

Chapter NR 27

ENDANGERED AND THREATENED SPECIES

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Note: Chapter NR 27 as it existed on September 30, 1979 was repealed and a new chapter NR 27 was created effective October 1, 1979.

**NR 27.01 Definitions.** As used in this chapter:

- (1) "Department" means the Wisconsin department of natural resources.
- (2) "Department list" means the U.S. list of endangered and threatened foreign and native species, and the Wisconsin list of endangered and threatened species.
- (3) "Educational purposes", as used in s. 29.415, Stats., means the use of endangered or threatened species for public displays, public presentations or classes for the purpose of educating viewers or an audience about endangered species, and in the case of endangered and threatened plants, for demonstration plantings.
- (4) "ENS" means the Office of Endangered and Nongame Species, Department of Natural Resources, Box 7921, Madison, WI 53707.
- (5) "Process", as used in s. 29.415, Stats., as it pertains to wild plants, means the collection or removal of wild plants or plant parts from their native habitat for the purpose of propagation or introduction to a different property, or for the purpose of introducing wild plants from a different site to enhance existing populations of an endangered or threatened species, or for any other use.
- (6) "Propagation for preservation purposes", as used in s. 29.415, Stats., means the care, nurturing and breeding of endangered or threatened taxa of wild plants or wild animals for the enhancement of existing naturally occurring populations of endangered or threatened plants or animals, or for the development of new populations in areas where they are likely to be protected and

have sufficient habitat that they can increase in abundance and contribute to the survival of the species' gene pool over time.

(7) "Scientific purposes", as used in s. 29.415, Stats., means the use of endangered or threatened plants or animals for scientific research or inventories leading to increased scientific knowledge contributing to the well-being of those wild plant or wild animal species and their habitats.

(8) "Take" means shooting, shooting at, pursuing, hunting, catching or killing any wild animal; or the cutting, rooting up, severing, injuring, destroying, removing, or carrying away any wild plant.

(9) "Wild plant", as used in s. 29.415, Stats., and in this chapter, means any plant or plant part of any undomesticated taxa of the plant kingdom which is native to a natural ecosystem in Wisconsin, including individuals of these species when located outside of their natural environment.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79; renum (3) and (4) to be (4) and (8), cr. (3), (5) to (7) and (9), Register, April, 1993, No. 448, eff. 5-1-93.

**NR 27.02 Scope and applicability.** This chapter contains rules necessary to implement s. 29.415, Stats., and operate in conjunction with that statute to govern the taking, transportation, possession, processing or sale of any wild animal or wild plant specified by the department's lists of endangered and threatened wild animals and wild plants.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79.

**NR 27.03 Department list.** (1) U.S. foreign and native endangered and threatened species list.

Common name	Scientific name	Historic range	Vertebrate population where endangered or threatened	Status
(a) MAMMALS				
1. Anoa	<i>Bubalus anoa depressicornis</i>	Indonesia	Entire	E
2. Anoa	<i>Bubalus anoa quarlesi</i>	do	do	E
3. Anteater, scaly	<i>Manis temmincki</i>	Africa	do	E
4. Antelope, bontebok	<i>Damaliscus dorcas dorcas</i>	South Africa	do	E
5. Antelope, giant sable	<i>Hippotragus niger variati</i>	Angola	do	E
6. Antelope, Mongolian saiga	<i>Saiga tatarica mongolica</i>	Mongolia	do	E
7. Argali	<i>Ovis ammon hodgsoni</i>	China (Tibet)	do	E
8. Armadillo, giant	<i>Priodontes maximus</i> (= <i>giganteus</i> )	Venezuela and Guyanato Argentina	do	E
9. Armadillo, pink fairy	<i>Chlamyphorus truncatus</i>	Argentina	do	E
10. Ass, African wild	<i>Equus africanus</i> (= <i>asinus</i> )	Somalia, Sudan, Ethiopia	do	E
11. Ass, Asian wild	<i>Equus hemionus</i>	Southwestern and Central Asia	do	E
12. Avahis	<i>Avahi spp. (all species)</i>	Malagasy Republic (=Madagascar)	do	E
13. Aye-Aye	<i>Daubentonia madagascariensis</i>	Malagasy Republic (=Madagascar)	do	E
14. Babiroussa	<i>Babyrousa babyrousa</i>	Indonesia	do	E
15. Bandicoot, barred	<i>Perameles bougainville</i>	Australia	do	E
16. Bandicoot, desert	<i>Perameles eremiana</i>	do	do	E
17. Bandicoot, lesser rabbit	<i>Macrotis leucura</i>	do	do	E
18. Bandicoot, pig-footed	<i>Chaeropus ecaudatus</i>	do	do	E
19. Bandicoot, rabbit	<i>Macrotis lagotis</i>	do	do	E
20. Banteng	<i>Bos javanicus</i> (= <i>banteng</i> )	Southeast Asia	do	E
21. Bat, gray	<i>Myotis grisescens</i>	Central and Southeast U.S.A.	do	E

22.	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	U.S.A. (Hawaii)	do	E
23.	Bat, Indiana	<i>Myotis sodalis</i>	East and Midwestern U.S.A.	do	E
24.	Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	U.S.A. (MO, OK, AR)	do	E
25.	Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	U.S.A. (KY, WV, VA)	do	E
26.	Bear, brown	<i>Ursus arctos pruinosus</i>	China (Tibet)	do	E
27.	Bear, brown	<i>Ursus arctos arctos</i>	Palaearctic	Italy	E
28.	Bear, brown or grizzly	<i>Ursus arctos horribilis</i>	Canada, Western U.S.A.	U.S.A.-48 conterminous States	T
29.	Bear, Mexican grizzly	<i>Ursus arctos nelsoni</i>	Mexico	Entire	E
30.	Beaver	<i>Castor fiber birulai</i>	Mongolia	do	E
31.	Bison, wood	<i>Bison bison athabasca</i>	Canada, Northwest U.S.A.	Canada	E
32.	Bobcat	<i>Felis rufus escuinape</i>	Central Mexico	Entire	E
33.	Camel, Bactrian	<i>Camelus ferus (=bactrianus)</i>	Mongolia, China	do	E
34.	Cat, Andean	<i>Felis jacobita</i>	Chile, Peru, Bolivia, Argentina	do	E
35.	Cat, black-footed	<i>Felis nigripes</i>	Southern Africa	do	E
36.	Cat, flat-headed	<i>Felis planiceps</i>	Malaysia	do	E
37.	Cat, Iriomote	<i>Felis (=Mayailurus) iriomotensis</i>	Japan (Iriomote Island, Ryukyu Island)	do	E
38.	Cat, leopard	<i>Felis bengalensis bengalensis</i>	Eastern Asia	do	E
39.	Cat, marbled	<i>Felis marmorata</i>	Nepal, Malaysia, Burma, Indonesia	do	E
40.	Cat, Temminck's	<i>Felis temmincki</i>	China (Tibet), Malaysia, Indonesia (Sumatra)	do	E
41.	Cat, tiger	<i>Felis tigrina</i>	Costa Rica to Northern South America	do	E
42.	Chamois, Apennine	<i>Rupicapra rupicapra ornata</i>	Italy	do	E
43.	Cheetah	<i>Acinonyx jubatus</i>	Africa to India	do	E
44.	Chimpanzee	<i>Pan troglodytes</i>	West and Central Africa	do	T
45.	Chimpanzee, pigmy	<i>Pan paniscus</i>	Zaire	do	T
46.	Chinchilla	<i>Chinchilla brevicaudata boliviana</i>	Bolivia	do	E
47.	Civet, Malabar large-spotted	<i>Viverra megaspila civettina</i>	India	do	E
48.	Colobus, black	<i>Colobus satanas</i>	Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon	do	E
49.	Colobus, Tana River red	<i>Colobus badius rufomitratus</i>	Kenya	do	E
50.	Colobus, Zanzibar red	<i>Colobus kirkii</i>	Tanzania	do	E
51.	Cougar, eastern	<i>Felis concolor cougar</i>	Eastern North America	do	E
52.	Deer, Bactrian	<i>Cervus elaphus bactrianus</i>	U.S.S.R., Afghanistan	do	E
53.	Deer, Bawean	<i>Axis porcinus kuhli</i>	Indonesia	do	E
54.	Deer, Barbary	<i>Cervus elaphus barbarus</i>	Morocco, Tunisia, Algeria	do	E
55.	Deer, Cedros Island mule	<i>Odocoileus hemionus cedronensis</i>	Mexico (Cedros Island)	do	E
56.	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	U.S.A. (WA, OR)	do	E
57.	Deer, Corsican red	<i>Cervus elaphus corsicanus</i>	Corsica, Sardinia	do	E
58.	Deer, Eld's brow-antlered	<i>Cervus eldi</i>	India to Southeast Asia	do	E
59.	Deer, hog	<i>Axis (=Cervus) porcinus annamiticus</i>	Thailand, Indochina	do	E
60.	Deer, key	<i>Odocoileus virginianus clavium</i>	U.S.A. (southern FL)	do	E
61.	Deer, marsh	<i>Blastocerus dichotomus</i>	Argentina, Uruguay, Paraguay, Brazil	do	E
62.	Deer, McNeill's	<i>Cervus elaphus macneilli</i>	China (Sinkiang, Tibet)	do	E
63.	Deer, musk	<i>Moschus moschiferus moschiferus</i>	South-central Asia	do	E
64.	Deer, pampas	<i>Ozotoceros bezoarticus</i>	Brazil, Argentina, Uruguay, Paraguay	do	E
65.	Deer, Persian fallow	<i>Dama dama mesopotamica</i>	Iraq, Iran	do	E
66.	Deer, Philippine	<i>Axis calamianensis</i>	Philippines (Calamian Islands)	do	E
67.	Deer, swamp	<i>Cervus duvauceli</i>	India, Nepal	do	E
68.	Deer, Yarkand	<i>Cervus elaphus yarkandensis</i>	China (Sinkiang)	do	E
69.	Dibbler	<i>Antechinus apicalis</i>	Australia	do	E
70.	Dog, Asiatic wild (=Dhole)	<i>Cuon alpinus</i>	U.S.S.R., Korea, China, India, Southeast Asia	do	E
71.	Drill	<i>Papio leucophaeus</i>	Equatorial West Africa	do	E
72.	Dugong	<i>Dugong dugon</i>	East Africa to southern Japan including U.S.A. (Trust Territories)	do	E
73.	Duiker, Jentink's	<i>Cephalophus jentinki</i>	Sierra Leone, Liberia, Ivory Coast	do	E
74.	Eland, Western giant	<i>Taurotragus derbianus derbianus</i>	Senegal to Ivory Coast	do	E
75.	Elephant, African	<i>Loxodonta africana</i>	Africa	do	T
76.	Elephant, Asian	<i>Elephas maximus</i>	South-central and Southeast Asia	do	E
77.	Ferret, black-footed	<i>Mustela nigripes</i>	Western U.S.A., Western Canada	do	E
78.	Forester, Tasmanian (kangaroo)	<i>Macropus giganteus-tasmaniensis</i>	Australia (Tasmania)	do	E

79.	Fox, Northern swift	<i>Vulpes velox hebes</i>	U.S.A. (northern plains), Canada	Canada	E
80.	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	U.S.A. (California)	Entire	E
81.	Fox, Simien	<i>Canis (=Simia) simensis</i>	Ethiopia	do	E
82.	Gazelle, Clark's (=Dibatag)	<i>Ammodorcas clarkei</i>	Somalia, Ethiopia	do	E
83.	Gazelle, Cuvier's	<i>Gazella cuvieri</i>	Morocco, Tunisia	do	E
84.	Gazelle, Mhor	<i>Gazella dama mhor</i>	Morocco	do	E
85.	Gazelle, Moroccan (=Dorcas)	<i>Gazella dorcas massaesyala</i>	Morocco, Algeria	do	E
86.	Gazelle, Rio de Oro Dama	<i>Gazella dama lozanoi</i>	Spanish Sahara	do	E
87.	Gazelle, Arabian	<i>Gazella gazella</i>	Arabian Peninsula including Israel	do	E
88.	Gazelle, Sand	<i>Gazella subgutterosa marica</i>	Jordan, Arabian Peninsula	do	E
89.	Gazelle, Saudi Arabian	<i>Gazella dorcas saudiya</i>	Israel, Iraq, Jordan, Syria, Saudi Arabia, Kuwait	do	E
90.	Gazelle, Pelzeln's	<i>Gazella dorcas pelzelni</i>	Somalia	do	E
91.	Gazelle, slender-horned (=Rhim)	<i>Gazella leptoceros</i>	Sudan, Egypt, Algeria, Libya	do	E
92.	Gelada (baboon)	<i>Theropithecus gelada</i>	Northern Ethiopia	do	T
93.	Gibbons	<i>Hylobates spp. (including Nomascus)</i>	China, India, southeastern Asia	do	E
94.	Goral	<i>Nemorhaedus goral</i>	East Asia	do	E
95.	Gorilla	<i>Gorilla gorilla</i>	Central and Western Africa	do	E
96.	Hare, hispid	<i>Caprolagus hispidus</i>	India, Nepal, Bhutan	do	E
97.	Hartebeest, Swayne's	<i>Alcelaphus buselaphus swaynei</i>	Ethiopia, Somalia	do	E
98.	Hartebeest, Tora	<i>Alcelaphus buselaphus tora</i>	Ethiopia, Sudan, Egypt	do	E
99.	Hog, pigmy	<i>Sus salvanius</i>	India, Nepal, Bhutan, Sikkim	do	E
100.	Horse, Przewalski's	<i>Equus przewalskii</i>	Mongolia	do	E
101.	Huemul, North Andean	<i>Hippocamelus antisienis</i>	Ecuador, Peru, Chile, Bolivia, Argentina	do	E
102.	Huemul, South Andean	<i>Hippocamelus bisulcus</i>	Chile, Argentina	do	E
103.	Hyena, Barbary	<i>Hyaena hyaena barbara</i>	Morocco	do	E
104.	Hyena, brown	<i>Hyaena brunnea</i>	Southern Africa	do	E
105.	Ibex, Pyrenean	<i>Capra pyrenaica pyrenaica</i>	Spain	do	E
106.	Ibex, Walia	<i>Capra walie</i>	Ethiopia	do	E
107.	Impala, black-faced	<i>Aepyceros melampus petersi</i>	Southwest Africa, Namibia, Angola	do	E
108.	Indris	<i>Indri spp. (all species)</i>	Malagasy Republic (=Madagascar), Comoro Island	do	E
109.	Jaguar	<i>Panthera onca</i>	U.S.A. (TX, NM, AZ), Central and South America	Mexico southward	E
110.	Jaguarundi cacomitli	<i>Felis yagouaroundi</i>	U.S.A. (TX), Mexico	Entire	E
111.	Jaguarundi	<i>Felis yagouaroundi fossata</i>	Mexico, Nicaragua	do	E
112.	Jaguarundi	<i>Felis yagouaroundi panamensis</i>	Nicaragua, Costa Rica, Panama	do	E
113.	Jaguarundi	<i>Felis yagouaroundi tolteca</i>	U.S.A. (AZ), Mexico	do	E
114.	Kangaroo, eastern gray (see also Forester, Tasmanian)	<i>Macropus giganteus (all subspecies except tasmaniensis)</i>	Australia	do	T
115.	Kangaroo, red	<i>Macropus (=Megaleia) rufus</i>	do	do	T
116.	Kangaroo, western gray	<i>Macropus fuliginosus</i>	do	do	T
117.	Kouprey	<i>Bos sauveli</i>	Vietnam, Laos, Cambodia, Thailand	do	E
118.	Langur, capped	<i>Presbytis pileatus</i>	India, Burma	do	E
119.	Langur, entellus	<i>Presbytis entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh	do	E
120.	Langur, Douc	<i>Pygathrix nemaus</i>	Cambodia, Laos, China, Vietnam	do	E
121.	Langur, golden	<i>Presbytis geei</i>	India (Assam), Bhutan	do	E
122.	Langur, long-tailed	<i>Presbytis potenziani</i>	Indonesia	do	T
123.	Langur, Pagi Island	<i>Nasalis (=Simias) concolor</i>	do	do	E
124.	Langur, purple-faced	<i>Presbytis senex</i>	Sri Lanka (=Ceylon)	do	T
125.	Lechwe, red	<i>Kobus leche</i>	Southern Africa	do	T
126.	Lemurs	<i>Lemuridae (incl. Cheirogaleidae, Lepilemuridae); all members of genera Lemur, Phaner, Hapalemur, Lepilemur, Microcebus, Allocebus, Cheirogaleus, Varecia</i>	Malagasy Republic (=Madagascar)	do	E
127.	Leopard	<i>Panthera pardus</i>	Africa, Southern and Eastern Asia	do	E
128.	Leopard, clouded	<i>Neofelis nebulosa</i>	Southeast and South-central Asia, Taiwan	do	E
129.	Leopard, snow	<i>Panthera uncia</i>	Central Asia	do	E
130.	Linsang, spotted	<i>Prionodon pardicolor</i>	Nepal, Assam, Vietnam, Cambodia, Laos, Burma	do	E
131.	Lion, Asiatic	<i>Panthera leo persica</i>	Turkey to India	do	E

