Gazelle, Mhorr	<i>Gazella dama mhorr</i>	Morocco	.....do	E	3	NA	NA
Gazelle, Moroccan (=Dorcas)	<i>Gazella dorcas massaesyala</i>	Morocco, Algeria, Tunisia	.....do	E	3	NA	NA
Gazelle, Pelzeln's	<i>Gazella dorcas pelzelni</i>	Somalia	.....do	E	50	NA	NA
Gazelle, Rio de Oro Dama	<i>Gazella dama lozanoi</i>	Western Sahara	.....do	E	3	NA	NA
Gazelle, sand	<i>Gazella subgutturosa marica</i>	Jordan, Arabian Peninsula	.....do	E	50	NA	NA
Gazelle, Saudi Arabian	<i>Gazella dorcas saudiya</i>	Israel, Iraq, Jordan, Syria, Arabian Peninsula.	.....do	E	50	NA	NA
Gazelle, slender-horned (=Rhim)	<i>Gazella leptoceros</i>	Sudan, Egypt, Algeria, Libya	.....do	E	3	NA	NA
Gibbons	<i>Hylobates</i> spp. (including <i>Nomascus</i> )	China, India, Southeast Asia	.....do	E	3, 15	NA	NA
Goat, wild (=Chiltan markhor)	<i>Capra aegagrus (=falconeri) chiltanensis</i> .	Southwestern Asia	Chiltan Range of west-central Pakistan.	E	15	NA	NA
Goral	<i>Nemorhaedus goral</i>	East Asia	Entire	E	15	NA	NA
Gorilla	<i>Gorilla gorilla</i>	Central and western Africa	.....do	E	3	NA	NA
Hare, hispid	<i>Caprolagus hispidus</i>	India, Nepal, Bhutan	.....do	E	15	NA	NA
Hartebeest, Swayne's	<i>Alcelaphus buselaphus swaynei</i>	Ethiopia, Somalia	.....do	E	3,50	NA	NA

Hartebeest, Tora .....	<i>Alcelaphus buselaphus tora</i> .....	Ethiopia, Sudan, Egypt .....	.....do .....	E	50	NA	NA
Hog, pygmy .....	<i>Sus salvanius</i> .....	India, Nepal, Bhutan, Sikkim .....	.....do .....	E	3	NA	NA
Horse, Przewalski's .....	<i>Equus przewalskii</i> .....	Mongolia, China .....	.....do .....	E	15	NA	NA
Huemul, north Andean .....	<i>Hippocamelus antisensis</i> .....	Ecuador, Peru, Chile, Bolivia, Argentina.	.....do .....	E	15	NA	NA
Huemul, South Andean .....	<i>Hippocamelus bisulcus</i> .....	Chile, Argentina .....	.....do .....	E	15	NA	NA
Hutia, Cabrera's .....	<i>Capromys angelcabrerai</i> .....	Cuba .....	.....do .....	E	233	NA	NA
Hutia, dwarf .....	<i>Capromys nana</i> .....	.....do .....	.....do .....	E	233	NA	NA
Hutia, large-eared .....	<i>Capromys auritus</i> .....	.....do .....	.....do .....	E	233	NA	NA
Hutia, little earth .....	<i>Capromys sanfelipensis</i> .....	.....do .....	.....do .....	E	233	NA	NA
Hyena, Barbary .....	<i>Hyaena hyaena barbara</i> .....	Morocco, Algeria, Tunisia .....	.....do .....	E	3	NA	NA
Hyena, brown .....	<i>Hyaena brunnea</i> .....	Southern Africa .....	.....do .....	E	3	NA	NA
Ibex, Pyrenean .....	<i>Capra pyrenaica pyrenaica</i> .....	Spain .....	.....do .....	E	3	NA	NA
Ibex, Walia .....	<i>Capra walia</i> .....	Ethiopia .....	.....do .....	E	3	NA	NA
Impala, black-faced .....	<i>Aepyceros melampus petersi</i> .....	Namibia, Angola .....	.....do .....	E	3	NA	NA
Indri .....	<i>Indri indri</i> (=entire genus) .....	Malagasy Republic (=Madagascar) ...	.....do .....	E	3	NA	NA
Jaguar .....	<i>Panthera onca</i> .....	U.S.A. (AZ, NM, TX), Central and Mexico southward ..	.....do .....	E	5	NA	NA
Jaguarundi .....	<i>Felis yagouaroundi cacomitti</i> .....	U.S.A. (TX), Mexico .....	Entire .....	E	15	NA	NA
Do .....	<i>Felis yagouaroundi fossata</i> .....	Mexico, Nicaragua .....	.....do .....	E	15	NA	NA
Do .....	<i>Felis yagouaroundi panamensis</i> .....	Nicaragua, Costa Rica, Panama .....	.....do .....	E	15	NA	NA
Do .....	<i>Felis yagouaroundi tolteca</i> .....	U.S.A. (AZ), Mexico .....	.....do .....	E	15	NA	NA
Kangaroo rat, Fresno .....	<i>Dipodomys nitratoides exilis</i> .....	U.S.A. (CA) .....	.....do .....	E	170	17.95(a)	NA
Kangaroo rat, giant .....	<i>Dipodomys ingens</i> .....	.....do .....	.....do .....	E	251	NA	NA
Kangaroo rat, Morro Bay .....	<i>Dipodomys heermanni morroensis</i> ...	.....do .....	.....do .....	E	2	17.95(a)	NA
Kangaroo rat, Stephens' .....	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i> ).	.....do .....	.....do .....	E	338	NA	NA
Kangaroo rat, Tipton .....	<i>Dipodomys nitratoides nitratoides</i> .....	.....do .....	.....do .....	E	312	NA	NA
Kangaroo, Tasmanian forester .....	<i>Macropus giganteus tasmaniensis</i> ...	Australia (Tasmania) .....	.....do .....	E	6	NA	NA
Kouprey .....	<i>Bos sauveli</i> .....	Vietnam, Laos, Cambodia, Thailand ..	.....do .....	E	3	NA	NA
Langur, capped .....	<i>Presbytis pileata</i> .....	India, Burma, Bangladesh .....	.....do .....	E	15	NA	NA
Langur, Douc .....	<i>Pygathrix nemaeus</i> .....	Cambodia, Laos, Vietnam .....	.....do .....	E	3	NA	NA
Langur, entellus .....	<i>Presbytis entellus</i> .....	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh.	.....do .....	E	15	NA	NA
Langur, Francois' .....	<i>Presbytis francoisi</i> .....	China (Kwangsi), Indochina .....	.....do .....	E	16	NA	NA
Langur, golden .....	<i>Presbytis geei</i> .....	India (Assam), Bhutan .....	.....do .....	E	15	NA	NA
Langur, long-tailed .....	<i>Presbytis potenziani</i> .....	Indonesia .....	.....do .....	T	16	NA	17.40(c)
Langur, Pagi Island .....	<i>Nasalis (Simias) concolor</i> .....	.....do .....	.....do .....	E	3	NA	NA
Langur, purple-faced .....	<i>Presbytis senex</i> .....	Sri Lanka .....	.....do .....	T	16	NA	17.40(c)
Lechwe, red .....	<i>Kobus leche</i> .....	Southern Africa .....	.....do .....	T	3, 15, 106	NA	NA
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) ...	.....do .....	E	3, 15, 15A	NA	NA
Leopard .....	<i>Panthera pardus</i> .....	Africa, Asia .....	Wherever found, except where it is listed as Threatened as set forth below.	E	3, 5, 114	NA	NA
Do .....	.....do .....	.....do .....	In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya.	T	3, 5, 114	NA	17.40(f)

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Leopard, clouded	<i>Neofelis nebulosa</i>	Southeastern and south-central Asia, Taiwan.	Entire	E	3, 15	NA	NA
Leopard, snow	<i>Panthera uncia</i>	Central Asia	.....do	E	5	NA	NA
Linsang, spotted	<i>Prionodon pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma.	.....do	E	15	NA	NA
Lion, Asiatic	<i>Panthera leo persica</i>	Turkey to India	.....do	E	3	NA	NA
Lion, mountain	<i>Felis concolor</i> (all subsp. except <i>coryi</i> ).	Canada to South America	U.S.A. (FL)	T(S/A)	432	NA	17.40(h)
Loris, lesser slow	<i>Nycticebus pygmaeus</i>	Indochina	Entire	T	16	NA	17.40(c)
Lynx, Spanish	<i>Felis (=Lynx) pardina</i>	Spain, Portugal	.....do	E	3	NA	NA
Macaque, Formosan rock	<i>Macaca cyclopis</i>	Taiwan	.....do	T	16	NA	17.40(c)
Macaque, Japanese	<i>Macaca fuscata</i>	Japan (Shikoku, Kyushu and Honshu Islands).	.....do	T	16	NA	17.40(c)
Macaque, lion-tailed	<i>Macaca silenus</i>	India	.....do	E	3	NA	NA
Macaque, stump-tailed	<i>Macaca arctoides</i>	India (Assam) to southern China	.....do	T	16	NA	17.40(c)
Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka	.....do	T	16	NA	17.40(c)
Manatee, Amazonian	<i>Trichechus inunguis</i>	South America (Amazon R. basin)	.....do	E	3	NA	NA
Manatee, West African	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal R. to Cuanza R..	.....do	T	52	NA	NA
Manatee, West Indian (=Florida)	<i>Trichechus manatus</i>	U.S.A. (southeastern), Caribbean Sea, South America.	.....do	E	1, 3	17.95(a)	17.108 (a)
Mandrill	<i>Papio sphinx</i>	Equatorial West Africa	.....do	E	16	NA	NA
Mangabey, Tana River	<i>Cercocebus galeritus</i>	Kenya	.....do	E	3	NA	NA
Mangabey, white-collared	<i>Cercocebus torquatus</i>	Senegal to Ghana; Nigeria to Gabon	.....do	E	16	NA	NA
Margay	<i>Felis wiedii</i>	U.S.A. (TX), Central and South America.	Mexico southward	E	5	NA	NA
Markhor, Kabal	<i>Capra falconeri megaceros</i>	Afghanistan, Pakistan	Entire	E	15	NA	NA
Markhor, straight-horned	<i>Capra falconeri jerdoni</i>	.....do	.....do	E	15	NA	NA
Marmoset, buff-headed	<i>Callithrix flaviceps</i>	Brazil	.....do	E	139	NA	NA
Marmoset, buffy tufted-ear	<i>Callithrix jacchus aurita</i>	.....do	.....do	E	233	NA	NA
Marmoset, cotton-top	<i>Saguinus oedipus</i>	Costa Rica to Colombia	.....do	E	16	NA	NA
Marmoset, Goeldi's	<i>Callimico goeldii</i>	Brazil, Colombia, Ecuador, Peru, Bolivia.	.....do	E	3	NA	NA
Marmot, Vancouver Island	<i>Marmota vancouverensis</i>	Canada (Vancouver Island)	.....do	E	139	NA	NA
Marsupial, eastern jerboa	<i>Antechinomys laniger</i>	Australia	.....do	E	4	NA	NA
Marsupial-mouse, large desert	<i>Sminthopsis psammophila</i>	.....do	.....do	E	4	NA	NA
Marsupial-mouse, long-tailed	<i>Sminthopsis longicaudata</i>	.....do	.....do	E	4	NA	NA
Marten, Formosan yellow-throated	<i>Martes flavigula chrysospila</i>	Taiwan	.....do	E	3	NA	NA
Monkey, black colobus	<i>Colobus satanas</i>	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon.	.....do	E	16	NA	NA
Monkey, black howler	<i>Alouatta pigra</i>	Mexico, Guatemala, Belize	.....do	T	16	NA	17.40(c)
Monkey, Diana	<i>Cercopithecus diana</i>	Coastal West Africa	.....do	E	16	NA	NA
Monkey (=langur), Guizhou snub-nosed.	<i>Rhinopithecus (=Pygathrix) brelichi</i>	China	.....do	E	400	NA	NA
Monkey, howler	<i>Alouatta palliata</i> (=villosa)	Mexico to South America	.....do	E	15	NA	NA
Monkey, L'hoest's	<i>Cercopithecus lhoesti</i>	Upper eastern Congo R. Basin, Cameroon.	.....do	E	16	NA	NA
Monkey, Preuss' red colobus	<i>Colobus badius preussi</i>	Cameroon	.....do	E	139	NA	NA
Monkey, proboscis	<i>Nasalis larvatus</i>	Borneo	.....do	E	15	NA	NA
Monkey, red-backed squirrel	<i>Saimiri oerstedii</i>	Costa Rica, Panama	.....do	E	3	NA	NA
Monkey, red-bellied	<i>Cercopithecus erythrogaster</i>	Western Nigeria	.....do	E	16	NA	NA
Monkey, red-eared nose-spotted	<i>Cercopithecus erythrotis</i>	Nigeria, Cameroon, Fernando Po	.....do	E	16	NA	NA
Monkey (=langur), Sichuan snub-nosed.	<i>Rhinopithecus (=Pygathrix) roxellana</i>	China	.....do	E	400	NA	NA