132.	Loris, lesser slow	<i>Nycticebus pygmaeus</i>	Indochina	do	T
133.	Lynx, Spanish	<i>Felis lynx pardina</i>	Spain	do	E
134.	Macaque, Formosan rock	<i>Macaca cyclopis</i>	Taiwan	do	T
135.	Macaque, Japanese	<i>Macaca fuscata</i>	Japan (Shikoku, Kyushu and Honshu Island)	do	T
136.	Macaque, lion-tailed	<i>Macaca silenus</i>	India	do	E
137.	Macaque, stump-tailed	<i>Macaca arctoides</i>	India (Assam) to southern China	do	I
138.	Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka (=Ceylon)	do	I
139.	Manatee, Amazonian	<i>Trichechus inunguis</i>	South America; Amazon River Basin	do	E
140.	Manatee, West African	<i>Trichechus senegalensis</i>	West Coast of Africa from Senegal River Cuanza River	do	I
141.	Manatee, West Indian (Florida)	<i>Trichechus manatus</i>	U.S.A. (southeastern) Caribbean Sea, South America	do	E
142.	Mandrill	<i>Papio sphinx</i>	Equatorial West Africa	do	E
143.	Mangabey, Tana River	<i>Cercocebus galeritus</i>	Kenya	do	E
144.	Mangabey, white-collared	<i>Cercocebus torquatus</i>	Senegal to Ghana; Nigeria to Gabon	do	E
145.	Margay	<i>Felis wiedii</i>	U.S.A. (NM, AZ), Central and South America	Mexico southward	E
146.	Markhor, Chiltan	<i>Capra falconeri chiltanensis</i>	Pakistan	Entire	E
147.	Markhor, Kabal	<i>Capra falconeri megaceros</i>	Afghanistan, Pakistan	do	E
148.	Markhor, straight-horned	<i>Capra falconeri jerdoni</i>	Pakistan, Afghanistan	do	E
149.	Marmoset, cotton-top	<i>Saguinus oedipus</i>	Colombia	do	E
150.	Marmoset, Goeldi's	<i>Callimico goeldi</i>	Brazil, Colombia, Ecuador, Peru	do	E
151.	Marsupial, eastern jerboa	<i>Antechinomys laniger</i>	Australia	do	E
152.	Marsupial-mouse large desert	<i>Sminthopsis psammophila</i>	do	do	E
153.	Marsupial-mouse, long-tailed	<i>Sminthopsis longicaudata</i>	do	do	E
154.	Marten, Formosan yellow- throated	<i>Martes flavigula chrysocephala</i>	Taiwan	do	E
155.	Monkey, black howler	<i>Alouatta pigra</i>	Mexico, Guatemala, Belize	do	T
156.	Monkey Diana	<i>Cercopithecus diana</i>	Coastal West Africa	do	E
157.	Monkey, Francois' leaf	<i>Presbytis francoisi</i>	China (Kwangsi), Indochina	do	E
158.	Monkey, howler	<i>Alouatta villosa</i>	Mexico to South America	do	E
159.	Monkey, Lhoest's	<i>Cercopithecus lhoesti</i>	Upper Eastern Congo Basin, Cameroon	do	E
160.	Monkey, proboscis	<i>Nasalis larvatus</i>	Borneo	do	E
161.	Monkey, red-backed squirrel	<i>Saimiri oerstedii</i>	Costa Rica, Panama	do	E
162.	Monkey, red-bellied	<i>Cercopithecus erythrogaster</i>	Western Nigeria	do	E
163.	Monkey, red-eared nose- spotted	<i>Cercopithecus erythrotis</i>	Nigeria, Cameroon, Fernando Po	do	E
164.	Monkey, spider	<i>Ateles geoffroyi frontatus</i>	Costa Rica, Nicaragua	do	E
165.	Monkey, spider	<i>Ateles geoffroyi panamensis</i>	Costa Rica, Panama	do	E
166.	Monkey, Tonkin snub-nosed	<i>Pygathrix (=Rhinopithecus) avunculus</i>	Vietnam	do	T
167.	Monkey, woolly spider	<i>Brachyteles arachnoides</i>	Brazil	do	E
168.	Monkey, yellow-tailed woolly	<i>Lagothrix flavicauda</i>	Andes of northern Peru	do	E
169.	Mouse, Australian native	<i>Notomys pedunculatus</i>	Australia	do	E
170.	Mouse, Australian native	<i>Notomys aquilo</i>	do	do	E
171.	Mouse, Field's	<i>Pseudomys fieldi</i>	do	do	E
172.	Mouse, Gould's	<i>Pseudomys gouldii</i>	do	do	E
173.	Mouse, New Holland	<i>Pseudomys novaehollandiae</i>	do	do	E
174.	Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	U.S.A. (California)	do	E
175.	Mouse, Shark Bay	<i>Pseudomys praeconis</i>	Australia	do	E
176.	Mouse, Shortridge's	<i>Pseudomys shortridgei</i>	do	do	E
177.	Mouse, Smoky	<i>Pseudomys fumeus</i>	do	do	E
178.	Mouse, western	<i>Pseudomys occidentalis</i>	do	do	E
179.	Muntjac, Fea's	<i>Muntiacus feae</i>	Northern Thailand, Burma	do	E
180.	Native-cat, eastern	<i>Dasyurus viverrinus</i>	Australia	do	E
181.	Numbat	<i>Myrmecobius fasciatus</i>	do	do	E
182.	Ocelot	<i>Felis pardalis</i>	Southwest U.S.A., Central South America	Mexico southward	E
183.	Orangutan	<i>Pongo pygmaeus</i>	Borneo, Sumatra	Entire	E

184	Oryx, Arabian	<i>Oryx leucoryx</i>	Arabian Peninsula	do	E
185	Otter, Cameroon clawless	<i>Aonyx congica (=Paraonyx microdon)</i>	Cameroon	do	E
186	Otter, giant	<i>Pteronura brasiliensis</i>	South America	do	E
187	Otter, La Plata	<i>Lutra platensis</i>	Argentina, Bolivia, Uruguay, Brazil	do	E
188	Otter, long-tailed	<i>Lutra longicaudis</i>	South America	do	E
189	Otter, marine	<i>Lutra felina</i>	Peru, south to Straits of Magellan	do	E
190	Otter, southern river	<i>Lutra provocax</i>	Chile, Argentina	do	E
191	Otter, southern sea	<i>Enhydra lutris nereis</i>	West coast U.S.A. (WA) south to Mexico (Baja California)	do	T
192	Panther, Florida	<i>Felis concolor coryi</i>	U.S.A. (LA and AR east to SC and FL)	do	E
193	Planigale, little	<i>Planigale subtilissima</i>	Australia	do	E
194	Planigale, southern	<i>Planigale tenuirostris</i>	do	do	E
195	Porcupine, thin-spined	<i>Chaetomys subspinosus</i>	Brazil	do	E
196	Possum, mountain pigmy	<i>Burramys parvus</i>	Australia	do	E
197	Possum, scaly-tailed	<i>Wyulda squamicaudata</i>	do	do	E
198	Prairie dog, Mexican	<i>Cynomys mexicanus</i>	Mexico	do	E
199	Prairie dog, Utah	<i>Cynomys parvidens</i>	U.S.A. (Utah)	do	E
200	Pronghorn, peninsular	<i>Antilocapra americana peninsularis</i>	Mexico (Baja California)	do	E
201	Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	U.S.A. (AZ), Mexico	do	E
202	Pudu	<i>Pudu pudu</i>	Southern South America	do	E
203	Puma, Costa Rican	<i>Felis concolor costaricensis</i>	Nicaragua, Panama, Costa Rica	do	E
204	Quokka	<i>Setonix brachyurus</i>	Australia	do	E
205	Rabbit, Ryukyu	<i>Pentalogus furnesi</i>	Japan (Ryukyu Island)	do	E
206	Rabbit, volcano	<i>Romerolagus diazi</i>	Mexico	do	E
207	Rat, false water	<i>Xeromys myoides</i>	Australia	do	E
208	Rat, stick-nest	<i>Leporillus conditor</i>	do	do	E
209	Rat, Morro Bay kangaroo	<i>Dipodomys heermanni</i>	U.S.A. (California)	do	E
210	Rat-kangaroo, brush-tailed	<i>Bettongia penicillata</i>	Australia	do	E
211	Rat-kangaroo, Gaimard's	<i>Bettongia gaimardi</i>	do	do	E
212	Rat-kangaroo, Lesueur's	<i>Bettongia lesueur</i>	do	do	E
213	Rat-kangaroo, plain	<i>Caloprymnus campestris</i>	do	do	E
214	Rat-kangaroo, Queensland	<i>Bettongia tropica</i>	do	do	E
215	Rhinoceros, black	<i>Diceros bicornis</i>	Sub-Saharan Africa	Sub-Saharan Africa	E
216	Rhinoceros, great Indian	<i>Rhinoceros unicornis</i>	India, Nepal	Entire	E
217	Rhinoceros, Javan	<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia	do	E
218	Rhinoceros, northern white	<i>Ceratotherium simum cottoni</i>	Zaire, Sudan, Uganda, Central African Republic	do	E
219	Rhinoceros, Sumatran	<i>Dicerorhinus (=Didermoceros) sumatrensis</i>	Bangladesh to Vietnam to Indonesia (Borneo)	do	E
220	Saki, white-nosed	<i>Chiropotes albanus</i>	Brazil	do	E
221	Seal, Caribbean monk	<i>Monachus tropicalis</i>	Caribbean Sea, Gulf of Mexico	do	E
222	Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	Hawaiian Archipelago	do	E
223	Seal, Mediterranean monk	<i>Monachus monachus</i>	Mediterranean, Northwest African Coast and Black Sea	do	E
224	Seledang (=Gaur)	<i>Bos gaurus</i>	Bangladesh, Southeast Asia, India	do	E
225	Serow, Sumatran	<i>Capricornis sumatraensis</i>	Sumatra	do	E
226	Serval, Barbary	<i>Felis serval constantina</i>	Algeria	do	E
227	Shapo	<i>Ovis vignei</i>	Kashmir	do	E
228	Shou	<i>Cervus elaphus wallichi</i>	Tibet, Bhutan	do	E
229	Siamang	<i>Symphalangus syndactylus</i>	Malaysia, Indonesia	do	E
230	Sifakas	<i>Propithecus spp. (fall species)</i>	Malagasy Republic (=Madagascar)	do	E
231	Sika (deer), Formosan	<i>Cervus nippon taiouanus</i>	Taiwan	do	E
232	Sika (deer), North China	<i>Cervus nippon mandarinus</i>	China (Shantung and Chihli Provinces)	do	E
233	Sika (deer), Ryukyu	<i>Cervus nippon keramae</i>	Japan (Ryukyu Island)	do	E