Monkey, spider	<i>Ateles geoffroyi frontatus</i>	Costa Rica, Nicaragua	.....do	E	3	NA	NA
Do	<i>Ateles geoffroyi panamensis</i>	Costa Rica, Panama	.....do	E	3	NA	NA
Monkey, Tana River red colobus	<i>Colobus rufomitratus (=badius) rufomitratus.</i>	Kenya	.....do	E	3	NA	NA
Monkey (=langur), Tonkin snub-nosed	<i>Rhinopithecus (=Pygathrix) avunculus</i>	Vietnam	.....do	E	16, 400	NA	NA
Monkey, woolly spider	<i>Brachyteles arachnoides</i>	Brazil	.....do	E	3	NA	NA
Monkey, yellow-tailed woolly	<i>Lagothrix flavicauda</i>	Andes of northern Peru	.....do	E	16	NA	NA
Monkey (=langur), Yunnan snub-nosed.	<i>Rhinopithecus (=Pygathrix) bieti</i>	China	.....do	E	400	NA	NA
Monkey, Zanzibar red colobus	<i>Colobus kirki</i>	Tanzania	.....do	E	3	NA	NA
Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	U.S.A. (CA)	.....do	E	454	NA	NA
Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	U.S.A. (AL)	.....do	E	183	17.95(a)	NA
Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	U.S.A. (FL)	.....do	E	349	NA	NA
Mouse, Australian native	<i>Notomys aquilo</i>	Australia	.....do	E	15	NA	NA
Do	<i>Zyzomys (=Notomys) pedunculatus</i>	.....do	.....do	E	15	NA	NA
Mouse, Choctawahatchee beach	<i>Peromyscus polionotus allophrys</i>	U.S.A. (FL)	.....do	E	183	17.95(a)	NA
Mouse, Field's	<i>Pseudomys fieldi</i>	Australia	.....do	E	4	NA	NA
Mouse, Gould's	<i>Pseudomys gouldii</i>	.....do	.....do	E	6	NA	NA
Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	U.S.A. (FL)	.....do	E	131E, 160	NA	NA
Mouse, New Holland	<i>Pseudomys novaehollandiae</i>	Australia	.....do	E	4	NA	NA
Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	U.S.A. (CA)	.....do	E	526E, 554	NA	NA
Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	U.S.A. (AL, FL)	.....do	E	183	17.95(a)	NA
Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	U.S.A. (CA)	.....do	E	2	NA	NA
Mouse, Shark Bay	<i>Pseudomys praeconis</i>	Australia	.....do	E	4	NA	NA
Mouse, Shortridge's	<i>Pseudomys shortridgei</i>	.....do	.....do	E	4	NA	NA
Mouse, Smoky	<i>Pseudomys fumeus</i>	.....do	.....do	E	4	NA	NA
Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	U.S.A. (FL)	.....do	T	349	NA	NA
Mouse, western	<i>Pseudomys occidentalis</i>	Australia	.....do	E	4	NA	NA
Muntjac, Fea's	<i>Muntiacus feae</i>	Northern Thailand, Burma	.....do	E	50	NA	NA
Native-cat, eastern	<i>Dasyurus viverrinus</i>	Australia	.....do	E	6	NA	NA
Numbat	<i>Myrmecobius fasciatus</i>	.....do	.....do	E	4, 6	NA	NA
Ocelot	<i>Felis pardalis</i>	U.S.A. (AZ, TX) to Central and South America.	.....do	E	5, 119	NA	NA
Orangutan	<i>Pongo pygmaeus</i>	Borneo, Sumatra	.....do	E	3	NA	NA
Oryx, Arabian	<i>Oryx leucoryx</i>	Arabian Peninsula	.....do	E	3	NA	NA
Otter, Cameroon clawless	<i>Aonyx (Paraonyx) congica microdon</i>	Cameroon, Nigeria	.....do	E	3	NA	NA
Otter, giant	<i>Pteronura brasiliensis</i>	South America	.....do	E	3	NA	NA
Otter, long-tailed	<i>Lutra longicaudis (incl. platensis)</i>	.....do	.....do	E	3, 15	NA	NA
Otter, marine	<i>Lutra felina</i>	Peru south to Straits of Magellan	.....do	E	15	NA	NA
Otter, southern river	<i>Lutra provocax</i>	Chile, Argentina	.....do	E	15	NA	NA
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	21, 284	NA	NA
Do	.....do	.....do	All areas subject to U.S. jurisdiction south of Pt. Conception, CA (34°26.9' N. Lat.) [Note—status governed by Pub. L. 99-625, 100 Stat. 3500.].	XN	21, 284	NA	17.84(d)
Panda, giant	<i>Ailuropoda melanoleuca</i>	China	Entire	E	139	NA	NA
Pangolin (=scaly anteater)	<i>Manis temmincki</i>	Africa	.....do	E	15	NA	NA
Panther, Florida	<i>Felis concolor coryi</i>	U.S.A. (LA and AR east to SC and FL).	.....do	E	1	NA	NA
Planigale, little	<i>Planigale ingrami subtilissima</i>	Australia	.....do	E	4	NA	NA
Planigale, southern	<i>Planigale tenuirostris</i>	.....do	.....do	E	4	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Porcupine, thin-spined	<i>Chaetomys subspinosus</i>	Brazil	.....do	E	3	NA	NA
Possum, Leadbeater's	<i>Gymnobelideus leadbeateri</i>	.....do	.....do	E	233	NA	NA
Possum, mountain pygmy	<i>Burramys parvus</i>	Australia	.....do	E	4	NA	NA
Possum, scaly-tailed	<i>Wyulda squamicaudata</i>	.....do	.....do	E	4	NA	NA
Prairie dog, Mexican	<i>Cynomys mexicanus</i>	Mexico	.....do	E	3	NA	NA
Prairie dog, Utah	<i>Cynomys parvidens</i>	U.S.A. (UT)	.....do	T	6, 149	NA	17.40(g)
Pronghorn, peninsular	<i>Antilocapra americana peninsularis</i>	Mexico (Baja California)	.....do	E	10	NA	NA
Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	U.S.A. (AZ), Mexico	.....do	E	1, 3	NA	NA
Pudu	<i>Pudu pudu</i>	Southern South America	.....do	E	15	NA	NA
Puma, Costa Rican	<i>Felis concolor costaricensis</i>	Nicaragua, Panama, Costa Rica	.....do	E	15	NA	NA
Quokka	<i>Setonix brachyurus</i>	Australia	.....do	E	6	NA	NA
Rabbit, Lower Keys	<i>Sylvilagus palustris hefneri</i>	U.S.A. (FL)	.....do	E	390	NA	NA
Rabbit, Ryukyu	<i>Pentalagus furnessi</i>	Japan (Ryukyu Islands)	.....do	E	50	NA	NA
Rabbit, volcano	<i>Romerolagus diazi</i>	Mexico	.....do	E	3	NA	NA
Rat, false water	<i>Xeromys myoides</i>	Australia	.....do	E	4	NA	NA
Rat, stick-nest	<i>Leporillus conditor</i>	.....do	.....do	E	6	NA	NA
Rat-kangaroo, brush-tailed	<i>Bettongia penicillata</i>	.....do	.....do	E	4	NA	NA
Rat-kangaroo, Gaimard's	<i>Bettongia gaimardi</i>	.....do	.....do	E	6	NA	NA
Rat-kangaroo, Lesueur's	<i>Bettongia lesueur</i>	.....do	.....do	E	4	NA	NA
Rat-kangaroo, plain	<i>Caloprymnus campestris</i>	.....do	.....do	E	4	NA	NA
Rat-kangaroo, Queensland	<i>Bettongia tropica</i>	.....do	.....do	E	4	NA	NA
Rhinoceros, black	<i>Diceros bicornis</i>	Sub-Saharan Africa	.....do	E	97	NA	NA
Rhinoceros, great Indian	<i>Rhinoceros unicornis</i>	India, Nepal	.....do	E	4	NA	NA
Rhinoceros, Javan	<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia.	.....do	E	3	NA	NA
Rhinoceros, northern white	<i>Ceratotherium simum cottoni</i>	Zaire, Sudan, Uganda, Central African Republic.	.....do	E	3	NA	NA
Rhinoceros, Sumatran	<i>Dicerorhinus (=Didermoceros) sumatrensis.</i>	Bangladesh to Vietnam to Indonesia (Borneo).	.....do	E	3	NA	NA
Rice rat (=silver rice rat)	<i>Oryzomys palustris natator (=O. argentatus).</i>	U.S.A. (FL)	Lower FL Keys (west of Seven Mile Bridge).	E	421	17.95(a)	NA
Saiga, Mongolian (antelope)	<i>Saiga tatarica mongolica</i>	Mongolia	Entire	E	15	NA	NA
Saki, southern bearded	<i>Chiropotes satanas satanas</i>	Brazil	.....do	E	233	NA	NA
Saki, white-nosed	<i>Chiropotes albinasus</i>	.....do	.....do	E	3	NA	NA
Sea-lion, Steller (=northern)	<i>Eumetopias jubatus</i>	U.S.A. (AK, CA, OR, WA), Canada, Russia; North Pacific Ocean.	.....do	T	384E, 408	226.12	227.12
Seal, Caribbean monk	<i>Monachus tropicalis</i>	Caribbean Sea, Gulf of Mexico	.....do	E	1, 2D, 45	NA	NA
Seal, guadalupe fur	<i>Arctocephalus townsendi</i>	U.S.A. (Farallon Islands of CA) south to Mexico (Islas Revillagigedo).	.....do	T	1, 2D, 212	NA	227.11
Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	U.S.A. (HI)	.....do	E	18	226.11	NA
Seal, Mediterranean monk	<i>Monachus monachus</i>	Mediterranean, Northwest African Coast and Black Sea.	.....do	E	3	NA	NA
Seal, Saimaa	<i>Phoca hispida saimensis</i>	Finland (Lake Saimaa)	.....do	E	508	NA	NA
Seledang (=Gaur)	<i>Bos gaurus</i>	Bangladesh, Southeast Asia, India	.....do	E	3	NA	NA
Serow	<i>Capricornis sumatraensis</i>	East Asia, Sumatra	.....do	E	15	NA	NA
Serval, Barbary	<i>Felis serval constantina</i>	Algeria	.....do	E	3	NA	NA
Shapo	<i>Ovis vignei vignei</i>	Kashmir	.....do	E	15	NA	NA
Shou	<i>Cervus elaphus wallichi</i>	Tibet, Bhutan	.....do	E	3	NA	NA
Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	U.S.A. (VA, NC)	.....do	T	246	NA	NA
Siamang	<i>Symphalangus syndactylus</i>	Malaysia, Indonesia	.....do	E	15	NA	NA
Sifakas	<i>Propithecus spp.</i>	Malagasy Republic (=Madagascar)	.....do	E	4	NA	NA
Sloth, Brazilian three-toed	<i>Bradypus torquatus</i>	Brazil	.....do	E	3	NA	NA



Solenodon, Cuban	<i>Solenodon (Atopogale) cubanus</i>	Cuba	.....do	E	3	NA	NA
Solenodon, Haitian	<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	.....do	E	3	NA	NA
Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	U.S.A. (NC, TN)	.....do	E	189	NA	NA
Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	U.S.A. (Delmarva Peninsula to south-eastern PA).	Entire, except Sussex Co., DE.	E	1, 161, 168	NA	NA
Do	.....do	.....do	U.S.A. (DE—Sussex Co.).	XN	161	NA	17.84(a)
Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i> .	U.S.A. (AZ)	Entire	E	268	17.95(a)	NA
Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	U.S.A. (VA, WV)	.....do	E	189	NA	NA
Stag, Barbary	<i>Cervus elaphus barbarus</i>	Tunisia, Algeria	.....do	E	3	NA	NA
Stag, Kashmir	<i>Cervus elaphus hanglu</i>	Kashmir	.....do	E	3	NA	NA
Suni, Zanzibar	<i>Neotragus (Nesotragus) moschatus moschatus</i> .	Zanzibar (and nearby islands)	.....do	E	50	NA	NA
Tahr, Arabian	<i>Hemitragus jayakari</i>	Oman	.....do	E	50	NA	NA
Tamaraw	<i>Bubalus mindorensis</i>	Philippines	.....do	E	4	NA	NA
Tamarin (=marmoset), golden-rumped (=golden-headed).	<i>Leontopithecus (=Leontideus) spp.</i>	Brazil	.....do	E	3	NA	NA
Tamarin, pied	<i>Saguinus bicolor</i>	.....do	.....do	E	16	NA	NA
Tamarin, white-footed	<i>Saguinus leucopus</i>	Colombia	.....do	T	16	NA	17.40(c)
Tapir, Asian	<i>Tapirus indicus</i>	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand.	.....do	E	15	NA	NA
Tapir, Brazilian	<i>Tapirus terrestris</i>	Colombia and Venezuela south to Paraguay and Argentina.	.....do	E	3	NA	NA
Tapir, Central American	<i>Tapirus bairdii</i>	Southern Mexico to Colombia and Ecuador.	.....do	E	3	NA	NA
Tapir, mountain	<i>Tapirus pinchaque</i>	Colombia, Ecuador and possibly Peru and Venezuela.	.....do	E	3	NA	NA
Tarsier, Philippine	<i>Tarsius syrichta</i>	Philippines	.....do	T	16	NA	17.40(c)
Tiger	<i>Panthera tigris</i>	Temperate and tropical Asia	.....do	E	3, 5	NA	NA
Tiger, Tasmanian (=Thylacine)	<i>Thylacinus cynocephalus</i>	Australia	.....do	E	3	NA	NA
Uakari (all species)	<i>Cacajao spp.</i>	Peru, Brazil, Ecuador, Colombia, Venezuela.	.....do	E	3	NA	NA
Urial	<i>Ovis musimon (=orientalis) ophion</i>	Cyprus	.....do	E	15	NA	NA
Vicuna	<i>Vicugna vicugna</i>	South America (Andes)	.....do	E	3	NA	NA
Vole, Amargosa	<i>Microtus californicus scirpensis</i>	U.S.A. (CA)	.....do	E	166	17.95(a)	NA
Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i> .	U.S.A. (FL)	.....do	E	415	NA	NA
Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	U.S.A. (AZ)	.....do	E	292	NA	NA
Wallaby, banded hare	<i>Lagostrophus fasciatus</i>	Australia	.....do	E	4	NA	NA
Wallaby, brindled nail-tailed	<i>Onychogalea fraenata</i>	.....do	.....do	E	4	NA	NA
Wallaby, crescent nail-tailed	<i>Onychogalea lunata</i>	.....do	.....do	E	4	NA	NA
Wallaby, Parma	<i>Macropus parma</i>	.....do	.....do	E	4	NA	NA
Wallaby, western hare	<i>Lagorchestes hirsutus</i>	.....do	.....do	E	4	NA	NA
Wallaby, yellow-footed rock	<i>Petrogale xanthopus</i>	.....do	.....do	E	6	NA	NA
Whale, blue	<i>Balaenoptera musculus</i>	Oceanic	.....do	E	3	NA	NA
Whale, bowhead	<i>Balaena mysticetus</i>	Oceanic (north latitudes only)	.....do	E	3	NA	NA
Whale, finback	<i>Balaenoptera physalus</i>	Oceanic	.....do	E	3	NA	NA
Whale, gray	<i>Eschrichtius robustus</i>	North Pacific Ocean—coastal and Bering Sea, formerly North Atlantic Ocean.	Entire, except eastern North Pacific Ocean—coastal and Bering, Beaufort, and Chukchi Seas.	E	3, 540	NA	NA
Whale, humpback	<i>Megaptera novaeangliae</i>	Oceanic	Entire	E	3	NA	222.31
Whale, right	<i>Balaena glacialis (incl. australis)</i>	.....do	.....do	E	3	226.13	NA
Whale, Sei	<i>Balaenoptera borealis</i>	.....do	.....do	E	3	NA	NA
Whale, sperm	<i>Physeter macrocephalus (=catodon)</i>	.....do	.....do	E	3	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Wolf, gray .....	<i>Canis lupus</i> .....	Holarctic .....	U.S.A., conterminous (lower 48) States, except MN and where listed as an experimental population; Mexico.	E	1, 6, 13, 15, 35, 561, 562	17.95(a)	NA
Do .....	.....do .....	.....do .....	U.S.A. (MN) .....	T	35	17.95(a)	17.40(d)
Do .....	.....do .....	.....do .....	U.S.A. (WY and portions of ID and MT—see 17.84(i)).	XN	561, 562	NA	17.84(i)
Wolf, maned .....	<i>Chrysocyon brachyurus</i> .....	Argentina, Bolivia, Brazil, Paraguay, Uruguay.	Entire .....	E	4	NA	NA
Wolf, red .....	<i>Canis rufus</i> .....	U.S.A. (SE U.S.A., west to central TX).	Entire, except where listed as experimental populations below.	E	1, 248, 449, 579	NA	NA
Do .....	.....do .....	.....do .....	U.S.A. (portions of NC and TN—see 17.84(c)(9)).	XN	248, 449, 579	NA	17.84(c)
Wombat, hairy-nosed (=Barnard's and Queensland hairy-nosed).	<i>Lasiorhinus krefftii</i> (formerly <i>L. barnardi</i> and <i>L. gillespiei</i> ).	Australia .....	Entire .....	E	4, 6	NA	NA
Woodrat, Key Largo .....	<i>Neotoma floridana smalli</i> .....	U.S.A. (FL) .....	.....do .....	E	131E, 160	NA	NA
Yak, wild .....	<i>Bos grunniens mutus</i> .....	China (Tibet), India .....	.....do .....	E	3	NA	NA
Zebra, Grevy's .....	<i>Equus grevyi</i> .....	Kenya, Ethiopia, Somalia .....	.....do .....	T	54	NA	NA
Zebra, Hartmann's mountain .....	<i>Equus zebra hartmannae</i> .....	Namibia, Angola .....	.....do .....	T	54, 111	NA	NA
Zebra, mountain .....	<i>Equus zebra zebra</i> .....	South Africa .....	.....do .....	E	15, 111	NA	NA
BIRDS							
'Akepa, Hawaii (honeycreeper) .....	<i>Loxops coccineus coccineus</i> .....	U.S.A. (HI) .....	.....do .....	E	2	NA	NA
'Akepa, Maui (honeycreeper) .....	<i>Loxops coccineus ochraceus</i> .....	.....do .....	.....do .....	E	2	NA	NA
'Akialoa, Kauai (honeycreeper) .....	<i>Hemignathus procerus</i> .....	.....do .....	.....do .....	E	1	NA	NA
'Akiapola'au (honeycreeper) .....	<i>Hemignathus munroi</i> (=wilsoni) .....	.....do .....	.....do .....	E	1	NA	NA
Albatross, Amsterdam .....	<i>Diomedea amsterdamensis</i> .....	Indian Ocean—Amsterdam Island .....	.....do .....	E	571	NA	NA
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	3	NA	NA
Alethe, Thyolo .....	<i>Alethe choloensis</i> .....	Malawi, Mozambique .....	Entire .....	E	571	NA	NA
Blackbird, yellow-shouldered .....	<i>Agelaius xanthomus</i> .....	U.S.A. (PR) .....	.....do .....	E	17	17.95(b)	NA
Bobwhite, masked (quail) .....	<i>Colinus virginianus ridgwayi</i> .....	U.S.A. (AZ), Mexico (Sonora) .....	.....do .....	E	1, 3	NA	NA
Booby, Abbott's .....	<i>Sula abbotti</i> .....	Indian Ocean—Christmas Island .....	.....do .....	E	15	NA	NA
Bristlebird, western .....	<i>Dasyornis brachypterus longirostris</i> .....	Australia .....	.....do .....	E	3	NA	NA
Bristlebird, western rufous .....	<i>Dasyornis broadbenti littoralis</i> .....	.....do .....	.....do .....	E	15	NA	NA
Broadbill, Guam .....	<i>Myiagra freycineti</i> .....	Western Pacific Ocean—U.S.A. (Guam).	.....do .....	E	156	NA	NA
Bulbul, Mauritius olivaceous .....	<i>Hypsipetes borbonicus olivaceus</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	3	NA	NA
Bullfinch, Sao Miguel (finch) .....	<i>Pyrrhula pyrrhula murina</i> .....	Eastern Atlantic Ocean—Azores .....	.....do .....	E	3	NA	NA
Bush-shrike, Ulugura .....	<i>Malaconotus alius</i> .....	Tanzania .....	.....do .....	T	571	NA	NA
Bushwren, New Zealand .....	<i>Xenicus longipes</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Bustard, great Indian .....	<i>Choriotis nigriceps</i> .....	India, Pakistan .....	.....do .....	E	3	NA	NA
Cahow (=Bermuda petrel) .....	<i>Pterodroma cahow</i> .....	North Atlantic Ocean—Bermuda .....	.....do .....	E	3	NA	NA
Caracara, Audubon's crested .....	<i>Polyborus plancus audubonii</i> .....	U.S.A. (AZ, FL, LA, NM, TX) south to Panama; Cuba.	U.S.A. (FL) .....	T	280	NA	NA
Condor, Andean .....	<i>Vultur gryphus</i> .....	Colombia to Chile and Argentina .....	Entire .....	E	4	NA	NA

• Condor, California .....	<i>Gymnogyps californianus</i> .....	U.S.A. (AZ, CA, OR), Mexico (Baja California).	U.S.A. only, except where listed as an experimental population below..	E	1, 597	17.95(b)	NA
+ Do .....	.....do .....	.....do .....	U.S.A. (specific portions of Arizona, Nevada, and Utah)..	XN	597	NA	17.84(j)
Coot, Hawaiian (=‘alae-ke‘oke‘o) .....	<i>Fulica americana alai</i> .....	U.S.A. (HI) .....	Entire .....	E	2	NA	NA
Cotinga, banded .....	<i>Cotinga maculata</i> .....	Brazil .....	.....do .....	E	15	NA	NA
Cotinga, white-winged .....	<i>Xipholena atropurpurea</i> .....	.....do .....	.....do .....	E	15	NA	NA
Crane, black-necked .....	<i>Grus nigricollis</i> .....	China (Tibet) .....	.....do .....	E	15	NA	NA
Crane, Cuba sandhill .....	<i>Grus canadensis nesiotus</i> .....	West Indies—Cuba .....	.....do .....	E	15	NA	NA
Crane, hooded .....	<i>Grus monacha</i> .....	Japan, Russia .....	.....do .....	E	4	NA	NA
Crane, Japanese .....	<i>Grus japonensis</i> .....	China, Japan, Korea, Russia .....	.....do .....	E	3	NA	NA
Crane, Mississippi sandhill .....	<i>Grus canadensis pulla</i> .....	U.S.A. (MS) .....	.....do .....	E	6	17.95(b)	NA
Crane, Siberian white .....	<i>Grus leucogeranus</i> .....	C.I.S. (Siberia) to India, including Iran and China.	.....do .....	E	4	NA	NA
Crane, white-naped .....	<i>Grus vipio</i> .....	Mongolia .....	.....do .....	E	15	NA	NA
Crane, whooping .....	<i>Grus americana</i> .....	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico.	Entire, except where listed as an experimental population.	E	1, 3, 487	17.95(b)	NA
Do .....	.....do .....	.....do .....	U.S.A. (FL) .....	XN	487	NA	17.84.(h)
Creeper, Hawaii .....	<i>Oreomystis (=Loxops) mana</i> .....	U.S.A. (HI) .....	Entire .....	E	10	NA	NA
Creeper, Molokai (=kakawahie) .....	<i>Paroreomyza (=Oreomystis, =Loxops) flammea.</i>	.....do .....	.....do .....	E	2	NA	NA
Creeper, Oahu (=alauwahio) .....	<i>Paroreomyza (=Oreomystis, =Loxops) maculata.</i>	.....do .....	.....do .....	E	2	NA	NA
Crow, Hawaiian (=‘alala) .....	<i>Corvus hawaiiensis (=tropicus)</i> .....	.....do .....	.....do .....	E	1	NA	NA
Crow, Mariana .....	<i>Corvus kubaryi</i> .....	Western Pacific Ocean—U.S.A. (Guam, Rota).	.....do .....	E	156	NA	NA
Crow, white-necked .....	<i>Corvus leucognaphalus</i> .....	U.S.A. (PR), Dominican Republic, Haiti.	.....do .....	E	419	NA	NA
Cuckoo-shrike, Mauritius .....	<i>Coquus (=Coracina) typicus</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	3	NA	NA
Cuckoo-shrike, Reunion .....	<i>Coquus (=Coracina) newtoni</i> .....	Indian Ocean—Reunion .....	.....do .....	E	3	NA	NA
Curassow, razor-billed .....	<i>Mitu (=Crax) mitu mitu</i> .....	Brazil (Eastern) .....	.....do .....	E	15	NA	NA
Curassow, red-billed .....	<i>Crax blumenbachii</i> .....	Brazil .....	.....do .....	E	4	NA	NA
Curassow, Trinidad white-headed .....	<i>Pipile pipile pipile</i> .....	West Indies—Trinidad .....	.....do .....	E	3	NA	NA
Curllew, Eskimo .....	<i>Numenius borealis</i> .....	Alaska and northern Canada to Argentina.	.....do .....	E	1, 3	NA	NA
Dove, cloven-feathered .....	<i>Drepanoptila holosericea</i> .....	Southwest Pacific Ocean—New Caledonia.	.....do .....	E	3	NA	NA
Dove, Grenada gray-fronted .....	<i>Leptotila rufaxilla wellsi</i> .....	West Indies—Grenada .....	.....do .....	E	3	NA	NA
Duck, Hawaiian (=koloa) .....	<i>Anas wyvilliana</i> .....	U.S.A. (HI) .....	.....do .....	E	1	NA	NA
Duck, Laysan .....	<i>Anas laysanensis</i> .....	.....do .....	.....do .....	E	1	NA	NA
Duck, pink-headed .....	<i>Rhodonessa caryophyllacea</i> .....	India .....	.....do .....	E	15	NA	NA
Duck, white-winged wood .....	<i>Cairina scutulata</i> .....	India, Malaysia, Indonesia, Thailand	.....do .....	E	3	NA	NA
Eagle, bald .....	<i>Haliaeetus leucocephalus</i> .....	North America south to northern Mexico.	U.S.A. (conterminous (lower 48) States..	T	1, 34, 580	NA	17.41(a)
Eagle, Greenland white-tailed .....	<i>Haliaeetus albicilla groenlandicus</i> .....	Greenland and adjacent Atlantic islands.	Entire .....	E	15	NA	NA
Eagle, harpy .....	<i>Harpia harpyja</i> .....	Mexico south to Argentina .....	.....do .....	E	15	NA	NA
Eagle, Madagascar serpent .....	<i>Eutriorchis astur</i> .....	Madagascar .....	.....do .....	E	571	NA	NA
Eagle, Madagascar sea .....	<i>Haliaeetus vociferoides</i> .....	.....do .....	.....do .....	E	571	NA	NA
Eagle, Philippine (=monkey-eating) .....	<i>Pithecophaga jefferyi</i> .....	Philippines .....	.....do .....	E	3	NA	NA
Eagle, Spanish imperial .....	<i>Aquila heliaca adalberti</i> .....	Spain, Morocco, Algeria .....	.....do .....	E	3	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Egret, Chinese .....	<i>Egretta eulophotes</i> .....	China, Korea .....	.....do .....	E	3	NA	NA
Eider, spectacled .....	<i>Somateria</i> (= <i>Arctonetta</i> ,= <i>Lampronetta</i> ) <i>fischeri</i> .....	U.S.A. (AK), Russia .....	.....do .....	T	503	NA	NA
Falcon, American peregrine .....	<i>Falco peregrinus anatum</i> .....	Nests from central Alaska across north-central Canada to central Mexico, winters to South America.	.....do .....	E	2, 3, 145	17.95(b)	NA
Falcon, Eurasian peregrine .....	<i>Falco peregrinus peregrinus</i> .....	Europe, Eurasia south to Africa and Mideast.	.....do .....	E	15	NA	NA
Falcon, northern aplomado .....	<i>Falco femoralis septentrionalis</i> .....	U.S.A. (AZ, NM, TX), Mexico, Guatemala.	.....do .....	E	216	NA	NA
Falcon, peregrine .....	<i>Falco peregrinus</i> .....	Worldwide, except Antarctica and most Pacific islands.	Wherever found in wild in the conterminous (lower 48) States.	E(S/A)	145	NA	NA
Finch, Laysan (honeycreeper) .....	<i>Telespyza</i> (= <i>Psittirostra</i> ) <i>cantans</i> .....	U.S.A. (HI) .....	Entire .....	E	1	NA	NA
Finch, Nihoa (honeycreeper) .....	<i>Telespyza</i> (= <i>Psittirostra</i> ) <i>ultima</i> .....	.....do .....	.....do .....	E	1	NA	NA
Flycatcher, Euler's .....	<i>Empidonax euleri johnstonei</i> .....	West Indies—Grenada .....	.....do .....	E	3	NA	NA
Flycatcher, Seychelles paradise .....	<i>Terpsiphone corvina</i> .....	Indian Ocean—Seychelles .....	.....do .....	E	3	NA	NA
Flycatcher, southwestern willow .....	<i>Empidonax traillii extimus</i> .....	U.S.A. (AZ, CA, CO, NM, TX, UT), Mexico..	.....do .....	E	577	NA	NA
Flycatcher, Tahiti .....	<i>Pomarea nigra</i> .....	South Pacific Ocean—Tahiti .....	.....do .....	E	3	NA	NA
Fody, Mauritius .....	<i>Foudia rubra</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	571	NA	NA
Fody, Rodrigues .....	<i>Foudia flavicans</i> .....	Indian Ocean—Rodrigues Island (Mauritius).	.....do .....	E	571	NA	NA
Fody, Seychelles (weaver-finch) .....	<i>Foudia sechellarum</i> .....	Indian Ocean—Seychelles .....	.....do .....	E	3	NA	NA
Francolin, Djibouti .....	<i>Francolinus ochropectus</i> .....	Djibouti .....	.....do .....	E	571	NA	NA
Frigatebird, Andrew's .....	<i>Fregata andrewsi</i> .....	East Indian Ocean .....	.....do .....	E	15	NA	NA
Gnatcatcher, coastal California .....	<i>Polioptila californica californica</i> .....	U.S.A. (CA), Mexico .....	.....do .....	T	496	NA	17.41(b)
Goose, Aleutian Canada .....	<i>Branta canadensis leucopareia</i> .....	U.S.A. (AK, CA, OR, WA), Japan .....	.....do .....	T	1, 3, 410	NA	NA
Goose, Hawaiian (=nene) .....	<i>Nesochen</i> (= <i>Branta</i> ) <i>sandvicensis</i> .....	U.S.A. (HI) .....	.....do .....	E	1	NA	NA
Goshawk, Christmas Island .....	<i>Accipiter fasciatus natalis</i> .....	Indian Ocean—Christmas Island .....	.....do .....	E	3	NA	NA
Grackle, slender-billed .....	<i>Quisicalus</i> (= <i>Cassidix</i> ) <i>palustris</i> .....	Mexico .....	.....do .....	E	3	NA	NA
Grasswren, Eyrean (flycatcher) .....	<i>Amytornis goyderi</i> .....	Australia .....	.....do .....	E	3	NA	NA
Grebe, Alaotra .....	<i>Tachybaptus rufolavatus</i> .....	Madagascar .....	.....do .....	E	571	NA	NA
Grebe, Atitlan .....	<i>Podilymbus gigas</i> .....	Guatemala .....	.....do .....	E	3	NA	NA
Greenshank, Nordmann's .....	<i>Tringa guttifer</i> .....	Russia, Japan, south to Malaya, Borneo.	.....do .....	E	15	NA	NA
Guan, horned .....	<i>Oreophasis derbianus</i> .....	Guatemala, Mexico .....	.....do .....	E	3	NA	NA
Guan, white-winged .....	<i>Penelope albipennis</i> .....	Peru .....	.....do .....	E	401	NA	NA
Guineafowl, white-breasted .....	<i>Agelastes meleagrides</i> .....	West Africa .....	.....do .....	T	571	NA	NA
Gull, Audouin's .....	<i>Larus audouinii</i> .....	Mediterranean Sea .....	.....do .....	E	3	NA	NA
Gull, relict .....	<i>Larus relictus</i> .....	India, China .....	.....do .....	E	15	NA	NA
Hawk, Anjouan Island sparrow .....	<i>Accipiter francesii pusillus</i> .....	Indian Ocean—Comoro Islands .....	.....do .....	E	3	NA	NA
Hawk, Galapagos .....	<i>Buteo galapagoensis</i> .....	Ecuador (Galapagos Islands) .....	.....do .....	E	3	NA	NA
Hawk, Hawaiian (=io) .....	<i>Buteo solitarius</i> .....	U.S.A. (HI) .....	.....do .....	E	1	NA	NA
Hawk, Puerto Rican broad-winged .....	<i>Buteo platypterus brunnescens</i> .....	U.S.A. (PR) .....	.....do .....	E	550	NA	NA
Hawk, Puerto Rican sharp-shinned .....	<i>Accipiter striatus venator</i> .....	.....do .....	.....do .....	E	550	NA	NA
Hermit, hook-billed (hummingbird) .....	<i>Glaucis</i> (= <i>Ramphodon</i> ) <i>dohrnii</i> .....	Brazil .....	.....do .....	E	15	NA	NA
Honeycreeper, crested (=akohekohe) .....	<i>Palmeria dolei</i> .....	U.S.A. (HI) .....	.....do .....	E	1	NA	NA
Honeyeater, helmeted .....	<i>Meliphaga cassidix</i> .....	Australia .....	.....do .....	E	4	NA	NA
Hornbill, helmeted .....	<i>Rhinoplax vigil</i> .....	Thailand, Malaysia .....	.....do .....	E	15	NA	NA
Ibis, Japanese crested .....	<i>Nipponia nippon</i> .....	China, Japan, Russia, Korea .....	.....do .....	E	3	NA	NA
Ibis, northern bald .....	<i>Geronticus eremita</i> .....	Southern Europe, southwestern Asia, northern Africa.	.....do .....	E	401	NA	NA