234	Sika (deer), Shansi	<i>Cervus nippon grassianus</i>	China (Shansi Province)	do	E
235	Sika (deer), South China	<i>Cervus nippon kopschi</i>	Southern China	do	E
236	Sloth, Brazilian three-toed	<i>Bradypus torquatus</i>	Brazil	do	E
237	Solenodon, Cuban	<i>Atopogale cubana</i>	Cuba	do	E
238	Solenodon, Haitian	<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	do	E
239	Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	U.S.A. (DelMarVa Peninsula to Southeast PA)	do	E
240	Stag, Barbary	<i>Cervus elephus barbarus</i>	Tunisia, Algeria	do	E
241	Stag, Kashmir	<i>Cervus elephus hanglu</i>	Kashmir	do	E
242	Suni, Zanzibar	<i>Nesotragus moschatus moschatus</i>	Zanzibar (and neighboring states)	do	E
243	Tahr, Arabian	<i>Hemitragus jayakari</i>	Oman	do	E
244	Tamaraw	<i>Bubalus mindorensis</i>	Philippines	do	E
245	Tamarin, golden-rumped (=golden-headed Tamarin; =golden-lionMarmoset)	<i>Leontopithecus (=Leontideus) spp. (all species)</i>	Brazil	do	E
246	Tamarin, pied	<i>Saguinus bicolor</i>	Northern Brazil	do	E
247	Tamarin, white-footed	<i>Saguinus leucopus</i>	Northern Colombia	do	I
248	Tapir, Asian	<i>Tapirus indicus</i>	Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand	do	E
249	Tapir, Brazilian	<i>Tapirus terrestris</i>	Colombia and Venezuela south to Paraguay and Argentina	do	E
250	Tapir, Central American	<i>Tapirus bairdii</i>	Southern Mexico to Colombia and Ecuador	do	E
251	Tapir, mountain	<i>Tapirus pinchaque</i>	Colombia, Ecuador and possibly Peru and Venezuela	do	E
252	Tarsier, Philippine	<i>Tarsius syrichta</i>	Philippines	do	I
253	Tiger	<i>Panthera tigris</i>	Temperate and Tropical Asia	do	E
254	Tiger, Tasmanian (=Thylacine)	<i>Thylacinus cynocephalus</i>	Australia	do	E
255	Uakari (all species)	<i>Cacajao spp. (all species)</i>	Peru, Brazil, Ecuador, Colombia, Venezuela	do	E
256	Urial	<i>Ovis orientalis ophion</i>	Cyprus	do	E
257	Vicuna	<i>Vicugna vicugna</i>	South American Andes	do	E
258	Wallaby, banded hare	<i>Lagostrophus fasciatus</i>	Australia	do	E
259	Wallaby, brindled naitailed	<i>Onychogalea frenata</i>	do	do	E
260	Wallaby, crescent naitailed	<i>Onychogalea lunata</i>	do	do	E
261	Wallaby, Parma	<i>Macropus parma</i>	do	do	E
262	Wallaby, Western hare	<i>Lagorchestes hirsutus</i>	do	do	E
263	Wallaby, yellow-footed rock	<i>Petrogale xanthopus</i>	do	do	E
264	Whale, blue	<i>Balaenoptera musculus</i>	Oceanic	do	E
265	Whale, bowhead	<i>Balaena mysticetus</i>	Oceanic (north latitudes only)	do	E
266	Whale, finback	<i>Balaenoptera physalus</i>	Oceanic	do	E
267	Whale, gray	<i>Eschrichtius robustus</i>	North Pacific Ocean: coastal and Bering Sea	do	E
268	Whale, humpback	<i>Megaptera novaeangliae</i>	Oceanic	do	E
269	Whale, right	<i>Balaena glacialis</i>	do	do	E
270	Whale, Sei	<i>Balaenoptera borealis</i>	do	do	E
271	Whale, sperm	<i>Physeter catodon</i>	do	do	E
272	Wolf, gray	<i>Canis lupus</i>	Holarctic	U.S.A. (48 conterminous states other than MN), Mexico	E
273	Wolf, gray	<i>Canis lupus</i>	U.S.A. (MN)	do	I
274	Wolf, maned	<i>Chrysocyon brachyurus</i>	Argentina, Bolivia, Brazil, Paraguay, Uruguay	Entire	E
275	Wolf, red	<i>Canis rufus</i>	U.S.A. (southeast U.S.A. west to central TX)	do	E
276	Wombat, Barnard's	<i>Lasiorhinus barnardi</i>	Australia	do	E
277	Wombat, Queensland hairy-nosed	<i>Lasiorhinus gillespiei</i>	do	do	E
278	Yak, wild	<i>Bos grunniens mutus</i>	China (Tibet), India	do	E
279	Zebra, Grevy's	<i>Equus grevyi</i>	Kenya, Ethiopia, Sudan	do	T
280	Zebra, Hartmann's Mountain	<i>Equus zebra hartmannae</i>	Namibia	do	I
281	Zebra, mountain	<i>Equus zebra zebra</i>	South Africa	do	E
(b) BIRDS					
1.	Akepa, Hawaii (honeycreeper)	<i>Loxops coccinea coccinea</i>	U.S.A. (Hawaii)	do	E
2.	Akepa, Maui (honeycreeper)	<i>Loxops coccinea ochracea</i>	do	do	E

3	Akialoa, Kauai (honeycreeper)	<i>Hemignathus procerus</i>	do	do	E
4	Akipolaau (honeycreeper)	<i>Hemignathus wilsoni</i>	do	do	E
5	Albatross, short-tailed	<i>Diomedea albatrus</i>	North Pacific Ocean: Japan, U.S.S.R., U.S.A. (AK, CA, HA, OR, WA)	Entire, except U.S.A.	E
6	Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	U.S.A. (Puerto Rico)	Entire	E
7	Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	U.S.A. (Arizona), Mexico (Sonora)	do	E
8	Booby, Abbott's	<i>Sula abbotti</i>	Indian Ocean: Christmas Island	do	E
9	Bristlebird, western	<i>Dasyornis brachypterus longirostris</i>	Australia	do	I
10	Bristlebird, western rufous	<i>Dasyornis broadbenti littoralis</i>	do	do	E
11	Bulbul, Mauritius olivaceous	<i>Hypsipetes borbonicus olivaceus</i>	Mauritius	do	E
12	Bullfinch, Sao Miguel (finch)	<i>Pyrrhula pyrrhula murina</i>	Eastern Atlantic Ocean: Azores	do	E
13	Bushwren, New Zealand	<i>Xenicus longipes</i>	New Zealand	do	E
14	Bustard, great Indian	<i>Choriotis nigriceps</i>	India, Pakistan	do	E
15	Cahow (=Bermuda Petrel)	<i>Pterodroma cahow</i>	North Atlantic Ocean: Bermuda	do	E
16	Condor, Andean	<i>Vultur gryphus</i>	Colombia to Chile and Argentina	do	E
17	Condor, California	<i>Gymnogyps californianus</i>	U.S.A. (OR, CA), Mexico (Baja California)	do	E
18	Coot, Hawaiian	<i>Fulica americana alai</i>	U.S.A. (Hawaii)	do	E
19	Cotinga, banded	<i>Cotinga maculata</i>	Brazil	do	E
20	Cotinga, white-winged	<i>Xipholena atropurpurea</i>	do	do	E
21	Crane, black-necked	<i>Grus nigricollis</i>	China (Tibet)	do	E
22	Crane, Cuba sandhill	<i>Grus canadensis nesiotis</i>	West Indies: Cuba	do	E
23	Crane, hooded	<i>Grus monacha</i>	Japan, U.S.S.R.	do	E
24	Crane, Japanese	<i>Grus japonensis</i>	China, Japan, Korea, U.S.S.R.	do	E
25	Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	U.S.A. (Mississippi)	do	E
26	Crane, Siberian white	<i>Grus leucogeranus</i>	U.S.S.R. (Siberia) to India, including Iran and China	do	E
27	Crane, white-naped	<i>Grus vipio</i>	Mongolia	do	E
28	Crane, whooping	<i>Grus americana</i>	Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico	do	E
29	Creeper, Hawaii	<i>Loxops maculata mana</i>	U.S.A. (Hawaii)	do	E
30	Creeper, Molokai (=Kakawahie)	<i>Loxops maculata flammea</i>	do	do	E
31	Creeper, Oahu (=alauwahio)	<i>Loxops maculata maculata</i>	do	do	E
32	Crow, Hawaiian (=alala)	<i>Corvus tropicus</i>	do	do	E
33	Cuckoo-shrike, Mauritius	<i>Coquus (=Coracina) typicus</i>	Indian Ocean: Mauritius	do	E
34	Cuckoo-shrike, Reunion	<i>Coquus (=Coracina) newtoni</i>	Indian Ocean: Reunion	do	E
35	Curassow, razor-billed	<i>Mitu (=Crax) mitu mitu</i>	Brazil (Eastern)	do	E
36	Curassow, red-billed	<i>Crax blumenbachii</i>	Brazil	do	E
37	Curassow, Trinidad white-headed	<i>Pipile pipile pipile</i>	West Indies: Trinidad	do	E
38	Curllew, Eskimo	<i>Numenius borealis</i>	Alaska and northern Canada to Argentina	do	E
39	Dove, cloven-feathered	<i>Drepanoptila holosericea</i>	Southwest Pacific Ocean: New Caledonia	do	E
40	Dove, Grenada	<i>Leptotila wellsi</i>	West Indies: Grenada	do	E
41	Dove, Palau ground	<i>Gallinolumba canifrons</i>	West Pacific Ocean: U.S.A. (Palau Islands)	do	E
42	Duck, Hawaiian (=koloa)	<i>Anas wyvilliana</i>	U.S.A. (Hawaii)	do	E
43	Duck, Laysan	<i>Anas laysanensis</i>	do	do	E
44	Duck, pink-headed	<i>Rhodonessa caryophyllacea</i>	India	do	E
45	Duck, white-winged wood	<i>Cairina scutulata</i>	India, Malaysia, Indonesia, Thailand	do	E
46	Eagle, Greenland white-tailed	<i>Haliaeetus albicilla groenlandicus</i>	Greenland and adjacent Atlantic islands	do	E
47	Eagle, harpy	<i>Harpia harpyja</i>	Mexico south to Argentina	do	E
48	Eagle, Philippine (=monkey-eating)	<i>Pitheophaga jefferyi</i>	Philippines	do	E
49	Eagle, bald	<i>Haliaeetus leucocephalus</i>	North America south to northern Mexico	U.S.A. (conterminous States, except WA, OR, MN, WI, MI)	E
50	Eagle, bald	<i>Haliaeetus leucocephalus</i>	do	U.S.A. (WA, OR, MN, WI, MI)	T
51	Eagle, Spanish imperial	<i>Aquila heliaca adalberti</i>	Spain, Morocco, Algeria	Entire	E
52	Egret, Chinese	<i>Egretta eulophotes</i>	China, Korea	do	E
53	Falcon, American peregrine	<i>Falco peregrinus anatum</i>	Canada, U.S.A., Mexico	do	E
54	Falcon, Arctic peregrine	<i>Falco peregrinus tundrius</i>	Alaska to Greenland, south	do	E

			to Argentina		
55.	Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Europe, Eurasia south to Africa and Mid-east	do	E
56.	Finch, Laysan (honeycreeper)	<i>Telespyza (=Psittirostra) cantans</i>	U.S.A. (Hawaii)	do	E
57.	Finch, Nihoa (honeycreeper)	<i>Telespyza (=Psittirostra) ultima</i>	do	do	E
58.	Flycatcher, Euler's	<i>Empidonax euleri johnstonei</i>	West Indies: Grenada	do	E
59.	Flycatcher, Palau fantail	<i>Rhipidura lepida</i>	West Pacific Ocean: U.S.A. (Palau Islands)	do	E
60.	Flycatcher, Seychelles paradise	<i>Terpsiphone corvina</i>	Indian Ocean: Seychelles	do	E
61.	Flycatcher, Tahiti	<i>Pomarea nigra</i>	South Pacific Ocean: Tahiti	do	E
62.	Flycatcher, Tinian monarch	<i>Monarcha takatsukasae</i>	Western Pacific Ocean: U.S.A. (Marianas Islands)	do	E
63.	Fody, Seychelles (weaver-finch)	<i>Foudia sechellarum</i>	Indian Ocean: Seychelles	do	E
64.	Frigatebird, Andrew's	<i>Fregata andrewsi</i>	East Indian Ocean	do	E
65.	Gallinule, Hawaiian	<i>Gallinula chloropus sandvicensis</i>	U.S.A. (Hawaii)	do	E
66.	Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	Western U.S.A. (AK, CA, OR, WA), Japan	do	E
67.	Goose, Hawaiian (=nenc)	<i>Branta sandvicensis</i>	U.S.A. (Hawaii)	do	E
68.	Goshawk, Christmas Island	<i>Accipiter fascianus natalis</i>	Indian Ocean: Christmas Island	do	E
69.	Grackle, slender-billed	<i>Cassidix palustris</i>	Mexico	do	E
70.	Grasswren, Eyrean (flycatcher)	<i>Amytornis goyderi</i>	Australia	do	E
71.	Grebe, Atitlan	<i>Podilymbus gigas</i>	Guatemala	do	E
72.	Greenshank, Nordmann's	<i>Tringa guttifer</i>	U.S.S.R., Japan, south to Malaya, Borneo	do	E
73.	Guan, horned	<i>Oreophasis derbianus</i>	Guatemala, Mexico	do	E
74.	Gull, Audouin's	<i>Larus audouinii</i>	Mediterranean Sea	do	E
75.	Gull, relict	<i>Larus relictus</i>	India, China	do	E
76.	Hawk, Anjouan Island sparrow	<i>Accipiter francesii pusillus</i>	Indian Ocean: Comoro Islands	do	E
77.	Hawk, Galapagos	<i>Buteo galapagoensis</i>	Ecuador (Galapagos Island)	do	E
78.	Hawk, Hawaiian (=Io)	<i>Buteo solitarius</i>	U.S.A. (Hawaii)	do	E
79.	Hermit, hook-billed (hummingbird)	<i>Glaucis (=Ramphodon) dohrnii</i>	Brazil	do	E
80.	Honeycreeper, crested (=akohekohe)	<i>Palmeria dolei</i>	U.S.A. (Hawaii)	do	E
81.	Hornbill, helmeted	<i>Rhinoplax vigil</i>	Thailand, Malaysia	do	E
82.	Honeyeater, helmeted	<i>Meliphaga cassidix</i>	Australia	do	E
83.	Ibis, Japanese crested	<i>Nipponia nippon</i>	China, Japan, U.S.S.R., Korea	do	E
84.	Kagu	<i>Rhynchotus jubatus</i>	Southwestern Pacific Ocean: New Caledonia	do	E
85.	Kakapo (=owl-parrot)	<i>Strigops habroptilus</i>	New Zealand	do	E
86.	Kestrel, Mauritius	<i>Falco punctatus</i>	Indian Ocean: Mauritius	do	E
87.	Kestrel, Seychelles	<i>Falco araea</i>	Indian Ocean: Seychelles Islands	do	E
88.	Kite, Cuba hook-billed	<i>Chondrohierax uncinatus wilsonii</i>	West Indies: Cuba	do	E
89.	Kite, Grenada hook-billed	<i>Chondrohierax uncinatus mirus</i>	West Indies: Grenada	do	E
90.	Kite, Everglade (snail kite)	<i>Rostrhamus sociabilis plumbeus</i>	U.S.A. (Florida)	do	E
91.	Kokako (wattlebird)	<i>Callaeas cinerea</i>	New Zealand	do	E
92.	Macaw, glaucous	<i>Anodorhynchus glaucus</i>	Paraguay, Uruguay, Brazil	do	E
93.	Macaw, indigo	<i>Anodorhynchus leari</i>	Brazil	do	E
94.	Macaw, little blue	<i>Cyanopsitta spixii</i>	do	do	E
95.	Magpie-robin, Seychelles (thrush)	<i>Copsychus sechellarum</i>	Indian Ocean: Seychelles Islands	do	E
96.	Malkoha, red-faced (cuckoo)	<i>Phaenicophaeus pyrrhocephalus</i>	Sri Lanka (=Ceylon)	do	E
97.	Mallard, Marianas	<i>Anas oustaletii</i>	West Pacific Ocean: (Guam, Marianas Island)	do	E
98.	Megapode, La Pèrouse's	<i>Megapodius laperouse</i>	West Pacific Ocean: U.S.A. (Palau Island, Marianas Island)	do	E
99.	Megapode, Maleo	<i>Macrocephalon maleo</i>	Indonesia (Celebes)	do	E
100.	Millerbird, Nihoa (willow warbler)	<i>Acrocephalus familiaris kingi</i>	U.S.A. (Hawaii)	do	E
101.	Nukupuu (honeycreeper)	<i>Hemignathus lucidus</i>	do	do	E
102.	Oo, Kauai (=Oo Aa)	<i>Moho braccatus</i>	do	do	E