Jay, Florida scrub	<i>Aphelocoma coerulescens</i>	U.S.A. (FL)	.....do	T	267	NA	NA
Kagu	<i>Rhynochetos jubatus</i>	South Pacific Ocean—New Caledonia.	.....do	E	3	NA	NA
Kakapo (=owl-parrot)	<i>Strigops habroptilus</i>	New Zealand	.....do	E	3	NA	NA
Kestrel, Mauritius	<i>Falco punctatus</i>	Indian Ocean—Mauritius	.....do	E	3	NA	NA
Kestrel, Seychelles	<i>Falco araea</i>	Indian Ocean—Seychelles Islands	.....do	E	3	NA	NA
Kingfisher, Guam Micronesian	<i>Halcyon cinnamomina cinnamomina</i>	West Pacific Ocean—U.S.A. (Guam)	.....do	E	156	NA	NA
Kite, Cuba hook-billed	<i>Chondrohierax uncinatus wilsonii</i>	West Indies—Cuba	.....do	E	3	NA	NA
Kite, Everglade snail	<i>Rostrhamus sociabilis plumbeus</i>	U.S.A. (FL), Cuba	U.S.A. (FL)	E	1	17.95(b)	NA
Kite, Grenada hook-billed	<i>Chondrohierax uncinatus mirus</i>	West Indies—Grenada	Entire	E	3	NA	NA
Kokako (wattlebird)	<i>Callaeas cinerea</i>	New Zealand	.....do	E	3	NA	NA
Lark, Raso	<i>Alauda razae</i>	Atlantic Ocean—Raso Island (Cape Verde).	.....do	E	571	NA	NA
Macaw, glaucous	<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	.....do	E	15	NA	NA
Macaw, indigo	<i>Anodorhynchus leari</i>	Brazil	.....do	E	15	NA	NA
Macaw, little blue	<i>Cyanopsitta spixii</i>	.....do	.....do	E	15	NA	NA
Magpie-robin, Seychelles (thrush)	<i>Copsychus sechellarum</i>	Indian Ocean—Seychelles Islands	.....do	E	3	NA	NA
Malimbe, Ibadan	<i>Malimbus ibadanensis</i>	Nigeria	.....do	E	571	NA	NA
Malkoha, red-faced (cuckoo)	<i>Phaenicophaeus pyrrhocephalus</i>	Sri Lanka (=Ceylon)	.....do	E	3	NA	NA
Mallard, Mariana	<i>Anas oustaleti</i>	West Pacific Ocean—U.S.A. (Guam, Mariana Islands).	.....do	E	23	NA	NA
Megapode, Maleo	<i>Macrocephalon maleo</i>	Indonesia (Celebes)	.....do	E	3	NA	NA
Megapode, Micronesian (=La Perouse's).	<i>Megapodius laperouse</i>	West Pacific Ocean—Palau Islands, U.S.A. (Mariana Islands).	.....do	E	3	NA	NA
Millerbird, Nihoa (old world warbler)	<i>Acrocephalus familiaris kingi</i>	U.S.A. (HI)	.....do	E	1	NA	NA
Monarch, Tinian (old world flycatcher)	<i>Monarcha takatsukasae</i>	West Pacific Ocean—U.S.A. (Mariana Islands).	.....do	T	3, 261	NA	NA
Moorhen (=gallinule), Hawaiian common.	<i>Gallinula chloropus sandvicensis</i>	U.S.A. (HI)	.....do	E	1	NA	NA
Moorhen (=gallinule), Mariana common.	<i>Gallinula chloropus guami</i>	West Pacific Ocean—U.S.A. (Guam, Tinian, Saipan, Pagan).	.....do	E	156	NA	NA
Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	U.S.A. (AK, CA, OR, WA), Canada (B.C.).	U.S.A. (CA, OR, WA).	T	479	17.95(b)	NA
Nightjar, Puerto Rican (=whip-poor-will).	<i>Caprimulgus noctitherus</i>	U.S.A. (PR)	Entire	E	6	NA	NA
Nukupu'u (honeycreeper)	<i>Hemignathus lucidus</i>	U.S.A. (HI)	.....do	E	1, 2	NA	NA
Nuthatch, Algerian	<i>Sitta ledanti</i>	Algeria	.....do	E	571	NA	NA
'O'o, Kauai (= 'o'o 'a'a) (honeyeater)	<i>Moho braccatus</i>	U.S.A. (HI)	.....do	E	1	NA	NA
Ostrich, Arabian	<i>Struthio camelus syriacus</i>	Jordan, Saudi Arabia	.....do	E	3	NA	NA
Ostrich, West African	<i>Struthio camelus spatzi</i>	Spanish Sahara	.....do	E	3	NA	NA
'O'u (honeycreeper)	<i>Psittirostra psittacea</i>	U.S.A. (HI)	.....do	E	1	NA	NA
Owl, Anjouan scops	<i>Otus rutilus capnodes</i>	Indian Ocean—Comoro Island	.....do	E	3	NA	NA
Owl, giant scops	<i>Otus gurneyi</i>	Philippines—Marinduque and Mindanao Island.	.....do	E	15	NA	NA
Owl, Madagascar red	<i>Tyto soumagnei</i>	Madagascar	.....do	E	401	NA	NA
Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	U.S.A. (AZ, CO, NM, TX, UT), Mexico.	.....do	T	494	17.95(b)	NA
Owl, northern spotted	<i>Strix occidentalis caurina</i>	U.S.A. (CA, OR, WA), Canada (B.C.)	.....do	T	393	17.95(b)	NA
Owl, Seychelles	<i>Otus insularis</i>	Indian Ocean—Seychelles Islands	.....do	E	3	NA	NA
Owlet, Morden's (=sokoke)	<i>Otus ireneae</i>	Kenya	.....do	E	3	NA	NA
Oystercatcher, Canarian black	<i>Haematopus meadewaldoi</i>	Atlantic Ocean—Canary Islands	.....do	E	571	NA	NA
Palila (honeycreeper)	<i>Loxioides (=Psittirostra) bailleui</i>	U.S.A. (HI)	.....do	E	1	17.95(b)	NA
Parakeet, Forbes'	<i>Cyanoramphus auriceps forbesi</i>	New Zealand	.....do	E	3	NA	NA
Parakeet, golden	<i>Aratinga guarouba</i>	Brazil	.....do	E	15	NA	NA
Parakeet, golden-shouldered (=hooded).	<i>Psephotus chrysopterygius</i>	Australia	.....do	E	3	NA	NA
Parakeet, Mauritius	<i>Psittacula echo</i>	Indian Ocean—Mauritius	.....do	E	3	NA	NA
Parakeet, Norfolk Island	<i>Cyanoramphus novaeseelandiae cookii</i>	Australia (Norfolk Island)	.....do	E	401	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Parakeet, ochre-marked	<i>Pyrrhura cruentata</i>	Brazil	.....do	E	3	NA	NA
Parakeet, orange-bellied	<i>Neophema chrysogaster</i>	Australia	.....do	E	4	NA	NA
Parakeet, paradise (=beautiful)	<i>Psephotus pulcherrimus</i>	.....do	.....do	E	4	NA	NA
Parakeet, scarlet-chested (=splendid)	<i>Neophema splendida</i>	.....do	.....do	E	4	NA	NA
Parakeet, turquoise	<i>Neophema pulchella</i>	.....do	.....do	E	3	NA	NA
Parrot, Australian	<i>Geopsittacus occidentalis</i>	.....do	.....do	E	3	NA	NA
Parrot, Bahaman or Cuban	<i>Amazona leucocephala</i>	West Indies—Cuba, Bahamas, Caymans.	.....do	E	3, 15	NA	NA
Parrot, ground	<i>Pezoporus wallicus</i>	Australia	.....do	E	6	NA	NA
Parrot, imperial	<i>Amazona imperialis</i>	West Indies—Dominica	.....do	E	3	NA	NA
Parrot, Puerto Rican	<i>Amazona vittata</i>	U.S.A. (PR)	.....do	E	1	NA	NA
Parrot, red-browed	<i>Amazona rhodocorytha</i>	Brazil	.....do	E	3	NA	NA
Parrot, red-capped	<i>Pionopsitta pileata</i>	.....do	.....do	E	15	NA	NA
Parrot, red-necked	<i>Amazona arausiaca</i>	West Indies—Dominica	.....do	E	50	NA	NA
Parrot, red-spectacled	<i>Amazona pretrei pretrei</i>	Brazil, Argentina	.....do	E	15	NA	NA
Parrot, red-tailed	<i>Amazona brasiliensis</i>	Brazil	.....do	E	401	NA	NA
Parrot, Seychelles lesser vasa	<i>Coracopsis nigra barklyi</i>	Indian Ocean—Seychelles (Praslin Island).	.....do	E	571	NA	NA
Parrot, St. Lucia	<i>Amazona versicolor</i>	West Indies—St. Lucia	.....do	E	3	NA	NA
Parrot, St. Vincent	<i>Amazona guildingii</i>	West Indies—St. Vincent	.....do	E	3	NA	NA
Parrot, thick-billed	<i>Rhynchopsitta pachyrhyncha</i>	Mexico, U.S.A. (AZ, NM)	Mexico	E	3	NA	NA
Parrot, vinaceous-breasted	<i>Amazona vinacea</i>	Brazil	Entire	E	15	NA	NA
Parrotbill, Maui (honeycreeper)	<i>Pseudonestor xanthophrys</i>	U.S.A. (HI)	.....do	E	1	NA	NA
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	2, 3, 171	NA	NA
Penguin, Galapagos	<i>Spheniscus mendiculus</i>	Ecuador (Galapagos Islands)	Entire	E	3	NA	NA
Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i> .	U.S.A. (HI)	.....do	E	1	NA	NA
Petrel, Madeira (=freira)	<i>Pterodroma madeira</i>	Atlantic Ocean—Madeira Island	.....do	E	571	NA	NA
Petrel, Mascarene black	<i>Pterodroma aterrima</i>	Indian Ocean—Mauritius (Reunion Island).	.....do	E	571	NA	NA
Pheasant, bar-tailed	<i>Symaticus humaie</i>	Burma, China	.....do	E	3	NA	NA
Pheasant, Blyth's tragopan	<i>Tragopan blythii</i>	Burma, China, India	.....do	E	3	NA	NA
Pheasant, brown eared	<i>Crossoptilon mantchuricum</i>	China	.....do	E	3	NA	NA
Pheasant, Cabot's tragopan	<i>Tragopan caboti</i>	.....do	.....do	E	3	NA	NA
Pheasant, cheer	<i>Catreus wallichii</i>	India, Nepal, Pakistan	.....do	E	401	NA	NA
Pheasant, Chinese monal	<i>Lophophorus lhuysii</i>	China	.....do	E	3	NA	NA
Pheasant, Edward's	<i>Lophura edwardsi</i>	Vietnam	.....do	E	3	NA	NA
Pheasant, Elliot's	<i>Symaticus ellioti</i>	China	.....do	E	15	NA	NA
Pheasant, imperial	<i>Lophura imperialis</i>	Vietnam	.....do	E	3	NA	NA
Pheasant, Mikado	<i>Symaticus mikado</i>	Taiwan	.....do	E	3	NA	NA
Pheasant, Palawan peacock	<i>Polyplectron emphanum</i>	Philippines	.....do	E	3	NA	NA
Pheasant, Sclater's monal	<i>Lophophorus sclateri</i>	Burma, China, India	.....do	E	3	NA	NA
Pheasant, Swinhoe's	<i>Lophura swinhoii</i>	Taiwan	.....do	E	3	NA	NA
Pheasant, western tragopan	<i>Tragopan melanocephalus</i>	India, Pakistan	.....do	E	3	NA	NA
Pheasant, white eared	<i>Crossoptilon crossoptilon</i>	China (Tibet), India	.....do	E	4	NA	NA
Pigeon, Azores wood	<i>Columba palumbus azorica</i>	East Atlantic Ocean—Azores	.....do	E	3	NA	NA
Pigeon, Chatham Island	<i>Hemiphaga novaeseelandiae chathamensis</i> .	New Zealand	.....do	E	3	NA	NA
Pigeon, Mindoro zone-tailed	<i>Ducula mindorensis</i>	Philippines	.....do	E	15	NA	NA
Pigeon, pink	<i>Columba (=Nesoenas) mayeri</i>	Indian Ocean—Mauritius	.....do	E	571	NA	NA
Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	U.S.A. (PR)	.....do	E	2	NA	NA
Pigeon, white-tailed laurel	<i>Columba junoniae</i>	Atlantic Ocean—Canary Islands	.....do	T	571	NA	NA

Piping-guan, black-fronted .....	<i>Pipile jacutinga</i> .....	Argentina .....	.....do .....	E	15	NA	NA
Pitta, Koch's .....	<i>Pitta kochi</i> .....	Philippines .....	.....do .....	E	15	NA	NA
Plover, New Zealand shore .....	<i>Thinornis novaeseelandiae</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Plover, piping .....	<i>Charadrius 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	211	NA	NA
Do .....	.....do .....	.....do .....	Entire, except those areas where listed as endangered above.	T	211	NA	NA
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	493	NA	NA
Po'ouli (honeycreeper) .....	<i>Melamprosops phaeosoma</i> .....	U.S.A. (HI) .....	Entire .....	E	10	NA	NA
Pochard, Madagascar .....	<i>Aythya innotata</i> .....	Madagascar .....	.....do .....	E	571	NA	NA
Prairie-chicken, Attwater's greater .....	<i>Tympanuchus cupido attwateri</i> .....	U.S.A. (TX) .....	.....do .....	E	1	NA	NA
Quail, Merriam's Montezuma .....	<i>Cyrtonyx montezumae merriami</i> .....	Mexico (Vera Cruz) .....	.....do .....	E	15	NA	NA
Quetzal, resplendent .....	<i>Pharomachrus mocinno</i> .....	Mexico to Panama .....	.....do .....	E	15	NA	NA
Rail, Auckland Island .....	<i>Rallus pectoralis muelleri</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Rail, California clapper .....	<i>Rallus longirostris obsoletus</i> .....	U.S.A. (CA) .....	.....do .....	E	2	NA	NA
Rail, Guam .....	<i>Rallus owstoni</i> .....	Western Pacific Ocean—U.S.A. (Guam).	Entire, except Rota .	E	146E, 156	NA	NA
Do .....	.....do .....	.....do .....	Rota .....	XN	371	NA	17.84(f)
Rail, light-footed clapper .....	<i>Rallus longirostris levipes</i> .....	U.S.A. (CA), Mexico (Baja California)	U.S.A. only .....	E	2	NA	NA
Rail, Lord Howe wood .....	<i>Tricholimnas sylvestris</i> .....	Australia (Lord Howe Island) .....	Entire .....	E	15	NA	NA
Rail, Yuma clapper .....	<i>Rallus longirostris yumanensis</i> .....	Mexico, U.S.A. (AZ, CA) .....	U.S.A. only .....	E	1	NA	NA
Rhea, Darwin's .....	<i>Pterocnemia pennata</i> .....	Argentina, Bolivia, Peru, Uruguay .....	Entire .....	E	3	NA	NA
Robin, Chatham Island .....	<i>Petroica traversi</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Robin, dappled mountain .....	<i>Arcanator (=Modulatrix) orostruthus</i> ..	Mozambique, Tanzania .....	.....do .....	T	571	NA	NA
Robin, scarlet-breasted (flycatcher) .....	<i>Petroica multicolor multicolor</i> .....	Australia (Norfolk Island) .....	.....do .....	E	3	NA	NA
Rockfowl, grey-necked .....	<i>Picathartes oreas</i> .....	Cameroon, Gabon .....	.....do .....	E	3	NA	NA
Rockfowl, white-necked .....	<i>Picathartes gymnocephalus</i> .....	Africa—Togo to Sierra Leone .....	.....do .....	E	3	NA	NA
Roller, long-tailed ground .....	<i>Uratelornis chimaera</i> .....	Malagasy Republic (=Madagascar) ..	.....do .....	E	3	NA	NA
Scrub-bird, noisy .....	<i>Atrichornis clamosus</i> .....	Australia .....	.....do .....	E	3	NA	NA
Shama, Cebu black (thrush) .....	<i>Copsychus niger cebuensis</i> .....	Philippines .....	.....do .....	E	3	NA	NA
Shearwater, Newell's Townsend's (formerly Manx) (=a'o) .....	<i>Puffinus auricularis (=puffinus) newelli</i> .	U.S.A. (HI) .....	.....do .....	T	10	NA	NA
Shrike, San Clemente loggerhead .....	<i>Lanius ludovicianus mearnsi</i> .....	U.S.A. (CA) .....	.....do .....	E	26	NA	NA
Siskin, red .....	<i>Carduelis (=Spinus) cucullata</i> .....	South America .....	.....do .....	E	15	NA	NA
Sparrow, Cape Sable seaside .....	<i>Ammodramus (=Ammospiza) maritimus mirabilis</i> .	U.S.A. (FL) .....	.....do .....	E	1	17.95(b)	NA
Sparrow, Florida grasshopper .....	<i>Ammodramus savannarum floridanus</i> .....	.....do .....	.....do .....	E	239	NA	NA
Sparrow, San Clemente sage .....	<i>Amphispiza belli clementeae</i> .....	U.S.A. (CA) .....	.....do .....	T	26	NA	NA
Starling, Ponape mountain .....	<i>Aplonis pelzelni</i> .....	West Pacific Ocean—Federated States of Micronesia.	.....do .....	E	3	NA	NA
Starling, Rothschild's (myna) .....	<i>Leucopsar rothschildi</i> .....	Indonesia (Bali) .....	.....do .....	E	3	NA	NA
Stilt, Hawaiian (=ae'o) .....	<i>Himantopus mexicanus (=himantopus) knudseni</i> .	U.S.A. (HI) .....	.....do .....	E	2	NA	NA
Stork, oriental white .....	<i>Ciconia ciconia boyciana</i> .....	China, Japan, Korea, Russia .....	.....do .....	E	3	NA	NA
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	142	NA	NA
Sunbird, Marungu .....	<i>Nectarinia prigoginei</i> .....	Zaire .....	Entire .....	E	571	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Swiftlet, Mariana gray (=vanikoro) .....	<i>Aerodramus vanikorensis bartschi</i> .....	Western Pacific Ocean—U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan).	.....do .....	E	156	NA	NA
Teal, Campbell Island flightless .....	<i>Anas aucklandica nesiotis</i> .....	New Zealand (Campbell Island) .....	.....do .....	E	15	NA	NA
Tern, California least .....	<i>Sterna antillarum (=albifrons) browni</i> .....	Mexico, U.S.A. (CA) .....	.....do .....	E	2, 3	NA	NA
Tern, least .....	<i>Sterna antillarum</i> .....	U.S.A. (Atlantic and Gulf coasts, Miss. R. Basin, CA), 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	182	NA	NA
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	296	NA	NA
Do .....	.....do .....	.....do .....	Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered.	T	296	NA	NA
Thrasher, white-breasted .....	<i>Ramphocinclus brachyurus</i> .....	West Indies—St. Lucia, Martinique .....	Entire .....	E	3	NA	NA
Thrush, large Kauai .....	<i>Myadestes (=Phaeornis) myadestinus</i> .....	U.S.A. (HI) .....	.....do .....	E	2	NA	NA
Thrush, Molokai (=oloma'o) .....	<i>Myadestes (=Phaeornis) lanaiensis (=obscurus) rutha.</i> .....	.....do .....	.....do .....	E	2	NA	NA
Thrush, New Zealand (wattlebird) .....	<i>Turnagra capensis</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Thrush, small Kauai (=puaiohi) .....	<i>Myadestes (=Phaeornis) palmeri</i> .....	U.S.A. (HI) .....	.....do .....	E	1	NA	NA
Thrush, Taita .....	<i>Turdus olivaceus helleri</i> .....	Kenya .....	.....do .....	E	571	NA	NA
Tinamou, solitary .....	<i>Tinamus solitarius</i> .....	Brazil, Paraguay, Argentina .....	.....do .....	E	15	NA	NA
Towhee, Inyo California (=brown) .....	<i>Pipilo crissalis (=fuscus) eremophilus</i> .....	U.S.A. (CA) .....	.....do .....	T	282	17.95(b)	NA
Trembler, Martinique (thrasher) .....	<i>Cinclocerthia ruficauda gutturalis</i> .....	West Indies—Martinique .....	.....do .....	E	3	NA	NA
Turaco, Bannerman's .....	<i>Tauraco bannermani</i> .....	Cameroon .....	.....do .....	E	571	NA	NA
Turtle-dove, Seychelles .....	<i>Streptopelia picturata rostrata</i> .....	Indian Ocean—Seychelles .....	.....do .....	E	571	NA	NA
Vanga, Pollen's .....	<i>Xenopirostris polleni</i> .....	Madagascar .....	.....do .....	T	571	NA	NA
Vanga, Van Dam's .....	<i>Xenopirostris damii</i> .....	.....do .....	.....do .....	T	571	NA	NA
Vireo, black-capped .....	<i>Vireo atricapillus</i> .....	U.S.A. (KS, LA, NE, OK, TX), Mexico..	.....do .....	E	294	NA	NA
Vireo, least Bell's .....	<i>Vireo bellii pusillus</i> .....	U.S.A. (CA), Mexico .....	.....do .....	E	228	17.95(b)	NA
Wanderer, plain (collared-hemipode) ..	<i>Pedionomus torquatus</i> .....	Australia .....	.....do .....	E	6	NA	NA
Warbler (Old World), Aldabra .....	<i>Nesillas aldabranus</i> .....	Indian Ocean— Seychelles (Aldabra Island).	.....do .....	E	571	NA	NA
Warbler (wood), Bachman's .....	<i>Vermivora bachmanii</i> .....	U.S.A. (Southeastern), Cuba .....	.....do .....	E	1, 3	NA	NA
Warbler (wood), Barbados yellow .....	<i>Dendroica petechia petechia</i> .....	West Indies—Barbados .....	.....do .....	E	3	NA	NA
Warbler (wood), golden-cheeked .....	<i>Dendroica chrysoparia</i> .....	U.S.A. (TX), Mexico, Guatemala, Honduras, Nicaragua, Belize.	.....do .....	E	387E, 411	NA	NA
Warbler (wood), Kirtland's .....	<i>Dendroica kirtlandii</i> .....	U.S.A. (principally MI), Canada, West Indies—Bahama Islands.	.....do .....	E	1, 3	NA	NA
Warbler (Old World), nightingale reed .	<i>Acrocephalus luscinia</i> .....	West Pacific Ocean—U.S.A. (Guam, Alamagan, Saipan).	U.S.A. (Mariana Islands).	E	3, 4	NA	NA