	(honeyeater)				
103.	Ostrich, Arabian	<i>Struthio camelus syriacus</i>	Jordan, Saudi Arabia	do	E
104.	Ostrich, West African	<i>Struthio camelus spatzi</i>	Spanish Sahara	do	E
105.	Ou (honeycreeper)	<i>Psittirostra psittacea</i>	U.S.A. (Hawaii)	do	E
106.	Owl, Anjouan scops	<i>Otus rutilus capnodes</i>	Indian Ocean: ComoroIsland	do	E
107.	Owl, giant scops	<i>Otus gurneyi</i>	Philippines: Marinduque and Mindanao Island	do	E
108.	Owl, Palau	<i>Otus podargina</i>	West Pacific Ocean: U.S.A. (Palau Islands)	do	E
109.	Owl, Seychelles	<i>Otus insularis</i>	Indian Ocean: Seychelles Island	do	E
110.	Owlet, Mr. Morden's	<i>Otus ireneae</i>	Kenya	do	E
111.	Palila (honeycreeper)	<i>Psittirostra bailleui</i>	U.S.A. (Hawaii)	do	E
112.	Parakeet, Forbes'	<i>Cyanoramphus auriceps forbesi</i>	New Zealand	do	E
113.	Parakeet, golden	<i>Aratinga guarouba</i>	Brazil	do	E
114.	Parakeet, golden shouldered (=hooded)	<i>Psephotus chrysopterygius</i>	Australia	do	E
115.	Parakeet, Mauritius	<i>Psittacula echo</i>	Indian Ocean: Mauritius	do	E
116.	Parakeet, ochre-marked	<i>Pyrrhura cruentata</i>	Brazil	do	E
117.	Parakeet, orange-bellied	<i>Neophema chrysogaster</i>	Australia	do	E
118.	Parakeet, paradise (=beautiful)	<i>Psephotus pulcherrimus</i>	do	do	E
119.	Parakeet, scarlet-chested (=splendid)	<i>Neophema splendida</i>	do	do	E
120.	Parakeet, turquoise	<i>Neophema pulchella</i>	do	do	E
121.	Parrot, Australian	<i>Geopsittacus occidentalis</i>	do	do	E
122.	Parrot, Bahaman or Cuban	<i>Amazona leucocephala</i>	West Indies: Cuba, Bahamas, Caymans	do	E
123.	Parrot, ground	<i>Pezoporus wallicus</i>	Australia	do	E
124.	Parrot, imperial	<i>Amazona imperialis</i>	West Indies: Dominica	do	E
125.	Parrot, Puerto Rican	<i>Amazona vittata</i>	U.S.A. (Puerto Rico)	do	E
126.	Parrot, red-browed	<i>Amazona rhodocorytha</i>	Brazil	do	E
127.	Parrot, red-capped	<i>Pionopsitta pileata</i>	do	do	E
128.	Parrot, red-necked	<i>Amazona arausiaca</i>	West Indies: Dominica	do	E
129.	Parrot, red-spectacled	<i>Amazona pretrei pretrei</i>	Brazil, Argentina	do	E
130.	Parrot, St. Lucia	<i>Amazona versicolor</i>	West Indies: St. Lucia	do	E
131.	Parrot, St. Vincent	<i>Amazona guildingii</i>	West Indies: St. Vincent	do	E
132.	Parrot, thick-billed	<i>Rhynchopsitta pachyrhyncha</i>	Mexico, U.S.A. (AZ, NM)	Mexico	E
133.	Parrot, vinaceous-breasted	<i>Amazona vinacea</i>	Brazil	Entire	E
134.	Parrotbill, Maui (honeycreeper)	<i>Pseudonestor xanthophrys</i>	U.S.A. (Hawaii)	do	E
135.	Pelican, brown	<i>Pelecanus occidentalis</i>	U.S.A. (Carolinas to Texas, CA), West Indies, Central and South America: Coastal	do	E
136.	Penguin, Galapagos	<i>Spheniscus mendiculus</i>	Ecuador (Galapagos Island)	do	E
137.	Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	U.S.A. (Hawaii)	do	E
138.	Pheasant, bar-tailed	<i>Symaticus humaie</i>	Burma, China	do	E
139.	Pheasant, Blyth's tragopan	<i>Tragopan blythii</i>	Burma, China, India	do	E
140.	Pheasant, brown eared	<i>Crossoptilon mantchuricum</i>	China	do	E
141.	Pheasant, Cabot's tragopan	<i>Tragopan caboti</i>	do	do	E
142.	Pheasant, Chinese monal	<i>Lophophorus lhuysii</i>	do	do	E
143.	Pheasant, Edward's	<i>Lophura edwardsi</i>	Vietnam	do	E
144.	Pheasant, Elliot's	<i>Symaticus ellioti</i>	China	do	E
145.	Pheasant, imperial	<i>Lophura imperialis</i>	Vietnam	do	E
146.	Pheasant, Mikado	<i>Symaticus mikado</i>	Taiwan	do	E
147.	Pheasant, Palawan peacock	<i>Polyplectron emphanum</i>	Philippines	do	E
148.	Pheasant, Sclater's monal	<i>Lophophorus sclateri</i>	Burma, China, India	do	E
149.	Pheasant, Swinhoes	<i>Lophura swinhoii</i>	Taiwan	do	E
150.	Pheasant, western tragopan	<i>Tragopan melanocephalus</i>	India, Pakistan	do	E
151.	Pheasant, white eared	<i>Crossoptilon crossoptilon</i>	China (Tibet), India	do	E
152.	Pigeon, Azores wood	<i>Columba palumbus azorica</i>	East Atlantic Ocean: Azores	do	E
153.	Pigeon, Chatham Island	<i>Hemiphaea novaeseelandiae chathamensis</i>	New Zealand	do	E
154.	Pigeon, Mindoro zone-tailed	<i>Ducula mindorensis</i>	Philippines	do	E
155.	Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	U.S.A. (Puerto Rico)	do	E
156.	Piping-guan, black-fronted	<i>Pipile jacutinga</i>	Argentina	do	E
157.	Pitta, Koch's	<i>Pitta kochi</i>	Philippines	do	E
158.	Plover, New Zealand shore	<i>Thinornis novaeseelandiae</i>	New Zealand	do	E
159.	Poo-uli	<i>Melamprosops phaeosoma</i>	U.S.A. (Hawaii)	do	E
160.	Prairie chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	U.S.A. (Texas)	do	E

161.	Quail, Merriam's Montezuma	<i>Cyrtonyx montezumae merriami</i>	Mexico (Vera Cruz)	do	E
162.	Quetzal, resplendent	<i>Pharomachrus mocinno</i>	Mexico to Panama	do	E
163.	Rail, Auckland Island	<i>Rallus pectoralis muelleri</i>	New Zealand	do	E
164.	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	U.S.A. (California)	do	E
165.	Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	U.S.A. (California), Mexico (Baja California)	do	E
166.	Rail, Lord Howe wood	<i>Tricholimnas sylvestris</i>	Australia (Lord Howe Island)	do	E
167.	Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	Mexico, U.S.A. (AZ, CA)	do	E
168.	Rhea, Darwin's	<i>Pterocnemia pennata</i>	Argentina, Bolivia, Peru, Uruguay	do	E
169.	Robin, Chatham Island	<i>Petroica traversi</i>	New Zealand	do	E
170.	Robin, scarlet-breasted (fly-catcher)	<i>Petroica multicolor multicolor</i>	Australia (Norfolk Island)	do	E
171.	Rockfowl, grey-necked	<i>Picathartes oreas</i>	Cameron	do	E
172.	Rockfowl, white-necked	<i>Picathartes gymnocephalus</i>	Africa: Togo to Sierra Leone	do	E
173.	Roller, long-tailed ground	<i>Uratelornis chimaera</i>	Malagasy Republic (=Madagascar)	do	E
174.	Scrub-bird, noisy	<i>Atrichornis clamosus</i>	Australia	do	E
175.	Shama, Cebu black (thrush)	<i>Copsychus niger cebuensis</i>	Philippines	do	E
176.	Shearwater, Newell's Manx	<i>Puffinus puffinus newelli</i>	U.S.A. (Hawaii)	do	T
177.	Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	U.S.A. (California)	do	E
178.	Siskin, red	<i>Carduelis (=Spinus) cucullatus</i>	South America	do	E
179.	Sparrow, Cape Sable seaside	<i>Ammospiza maritima mirabilis</i>	U.S.A. (Florida)	do	E
180.	Sparrow, dusky seaside	<i>Ammospiza maritima nigrescens</i>	do	do	E
181.	Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	U.S.A. (California)	do	T
182.	Sparrow, Santa Barbara song	<i>Melospiza melodia graminea</i>	do	do	E
183.	Starling, Ponape mountain	<i>Aplonis pelzelni</i>	West Pacific Ocean: U.S.A. (Caroline Island)	do	E
184.	Starling, Rothschild's (myna)	<i>Leucopsar rothschildi</i>	Indonesia (Bali)	do	E
185.	Stilt, Hawaiian	<i>Himantopus himantopus knudseni</i>	U.S.A. (Hawaii)	do	E
186.	Stork, oriental white	<i>Ciconia ciconia boyciana</i>	China, Japan, Korea, U.S.S.R.	do	E
187.	Teal, Campbell Island flightless	<i>Anas aucklandica nesiotis</i>	New Zealand (Campbell Island)	do	E
188.	Tern, California least	<i>Sterna albifrons browni</i>	Mexico, U.S.A. (CA)	do	E
189.	Thrasher, white-breasted	<i>Ramphocinclus brachyurus</i>	West Indies: St. Lucia, Martinique	do	E
190.	Thrush, large Kauai	<i>Phaeornis obscurus myadestina</i>	U.S.A. (Hawaii)	do	E
191.	Thrush, Molokai (=olomau)	<i>Phaeornis obscurus rutha</i>	do	do	E
192.	Thrush, New Zealand (wattlebird)	<i>Turnagra capensis</i>	New Zealand	do	E
193.	Thrush, small Kauai (=puaiohi)	<i>Phaeornis palmeri</i>	U.S.A. (Hawaii)	do	E
194.	Tinamou, solitary	<i>Tinamus solitarius</i>	Brazil, Paraguay, Argentina	do	E
195.	Trembler, Martinique brown (thrasher)	<i>Cincloertheria ruficauda gutturalis</i>	West Indies: Martinique	do	E
196.	Wanderer, plain (collared-hempipode)	<i>Pedionomus torquatus</i>	Australia	do	E
197.	Warbler (wood), Bachman's	<i>Vermivora bachmanii</i>	Cuba, U.S.A. (Southeastern)	do	E
198.	Warbler (wood), Barbados yellow	<i>Dendroica petechia petechia</i>	West Indies: Barbados	do	E
199.	Warbler (wood), Kirtland's	<i>Dendroica kirtlandii</i>	U.S.A. (principally MI), Canada, West Indies: Bahama Islands	do	E
200.	Warbler (willow), reed	<i>Acrocephalus luscini</i>	Western Pacific Ocean: Marianas Islands	do	E
201.	Warbler (willow), Rodrigues	<i>Bebrornis rodericanus</i>	Mauritius (Rodrigues Islands)	do	E
202.	Warbler (wood), Semper's	<i>Leucopezia semperi</i>	West Indies: St. Lucia	do	E
203.	Warbler (willow), Seychelles	<i>Bebrornis sechellensis</i>	Indian Ocean: Seychelles Island	do	E
204.	Whipbird, Western	<i>Psophodes nigrogularis</i>	Australia	do	E
205.	Whip-poor-will, Puerto Rican	<i>Caprimulgus noctitherus</i>	U.S.A. (Puerto Rico)	do	E
206.	White-eye, Norfolk Island	<i>Zosterops albogularis</i>	Indian Ocean: Norfolk Islands	do	E
207.	White-eye, Ponape great	<i>Rukia longirostra (=sanfordi)</i>	West Pacific Ocean: U.S.A. (Caroline Islands)	do	E
208.	White-eye, Seychelles	<i>Zosterops modesta</i>	Indian Ocean: Seychelles	do	E
209.	Woodpecker, imperial	<i>Campephilus imperialis</i>	Mexico	do	E
210.	Woodpecker, ivory-billed	<i>Campephilus principalis</i>	U.S.A. (southcentral and southeastern), Cuba	do	E
211.	Woodpecker, red-cockaded	<i>Picoides (=Dendrocopos) borealis</i>	U.S.A. (southcentral and southeastern)	do	E

212.	Woodpecker, Tristram's	<i>Dryocopus javensis richardsi</i>	Korea	do	E
213.	Wren, Guadeloupe house	<i>Troglodytes aedon guadeloupensis</i>	West Indies: Guadeloupe	do	E
214.	Wren, St. Lucia house	<i>Troglodytes aedon mesoleucus</i>	West Indies: St. Lucia	do	E
(c) REPTILES					
1.	Alligator, American	<i>Alligator mississippiensis</i>	Southeastern U.S.A. in wild except those areas where listed as threatened as set forth below	Wherever found	E
2.	Do	do	do	U.S.A. (FL and certain areas of GA, SC, and TX, as set forth in 50 CFR s. 17.42(a)(1))	I
3.	Do	do	do	U.S.A. (LA)	T(S/A)
4.	Do	do	do	In captivity wherever found	T(S/A)
5.	Alligator, Chinese	<i>Alligator sinensis</i>	China	Entire	E
6.	Anole, Culebra giant	<i>Anolis roosevelti</i>	U.S.A. (Puerto Rico: Culebra Island)	do	E
7.	Boa, Jamaican	<i>Epicrates subflavus</i>	Jamaica	do	E
8.	Boa, Mona	<i>Epicrates monensis monensis</i>	U.S.A. (Puerto Rico)	do	I
9.	Boa, Puerto Rico	<i>Epicrates inornatus</i>	do	do	E
10.	Boa, Round Island [no common name]	<i>Casarea dussumieri</i>	Indian Ocean: Mauritius	do	E
11.	Boa, Round Island [no common name]	<i>Bolyeria multocarinata</i>	Indian Ocean: Mauritius	do	E
12.	Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	U.S. and British Virgin Islands	do	E
13.	Caiman, Apaporis River	<i>Caiman crocodilus apaporien-sis</i>	Colombia	do	E
14.	Caiman, black	<i>Melanosuchus niger</i>	Amazon basin	do	E
15.	Caiman, broad-snouted	<i>Caiman latirostris</i>	Brazil, Argentina, Paraguay Uruguay	do	E
16.	Caiman, Yacare	<i>Caiman crocodilus yacare</i>	Bolivia, Argentina, Peru, Brazil	do	E
17.	Chuckwalla, San Esteban Island	<i>Sauromalus varius</i>	Mexico	do	E
18.	Crocodile, African dwarf	<i>Osteolaemus tetraspis tetraspis</i>	West Africa	do	E
19.	Crocodile, African slender-snouted	<i>Crocodylus cataphractus</i>	Western and central Africa	do	E
20.	Crocodile, American	<i>Crocodylus acutus</i>	U.S.A. (FL), Mexico, Mexico, South America, Central America, Caribbean	do	E
21.	Crocodile, Ceylon mugger	<i>Crocodylus palustris kimbula</i>	Sri Lanka	do	E
22.	Crocodile, Congo dwarf	<i>Osteolaemus tetraspis osborni</i>	Congo River drainage	do	E
23.	Crocodile, Cuban	<i>Crocodylus rhombifer</i>	Cuba	do	E
24.	Crocodile, Morelet's	<i>Crocodylus moreletii</i>	Mexico, Belize, Guatemala	do	E
25.	Crocodile, mugger	<i>Crocodylus palustris palustris</i>	India, Pakistan, Iran, Bangladesh	do	E
26.	Crocodile, Nile	<i>Crocodylus niloticus</i>	Africa	do	E
27.	Crocodile, Orinoco	<i>Crocodylus intermedius</i>	South America: Orinoco River Basin	do	E
28.	Crocodile, Philippine	<i>Crocodylus novaeguineae mindorensis</i>	Philippine Islands	do	E
29.	Crocodile, saltwater (=estuarine)	<i>Crocodylus porosus</i>	Southeast Asia, Australia, Papua-New Guinea, Pacific Islands	Entire, except Papua-New Guinea	E
30.	Crocodile, Siamese	<i>Crocodylus siamensis</i>	Southeast Asia, Malay Peninsula	Entire	E
31.	Gavial (=ghanal)	<i>Gavialis gangeticus</i>	Pakistan, Burma, Bangladesh, India	do	E
32.	Gecko, day	<i>Phelsuma edwardnewtoni</i>	Indian Ocean: Mauritius	do	E
33.	Gecko, Round Island day	<i>Phelsuma guentheri</i>	Indian Ocean: Mauritius	do	E
34.	Iguana, Anegada ground	<i>Cyclura pinguis</i>	West Indies: British Virgin Islands (Anegada Island)	do	E
35.	Iguana, Barrington land	<i>Conolophus pallidus</i>	Ecuador (Galapagos Island)	do	E
36.	Iguana, Fiji banded	<i>Brachylophus fasciatus</i>	Fiji, Tonga	do	E
37.	Iguana, Fiji crested	<i>Brachylophus vitiensis</i>	Fiji	do	E
38.	Iguana, Mona ground	<i>Cyclura stejnegeri</i>	U.S.A. (Puerto Rico: Mona Island)	do	T
39.	Lizard, blunt-nosed leopard	<i>Gambelia (=Crotaphytus) silus</i>	U.S.A. (California)	do	E
40.	Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	do	do	T
41.	Lizard, Island night riversiana	<i>Xantusia (=Klauberina)</i>	do	do	T
42.	Lizard, St. Croix ground	<i>Ameiva polops</i>	U.S.A. (Virgin Islands: Green Cay, Protestant Cay)	do	E
43.	Monitor, Bengal	<i>Varanus bengalensis</i>	Iran, Iraq, India,	do	E

44.	Monitor, desert	<i>Varanus griseus</i>	Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand North Africa to	do	E
45.	Monitor, Komodo Island	<i>Varanus komodensis</i>	Nearest, Caspian Sea through U.S.S.R. to Pakistan, Northwest India Indonesia (Komodo, Rintja, Padar, and western Flores Island)	do	E
46.	Monitor, yellow	<i>Varanus flavescens</i>	West Pakistan through India to Bangladesh	do	E
47.	Python, Indian	<i>Python molurus molurus</i>	Sri Lanka and India	do	E
48.	Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	U.S.A. (NM), Mexico	do	T
49.	Snake, Atlantic salt marsh	<i>Nerodia fasciata taeniata</i>	U.S.A. (Florida)	do	T
50.	Snake, eastern indigo	<i>Drymarchon corais couperi</i>	U.S.A. (AL, FL, GA, MS, SC)	do	T
51.	Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	U.S.A. (California)	do	E
52.	Tartaruga	<i>Podocnemis expansa</i>	South America: Orinoco and Amazon River basins	do	E
53.	Terrapin, river (=Tuntong)	<i>Batagur baska</i>	Malaysia, Bangladesh, Burma, India, Indonesia	do	E
54.	Tomistoma	<i>Tomistoma schlegelii</i>	Malaysia, Indonesia	do	E
55.	Tortoise, angulated	<i>Geochelone yniphora</i>	Malagasy Republic (=Madagascar)	do	E
56.	Tortoise, Bolson	<i>Gopherus flavomarginatus</i>	Mexico	do	E
57.	Tortoise, desert	<i>Gopherus agassizii</i>	U.S.A. (Utah, Arizona, California, Nevada); Mexico	Beaver Dam Slope, Utah	T
58.	Tortoise, Galapagos	<i>Geochelone elephantopus</i>	Ecuador (Galapagos Islands)	Entire	E
59.	Tortoise, Indian flap-shell	<i>Lissemys punctata punctata</i>	India, Pakistan, Bangladesh	do	E
60.	Tortoise, radiated	<i>Geochelone (=Testudo) radiata</i>	Malagasy Republic (=Madagascar)	do	E
61.	Tracaja	<i>Podocnemis unifilis</i>	South America: Orinoco and Amazon River basins	do	E
62.	Tuatara	<i>Sphenodon punctatus</i>	New Zealand	do	E
63.	Turtle, aquatic box	<i>Terrapene coahuila</i>	Mexico	do	E
64.	Turtle, black softshell	<i>Trionyx nigricans</i>	Bangladesh	do	E
65.	Turtle, Burmese peacock	<i>Morenia ocellata</i>	Burma	do	E
66.	Turtle, Cuatro Ciénegas softshell	<i>Trionyx ater</i>	Mexico	do	E
67.	Turtle, geometric	<i>Geochelone geometrica</i>	Union of South Africa	do	E
68.	Turtle, green sea	<i>Chelonia mydas</i>	Circumglobal in tropical and temperate seas and oceans	Wherever found except where listed as endangered below	T
69.	Turtle, green sea	<i>Chelonia mydas</i>	Breeding colony populations in FL and on Pacific coast of Mexico	do	E
70.	Turtle, hawksbill sea (=carey)	<i>Eretmochelys imbricata</i>	Tropical seas	Entire	E
71.	Turtle, Indian sawback	<i>Kachuga tecta tecta</i>	India	do	E
72.	Turtle, Indian softshell	<i>Trionyx gangeticus</i>	Pakistan, India	do	E
73.	Turtle, Kemp's (=Atlantic) Ridley sea	<i>Lepidochelys kempii</i>	Tropical and temperate seas	do	E
74.	Turtle, leatherback sea	<i>Dermodochelys coriacea</i>	Tropical, temperate, and subpolar seas	do	E
75.	Turtle, loggerhead sea	<i>Caretta caretta</i>	Circumglobal in tropical and temperate seas and oceans	do	T
76.	Turtle, Olive (Pacific) Ridley sea	<i>Lepidochelys olivacea</i>	Wherever found except where listed as endangered below	do	T
77.	Turtle, Olive (Pacific) Ridley sea	<i>Lepidochelys olivacea</i>	Breeding colony populations on Pacific coast of Mexico	do	E
78.	Turtle, peacock softshell	<i>Trionyx hurum</i>	India, Bangladesh	Entire	E
79.	Turtle, Plymouth red-bellied	<i>Pseudemys (=Chrysemys) rubriventris bangsi</i>	U.S.A. (Massachusetts)	do	E
80.	Turtle, short-necked or western swamp	<i>Pseudemys dura umbrina</i>	Australia	do	E
81.	Turtle, spotted pond	<i>Geoclemmys (=Damonina) hamiltonii</i>	North India, Pakistan	do	E
82.	Turtle, three-keeled Asian	<i>Geoemyda (=Nicatoria) tricarinata</i>	Central India to Bangladesh and Burma	do	E
(d) AMPHIBIANS					
1.	Coqui, golden	<i>Eleutherodactylus jasperi</i>	U.S.A. (Puerto Rico)	do	T
2.	Frog, Israel painted	<i>Discoglossus nigriventer</i>	Israel	do	E
3.	Frog, Panamanian golden	<i>Atelopus varius zeteki</i>	Panama	do	E
4.	Frog, Stephen Island	<i>Leiopelma hamiltoni</i>	New Zealand	do	E
5.	Salamander, Chinese giant	<i>Andrias davidianus davidianus</i>	Western China	do	E

6.	Salamander, desert slender	<i>Batrachoseps aridus</i>	U.S.A. (California)	do	E
7.	Salamander, Japanese giant	<i>Andrias davidianus japonicus</i>	Japan	do	E
8.	Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	U.S.A. (Alabama)	do	T
9.	Salamander, San Marcos	<i>Eurycea nana</i>	U.S.A. (Texas)	do	I
10.	Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	U.S.A. (California)	do	E
11.	Salamander, Texas blind	<i>Typhlomoige rathbuni</i>	U.S.A. (Texas)	do	E
12.	Toad, African viviparous	<i>Nectophrynoides spp</i>	Tanzania, Guinea	do	E
13.	Toad, Cameroon	<i>Bufo superciliaris</i>	Equatorial Africa	do	E
14.	Toad, Houston	<i>Bufo houstonensis</i>	U.S.A. (Texas)	do	E
15.	Toad, Monte Verde	<i>Bufo periglenes</i>	Costa Rica	do	E
16.	Treefrog, pine barrens	<i>Hyla andersonii</i>	U.S.A. (FL, AL, NC, SC, NJ)	Florida	E
(e) FISHES					
1.	Ala Balik (trout)	<i>Salmo platycephalus</i>	Turkey	Entire	E
2.	Ayumodoki (loach)	<i>Hymenophysa (=Botia) curta</i>	Japan	do	E
3.	Blindcat, Mexican	<i>Prietella phreatophila</i>	Mexico	do	E
4.	Bonytail, Pahrnagat	<i>Gila robusta jordani</i>	U.S.A. (Nevada)	do	E
5.	Bonytongue, Asian	<i>Scleropages formosus</i>	Thailand, Indonesia, Malaysia	do	E
6.	Catfish [no common name]	<i>Pangasius sanitwongsei</i>	Thailand	do	E
7.	Catfish, giant	<i>Pangasianodon gigas</i>	do	do	E
8.	Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	U.S.A. (Alabama)	do	T
9.	Chub, bonytail	<i>Gila elegans</i>	U.S.A. (AZ, CA, CO, NV, UT, WY)	do	E
10.	Chub, humpback	<i>Gila cypha</i>	U.S.A. (AZ, CO, UT, WY)	do	E
11.	Chub, Mohave	<i>Gila mohavensis</i>	U.S.A. (California)	do	E
12.	Chub, slender	<i>Hybopsis cahni</i>	U.S.A. (TN, VA)	do	I
13.	Chub, spotfin	<i>Hybopsis monacha</i>	U.S.A. (AL, GA, NC, TN, VA)	do	T
14.	Cicek (minnow)	<i>Acanthorutilus handlirschi</i>	Turkey	do	E
15.	Cisco, longjaw	<i>Coregonus alpenae</i>	U.S.A. and Canada (Lakes Michigan, Huron, Erie)	do	E
16.	Cui-ni	<i>Chasmistes cujus</i>	U.S.A. (Nevada)	do	E
17.	Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	U.S.A. (Wyoming)	do	E
18.	Dace, Moapa	<i>Moapa coriacea</i>	U.S.A. (Nevada)	do	E
19.	Darter, bayou	<i>Etheostoma rubrum</i>	U.S.A. (Mississippi)	do	I
20.	Darter, fountain	<i>Etheostoma fonticola</i>	U.S.A. (Texas)	do	E
21.	Darter, leopard	<i>Percina pantherina</i>	U.S.A. (AR, OK)	do	T
22.	Darter, Maryland	<i>Etheostoma sellare</i>	U.S.A. (Maryland)	do	E
23.	Darter, Okaloosa	<i>Etheostoma okaloosae</i>	U.S.A. (Florida)	do	E
24.	Darter, slackwater	<i>Etheostoma boschungii</i>	U.S.A. (AL, TN)	do	I
25.	Darter, snail	<i>Percina tanasi</i>	U.S.A. (Tennessee)	do	E
26.	Darter, watercress	<i>Etheostoma nuchale</i>	U.S.A. (Alabama)	do	E
27.	Gambusia, Big Bend	<i>Gambusia gaigei</i>	U.S.A. (Texas)	do	E
28.	Gambusia, Clear Creek	<i>Gambusia heterochir</i>	do	do	E
29.	Gambusia, Goodenough	<i>Gambusia amsteadensis</i>	do	do	E
30.	Gambusia, Pecos	<i>Gambusia nobilis</i>	U.S.A. (NM, TX)	do	E
31.	Gambusia, San Marcos	<i>Gambusia georgei</i>	U.S.A. (Texas)	do	E
32.	Killifish, Pahrump	<i>Empetrichthys latos</i>	U.S.A. (Nevada)	do	E
33.	Madtom, Scioto	<i>Noturus trautmani</i>	U.S.A. (Ohio)	do	E
34.	Madtom, yellowfin	<i>Noturus flavipinnis</i>	U.S.A. (GA, TN, VA)	do	T
35.	Nekogigi	<i>Coreobagrus ichikawai</i>	Japan	do	E
36.	Pike, blue	<i>Stizostedion vitreum glaucum</i>	U.S.A. and Canada (Lakes Erie, Ontario)	do	E
37.	Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	U.S.A. (Texas)	do	E
38.	Pupfish, Devil's Hole	<i>Cyprinodon diabolis</i>	U.S.A. (Nevada)	do	E
39.	Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	U.S.A. (Texas)	do	E
40.	Pupfish, Owens River	<i>Cyprinodon radiosus</i>	U.S.A. (California)	do	E
41.	Pupfish, Tecopa	<i>Cyprinodon nevadensis calidae</i>	do	do	E
42.	Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	U.S.A. (Nevada)	do	E
43.	Squawfish, Colorado River	<i>Ptychocheilus lucius</i>	U.S.A. (AZ, CA, CO, NM, NV, UT, WY)	do	E
44.	Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	U.S.A. (California)	do	E
45.	Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	U.S.A. and Canada (Atlantic Coast)	do	E
46.	Tango, Miyako (Tokyo bitterling)	<i>Tanakia tanago</i>	Japan	do	E
47.	Temolek, Ikan (minnow)	<i>Probarbus jullieni</i>	Thailand, Cambodia, Vietnam, Malaysia, Laos	do	E
48.	Topminnow, Gila	<i>Poeciliopsis occidentalis</i>	U.S.A. (AZ, NM), Mexico	do	E