Warbler (Old World), Rodrigues .....	<i>Bebornis rodericanus</i> .....	Mauritius (Rodrigues Islands) .....	Entire .....	E	3	NA	NA
Warbler (wood), Semper's .....	<i>Leucopeza semperi</i> .....	West Indies—St. Lucia .....	.....do .....	E	3	NA	NA
Warbler (Old World), Seychelles .....	<i>Bebornis sechellensis</i> .....	Indian Ocean—Seychelles Island .....	.....do .....	E	3	NA	NA
Wattle-eye, banded .....	<i>Platysteira laticincta</i> .....	Cameroon .....	.....do .....	E	571	NA	NA
Weaver, Clarke's .....	<i>Ploceus gollandi</i> .....	Kenya .....	.....do .....	E	571	NA	NA
Whipbird, western .....	<i>Psophodes nigrogularis</i> .....	Australia .....	.....do .....	E	3	NA	NA
White-eye, bridled .....	<i>Zosterops conspicillatus</i> <i>conspicillatus</i> .	Western Pacific Ocean—U.S.A. (Guam).	.....do .....	E	156	NA	NA
White-eye, Norfolk Island .....	<i>Zosterops albogularis</i> .....	Indian Ocean—Norfolk Islands .....	.....do .....	E	15	NA	NA
White-eye, Ponape greater .....	<i>Rukia longirostra (=sanfordi)</i> .....	West Pacific Ocean—Federated States of Micronesia.	.....do .....	E	3	NA	NA
White-eye, Seychelles .....	<i>Zosterops modesta</i> .....	Indian Ocean—Seychelles .....	.....do .....	E	3	NA	NA
Woodpecker, imperial .....	<i>Campephilus imperialis</i> .....	Mexico .....	.....do .....	E	3	NA	NA
Woodpecker, ivory-billed .....	<i>Campephilus principalis</i> .....	U.S.A. (southcentral and southeast- ern), Cuba.	.....do .....	E	1, 3	NA	NA
Woodpecker, red-cockaded .....	<i>Picoides (=Dendrocopos) borealis</i> .....	U.S.A. (southcentral and southeast- ern).	.....do .....	E	2	NA	NA
Woodpecker, Tristram's .....	<i>Dryocopus javensis richardsi</i> .....	Korea .....	.....do .....	E	3	NA	NA
Wren, Guadeloupe house .....	<i>Troglodytes aedon guadeloupensis</i> .....	West Indies—Guadeloupe .....	.....do .....	E	3	NA	NA
Wren, St. Lucia house .....	<i>Troglodytes aedon mesoleucus</i> .....	West Indies—St. Lucia .....	.....do .....	E	3	NA	NA
REPTILES							
Alligator, American .....	<i>Alligator mississippiensis</i> .....	Southeastern U.S.A. ....	.....do .....	T(S/A)	1, 11, 20, 47, 51, 60, 113, 134, 186,269	NA	17.42(a)
Alligator, Chinese .....	<i>Alligator sinensis</i> .....	China .....	.....do .....	E	15	NA	NA
Anole, Culebra Island giant .....	<i>Anolis roosevelti</i> .....	U.S.A. (PR—Culebra Island) .....	.....do .....	E	25	17.95(c)	NA
Boa, Jamaican .....	<i>Epicrates subflavus</i> .....	Jamaica .....	.....do .....	E	3	NA	NA
Boa, Mona .....	<i>Epicrates monensis monensis</i> .....	U.S.A. (PR) .....	.....do .....	T	33	17.95(c)	NA
Boa, Puerto Rican .....	<i>Epicrates inornatus</i> .....	.....do .....	.....do .....	E	2	NA	NA
Boa, Round Island [no common name] Do .....	<i>Bolyeria multocarinata</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	88	NA	NA
Boa, Virgin Islands tree .....	<i>Casarea dussumieri</i> .....	.....do .....	.....do .....	E	88	NA	NA
Caiman, Apaporis River .....	<i>Epicrates monensis granti</i> .....	U.S. and British Virgin Islands .....	.....do .....	E	2, 86	NA	NA
Caiman, black .....	<i>Caiman crocodilus apaporiensis</i> .....	Colombia .....	.....do .....	E	15	NA	NA
Caiman, broad-snouted .....	<i>Melanosuchus niger</i> .....	Amazon basin .....	.....do .....	E	15	NA	NA
Caiman, Yacare .....	<i>Caiman latirostris</i> .....	Brazil, Argentina, Paraguay, Uruguay .....	.....do .....	E	15	NA	NA
Chuckwalla, San Esteban Island .....	<i>Caiman crocodilus yacare</i> .....	Bolivia, Argentina, Peru, Brazil .....	.....do .....	E	3	NA	NA
Crocodile, African dwarf .....	<i>Sauromalus varius</i> .....	Mexico .....	.....do .....	E	88	NA	NA
Crocodile, African slender-snouted .....	<i>Osteolaemus tetraspis tetraspis</i> .....	West Africa .....	.....do .....	E	15	NA	NA
Crocodile, American .....	<i>Crocodylus cataphractus</i> .....	Western and central Africa .....	.....do .....	E	5	NA	NA
	<i>Crocodylus acutus</i> .....	U.S.A. (FL), Mexico, Caribbean, Central and South America.	.....do .....	E	10, 87	17.95(c)	NA
Crocodile, Ceylon mugger .....	<i>Crocodylus palustris kimbula</i> .....	Sri Lanka .....	.....do .....	E	15	NA	NA
Crocodile, Congo dwarf .....	<i>Osteolaemus tetraspis osborni</i> .....	Congo R. drainage .....	.....do .....	E	15	NA	NA
Crocodile, Cuban .....	<i>Crocodylus rhombifer</i> .....	Cuba .....	.....do .....	E	3	NA	NA
Crocodile, Morelet's .....	<i>Crocodylus moreletii</i> .....	Mexico, Belize, Guatemala .....	.....do .....	E	3	NA	NA
Crocodile, mugger .....	<i>Crocodylus palustris palustris</i> .....	India, Pakistan, Iran, Bangladesh .....	.....do .....	E	15	NA	NA
Crocodile, Nile .....	<i>Crocodylus niloticus</i> .....	Africa, Middle East .....	.....do .....	T	3, 279, 334, 514, 585	NA	17.42(c)
Crocodile, Orinoco .....	<i>Crocodylus intermedius</i> .....	South America—Orinoco R. basin .....	.....do .....	E	3	NA	NA
Crocodile, Philippine .....	<i>Crocodylus novaeguineae</i> <i>mindorensis</i> .	Philippine Islands .....	.....do .....	E	15	NA	NA
Crocodile, saltwater (=estuarine) .....	<i>Crocodylus porosus</i> .....	Southeast Asia, Australia, Papua New Guinea, Pacific Islands (Palau).	Entire, except Papua New Guin- ea and Australia.	E	87, 585	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Do .....	.....do .....	.....do .....	Australia .....	T	87, 585	NA	17.42(c)
Crocodile, Siamese .....	<i>Crocodylus siamensis</i> .....	Southeast Asia, Malay Peninsula .....	Entire .....	E	15	NA	NA
Gavial (=gharial) .....	<i>Gavialis gangeticus</i> .....	Pakistan, Burma, Bangladesh, India, Nepal.	.....do .....	E	3	NA	NA
Gecko, day .....	<i>Phelsuma edwardnewtoni</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	3	NA	NA
Gecko, Monito .....	<i>Sphaerodactylus micropithecus</i> .....	U.S.A. (PR) .....	.....do .....	E	125	17.95(c)	NA
Gecko, Round Island day .....	<i>Phelsuma guentheri</i> .....	Indian Ocean—Mauritius .....	.....do .....	E	3	NA	NA
Gecko, Serpent Island .....	<i>Cyrtodactylus serpensinsula</i> .....	.....do .....	.....do .....	T	129	NA	NA
Iguana, Acklins ground .....	<i>Cyclura rileyi nuchalis</i> .....	West Indies—Bahamas .....	.....do .....	T	129	NA	NA
Iguana, Allen's Cay .....	<i>Cyclura cyclura inornata</i> .....	.....do .....	.....do .....	T	129	NA	NA
Iguana, Andros Island ground .....	<i>Cyclura cyclura cyclura</i> .....	.....do .....	.....do .....	T	129	NA	NA
Iguana, Anegada ground .....	<i>Cyclura pinguis</i> .....	West Indies—British Virgin Islands (Anegada Island).	.....do .....	E	3	NA	NA
Iguana, Barrington land .....	<i>Conolophus pallidus</i> .....	Ecuador (Galapagos Islands) .....	.....do .....	E	3	NA	NA
Iguana, Cayman Brac ground .....	<i>Cyclura nubila caymanensis</i> .....	West Indies—Cayman Islands .....	.....do .....	T	129	NA	NA
Iguana, Cuban ground .....	<i>Cyclura nubila nubila</i> .....	Cuba .....	Entire (excluding population introduced in Puerto Rico).	T	129	NA	NA
Iguana, Exuma Island .....	<i>Cyclura cyclura figginsi</i> .....	West Indies—Bahamas .....	Entire .....	T	129	NA	NA
Iguana, Fiji banded .....	<i>Brachylophus fasciatus</i> .....	Pacific—Fiji, Tonga .....	.....do .....	E	88	NA	NA
Iguana, Fiji crested .....	<i>Brachylophus vitiensis</i> .....	Pacific—Fiji .....	.....do .....	E	88	NA	NA
Iguana, Grand Cayman ground .....	<i>Cyclura nubila lewisi</i> .....	West Indies—Cayman Islands .....	.....do .....	E	129	NA	NA
Iguana, Jamaican .....	<i>Cyclura collei</i> .....	West Indies—Jamaica .....	.....do .....	E	129	NA	NA
Iguana, Mayaguana .....	<i>Cyclura carinata bartschi</i> .....	West Indies—Bahamas .....	.....do .....	T	129	NA	NA
Iguana, Mona ground .....	<i>Cyclura stejnegeri</i> .....	U.S.A. (PR—Mona Island) .....	.....do .....	T	33	17.95(c)	NA
Iguana, Turks and Caicos .....	<i>Cyclura carinata carinata</i> .....	West Indies—Turks and Caicos Islands.	.....do .....	T	129	NA	NA
Iguana, Watling Island ground .....	<i>Cyclura rileyi rileyi</i> .....	West Indies—Bahamas .....	.....do .....	E	129	NA	NA
Iguana, White Cay ground .....	<i>Cyclura rileyi cristata</i> .....	.....do .....	.....do .....	T	129	NA	NA
Lizard, blunt-nosed leopard .....	<i>Gambelia (=Crotaphytus) silus</i> .....	U.S.A. (CA) .....	.....do .....	E	1	NA	NA
Lizard, Coachella Valley fringe-toed .....	<i>Uma inornata</i> .....	.....do .....	.....do .....	T	105	17.95(c)	NA
Lizard, Hierro giant .....	<i>Gallotia simonyi simonyi</i> .....	Spain (Canary Islands) .....	.....do .....	E	144	NA	NA
Lizard, Ibiza wall .....	<i>Podarcis pityusensis</i> .....	Spain (Balearic Islands) .....	.....do .....	T	144	NA	NA
Lizard, Island night .....	<i>Xantusia (=Klauberina) riversiana</i> .....	U.S.A. (CA) .....	.....do .....	T	26	NA	NA
Lizard, Maria Island ground .....	<i>Cnemidophorus vanzoi</i> .....	West Indies—St. Lucia (Maria Islands).	.....do .....	E	443	NA	NA
Lizard, St. Croix ground .....	<i>Ameiva polops</i> .....	U.S.A. (VI) .....	.....do .....	E	24	17.95(c)	NA
Monitor, Bengal .....	<i>Varanus bengalensis</i> .....	Iran, Iraq, India, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand.	.....do .....	E	15	NA	NA
Monitor, desert .....	<i>Varanus griseus</i> .....	North Africa to Aral Sea, through Central Asia to Pakistan, Northwest India.	.....do .....	E	15	NA	NA
Monitor, Komodo Island .....	<i>Varanus komodoensis</i> .....	Indonesia (Komodo, Rintja, Padar, and western Flores Island).	.....do .....	E	15	NA	NA
Monitor, yellow .....	<i>Varanus flavescens</i> .....	West Pakistan through India to Bangladesh.	.....do .....	E	15	NA	NA
Python, Indian .....	<i>Python molurus molurus</i> .....	Sri Lanka and India .....	.....do .....	E	15	NA	NA
Rattlesnake, Aruba Island .....	<i>Crotalus unicolor</i> .....	Aruba Island (Netherlands Antilles) .....	.....do .....	T	129	NA	NA
Rattlesnake, New Mexican ridge-nosed.	<i>Crotalus willardi obscurus</i> .....	U.S.A. (NM), Mexico .....	.....do .....	T	43	17.95(c)	NA
Skink, bluetail (=blue-tailed) mole .....	<i>Eumeces egregius lividus</i> .....	U.S.A. (FL) .....	.....do .....	T	299	NA	17.42(d)
Skink, Round Island .....	<i>Leiopismis telfairi</i> .....	Indian Ocean—Mauritius .....	.....do .....	T	129	NA	NA

Skink, sand .....	<i>Neoseps reynoldsi</i> .....	U.S.A. (FL) .....	.....do .....	T	299	NA	17.42(d)
Snake, Atlantic salt marsh .....	<i>Nerodia clarkii</i> (=fasciata) taeniata .....	.....do .....	.....do .....	T	30	NA	NA
Snake, Concho water .....	<i>Nerodia paucimaculata</i> (=harteri p.) ..	U.S.A. (TX) .....	.....do .....	T	241	17.95(c)	NA
Snake, eastern indigo .....	<i>Drymarchon corais couperi</i> .....	U.S.A. (AL, FL, GA, MS, SC) .....	.....do .....	T	32	NA	NA
Snake, giant garter .....	<i>Thamnophis gigas</i> .....	U.S.A. (CA) .....	.....do .....	T	522	NA	NA
Snake, Maria Island .....	<i>Liophus ornatus</i> .....	West Indies—St. Lucia (Maria Is-lands).	.....do .....	E	443	NA	NA
+ Snake, northern copperbelly water .....	<i>Nerodia erythrogaster neglecta</i> .....	U.S.A. (IL, IN, KY, MI, OH) .....	.....do .....	T	607	NA	NA
Snake, San Francisco garter .....	<i>Thamnophis sirtalis tetrataenia</i> .....	U.S.A. (CA) .....	.....do .....	E	1	NA	NA
Tartaruga .....	<i>Podocnemis expansa</i> .....	South America—Orinoco R. and Amazon R. basins.	.....do .....	E	3	NA	NA
Terrapin, river (=tuntong) .....	<i>Batagur baska</i> .....	Malaysia, Bangladesh, Burma, India, Indonesia.	.....do .....	E	3	NA	NA
Tomistoma .....	<i>Tomistoma schlegelii</i> .....	Malaysia, Indonesia .....	.....do .....	E	15	NA	NA
Tortoise, angulated .....	<i>Geochelone yniphora</i> .....	Malagasy Republic (=Madagascar) ...	.....do .....	E	15	NA	NA
Tortoise, Bolson .....	<i>Gopherus flavomarginatus</i> .....	Mexico .....	.....do .....	E	46	NA	NA
Tortoise, desert .....	<i>Gopherus</i> (=Xerobates, =Scaptochelys) agassizii.	U.S.A. (AZ, CA, NV, UT), Mexico .....	Entire, except AZ south and east of Colorado R., and Mexico.	T	103, 357E, 378	17.95(c)	NA
Do .....	.....do .....	.....do .....	AZ south and east of Colorado R., and Mexico, when found outside of Mexico or said range in AZ.	T(S/A)	357E, 378	NA	17.42(e)
Tortoise, Galapagos .....	<i>Geochelone elephantopus</i> .....	Ecuador (Galapagos Islands) .....	Entire .....	E	3	NA	NA
Tortoise, gopher .....	<i>Gopherus polyphemus</i> .....	U.S.A. (AL, FL, GA, LA, MS, SC) .....	Wherever found west of Mobile and Tombigbee Rivers in AL, MS, and LA.	T	281	NA	NA
Tortoise, radiated .....	<i>Geochelone</i> (=Testudo) radiata .....	Malagasy Republic (=Madagascar) ...	Entire .....	E	3	NA	NA
Tracaja .....	<i>Podocnemis unifilis</i> .....	South America—Orinoco R. and Amazon R. basins.	.....do .....	E	3	NA	NA
Tuatara .....	<i>Sphenodon punctatus</i> .....	New Zealand .....	.....do .....	E	3	NA	NA
Turtle, Alabama redbelly (=red-bellied)	<i>Pseudemys alabamensis</i> .....	U.S.A. (AL) .....	.....do .....	E	278	NA	NA
Turtle, aquatic box .....	<i>Terrapene coahuila</i> .....	Mexico .....	.....do .....	E	6	NA	NA
Turtle, black softshell .....	<i>Trionyx nigricans</i> .....	Bangladesh .....	.....do .....	E	15	NA	NA
Turtle, Brazilian (=Hoge's) sideneck ...	<i>Phrynops hoguei</i> .....	Brazil .....	.....do .....	E	443	NA	NA
Turtle, Burmese peacock .....	<i>Morenia ocellata</i> .....	Burma .....	.....do .....	E	15	NA	NA
Turtle, Cat Island .....	<i>Trachemys terrapen</i> .....	West Indies—Jamaica, Bahamas .....	Cat Island in the Bahamas.	E	443	NA	NA
Turtle, Central American river .....	<i>Dermatemys mawii</i> .....	Mexico, Belize, Guatemala .....	Entire .....	E	129	NA	NA
Turtle, Cuatro Ciénegas softshell .....	<i>Trionyx ater</i> .....	Mexico .....	.....do .....	E	15	NA	NA
Turtle, flattened musk .....	<i>Sternotherus depressus</i> .....	U.S.A. (AL) .....	Black Warrior R. system upstream from Bankhead Dam.	T	272	NA	NA
Turtle, geometric .....	<i>Psammobates</i> (=Geochelone) geometricus.	South Africa .....	Entire .....	E	15	NA	NA
Turtle, green sea .....	<i>Chelonia mydas</i> (incl. agassizi) .....	Circumglobal in tropical and temperate seas and oceans.	Breeding colony populations in FL and on Pacific coast of Mexico.	E	42	NA	222.41
Do .....	<i>Chelonia mydas</i> .....	.....do .....	Wherever found except where listed as endangered.	T	42	NA	17.42(b), 227.71, 227.72