49.	Totoaba (seatrout or weakfish)	<i>Cynoscion macdonaldi</i>	Mexico (Gulf of California)	do	E
50.	Trout, Arizona	<i>Salmo apache</i>	U.S.A. (Arizona)	do	T
51.	Trout, Gila	<i>Salmo gilae</i>	U.S.A. (New Mexico)	do	E
52.	Trout, greenback cutthroat	<i>Salmo clarki stomias</i>	U.S.A. (Colorado)	do	T
53.	Trout, Lahontan cutthroat	<i>Salmo clarki henshawi</i>	U.S.A. (CA, NV)	do	T
54.	Trout, Little Kern golden	<i>Salmo aguabonita whitei</i>	U.S.A. (California)	do	I
55.	Trout, Paiute cutthroat	<i>Salmo clarki seleniris</i>	do	do	I
56.	Woundfin	<i>Plagopterus argentissimus</i>	U.S.A. (AZ, NV, UT)	do	E
(f) SNAILS					
1.	Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	U.S.A. (New York)	NA	T
2.	Snail, flat-spired three-toothed	<i>Triodopsis platysayoides</i>	U.S.A. (West Virginia)	NA	T
3.	Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	U.S.A. (Iowa)	NA	E
4.	Snail, Manus Island tree	<i>Papustyla pulcherrima</i>	Admiralty Islands (Manus Islands)	NA	E
5.	Snail, noonday	<i>Mesodon clarki nantahala</i>	U.S.A. (North Carolina)	NA	T
6.	Snail, Oahu tree	<i>Achatinella spp. (all species)</i>	U.S.A. (Hawaii)	NA	E
7.	Snail, painted snake coiled forest	<i>Anguispira picta</i>	U.S.A. (Tennessee)	NA	T
8.	Snail, Stock Island	<i>Orthalicus reses</i>	U.S.A. (Florida)	NA	T
9.	Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	U.S.A. (Virginia)	NA	E
(g) CLAMS					
1.	Pearly mussel, Alabama lamp	<i>Lampsilis virescens</i>	U.S.A. (AL, TN)	NA	E
2.	Pearly mussel, Appalachian monkeyface	<i>Quadrula sparsa</i>	U.S.A. (TN, VA)	NA	E
3.	Pearly mussel, birdwing	<i>Conradilla caelata</i>	do	NA	E
4.	Pearly mussel, Cumberland bean	<i>Villosa (=Micromya) trabalis</i>	U.S.A. (Kentucky)	NA	E
5.	Pearly mussel, Cumberland monkeyface	<i>Quadrula intermedia</i>	U.S.A. (AL, TN, VA)	NA	E
6.	Pearly mussel, Curtis'	<i>Epioblasma (=Dysnomia) florentina curtisi</i>	U.S.A. (Missouri)	NA	E
7.	Pearly mussel, dromedary	<i>Dromus dromas</i>	U.S.A. (TN, VA)	NA	E
8.	Pearly mussel, green-blossom	<i>Epioblasma (=Dysnomia) torulosa gubernaculum</i>	do	NA	E
9.	Pearly mussel, Higgins' eye	<i>Lampsilis higginsii</i>	U.S.A. (IL, IA, MN, MO, NE, WI)	NA	E
10.	Pearly mussel, Nicklin's	<i>Megaloniais nicklineana</i>	Mexico	NA	E
11.	Pearly mussel, orange-footed	<i>Plethobasus cooperianus</i>	U.S.A. (AL, IN, IA, KY, OH, PA, TN)	NA	E
12.	Pearly mussel, pale lilliput	<i>Toxolasma (=Carunculina) cylindrella</i>	U.S.A. (AL, TN)	NA	E
13.	Pearly mussel, pink mucket	<i>Lampsilis orbiculata</i>	U.S.A. (AL, IL, IN, KY, MO, OH, PA, TN, WV)	NA	E
14.	Pearly mussel, Sampson's	<i>Epioblasma (=Dysnomia) sampsoni</i>	U.S.A. (IL, IN)	NA	E
15.	Pearly mussel, Tampico	<i>Cyrtonaia tampicoensis tecomatensis</i>	Mexico	NA	E
16.	Pearly mussel, tubercled- blossom	<i>Epioblasma (=Dysnomia) torulosa torulosa</i>	U.S.A. (IL, KY, TN, WV)	NA	E
17.	Pearly mussel, turgid-blossom	<i>Epioblasma (=Dysnomia) trugidula</i>	U.S.A. (AL, TN)	NA	E
18.	Pearly mussel, white cat's paw	<i>Epioblasma (=Dysnomia) sulcata delicata</i>	U.S.A. (IN, MI, OH)	NA	E
19.	Pearly mussel, white wartyback	<i>Plethobasus cicatricosus</i>	U.S.A. (AL, TN)	NA	E
20.	Pearly mussel, yellow-blossom	<i>Epioblasma (=Dysnomia) florentina florentina</i>	do	NA	E
21.	Pigtoe, fine-rayed	<i>Fusconaia cuneolus</i>	U.S.A. (AL, TN, VA)	NA	E
22.	Pigtoe, rough	<i>Pleurobema plenum</i>	U.S.A. (KY, TN, VA)	NA	E
23.	Pigtoe, shiny	<i>Fusconaia edgariana</i>	U.S.A. (AL, TN, VA)	NA	E
24.	Pocketbook, fat	<i>Potamilus (=Proptera) capax</i>	U.S.A. (AR, IN, MO, OH)	NA	E
25.	Riffle shell, tan	<i>Epioblasma walkeri</i>	U.S.A. (KY, TN, VA)	NA	E
(h) CRUSTACEANS					
1.	Isopod, Socorro	<i>Thermosphaeroma (=Exosphaeroma) thermophilus</i>	U.S.A. (New Mexico)	NA	E
(i) INSECTS					
1.	Beetle, Delta green ground	<i>Elaphrus viridis</i>	U.S.A. (California)	NA	T
2.	Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	do	NA	I

3.	Butterfly, Bahama swallowtail	<i>Papilio andraemon bonhotiei</i>	U.S.A. (FL), Bahamas	NA	I
4.	Butterfly, El Segundo blue	<i>Euphilotes (=Shijimiaeoides) battoides allyni</i>	U.S.A. (California)	NA	E
5.	Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	do	NA	E
6.	Butterfly, Lotis blue	<i>Lycaeides argyrognomon lotis</i>	do	NA	E
7.	Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	do	NA	E
8.	Butterfly: Oregon silverspot	<i>Speyeria zerene hippolyta</i>	Oregon, Washington	NA	I
9.	Butterfly: Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	U.S.A. (California)	NA	E
10.	Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	do	NA	E
11.	Butterfly, Schaus swallowtail	<i>Papilio aristodemus ponceanus</i>	U.S.A. (Florida)	NA	T
12.	Butterfly, Smith's blue	<i>Euphilotes (=Shijimiaeoides) enoptes smithi</i>	U.S.A. (California)	NA	E
13.	Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	do	NA	T

## (j) PLANTS

Species		Scientific name	Common name	Historic range	Status
1.		<i>Alismataceae—Water-plantain family:</i>	Bunched arrowhead	U.S.A. (NC, SC)	E
a.		<i>Sagittaria fasciculata</i>			
2.		<i>Asteraceae—Aster family:</i>			
a.		<i>Echinacea tenneeseensis</i>	Tennessee purple coneflower	U.S.A. (TN)	E
b.		<i>Lipochaeta venosa</i>	None	U.S.A. (HI)	E
3.		<i>Berberidaceae—Barberry family:</i>			
a.		<i>Berberis sonnei</i>	Truckee barberry	U.S.A. (CA)	E
4.		<i>Betulaceae—Birch family:</i>			
a.		<i>Betula uber</i>	Virginia round-leaf birch	U.S.A. (VA)	E
5.		<i>Brassicaceae—Mustard family:</i>			
a.		<i>Arabis mcdonaldiana</i>	McDonald's rock-cress	U.S.A. (CA)	E
b.		<i>Erysimum capitatum var. angustatum</i>	Contra Costa wallflower	do	E
6.		<i>Cactaceae—Cactus family:</i>			
a.		<i>Ancistrocactus tobuschii (=Echinocactus t., Mammillaria t.)</i>	Tobusch fishhook cactus	U.S.A. (TX)	E
b.		<i>Coryphantha minima (=C. nellieae, Escobaria n., Mammillaria n.)</i>	Nellie cory cactus	do	E
c.		<i>Coryphantha ramillosa</i>	Bunched cory cactus	U.S.A. (TX), Mexico (Coahuila)	T
d.		<i>Coryphantha sneedii var. leei (=Escobaria l., Mammillaria L.)</i>	Lee pincushion cactus	U.S.A. (NM)	T
e.		<i>Coryphantha sneedii var. sneedii (=Escobaria s., Mammillaria s.)</i>	Sneed pincushion cactus	U.S.A. (TX, NM)	E
f.		<i>Echinocactus horzonthalonius var. nicholii</i>	Nichol's Turk's head cactus	U.S.A. (AZ)	E
g.		<i>Echinocereus engelmannii var. purpureus</i>	Purple-spined hedgehog cactus	U.S.A. (UT)	E
h.		<i>Echinocereus kuenzleri (=E. hempelii of authors, not Fobe)</i>	Kuenzler hedgehog cactus	U.S.A. (NM)	E
i.		<i>Echinocereus lloydii (=E. roetteri var. l.)</i>	Lloyd's hedgehog cactus	U.S.A. (TX)	E
j.		<i>Echinocereus reichenbachii var. albertii (=E. melanocentrus)</i>	Black lace cactus	do	E
k.		<i>Echinocereus triglochidiatus var. arizonicus (=E. arizonicus)</i>	Arizona hedgehog cactus	U.S.A. (AZ)	E
l.		<i>Echinocereus triglochidiatus var. inermis (=E. coccineus, var. i., E. phoeniceus var. i.)</i>	Spineless hedgehog cactus	U.S.A. (CO, UT)	E
m.		<i>Echinocereus viridiflorus var. davisii (=E. davisii)</i>	Davis' green pitaya	U.S.A. (TX)	E
n.		<i>Neolloydia mariposensis (=Echinocactus m., Echinomastus m.)</i>	Lloyd's Mariposa cactus	do	T
o.		<i>Pediocactus bradyi (=Toumeyia b.)</i>	Brady pincushion cactus	U.S.A. (AZ)	E
p.		<i>Pediocactus knowltonii</i>	Knowlton cactus	U.S.A. (NM, CO)	E
q.		<i>Pediocactus peeblesianus var. peeblesianus (=Echinocactus p., Navajoa p., Toumeyia p., Utahia p.)</i>	Peebles Navajo cactus	U.S.A. (AZ)	E

r.	<i>Pediocactus sileri</i> (= <i>Echinocactus s.</i> , <i>Utahia s.</i> )	Siler pincushion cactus	U.S.A. (AZ, UT)	E
s.	<i>Sclerocactus glaucus</i> (= <i>Echinocactus g.</i> , <i>E. subglaucus</i> , <i>E. whippleivar. g.</i> , <i>Pediocactus g.</i> , <i>S. franklinii</i> )	Uinta Basin hookless cactus	U.S.A. (CO, UT)	T
t.	<i>Sclerocactus mesae-verdae</i> (= <i>Coloradoa m.</i> , <i>Echinocactus m.</i> , <i>Pediocactus m.</i> )	Mesa Verde cactus	U.S.A. (CO, NM)	T
u.	<i>Sclerocactus wrightiae</i> (= <i>Pediocactus w.</i> )	Wright fishhook cactus	U.S.A. (UT)	E
7.	<i>Cistaceae</i> — <i>Rockrose family</i> :			
a.	<i>Hudsonia montana</i>	Mountain golden heather	U.S.A. (NC)	T
8.	<i>Crassulaceae</i> — <i>Stonecrop family</i> :			
a.	<i>Dudleya traskiae</i>	Santa Barbara Island liveforever	U.S.A. (CA)	E
9.	<i>Cupressaceae</i> — <i>Cypress family</i> :			
a.	<i>Fitzroya cupressoides</i>	Chilean false larch (=alerce)	Chile, Argentina	T
10.	<i>Ericaceae</i> — <i>Heath family</i> :			
a.	<i>Arctostaphylos hookeri</i> <i>ssp. ravenii</i>	Raven's manzanita	U.S.A. (CA)	E
b.	<i>Rhododendron chapmanii</i>	Chapman rhododendron	U.S.A. (FL)	E
11.	<i>Fabaceae</i> — <i>Pea family</i> :			
a.	<i>Astragalus perianus</i>	Rydberg milk-vetch	U.S.A. (UT)	T
b.	<i>Baptisia arachnifera</i>	Hairy rattlesweed	U.S.A. (GA)	E
c.	<i>Lotus dendroideus</i> (= <i>scoparius</i> ) <i>ssp. traskiae</i>	San Clemente Island broom	U.S.A. (CA)	E
d.	<i>Vicia menziesii</i>	Hawaiian vetch	U.S.A. (HI)	E
12.	<i>Hydrophyllaceae</i> — <i>Waterleaf family</i> :			
a.	<i>Phacelia argillacea</i>	None	U.S.A. (UT)	E
13.	<i>Lamiaceae</i> — <i>Mint family</i> :			
a.	<i>Haplostachys haplostachya</i> <i>var. angustifolia</i>	do	U.S.A. (HI)	E
b.	<i>Hedeoma todsenii</i>	Todsens pennyroyal	U.S.A. (NM)	E
c.	<i>Pogogyne abramsii</i>	San Diego mesa mint	U.S.A. (CA)	E
d.	<i>Stenogyne angustifolia var. angustifolia</i>	None	U.S.A. (HI)	E
14.	<i>Liliaceae</i> — <i>Lily family</i> :			
a.	<i>Harperocallis flava</i>	Harper's beauty	U.S.A. (FL)	E
b.	<i>Trillium persistens</i>	Persistent trillium	U.S.A. (GA, SC)	E
15.	<i>Malvaceae</i> — <i>Mallow family</i> :			
a.	<i>Callirhoe scabriuscula</i>	Texas poppy-mallow	U.S.A. (TX)	E
b.	<i>Kokia cookei</i>	Cooke's kokio	U.S.A. (HI)	E
c.	<i>Malacothamnus clementinus</i>	San Clemente Island bush-mallow	U.S.A. (CA)	E
16.	<i>Nyctaginaceae</i> — <i>Four-o'clock family</i> :			
a.	<i>Mirabilis macfarlanei</i>	MacFarlane's four-o'clock	U.S.A. (ID, OR)	E
17.	<i>Onagraceae</i> — <i>Evening-primrose family</i> :			
a.	<i>Oenothera avita ssp. eurekaensis</i>	Eureka Valley evening-primrose	U.S.A. (CA)	E
b.	<i>Oenothera deltoides ssp. howellii</i>	Antioch Dunes evening-primrose	do	E
18.	<i>Papaveraceae</i> — <i>Poppy family</i> :			
a.	<i>Arctomecon humilis</i>	Dwarf bear-poppy	U.S.A. (UT)	E
19.	<i>Pinaceae</i> — <i>Pine family</i> :			
a.	<i>Abies guatemalensis</i>	Guatemalan fir (=pinabete)	Mexico, Guatemala, Honduras, El Salvador	T
20.	<i>Poaceae</i> — <i>Grass family</i> :			
a.	<i>Orcuttia mucronata</i>	Solano (=Crampton's Orcutt) grass	U.S.A. (CA)	E
b.	<i>Swallenia alexandrae</i>	Eureka Dune grass	do	E
c.	<i>Zizania texana</i>	Texas wild-rice	U.S.A. (TX)	E
21.	<i>Polygonaceae</i> — <i>Buckwheat family</i> :			
a.	<i>Eriogonum gypsophilum</i>	Gypsum wild buckwheat	U.S.A. (NM)	T
22.	<i>Ranunculaceae</i> — <i>Buttercup family</i> :			
a.	<i>Aconitum noveboracense</i>	Northern wild monkshood	U.S.A. (IA, NY, OH, WI)	T
b.	<i>Delphinium kinkiensense</i>	San Clemente Island larkspur	U.S.A. (CA)	E
23.	<i>Rosaceae</i> — <i>Rose family</i> :			
a.	<i>Potentilla robbinsiana</i>	Robbins cinquefoil	U.S.A. (NH and VT)	E
24.	<i>Sarraceniacae</i> — <i>Pitcherplant family</i> :			
a.	<i>Sarracenia oreophila</i>	Green pitcher plant	U.S.A. (AL, GA)	E
25.	<i>Scrophulariaceae</i> — <i>Snapdragon family</i> :			
a.	<i>Castilleja grisea</i>	San Clemente Island Indian	U.S.A. (CA)	E



b.	<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	paintbrush Salt marsh bird's beak	U.S.A. (CA), Mexico (Baja California)	E
c.	<i>Pedicularis furbishiae</i>	Furbish lousewort	U.S.A. (ME), Canada (New Brunswick)	E

## (2) WISCONSIN ENDANGERED SPECIES LIST

## (a) Mammals

1. Pine Marten – *Martes americana*
3. Timber Wolf – *Canis lupus* (also U.S. Endangered)

## (b) Birds

1. Piping Plover – *Charadrius melodus*
2. Trumpeter Swan – *Cygnus buccinator*
3. Yellow-Throated Warbler – *Denroica dominica*
- 3m. Snowy Egret – *Egretta thula*
4. Peregrine Falcon – *Falco peregrinus* (also U.S. Endangered)
5. Worm-Eating Warbler – *Helmitheros vermivorus*
6. Loggerhead Shrike – *Lanius ludovicianus*
- 6m. Red-necked Grebe – *Podiceps grisegena*
7. Caspian Tern – *Sterna caspia*
8. Forster's Tern – *Sterna forsteri*
9. Common Tern – *Sterna hirundo*
10. Bewick's Wren – *Thyromanes bewickii*
11. Barn Owl – *Tyto alba*

## (c) Reptiles

1. Ornate Box Turtle – *Terrapene ornata*
2. Slender Glass Lizard – *Ophisaurus attenuatus*
3. Queen Snake – *Regina septemvittata*
4. Western Ribbon Snake – *Thamnophis proximus*
5. Northern Ribbon Snake – *Thamnophis sauritus*
6. Massasauga – *Sistrurus catenatus*

## (d) Amphibians

- 1m. Blanchard's Cricket Frog – *Acris blanchardii*

## (e) Fishes

1. Skipjack Herring – *Alosa chrysochloris*
- 2m. Crystal Darter – *Crystallaria asprella*
- 2t. Gravel Chub – *Erimystox x-punctata*
3. Bluntnose Darter – *Etheostoma chlorosomum*
- 4m. Starhead Topminnow – *Fundulus disper*
5. Goldeye – *Hiodon alosoides*
- 6g. Striped Shiner – *Luxilus chrysocephalus*
- 6m. Black Redhorse – *Moxostoma duguensei*
7. Pallid Shiner – *Notropis annis*
9. Slender Madtom – *Noturus exilis*

## (f) Insects

1. Pecatonica River Mayfly – *Acanthametropus pecatonica*
- 1m. Red-veined Prairie Leafhopper – *Aflexia rubranura*
2. A Flat-headed Mayfly – *Aneporus simplex*
- 2m. Swamp Metalmark Butterfly – *Calephelis mutica*
3. Northern Blue Butterfly – *Lycæides idas*
4. Giant Carrion Beetle – *Nicrophorus americanus*
5. Poweshiek Skipper – *Oarisma poweshiek*
6. Extra-striped Snaketail Dragonfly – *Ophiogomphus anomalous*
7. Saint Croix Snaketail Dragonfly – *Ophiogomphus susbecha*
8. Silphium Borer Moth – *Papaipema silphii*
9. Phlox Moth – *Schinia indiana*
- 9g. Warpaint Emerald Dragonfly – *Somatochlora incurvata*
- 9m. Hine's Emerald Dragonfly – *Somatochlora hineana*
- 9t. Regal Fritillary – *Speyeria idalia*
10. Knobel's Riffle Beetle – *Stenelmis knobeli*
- 10m. Lake Huron Locust – *Trimerotropis huroniana*

## (g) Mussels

1. Spectacle Case – *Cumberlandia monodonta*
2. Purple Wartyback – *Cyclonaias tuberculata*
3. Butterfly – *Ellipsaria lineolata*
4. Elephant Ear – *Elliptio crassidens*
5. Snuffbox – *Epioblasma triquetra*
6. Ebonyshell – *Fusconaia ebena*
7. Higgins Eye Pearly Mussel – *Lampsilis higginsii* (also U.S. Endangered)

8. Yellow and Slough Sandshell – *Lampsilis teres*  
9. Bullhead – *Plethobasus cyphus*  
10. Winged Mapleleaf – *Quadrula fragosa*  
11. Rainbow Shell – *Villosa iris*  
(h) Snails  
1. Hubricht's Vertigo – *Vertigo hubrichti*  
2. Occult Vertigo – *Vertigo occulta*  
(i) Plants  
1. *Anemone caroliniana* – Carolina Anemone (Ranunculaceae: Crowfoot Family)  
2. *Anemone multifida* – no common name (Ranunculaceae: Crowfoot family)  
4. *Armoracia aquatica* – Lake Cress (Brassicaceae: Mustard Family)  
4m. *Asclepias purpurascens* – Purple Milkweed (Asclepiadaceae: Milkweed Family)  
5m. *Asplenium trichomanes – namosum* – Green Spleenwort (Polypodiacea: Fern Family)  
6. *Astragalus alpinus* – Alpine Milk Vetch (Fabaceae: Bean Family)  
7. *Astragalus crassicaarpus* – Prairie Plum (Fabaceae: Bean Family)  
7m. *Astragalus neglectus* – Coppers Milk Vetch (Fabaceae: Bean Family)  
7t. *Botrychium campestre* – Prairie Moonwort (Ophioglossaceae: Adder's-tongue Family)  
8. *Botrychium lunaria* – Moonwort (Ophioglossaceae: Adder's-tongue Family)  
8m. *Botrychium mormo* – Goblin Fern (Ophioglossaceae: Adder's-tongue Family)  
9. *Caltha natans* – a Marsh Marigold (Ranunculaceae: Crowfoot Family)  
9m. *Camassia scilloides* – Wild Hyacinth (Liliaceae: Lily Family)  
10. *Carex crus-corvi* – no common name (Cyperaceae: Sedge Family)  
10m. *Carex laevivaginata* – Smooth-sheathed Sedge (Cyperaceae: Sedge Family)  
11. *Carex lupuliformis* – no common name (Cyperaceae: Sedge Family)  
12. *Carex media* – no common name (Cyperaceae: Sedge Family)  
12m. *Carex schweinitzii* – Schweinitz's Sedge (Cyperaceae: Sedge Family)  
13. *Catabrosa aquatica* – Brook Grass (Poaceae: Grass Family)  
14. *Collinsonia canadensis* – Stoneroot (Lamiaceae: Mint Family)  
15. *Contioselinum chinense* – Hemlock-parsley (Apiaceae: Parsley Family)  
16. *Diarrhena americana* – Beak Grass (Poaceae: Grass Family)  
17. *Draba lanceolata* – no common name (Brassicaceae: Mustard Family)  
17g. *Eleocharis nitida* – Neat Spike-rush (Cyperaceae: Sedge Family)  
17m. *Eleocharis wolfei* – Wolf Spike-rush (Cyperaceae: Sedge Family)  
18. *Eleocharis quadrangulata* – a Spike-rush (Cyperaceae: Sedge Family)  
19. *Erigenia bulbosa* – Harbinger-of-Spring (Apiaceae: Parsley Family)  
20. *Fimbristylis puberula* – no common name (Cyperaceae: Sedge Family)  
21. *Fuirena pumila* – Umbrella Sedge (Cyperaceae: Sedge Family)  
22. *Geocaulon lividum* – Northern Comandra (Santalaceae: Sandal-wood Family)  
22m. *Gerardia skinneriana* – Pale False Foxglove (Scrophulariaceae: Fig Wort Family)  
22p. *Juncus stygius* – Bog Rush (Juncaceae: Rush Family)  
22t. *Lespedeza leptostachya* – Prairie Bush Clover (Fabaceae: Bean Family)  
23. *Liatris punctata* – Dotted Blazing Star (Asteraceae: Composite Family)  
24. *Listera auriculata* – Auricled Twayblade (Orchidaceae: Orchid Family)  
24m. *Lonicera involucrata* – Fly Honeysuckle (Caprifoliaceae: Honeysuckle Family)  
25. *Melica smithii* – Smith Melic Grass (Poaceae: Grass Family)  
25d. *Moerhingia macrophylla* – no common name (Caryophyllaceae: Pink Family)  
25g. *Muhlenbergia richardsonis* – Mat Muhly (Poaceae: Grass Family)  
25j. *Orobancha ludoviciana* – Louisiana Broomrape (Orobanchaceae: Broomrape Family)  
25m. *Oxytropis campestris* – Fassett's Locoweed (Fabaceae: Bean Family)  
26. *Parnassia parviflora* – a Grass-of-Parnassus (Saxifragaceae: Saxifrage Family)  
27. *Phlox glaberrima* – Smooth Phlox (Polemoniaceae: Phlox Family)  
28. *Pinguicula vulgaris* – Butterwort (Lentibulariaceae: Bladderwort Family)  
29. *Plantago cordata* – Heart-leaved Plantain (Plantaginaceae: Plantain Family)  
29m. *Platanthera leucophaea* – Prairie White-Fringed Orchid (Orchidaceae: Orchid Family)  
29t. *Polemonium occidentale ssp. lucustre* – Western Jacob's Ladder (Polemoniaceae: Phlox Family)  
30. *Polygala incarnata* – Pink Milkwort (Polygalaceae: Milkwort Family)  
30m. *Potamogeton pulcher* – Spotted Pond Weed (Potamogetonaceae: Pond Weed Family)  
31. *Prenanthes aspera* – Rough White Lettuce (Asteraceae: Composite Family)  
32. *Prenanthes crepidinea* – Great White Lettuce (Asteraceae: Composite Family)  
33. *Pterospora andromedea* – Pine-drops (Pyrolaceae: Wintergreen Family)  
34. *Pyrola minor* – Small Shinleaf (Pyrolaceae: Wintergreen Family)  
36. *Ranunculus gmelinii* – Small Yellow Water Crowfoot (Ranunculaceae: Crowfoot Family)  
36m. *Ranunculus lapponicus* – Lapland Buttercup (Ranunculaceae: Crowfoot Family)  
37. *Rhododendron lapponicum* – Lapland Rosebay (Ericaceae: Heath Family)  
38. *Ruellia humilis* – Wild Petunia (Acanthaceae: Acanthus Family)  
39. *Salix cordata* – Sand Dune Willow (Salicaceae: Willow Family)  
39m. *Salix pellita* – Satiny Willow (Salicaceae: Willow Family)  
40d. *Scirpus hallii* – Hall's bulrush (Cyperaceae: Sedge Family)