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Turtle, hawksbill sea (=carey) .....	<i>Eretmochelys imbricata</i> .....	Tropical seas .....	Entire .....	E	3	17.95(c)	222.41
Turtle, Inagua Island .....	<i>Trachemys stejnegeri malonei</i> .....	West Indies—Bahamas (Great Inagua Island).	.....do .....	E	443	NA	NA
Turtle, Indian sawback .....	<i>Kachuga tecta tecta</i> .....	India .....	.....do .....	E	15	NA	NA
Turtle, Indian softshell .....	<i>Trionyx gangeticus</i> .....	Pakistan, India .....	.....do .....	E	15	NA	NA
Turtle, Kemp's (=Atlantic) ridley sea ...	<i>Lepidochelys kempii</i> .....	Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico.	.....do .....	E	4	NA	222.41
Turtle, leatherback sea .....	<i>Dermochelys coriacea</i> .....	Tropical, temperate, and subpolar seas.	.....do .....	E	3	17.95(c) 226.71	222.41
Turtle, loggerhead sea .....	<i>Caretta caretta</i> .....	Circumglobal in tropical and temperate seas and oceans.	.....do .....	T	42	NA	17.42(b), 227.71, 227.72
Turtle, olive (=Pacific) ridley sea .....	<i>Lepidochelys olivacea</i> .....	Circumglobal in tropical and temperate seas.	Wherever found except where listed as endangered below.	T	42	NA	17.42(b), 227.71, 227.72
Do .....	.....do .....	.....do .....	Breeding colony populations on Pacific coast of Mexico.	E	42	NA	222.41
Turtle, peacock softshell .....	<i>Trionyx hurum</i> .....	India, Bangladesh .....	Entire .....	E	15	NA	NA
Turtle, Plymouth redbelly (=red-bellied)	<i>Pseudemys (=Chrysemys) rubriventris bangsi.</i>	U.S.A. (MA) .....	.....do .....	E	90	17.95(c)	NA
Turtle, ringed map (=sawback) .....	<i>Graptemys oculifera</i> .....	U.S.A. (LA, MS) .....	.....do .....	T	250	NA	NA
Turtle, short-necked or western swamp.	<i>Pseudemys umbrina</i> .....	Australia .....	.....do .....	E	3	NA	NA
Turtle, South American red-lined .....	<i>Trachemys scripta callirostris</i> .....	Colombia, Venezuela .....	.....do .....	E	443	NA	NA
Turtle, spotted pond .....	<i>Geoclemys (=Damonina) hamiltonii</i> .....	North India, Pakistan .....	.....do .....	E	15	NA	NA
Turtle, three-keeled Asian .....	<i>Melanochelys (=Geoemyda, =Nicatoria) tricarinata.</i>	Central India to Bangladesh and Burma.	.....do .....	E	15	NA	NA
Turtle, yellow-blotched map (=sawback).	<i>Graptemys flavimaculata</i> .....	U.S.A. (MS) .....	.....do .....	T	416	NA	NA
Viper, Lar Valley .....	<i>Vipera latifii</i> .....	Iran .....	.....do .....	E	129	NA	NA
AMPHIBIANS							
Coqui, golden .....	<i>Eleutherodactylus jasperii</i> .....	U.S.A. (PR) .....	.....do .....	T	29	17.95(d)	NA
+ Frog, California red-legged .....	<i>Rana aurora draytonii</i> .....	U.S.A. (CA), Mexico. ....	Entire (excluding Del Norte, Humboldt, Trinity, & Mendocino Cos., CA; Glenn, Lake, & Sonoma Cos., CA, west of the Central Valley Hydrologic Basin; Sonoma & Marin Cos., CA, west & north of San Francisco Bay drainages and Walker Creek drainage; and NV.	T	583	NA	NA
Frog, Goliath .....	<i>Conraua goliath</i> .....	Cameroon, Equatorial Guinea, Gabon.	Entire .....	T	566	NA	NA

Frog, Israel painted	<i>Discoglossus nigriventer</i>	Israel	do	E	3	NA	NA
Frog, Panamanian golden	<i>Atelopus varius zeteki</i>	Panama	do	E	15	NA	NA
Frog, Stephen Island	<i>Leiopelma hamiltoni</i>	New Zealand	do	E	3	NA	NA
Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	U.S.A. (WV)	do	T	358	NA	NA
Salamander, Chinese giant	<i>Andrias davidianus davidianus</i>	Western China	do	E	15	NA	NA
Salamander, desert slender	<i>Batrachoseps aridus</i>	U.S.A. (CA)	do	E	6	NA	NA
Salamander, Japanese giant	<i>Andrias davidianus japonicus</i>	Japan	do	E	15	NA	NA
Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	U.S.A. (AL)	do	T	19	NA	NA
Salamander, San Marcos	<i>Eurycea nana</i>	U.S.A. (TX)	do	T	98	17.95(d)	17.43(a)
Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	U.S.A. (CA)	do	E	1	NA	NA
Salamander, Shenandoah	<i>Plethodon shenandoah</i>	U.S.A. (VA)	do	E	358	NA	NA
+ Salamander, Sonoran tiger	<i>Ambystoma tigrinum stebbinsi</i>	U.S.A. (AZ), Mexico	do	E	600	NA	NA
Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	U.S.A. (TX)	do	E	1	NA	NA
Toad, arroyo (=arroyo southwestern)	<i>Bufo microscaphus californicus</i>	U.S.A. (CA), Mexico	do	E	568	NA	NA
Toad, Cameroon	<i>Bufo superciliaris</i>	Equatorial Africa	do	E	15	NA	NA
Toad, Houston	<i>Bufo houstonensis</i>	U.S.A. (TX)	do	E	2	17.95(d)	NA
Toad, Monte Verde	<i>Bufo periglenes</i>	Costa Rica	do	E	15	NA	NA
Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	U.S.A. (PR), British Virgin Islands	do	T	283	NA	NA
Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	U.S.A. (WY)	do	E	138	NA	NA
Toads, African viviparous	<i>Nectophrynoideis spp.</i>	Tanzania, Guinea, Ivory Coast, Cameroon, Liberia, Ethiopia.	do	E	15	NA	NA
FISHES							
Ala Balik (trout)	<i>Salmo platycephalus</i>	Turkey	do	E	3	NA	NA
Ayumodoki (loach)	<i>Hymenophysa (=Botia) curta</i>	Japan	do	E	3	NA	NA
Blindcat, Mexican (catfish)	<i>Prietella phreatophila</i>	Mexico	do	E	3	NA	NA
Bonytongue, Asian	<i>Scleropages formosus</i>	Thailand, Indonesia, Malaysia	do	E	15	NA	NA
Catfish [no common name]	<i>Pangasius sanitwongsei</i>	Thailand	do	E	3	NA	NA
Catfish, giant	<i>Pangasianodon gigas</i>	do	do	E	3	NA	NA
Catfish, Yaqui	<i>Ictalurus pricei</i>	U.S.A. (AZ), Mexico	do	T	157	17.95(e)	17.44(g)
Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	U.S.A. (AL)	do	E	28, 328	17.95(e)	NA
Cavefish, Ozark	<i>Amblyopsis rosae</i>	U.S.A. (AR, MO, OK)	do	T	164	NA	NA
Chub, bonytail	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY)	do	E	92	17.95(e)	NA
Chub, Borax Lake	<i>Gila boraxobius</i>	U.S.A. (OR)	do	E	94E,	17.95(e)	NA
					124		
Chub, Chihuahua	<i>Gila nigrescens</i>	U.S.A. (NM), Mexico (Chihuahua)	do	T	132	NA	17.44(g)
Chub, humpback	<i>Gila cypha</i>	U.S.A. (AZ, CO, UT, WY)	do	E	1	17.95(e)	NA
Chub, Hutton tui	<i>Gila bicolor ssp.</i>	U.S.A. (OR)	do	T	174	NA	17.44(j)
Chub, Mohave tui	<i>Gila bicolor mohavensis</i>	U.S.A. (CA)	do	E	2	NA	NA
Chub, Oregon	<i>Oregonichthys (=Hybopsis) crameri</i>	U.S.A. (OR)	do	E	520	NA	NA
Chub, Owens tui	<i>Gila bicolor snyderi</i>	U.S.A. (CA)	do	E	195	17.95(e)	NA
Chub, Pahrnagat roundtail (=bonytail)	<i>Gila robusta jordani</i>	U.S.A. (NV)	do	E	2	NA	NA
Chub, slender	<i>Erimystax (=Hybopsis) cahni</i>	U.S.A. (TN, VA)	do	T	28	17.95(e)	17.44(c)
Chub, Sonora	<i>Gila ditaenia</i>	U.S.A., (AZ), Mexico	do	T	227	17.95(e)	17.44(o)
Chub, spotfin (=turquoise shiner)	<i>Cyprinella (=Hybopsis) monacha</i>	U.S.A. (AL, GA, NC, TN, VA)	do	T	28	17.95(e)	17.44(c)
Chub, Virgin River	<i>Gila robusta semidnuda</i>	U.S.A. (AZ, NV, UT)	do	E	361	NA	NA
Chub, Yaqui	<i>Gila purpurea</i>	U.S.A. (AZ), Mexico	do	E	157	17.95(e)	NA
Cicek (minnow)	<i>Acanthorutilus handirschi</i>	Turkey	do	E	3	NA	NA
Cui-ui	<i>Chasmistes cujus</i>	U.S.A. (NV)	do	E	1	NA	NA
Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	do	do	E	117E,	17.95(e)	NA
					127E,		
					130		
Dace, blackside	<i>Phoxinus cumberlandensis</i>	U.S.A. (KY, TN)	do	T	273	NA	NA
Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	U.S.A. (NV)	do	E	370	NA	NA
Dace, desert	<i>Eremichthys acros</i>	do	do	T	1, 2D,	17.95(e)	17.44(m)
					210		
Dace, Foskett speckled	<i>Rhinichthys osculus ssp.</i>	U.S.A. (OR)	do	T	174	NA	17.44(j)
Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	U.S.A. (NV)	do	E	370, 372	NA	NA
Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	U.S.A. (WY)	do	E	2	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Dace, Moapa .....	<i>Moapa coriacea</i> .....	U.S.A. (NV) .....	.....do .....	E	1	NA	NA
Darter, amber .....	<i>Percina antesella</i> .....	U.S.A. (AL, GA, TN) .....	.....do .....	E	196	17.95(e)	NA
Darter, bayou .....	<i>Etheostoma rubrum</i> .....	U.S.A. (MS) .....	.....do .....	T	10	NA	17.44(b)
Darter, bluemask (=jewel) .....	<i>Etheostoma (Doration) sp.</i> .....	U.S.A. (TN) .....	.....do .....	E	525	NA	NA
Darter, boulder (=Elk River) .....	<i>Etheostoma wapiti</i> .....	U.S.A. (AL, TN) .....	.....do .....	E	322	NA	NA
Darter, Cherokee .....	<i>Etheostoma (Ulocentra) sp.</i> .....	U.S.A. (GA) .....	.....do .....	T	569	NA	NA
Darter, duskytail .....	<i>Etheostoma (Catonotus) sp.</i> .....	U.S.A. (TN, VA) .....	.....do .....	E	502	NA	NA
Darter, Etowah .....	<i>Etheostoma etowahae</i> .....	U.S.A. (GA) .....	.....do .....	E	569	NA	NA
Darter, fountain .....	<i>Etheostoma fonticola</i> .....	U.S.A. (TX) .....	.....do .....	E	2	17.95(e)	NA
Darter, goldline .....	<i>Percina aurolineata</i> .....	U.S.A. (AL, GA, TN) .....	.....do .....	T	462	NA	NA
Darter, leopard .....	<i>Percina pantherina</i> .....	U.S.A. (AR, OK) .....	.....do .....	T	31	17.95(e)	17.44(d)
Darter, Maryland .....	<i>Etheostoma sellare</i> .....	U.S.A. (MD) .....	.....do .....	E	1	17.95(e)	NA
Darter, Niangua .....	<i>Etheostoma nianguae</i> .....	U.S.A. (MO) .....	.....do .....	T	185	17.95(e)	17.44(k)
Darter, Okaloosa .....	<i>Etheostoma okaloosae</i> .....	U.S.A. (FL) .....	.....do .....	E	6	NA	NA
Darter, relict .....	<i>Etheostoma (Catonotus) chienense</i> ..	U.S.A. (KY) .....	.....do .....	E	525	NA	NA
Darter, slackwater .....	<i>Etheostoma boschungii</i> .....	U.S.A. (AL, TN) .....	.....do .....	T	28	17.95(e)	17.44(c)
Darter, snail .....	<i>Percina tanasi</i> .....	U.S.A. (AL, GA, TN) .....	.....do .....	T	12, 150	NA	NA
Darter, watercress .....	<i>Etheostoma nuchale</i> .....	U.S.A. (AL) .....	.....do .....	E	2	NA	NA
Gambusia, Big Bend .....	<i>Gambusia gaigei</i> .....	U.S.A. (TX) .....	.....do .....	E	1	NA	NA
Gambusia, Clear Creek .....	<i>Gambusia heterochir</i> .....	.....do .....	.....do .....	E	1	NA	NA
Gambusia, Pecos .....	<i>Gambusia nobilis</i> .....	U.S.A. (NM, TX) .....	.....do .....	E	2	NA	NA
Gambusia, San Marcos .....	<i>Gambusia georgei</i> .....	U.S.A. (TX) .....	.....do .....	E	98	17.95(e)	NA
Goby, tidewater .....	<i>Eucyclogobius newberryi</i> .....	U.S.A. (CA) .....	.....do .....	E	527	NA	NA
Logperch, Conasauga .....	<i>Percina jenkinsi</i> .....	U.S.A. (GA, TN) .....	.....do .....	E	196	17.95(e)	NA
Logperch, Roanoke .....	<i>Percina rex</i> .....	U.S.A. (VA) .....	.....do .....	E	359	NA	NA
Madtom, Neosho .....	<i>Noturus placidus</i> .....	U.S.A. (KS, MO, OK) .....	.....do .....	T	388	NA	NA
Madtom, pygmy .....	<i>Noturus stanauli</i> .....	U.S.A. (TN) .....	.....do .....	E	502	NA	NA
Madtom, Scioto .....	<i>Noturus trautmani</i> .....	U.S.A. (OH) .....	.....do .....	E	10	NA	NA
Madtom, Smoky .....	<i>Noturus baileyi</i> .....	U.S.A. (TN) .....	.....do .....	E	163	17.95(e)	NA
Madtom, yellowfin .....	<i>Noturus flavipinnis</i> .....	U.S.A. (TN, VA) .....	Entire, except where listed as an experimental population below.	T	28, 317	17.95(e)	17.44(c)
Do .....	.....do .....	.....do .....	N. Fork Holston R., VA, TN; S. Fork Holston R., upstream to Ft. Patrick Henry Dam, TN; Holston R., downstream to John Sevier Detention Lake Dam, TN; and all tributaries thereto.	XN	317	NA	17.84(e)
Minnow, loach .....	<i>Rhinichthys (=Tiaroga) cobitis</i> .....	U.S.A. (AZ, NM), Mexico .....	Entire .....	T	247	17.95(e)	17.44(q)
Minnow, Rio Grande silvery .....	<i>Hybognathus amarus</i> .....	U.S.A. (NM, TX), Mexico .....	.....do .....	E	543	NA	NA
Nekogigi (catfish) .....	<i>Coreobagrus ichikawai</i> .....	Japan .....	.....do .....	E	3	NA	NA
Poolfish (=killifish), Pahump .....	<i>Empetrichthys latos</i> .....	U.S.A. (NV) .....	.....do .....	E	1	NA	NA
Pupfish, Ash Meadows Amargosa .....	<i>Cyprinodon nevadensis mionectes</i> .....	.....do .....	.....do .....	E	117E, 127E, 130	17.95(e)	NA
Pupfish, Comanche Springs .....	<i>Cyprinodon elegans</i> .....	U.S.A. (TX) .....	.....do .....	E	1	NA	NA
Pupfish, desert .....	<i>Cyprinodon macularius</i> .....	U.S.A. (AZ, CA) Mexico .....	.....do .....	E	222	17.95(e)	NA
Pupfish, Devils Hole .....	<i>Cyprinodon diabolis</i> .....	U.S.A. (NV) .....	.....do .....	E	1	NA	NA

Pupfish, Leon Springs .....	<i>Cyprinodon bovinus</i> .....	U.S.A. (TX) .....	.....do .....	E	102	17.95(e)	NA
Pupfish, Owens .....	<i>Cyprinodon radiosus</i> .....	U.S.A. (CA) .....	.....do .....	E	1	NA	NA
Pupfish, Warm Springs .....	<i>Cyprinodon nevadensis pectoralis</i> .....	U.S.A. (NV) .....	.....do .....	E	2	NA	NA
+ Salmon, central California coast coho ..	<i>Oncorhynchus (=Salmo) kisutch</i> .....	U.S.A. (CA) .....	U.S.A. (CA), naturally spawning pops. in streams between Punta Gorda, Humboldt Co, CA and the San Lorenzo River, Santa Cruz, Co., CA.	T	598	NA	NA
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	383E, 407, 534	226.21	NA
Do .....	.....do .....	.....do .....	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.	T	516, 557E	226.22	NA
Do .....	.....do .....	.....do .....	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 population(s), wherever found.	T	516, 557E	226.22	NA
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	455	226.22	NA
Sculpin, pygmy .....	<i>Cottus pygmaeus</i> .....	U.S.A. (AL) .....	Entire .....	T	365	NA	17.44(u)
Shiner, beautiful .....	<i>Cyprinella (=Notropis) formosa</i> .....	U.S.A. (AZ, NM), Mexico .....	.....do .....	T	157	17.95(e)	17.44(g)
Shiner, blue .....	<i>Cyprinella (=Notropis) caerulea</i> .....	U.S.A. (AL, GA, TN) .....	.....do .....	T	462	NA	NA
Shiner, Cahaba .....	<i>Notropis cahabae</i> .....	U.S.A. (AL) .....	.....do .....	E	405	NA	NA
Shiner, Cape Fear .....	<i>Notropis mekistocholas</i> .....	U.S.A. (NC) .....	.....do .....	E	290	17.95(e)	NA
Shiner, Palezone .....	<i>Notropis</i> sp. ....	U.S.A. (AL, KY, TN) .....	.....do .....	E	502	NA	NA
Shiner, Pecos bluntnose .....	<i>Notropis simus pecosensis</i> .....	U.S.A. (NM) .....	.....do .....	T	258	17.95(e)	17.44(r)
Silverside, Waccamaw .....	<i>Menidia extensa</i> .....	U.S.A. (NC) .....	.....do .....	T	265	17.95(e)	17.44(s)
Smelt, delta .....	<i>Hypomesus transpacificus</i> .....	U.S.A. (CA) .....	.....do .....	T	492	17.95(e)	NA
Spinedace .....	<i>Meda fulgida</i> .....	U.S.A. (AZ, NM), Mexico .....	.....do .....	T	236	17.95(e)	17.44(p)
Spinedace, Big Spring .....	<i>Lepidomeda mollispinis pratensis</i> .....	U.S.A. (NV) .....	.....do .....	T	173	17.95(e)	17.44(i)
Spinedace, Little Colorado .....	<i>Lepidomeda vittata</i> .....	U.S.A. (AZ) .....	.....do .....	T	287	17.95(e)	17.44(t)
Spinedace, White River .....	<i>Lepidomeda albigallii</i> .....	U.S.A. (NV) .....	.....do .....	E	203	17.95(e)	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Springfish, Hiko White River .....	<i>Crenichthys baileyi grandis</i> .....	.....do .....	.....do .....	E	206	17.95(e)	NA
Springfish, Railroad Valley .....	<i>Crenichthys nevadae</i> .....	.....do .....	.....do .....	T	224	17.95(e)	17.44(n)
Springfish, White River .....	<i>Crenichthys baileyi baileyi</i> .....	.....do .....	.....do .....	E	206	17.95(e)	NA
Squawfish, Colorado .....	<i>Ptychocheilus lucius</i> .....	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico.	Entire, except Salt and Verde R. drainages, AZ.	E	1, 193	17.95(e)	NA
Do .....	.....do .....	.....do .....	Salt and Verde R. drainages, AZ.	XN	193	NA	17.84(b)
Stickleback, unarmored threespine .....	<i>Gasterosteus aculeatus williamsoni</i> .....	U.S.A. (CA) .....	Entire .....	E	2	NA	NA
Sturgeon, Gulf .....	<i>Acipenser oxyrinchus desotoi</i> .....	U.S.A. (AL, FL, GA, LA, MS) .....	.....do .....	T	444	NA	17.44(v)
Sturgeon, pallid .....	<i>Scaphirhynchus albus</i> .....	U.S.A. (AR, IA, IL, KS, KY, LA, MO, MS, MT, ND, NE, SD, TN).	.....do .....	E	399	NA	NA
Sturgeon, shortnose .....	<i>Acipenser brevirostrum</i> .....	U.S.A. and Canada (Atlantic Coast) ..	.....do .....	E	1	NA	NA
Sturgeon, white (Kootenai River pop.) .....	<i>Acipenser transmontanus</i> .....	U.S.A. (ID, MT), Canada (B.C.) .....	.....do .....	E	549	NA	NA
Sucker, June .....	<i>Chasmistes liorus</i> .....	U.S.A. (UT) .....	.....do .....	E	223	17.95(e)	NA
Sucker, Lost River .....	<i>Deltistes luxatus</i> .....	U.S.A. (CA, OR) .....	.....do .....	E	313	NA	NA
Sucker, Modoc .....	<i>Catostomus microps</i> .....	U.S.A. (CA) .....	.....do .....	E	184	17.95(e)	NA
Sucker, razorback .....	<i>Xyrauchen texanus</i> .....	U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico.	.....do .....	E	447	17.95(e)	NA
Sucker, shortnose .....	<i>Chasmistes brevirostris</i> .....	U.S.A. (CA, OR) .....	.....do .....	E	313	NA	NA
Sucker, Warner .....	<i>Catostomus warnerensis</i> .....	U.S.A. (OR) .....	.....do .....	T	205	17.95(e)	17.44(l)
Tango, Miyako (Tokyo bitterling) .....	<i>Tanakia tanago</i> .....	Japan .....	.....do .....	E	3	NA	NA
Temoleh, Ikan (minnow) .....	<i>Probarbus jullieni</i> .....	Thailand, Cambodia, Vietnam, Malaysia, Laos.	.....do .....	E	15	NA	NA
Topminnow, Gila (incl. Yaqui) .....	<i>Poeciliopsis occidentalis</i> .....	U.S.A. (AZ, NM), Mexico .....	U.S.A. only .....	E	1	NA	NA
Totoaba (seatrout or weakfish) .....	<i>Cynoscion macdonaldi</i> .....	Mexico (Gulf of California) .....	Entire .....	E	48	NA	NA
Trout, Apache (=Arizona) .....	<i>Oncorhynchus (=Salmo) apache</i> .....	U.S.A. (AZ) .....	.....do .....	T	1, 8	NA	17.44(a)
Trout, Gila .....	<i>Oncorhynchus (=Salmo) gilae</i> .....	U.S.A. (AZ, NM) .....	.....do .....	E	1	NA	NA
Trout, greenback cutthroat .....	<i>Oncorhynchus (=Salmo) clarki stomias</i> .	U.S.A. (CO) .....	.....do .....	T	1, 38	NA	17.44(f)
Trout, Lahontan cutthroat .....	<i>Oncorhynchus (=Salmo) clarki henshawi</i> .	U.S.A. (CA, NV, OR, UT) .....	.....do .....	T	2, 8	NA	17.44(a)
Trout, Little Kern golden .....	<i>Oncorhynchus (=Salmo) aguabonita whitei</i> .	U.S.A. (CA) .....	.....do .....	T	37	17.95(e)	17.44(e)
Trout, Paiute cutthroat .....	<i>Oncorhynchus (=Salmo) clarki seleniris</i> .	.....do .....	.....do .....	T	1, 8	NA	17.44(a)
+ Trout, Umpqua River cutthroat .....	<i>Oncorhynchus (=Salmo) clarki clarki</i> .	U.S.A. (AK, CA, OR, WA) .....	Umpqua R. (U.S.A.—OR) naturally spawning pops. in mainstem and tributaries.	E	588	NA	17.44(a), 222.23 (a)
Woundfin .....	<i>Plagopterus argentissimus</i> .....	U.S.A. (AZ, NV, UT) .....	Entire, except Gila R. drainage, AZ, NM.	E	2, 193	NA	NA
Do .....	.....do .....	.....do .....	Gila R. drainage, AZ, NM.	XN	193	NA	17.84(b)
CLAMS							
Acornshell, southern .....	<i>Epioblasma othcaloogensis</i> .....	U.S.A. (AL, GA, TN) .....	NA .....	E	495	NA	NA
Bean, Purple .....	<i>Villosa perpurpurea</i> (I. Lea, 1861) .....	U.S.A. (TN, VA) .....	NA .....	E	602	NA	NA
Clubshell .....	<i>Pleurobema clava</i> .....	U.S.A. (AL, IL, IN, KY, MI, OH, PA, TN, WV).	NA .....	E	488	NA	NA
Clubshell, black (=Curtus' mussel) .....	<i>Pleurobema curtum</i> .....	U.S.A. (AL, MS) .....	NA .....	E	262	NA	NA
Clubshell, ovate .....	<i>Pleurobema perovatum</i> .....	U.S.A. (AL, GA, MS, TN) .....	NA .....	E	495	NA	NA



Clubshell, southern	<i>Pleurobema decisum</i>	.....do	NA	E	495	NA	NA
+ Combshell, Cumberlandian	<i>Epioblasma brevidens</i> (I. Lea, 1831)	U.S.A. (AL, KY, TN, VA)	NA	E	602	NA	NA
Combshell, southern (=penitent mussel).	<i>Epioblasma</i> (=Dysnomia) penita	U.S.A. (AL, MS)	NA	E	262	NA	NA
Combshell, upland	<i>Epioblasma metastrata</i>	U.S.A. (AL, GA, TN)	NA	E	495	NA	NA
Elktoe, Cumberland	<i>Alasmidonta atropurpurea</i> (Rafinesque, 1831).	U.S.A. (KY, TN)	NA	E	602	NA	NA
Elktoe, Appalachian	<i>Alasmidonta raveneliana</i>	U.S.A. (NC, TN)	NA	E	563	NA	NA
Fanshell	<i>Cyprogenia stegaria</i> (=irrorata)	U.S.A. (AL, IL, IN, KY, OH, PA, TN, VA, WV).	NA	E	391	NA	NA
Fatmucket, Arkansas	<i>Lampsilis powelli</i>	U.S.A. (AR)	NA	T	382	NA	NA
Heelsplitter, Carolina	<i>Lasmigona decorata</i>	U.S.A. (NC, SC)	NA	E	505	NA	NA
Heelsplitter, inflated	<i>Potamilus inflatus</i>	U.S.A. (AL, LA, MS)	NA	T	404	NA	NA
Kidneyshell, triangular	<i>Ptychobranchus greeni</i>	U.S.A. (AL, GA, TN)	NA	E	495	NA	NA
Lampmussel, Alabama	<i>Lampsilis virescens</i>	U.S.A. (AL, TN)	NA	E	15	NA	NA
Moccasinshell, Alabama	<i>Medionidus acutissimus</i>	U.S.A. (AL, GA, MS)	NA	T	495	NA	NA
Moccasinshell, Coosa	<i>Medionidus parvulus</i>	U.S.A. (AL, GA, TN)	NA	E	495	NA	NA
Mucket, orange-nacre	<i>Lampsilis perovalis</i>	U.S.A. (AL, MS)	NA	T	495	NA	NA
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	377	NA	NA
Mussel, oyster	<i>Epioblasma capsaeformis</i> (I. Lea, 1834).	U.S.A. (AL, KY, TN, VA)	NA	E	602	NA	NA
Mussel, ring pink (=golf stick pearly)	<i>Obovaria retusa</i>	U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV).	NA	E	369	NA	NA
Mussel, winged mapleleaf	<i>Quadrula fragosa</i>	U.S.A. (IA, IL, IN, KY, MN, MO, NE, OH, OK, TN, WI).	NA	E	426	NA	NA
Pearlshell, Louisiana	<i>Margaritifera hembeli</i>	U.S.A. (LA)	NA	T	304, 518	NA	NA
Pearlymussel, Appalachian monkeyface.	<i>Quadrula sparsa</i>	U.S.A. (TN, VA)	NA	E	15	NA	NA
Pearlymussel, birdwing	<i>Conradilla caelata</i>	.....do	NA	E	15	NA	NA
Pearlymussel, cracking	<i>Hemistena</i> (=Lastena) lata	U.S.A. (AL, IL, IN, KY, OH, TN, VA)	NA	E	366	NA	NA
Pearlymussel, Cumberland bean	<i>Villosa</i> (=Micromya) trabalis	U.S.A. (KY, TN, VA)	NA	E	15	NA	NA
Pearlymussel, Cumberland monkeyface.	<i>Quadrula intermedia</i>	U.S.A. (AL, TN, VA)	NA	E	15	NA	NA
Pearlymussel, Curtis'	<i>Epioblasma</i> (=Dysnomia) florentina curtisi.	U.S.A. (AR, MO)	NA	E	15	NA	NA
Pearlymussel, dromedary	<i>Dromus dromas</i>	U.S.A. (AL, KY, TN, VA)	NA	E	15	NA	NA
Pearlymussel, green-blossom	<i>Epioblasma</i> (=Dysnomia) torulosa gubernaculum.	U.S.A. (TN, VA)	NA	E	15	NA	NA
Pearlymussel, Higgins' eye	<i>Lampsilis higginsii</i>	U.S.A. (IA, IL, MN, MO, NE, WI)	NA	E	15	NA	NA
Pearlymussel, little-wing	<i>Pegias fabula</i>	U.S.A. (AL, KY, NC, TN, VA)	NA	E	342	NA	NA
Pearlymussel, Nicklin's	<i>Megaloniaias nicklineana</i>	Mexico	NA	E	15	NA	NA
Pearlymussel, orange-foot pimple back	<i>Plethobasus cooperianus</i>	U.S.A. (AL, IA, IL, IN, KY, OH, PA, TN).	NA	E	15	NA	NA
Pearlymussel, pale lilliput	<i>Toxolasma</i> (=Carunculina) cylindrellus.	U.S.A. (AL, TN)	NA	E	15	NA	NA
Pearlymussel, pink mucket	<i>Lampsilis abrupta</i> (=orbiculata)	U.S.A. (AL, AR, IL, IN, KY, LA, MO, OH, PA, TN, VA, WV).	NA	E	15	NA	NA
Pearlymussel, purple cat's paw	<i>Epioblasma</i> (=Dysnomia) obliquata obliquata (=sulcata sulcata).	U.S.A. (AL, IL, IN, KY, OH, TN)	NA	E	394	NA	NA
Pearlymussel, Tampico	<i>Cyrtonaias tampicoensis tecomatensis.</i>	Mexico	NA	E	15	NA	NA
Pearlymussel, tubercled-blossom	<i>Epioblasma</i> (=Dysnomia) torulosa torulosa.	U.S.A. (AL, IL, IN, KY, TN, WV)	NA	E	15	NA	NA
Pearlymussel, turgid-blossom	<i>Epioblasma</i> (=Dysnomia) turgidula	U.S.A. (AL, TN)	NA	E	15	NA	NA
Pearlymussel, white cat's paw	<i>Epioblasma</i> (=Dysnomia) obliquata perobliqua.	U.S.A. (IN, MI, OH)	NA	E	15	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Pearlymussel, white wartyback .....	<i>Plethobasus cicatricosus</i> .....	U.S.A. (AL, IL, IN, KY, TN) .....	NA .....	E	15	NA	NA
Pearlymussel, yellow-blossom .....	<i>Epioblasma (=Dysnomia) florentina florentina</i> .....	U.S.A. (AL, TN) .....	NA .....	E	15	NA	NA
Pigtoe, Cumberland (=Cumberland pigtoe mussel).	<i>Pleurobema gibberum</i> .....	U.S.A. (TN) .....	NA .....	E	423	NA	NA
Pigtoe, dark .....	<i>Pleurobema furvum</i> .....	U.S.A. (AL) .....	NA .....	E	495	NA	NA
Pigtoe, fine-rayed .....	<i>Fusconaia cuneolus</i> .....	U.S.A. (AL, TN, VA) .....	NA .....	E	15	NA	NA
Pigtoe, flat (=Marshall's mussel) .....	<i>Pleurobema marshalli</i> .....	U.S.A. (AL, MS) .....	NA .....	E	262	NA	NA
Pigtoe, heavy (=Judge Tait's mussel) .	<i>Pleurobema taitianum</i> .....	.....do .....	NA .....	E	262	NA	NA
Pigtoe, rough .....	<i>Pleurobema plenum</i> .....	U.S.A. (AL, IN, KY, PA, TN, VA) .....	NA .....	E	15	NA	NA
Pigtoe, shiny .....	<i>Fusconaia cor (=edgariana)</i> .....	U.S.A. (AL, TN, VA) .....	NA .....	E	15	NA	NA
Pigtoe, southern .....	<i>Pleurobema georgianum</i> .....	U.S.A. (AL, GA, TN) .....	NA .....	E	495	NA	NA
Pocketbook, fat .....	<i>Potamilus (=Proptera) capax</i> .....	U.S.A. (AR, IA, IL, IN, KY, MO, MS, OH).	NA .....	E	15	NA	NA
Pocketbook, fine-lined .....	<i>Lampsilis altilis</i> .....	U.S.A. (AL, GA) .....	NA .....	T	495	NA	NA
Pocketbook, speckled .....	<i>Lampsilis streckeri</i> .....	U.S.A. (AR) .....	NA .....	E	345	NA	NA
+ Rabbitsfoot, rough .....	<i>Quadrula cylindrica strigillata</i> (B.H.Wright, 1898).	U.S.A. (KY, TN, VA) .....	NA .....	E	602	NA	NA
Riffleshell, northern .....	<i>Epioblasma torulosa rangiana</i> .....	U.S.A. (IL, IN, KY, MI, OH, PA, WV), Canada (Ont.)	NA .....	E	488	NA	NA
Riffleshell, tan .....	<i>Epioblasma walkeri</i> .....	U.S.A. (KY, TN, VA) .....	NA .....	E	27	NA	NA
Rock-pocketbook, Ouachita (=Wheeler's pearly mussel).	<i>Arkansia (=Arcidens) wheeleri</i> .....	U.S.A. (AR, OK) .....	NA .....	E	446	NA	NA
Spinymussel, James River (=Virginia) .	<i>Pleurobema (=Fusconaia, =Elliptio, =Canthyra) collina</i> .	U.S.A. (VA, WV) .....	NA .....	E	316	NA	NA
Spinymussel, Tar River .....	<i>Elliptio (Canthyria) steinstansana</i> .....	U.S.A. (NC) .....	NA .....	E	188	NA	NA
Stirrupshell .....	<i>Quadrula stapes</i> .....	U.S.A. (AL, MS) .....	NA .....	E	262	NA	NA
SNAILS							
Ambersnail, Kanab .....	<i>Oxyloma haydeni kanabensis</i> .....	U.S.A. (AZ, UT) .....	NA .....	E	431E, 459, 477	NA	NA
Limpet, Banbury Springs .....	<i>Lanx</i> sp. ....	U.S.A. (ID) .....	NA .....	E	485	NA	NA
Marstonia (snail), royal (=obese) .....	<i>Pyrgulopsis (=Marstonia) ogmoraphe</i> .....	U.S.A. (TN) .....	NA .....	E	538	NA	NA
Riversnail, Anthony's .....	<i>Athearnia anthonyi</i> .....	U.S.A. (AL, GA, TN) .....	NA .....	E	538	NA	NA
Shagreen, Magazine Mountain .....	<i>Mesodon magazinensis</i> .....	U.S.A. (AR) .....	NA .....	T	348	NA	NA
Snail, Bliss Rapids .....	<i>Taylorconcha serpenticola</i> .....	U.S.A. (ID) .....	NA .....	T	485	NA	NA
Snail, Chittenango ovate amber .....	<i>Succinea chittenangoensis</i> .....	U.S.A. (NY) .....	NA .....	T	41	NA	NA
Snail, flat-spined three-toothed .....	<i>Triodopsis platysayoides</i> .....	U.S.A. (WV) .....	NA .....	T	41	NA	NA
Snail, Iowa Pleistocene .....	<i>Discus macclintocki</i> .....	U.S.A. (IA, IL) .....	NA .....	E	41	NA	NA
Snail, Manus Island tree .....	<i>Papustyla pulcherrima</i> .....	Pacific Ocean—Admiralty Is. (Manus Is.).	NA .....	E	3	NA	NA
Snail, Morro shoulderband (=Banded dune).	<i>Helminthoglypta walkeriana</i> .....	U.S.A. (CA) .....	NA .....	E	567	NA	NA
Snail, noonday .....	<i>Mesodon clarki nantahala</i> .....	U.S.A. (NC) .....	NA .....	T	41	NA	NA
Snail, painted snake coiled forest .....	<i>Anguispira picta</i> .....	U.S.A. (TN) .....	NA .....	T	41	NA	NA
Snail, Snake River physa .....	<i>Physa natricina</i> .....	U.S.A. (ID) .....	NA .....	E	485	NA	NA
Snail, Stock Island tree .....	<i>Orthalicus reses</i> (not incl. <i>nesodryas</i> )	U.S.A. (FL) .....	NA .....	T	41	NA	NA
Snail, tulotoma (=Alabama live-bearing).	<i>Tulotoma magnifica</i> .....	U.S.A. (AL) .....	NA .....	E	412	NA	NA
Snail, Utah valvata .....	<i>Valvata utahensis</i> .....	U.S.A. (ID) .....	NA .....	E	485	NA	NA
Snail, Virginia fringed mountain .....	<i>Polygyriscus virginianus</i> .....	U.S.A. (VA) .....	NA .....	E	41	NA	NA
Snails, Oahu tree .....	<i>Achatinella</i> spp. ....	U.S.A. (HI) .....	NA .....	E	108, 112	NA	NA
Springsnail, Alamosa .....	<i>Tryonia alamosae</i> .....	U.S.A. (NM) .....	NA .....	E	442	NA	NA
Springsnail, Bruneau Hot .....	<i>Pyrgulopsis bruneauensis</i> .....	U.S.A. (ID) .....	NA .....	E	489	NA	NA
Springsnail, Idaho .....	<i>Fontelicella idahoensis</i> .....	.....do .....	NA .....	E	485	NA	NA

Springsnail, Socorro .....	<i>Pyrgulopsis neomexicana</i> .....	U.S.A. (NM) .....	NA .....	E	442	NA	NA
INSECTS							
Beetle, American burying (=giant carion).	<i>Nicrophorus americanus</i> .....	U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada.	NA .....	E	351	NA	NA
Beetle, Coffin Cave mold .....	<i>Batrissodes texanus</i> .....	U.S.A. (TX) .....	NA .....	E	327, 513	NA	NA
Beetle, delta green ground .....	<i>Elaphrus viridis</i> .....	U.S.A. (CA) .....	NA .....	T	100	17.95(i)	NA
Beetle, Hungerford's crawling water .....	<i>Brychius hungerfordi</i> .....	U.S.A. (MI, Canada) .....	NA .....	E	533	NA	NA
Beetle, Kretschmarr Cave mold .....	<i>Texamaurops reddelli</i> .....	U.S.A. (TX) .....	NA .....	E	327, 513	NA	NA
+ Beetle, Mount Hermon June .....	<i>Polyphylla barbata</i> .....	U.S.A. (CA) .....	NA .....	E	605	NA	NA
Beetle, northeastern beach tiger .....	<i>Cicindela dorsalis dorsalis</i> .....	U.S.A. (CT, MA, MD, NJ, NY, PA, RI, VA).	NA .....	T	396	NA	NA
Beetle, Puritan tiger .....	<i>Cicindela puritana</i> .....	U.S.A. (CT, MA, MD, NH, VT) .....	NA .....	T	396	NA	NA
Beetle, Tooth Cave ground .....	<i>Rhadine persephone</i> .....	U.S.A. (TX) .....	NA .....	E	327	NA	NA
Beetle, valley elderberry longhorn .....	<i>Desmocerus californicus dimorphus</i> ..	U.S.A. (CA) .....	NA .....	T	99	17.95(i)	NA
Butterfly, bay checkerspot .....	<i>Euphydryas editha bayensis</i> .....	.....do .....	NA .....	T	288	NA	NA
Butterfly, Corsican swallowtail .....	<i>Papilio hospiton</i> .....	Corsica, Sardinia .....	NA .....	E	486	NA	NA
Butterfly, El Segundo blue .....	<i>Euphilotes (=Shijimiaeoides) battoides allyni</i> .	U.S.A. (CA) .....	NA .....	E	14	NA	NA
Butterfly, Homerus swallowtail .....	<i>Papilio homerus</i> .....	Jamaica .....	NA .....	E	486	NA	NA
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	484	NA	NA
Butterfly, Lange's metalmark .....	<i>Apodemia mormo langei</i> .....	U.S.A. (CA) .....	NA .....	E	14	NA	NA
Butterfly, lotis blue .....	<i>Lycaeides argyrognomon lotis</i> .....	.....do .....	NA .....	E	14	NA	NA
Butterfly, Luzon peacock swallowtail ...	<i>Papilio chikae</i> .....	Philippines .....	NA .....	E	486	NA	NA
Butterfly, mission blue .....	<i>Icaricia icarioides missionensis</i> .....	U.S.A. (CA) .....	NA .....	E	14	NA	NA
Butterfly, Mitchell's satyr .....	<i>Neonympha mitchellii mitchellii</i> .....	U.S.A. (IN, MI, NJ, OH) .....	NA .....	E	428E, 469	NA	NA
Butterfly, Myrtle's silverspot .....	<i>Speyeria zerene myrtleae</i> .....	U.S.A. (CA) .....	NA .....	E	472	NA	NA
Butterfly, Oregon silverspot .....	<i>Speyeria zerene hippolyta</i> .....	U.S.A. (CA, OR, WA) .....	NA .....	T	95	17.95(i)	NA
Butterfly, Palos Verdes blue .....	<i>Glaucopsyche lygdamus palosverdesensis</i> .	U.S.A. (CA) .....	NA .....	E	96	17.95(i)	NA
Butterfly, Queen Alexandra's birdwing	<i>Troides (=Ornithoptera) alexandrae</i> ...	Papua New Guinea .....	NA .....	E	364	NA	NA
+ Butterfly, Quino checkerspot .....	<i>Euphydryas editha quino (=E. e. wrighti)</i> .	U.S.A. (CA), Mexico) .....	NA .....	E	604	NA	NA
Butterfly, Saint Francis' satyr .....	<i>Neonympha mitchellii francisci</i> .....	U.S.A. (NC) .....	NA .....	E	539E, 574	NA	NA
Butterfly, San Bruno elfin .....	<i>Callophrys mossii bayensis</i> .....	U.S.A. (CA) .....	NA .....	E	14	NA	NA
Butterfly, Schaus swallowtail .....	<i>Heraclides (=Papilio) aristodemus ponceanus</i> .	U.S.A. (FL) .....	NA .....	E	13, 159	NA	NA
Butterfly, Smith's blue .....	<i>Euphilotes (=Shijimiaeoides) enoptes smithi</i> .	U.S.A. (CA) .....	NA .....	E	14	NA	NA
Butterfly, Uncompahgre fritillary .....	<i>Boloria acrocynema</i> .....	U.S.A. (CO) .....	NA .....	E	427	NA	NA
Dragonfly, Hine's (=Ohio) emerald .....	<i>Somatochlora hineana</i> .....	U.S.A. (IL, IN, OH, WI) .....	NA .....	E	573	NA	NA
Fly, Delhi Sands flower-loving .....	<i>Rhaphiomidas terminatus abdominalis</i> .	U.S.A. (CA) .....	NA .....	E	517	NA	NA
+ Grasshopper, Zayante band-winged ...	<i>Trimerotropis infantilis</i> .....	.....do .....	NA .....	E	605	NA	NA
Moth, Kern primrose sphinx .....	<i>Euproserpinus euterpe</i> .....	.....do .....	NA .....	T	91	NA	NA
Naucorid, Ash Meadows .....	<i>Ambrysus amargosus</i> .....	U.S.A. (NV) .....	NA .....	T	181	17.95(i)	NA
+ Skipper, Laguna Mountains .....	<i>Pyrgus ruralis lagunae</i> .....	U.S.A. (CA) .....	NA .....	E	604	NA	NA
Skipper, Pawnee montane .....	<i>Hesperia leonardus (=pawnee) montana</i> .	U.S.A. (CO) .....	NA .....	T	289	NA	NA
ARACHNIDS							
Harvestman, Bee Creek Cave .....	<i>Texella reddelli</i> .....	U.S.A. (TX) .....	NA .....	E	327, 513	NA	NA
Harvestman, Bone Cave .....	<i>Texella reyesi</i> .....	.....do .....	NA .....	E	327, 513	NA	NA
Pseudoscorpion, Tooth Cave .....	<i>Tartarocreagris (=Microcreagris) texana</i> .	.....do .....	NA .....	E	327	NA	NA
Spider, spruce-fir moss .....	<i>Microhexura montivaga</i> .....	U.S.A. (NC, TN) .....	NA .....	E	576	NA	NA

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
Spider, Tooth Cave .....	<i>Neoleptoneta (=Leptoneta) myopica</i> ..	U.S.A. (TX) .....	NA .....	E	327	NA	NA
CRUSTACEANS							
Amphipod, Hay's Spring .....	<i>Stygobromus hayi</i> .....	U.S.A. (DC) .....	NA .....	E	115	NA	NA
Crayfish, cave [no common name] .....	<i>Cambarus aculabrum</i> .....	U.S.A. (AR) .....	NA .....	E	499	NA	NA
Do .....	<i>Cambarus zophonastes</i> .....	.....do .....	NA .....	E	263	NA	NA
Crayfish, Nashville .....	<i>Orconectes shoupi</i> .....	U.S.A. (TN) .....	NA .....	E	242	NA	NA
Crayfish, Shasta (=placid) .....	<i>Pacifastacus fortis</i> .....	U.S.A. (CA) .....	NA .....	E	337	NA	NA
Fairy shrimp, Conservancy .....	<i>Branchinecta conservatio</i> .....	.....do .....	NA .....	E	552	NA	NA
Fairy shrimp, longhorn .....	<i>Branchinecta longiantenna</i> .....	.....do .....	NA .....	E	552	NA	NA
Fairy shrimp, riverside .....	<i>Streptocephalus woottoni</i> .....	.....do .....	NA .....	E	512	NA	NA
Fairy shrimp, vernal pool .....	<i>Branchinecta lynchi</i> .....	.....do .....	NA .....	T	552	NA	NA
+ Fairy shrimp, San Diego .....	<i>Branchinecta sandiegoensis</i> .....	.....do .....	NA .....	E	608	NA	NA
Isopod, Lee County cave .....	<i>Lirceus usdagalun</i> .....	U.S.A. (VA) .....	NA .....	E	483	NA	NA
Isopod, Madison Cave .....	<i>Antrolana lira</i> .....	.....do .....	NA .....	T	123	NA	17.46(a)
Isopod, Socorro .....	<i>Thermosphaeroma (=Exosphaeroma) thermophilus</i> .	U.S.A. (NM) .....	NA .....	E	36	NA	NA
Shrimp, Alabama cave .....	<i>Palaemonias alabamae</i> .....	U.S.A. (AL) .....	NA .....	E	323	NA	NA
Shrimp, California freshwater .....	<i>Syncaris pacifica</i> .....	U.S.A. (CA) .....	NA .....	E	340	NA	NA
Shrimp, Kentucky cave .....	<i>Palaemonias ganteri</i> .....	U.S.A. (KY) .....	NA .....	E	135	17.95(h)	NA
Shrimp, Squirrel Chimney Cave (=Florida cave).	<i>Palaemonetes cummingi</i> .....	U.S.A. (FL) .....	NA .....	T	390	NA	NA
Tadpole shrimp, vernal pool .....	<i>Lepidurus packardi</i> .....	U.S.A. (CA) .....	NA .....	E	552	NA	NA

Symbols used in the four left columns:

“ Do...” or “.....do...”—(Ditto) indicates the entry is the same as the column entry directly above.

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.  
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