- 40h. *Scleria reticularis* – Netted Nut-rush (Cyperaceae: Sedge Family)  
 40q. *Scutellaria parvula* – Small Skullcap (Lamiaceae: Mint Family)  
 41. *Selaginella selaginoides* – no common name (Selaginellaceae: Selaginella Family)
- 41m. *Silene virginica* – fire pink (Caryophyllaceae: Pink Family)  
 42. *Solidago caesia* – Blue-stemmed Goldenrod (Asteraceae: Composite Family)  
 43m. *Tanacetum bipinnatum* spp. *huronense* – Lake Huron Tansy (Asteraceae: Composite Family)  
 44. *Thaspium barbinode* – Hairy Meadow Parsnip (Apiaceae: Parsley Family)  
 45. *Tiarella cordifolia* – Foamflower (Saxifragaceae: Saxifrage Family)  
 45m. *Trisetum melicoides* – Purple False Oats (Poaceae: Grass Family)  
 46. *Vaccinium cespitosum* – Dwarf Bilberry (Ericaceae: Heath Family)  
 47. *Vaccinium vitis-idaea* – Mountain Cranberry (Ericaceae: Heath Family)  
 48. *Viburnum edule* – Squashberry (Caprifoliaceae: Honeysuckle Family)  
 49. *Viola fimbriatula* – a Violet (Violaceae: Violet Family)
- (3) WISCONSIN THREATENED SPECIES LIST
- (a) Mammals – None  
 (b) Birds
1. Henslow's sparrow – *Ammodramus henslowii*  
 1m. Red-shouldered Hawk – *Buteo lineatus*  
 2. Great Egret – *Casmerodius albus*  
 2m. Yellow Rail – *Coturnicops noveboracensis*  
 2t. Spruce Grouse – *Dendragapus canadensis*  
 3. Cerulean Warbler – *Dendroica cerulea*  
 4. Acadian Flycatcher – *Empidonax virescens*  
 6m. Yellow-Crowned Night Heron – *Nyctanassa violacea*  
 7. Kentucky Warbler – *Oporornis formosus*  
 8. Osprey – *Pandion haliaetus*  
 10. Greater Prairie Chicken – *Tympanuchus cupido pinnatus*  
 11. Bell Vireo – *Vireo bellii*  
 12. Hooded Warbler – *Wilsonia citrina*
- (c) Reptiles
1. Wood Turtle – *Clemmys insculpta*  
 2. Blanding's Turtle – *Emydoidea blandingi*  
 3. Butler's Gartersnake – *Thamnophis butleri*
- (d) Amphibians – None  
 (e) Fishes
1. Blue Sucker – *Cycleptus elongatus*  
 4. Black Buffalo – *Ictiobus niger*  
 5. Longear Sunfish – *Lepomis megalotis*  
 5m. Redfin Shiner – *Lythrurus umbratilis*  
 5t. Speckled Chub – *Macrhybopsis aestivalis*  
 6. River Redhorse – *Moxostoma carinatum*  
 7. Greater Redhorse – *Moxostoma valenciennesi*  
 8. Pugnose Shiner – *Notropis anogenus*  
 9m. Ozark Minnow – *Notropis nubila*  
 10. Gilt Darter – *Percina evides*  
 11. Paddlefish – *Polyodon spathula*
- (f) Insects
1. Spatterdock damer dragonfly – *Aeshna mutata*  
 2. Frosted Elf – *Incisalia irus*  
 2m. A Prairie Leafhopper – *Polyamia dilata*  
 2t. Pygmy Snaketail Dragonfly – *Ophiogomphus howei*
- (g) Mussels
2. Slippershell – *Alasmodonta viridis*  
 3. Rock Pocketbook – *Arcidens confragosus*  
 4. Monkeyface – *Quadrula metanevra*  
 5. Wartyback – *Quadrula nodulata*  
 6. Salamander Mussel – *Simpsonaias ambigua*  
 7. Buckhorn – *Tritogonia verrucosa*  
 8. Ellipse – *Venustaconcha ellipsiformis*
- (h) Snails
1. Wing Snaggletooth – *Gastrocopta procera*  
 2. Cherrystone Drop – *Hendersonia occulta*
- (i) Plants
1. *Aconitum novaboracense* – Northern Monkshood (Ranunculaceae: Crowfoot Family) (also U.S. Threatened)  
 2. *Adoxa moschatellina* – Muskroot (Adoxaceae: Moschatel Family)  
 3. *Agastache nepetoides* – Yellow Giant Hyssop (Lamiaceae: Mint Family)

- 4g. *Arnoglossum plantagineum* – Prairie Indian Plantain (Asteraceae: Aster Family)  
 4m. *Asclepias ovalifolia* – Dwarf Milkweed (Asclepiadaceae: Milkweed Family)  
 5. *Asclepias lanuginosa* – Woolly Milkweed (Asclepiadaceae: Milkweed Family)  
 6. *Asclepias sullivantii* – Prairie Milkweed (Asclepiadaceae: Milkweed Family)  
 7. *Asplenium pinnatifidum* – Pinnatifid Spleenwort (Polypodiaceae: Fern Family)  
 8. *Aster furcatus* – Forked Aster (Asteraceae: Aster Family)  
 9. *Besseyia bullii* – Kitten Tails (Scrophulariaceae: Fig Wort Family)  
 11. *Calamovilfa longifolia* – Sand Reed (Poaceae: Grass Family)  
 11m. *Callitriche heterophylla* – Large Water Starwort (Callitricheaceae: Water Starwort Family)  
 12. *Calypso bulbosa* – Calypso Orchid (Orchidaceae: Orchid Family)  
 13. *Carex careyana* – Carey's Sedge (Cyperaceae: Sedge Family)  
 14. *Carex concinna* – no common name (Cyperaceae: Sedge Family)  
 15. *Carex exilis* – Coast Sedge (Cyperaceae: Sedge Family)  
 16. *Carex formosa* – Handsome Sedge (Cyperaceae: Sedge Family)  
 17. *Carex garberi* – Garbers Sedge (Cyperaceae: Sedge Family)  
 18. *Carex lenticularis* – Lenticular Sedge (Cyperaceae: Sedge Family)  
 19. *Carex michauxiana* – no common name (Cyperaceae: Sedge Family)  
 20. *Carex prasina* – Drooping Sedge (Cyperaceae: Sedge Family)  
 21. *Cirsium hillii* – Prairie Thistle (Asteraceae: Aster Family)  
 22. *Cirsium pitcheri* – Dune Thistle (Asteraceae: Composite Family)  
 23. *Cypripedium arietinum* – Ram's-head Lady's-slipper (Orchidaceae: Orchid Family)  
 24. *Cypripedium candidum* – White Lady's slipper (Orchidaceae: Orchid Family)  
 25. *Drosera anglica* – a Sundew (Droseraceae: Sundew Family)  
 26. *Drosera linearis* – a Sundew (Droseraceae: Sundew Family)  
 27. *Echinacea pallida* – Purple Coneflower (Asteraceae: Composite Family)  
 28. *Eleocharis rostellata* – Beaked Spike Rush (Cyperaceae: Sedge Family)  
 28m. *Elymus loncoelatus ssp.* – Thickspike Wheatgrass (Poaceae: Grass Family)  
 29. *Festuca occidentalis* – Western Fescue (Poaceae: Grass Family)  
 30. *Fraxinus quadrangulata* – Blue Ash (Oleaceae: Olive Family)  
 31. *Gentiana alba* – Yellowish Gentian (Gentianaceae: Gentian Family)  
 32. *Gerardia gattereri* – Round Stemmed False Foxglove (Scrophulariaceae: Fig Wort Family)  
 32m. *Gnaphalium saxicola* – Cliff Cudweed (Asteraceae: Aster Family)  
 33. *Habenaria flava var. herbiola* – Tubercled Orchid (Orchidaceae: Orchid Family)  
 34. *Hypericum sphaerocarpum* – Round Fruited St. Johns Wort (Hypericaceae: St. Johns Wort Family)  
 35. *Iris lacustris* – Dwarf Lake Iris (Iridaceae: Iris Family)  
 36. *Lespedeza virginica* – Slender Bush Clover (Fabaceae: Bean Family)  
 37. *Lesquerella ludoviciana* – Bladderpod (Brassicaceae: Mustard Family)  
 38. *Listera convallarioides* – Broad-leaved Twayblade (Orchidaceae: Orchid Family)  
 39. *Opuntia fragilis* – Brittle Prickly Pear (Cactaceae: Cactus Family)  
 40. *Orchis rotundifolia* – Small Round-leaved Orchis (Orchidaceae: Orchid Family)  
 41. *Orobanche fasciculata* – Clustered Broomrape (Orobanchaceae: Broomrape Family)  
 42. *Parnassia palustris* – a Grass-of-Parnassus (Saxifragaceae: Saxifrage Family)  
 43. *Parthenium integrifolium* – Wild Quinine (Asteraceae: Composite Family)  
 44. *Petasites sagittatus* – Sweet Coltsfoot (Asteraceae: Composite Family)  
 45. *Poa paludigena* – Bog Bluegrass (Poaceae: Grass Family)  
 46. *Polystichum braunii* – Braun's Holly Fern (Polypodiaceae: Fern Family)  
 47. *Potamogeton confervoides* – no common name (Potamogetonaceae: Pondweed Family)  
 48. *Potamogeton vaginatus* – Sheathed Pond Weed (Potamogetonaceae: Pond Weed Family)  
 49. *Polytaenia nuttallii* – Prairie-parsley (Apiaceae: Parsley Family)  
 50m. *Ranunculus cymbalaria* – Seaside Crowfoot (Ranunculaceae: Crowfoot Family)  
 50p. *Rhynchospora scirysoides* – Bald Rush (Cyperaceae: Sedge Family)  
 51. *Ribes oxycanthoides* – Hawthorn-leaved Gooseberry (Saxifragaceae: Saxifrage Family)  
 51m. *Salix planifolia* – Flat-leaved willow (Salicaceae: Willow Family)  
 51p. *Scirpus cespitosus* – Tussock Bulrush (Cyperaceae: Sedge Family)  
 51t. *Senecio indecorus* – Plains Ragwort (Asteraceae: Aster Family)  
 51w. *Silene nivea* – Snowy Campion (Caryophyllaceae: Pink Family)  
 52. *Solidago simplex var. Gillmanii* – Dune Goldenrod (Asteraceae: Composite Family)  
 52m. *Sparganium glomeratum* – Clustered Bur Reed (Sparganiaceae: Bur Reed Family)  
 53. *Tofieldia glutinosa* – False Asphodel (Liliaceae: Lily Family)  
 54. *Trillium nivale* – Snow Trillium (Liliaceae: Lily Family)  
 55. *Trisetum spicatum* – Spike Trisetum (Poaceae: Grass Family)  
 56. *Valeriana sitchensis* – Marsh Valerian (Valerianaceae: Valerian Family)

**History:** Cr Register, September, 1979, No. 285, eff. 10-1-79; r. (2) (g) 13. and 17.; renun. (2) (g) 1. to 12, 14 to 16, 18 to 33. to be (2) (g) 2. to 6., 9 to 12, 14., 15., 17. to 20., 22., 24., 26., 29., 30., 32. to 34., 37. to 39., 43., 44., 46 to 49., cr. (2) (g) 1., 7., 8., 10., 13., 16., 21., 23., 25., 27., 28., 31., 35., 36., 40 to 42., and 45., renun. (3) (g) 2. to 23. to be 5., 6., 8. to 12., 14. to 19., 21., 22., 24., 25., 29., 30., 33., 35., 38., cr. (3) (g) 2. to 4., 7., 13., 20., 23., 26. to 28., 31., 32., 34., 36. and 37., Register, October, 1981, No. 310, eff. 11-1-81; r. (2) (b) 1., (c) 1., (e) 6., (3) (b) 5., (e) 1., 3., 6., 8. and 9., r. and recr. (2) (d), (3) (c) 1., (3) (d), am. (3) (g) 10. and 26., renun. (2) (b) 2. to 5. to be 1. to 4., (2) (b) 6. to be 5. and am., (2) (b) 7. and 8. to be 6. and 7., (2) (c) 2. to be 1., (2) (e) 1. to 5. and 7. to be 2., 4., 5., 6., 7. and 8., (3) (b) 1. to 4. to be 3. to 6., (3) (e) 2. to be 1., (3) (e) 4. and 5. to be 2. and 3., (3) (e) 7. to be 4., (3) (e) 10. to be 6., cr. (2) (b) 8., (2) (c) 2., (2) (e) 1. and 3., (3) (b) 1. and 2., (3) (e) 5., Register, November, 1982, No. 323, eff. 12-1-82; r. and recr. (1), Register, August, 1983, No. 332, eff. 9-1-83; cr. (2) (g) 4m., 7m., 8m., 9m., 22m., 30m., 40h., 40q., (3) (g) 2m., 3m., 4e., 4j., 4o., 4t., 5m., 13m., 15h., 15q., 17m., and 29m., Register March, 1985, No. 351, eff. 4-1-85; r. (3) (b) 2., renun. (3) (b) 3. to 6. to be 2. to 5., Register, August, 1986, No. 368, eff. 9-1-86; r. (2) (b) 1. and 2., (3) (g) 17., 19. and 24., renun. (2) (b) 3. to 8. to be (2) (b) 4., 1., 8., 9., 11., and 6., (2) (e) 1. to 8. to be (2) (e) 5. to 9., 4., 2.

and 3., (2) (f) 1. to be (2) (g) 7., (2) (g) to be (2) (i), (3) (b) 1., 3 and 5. to be 9., 10 and 1., (3) (e) 1. to 6. to be (3) (e) 3., 1., 4., 5., 10. and 2., (3) (g) 1. to 16., 17m., 18., 20. to 23., 25. to 38., to be (3) (i) 1. to 6., 8. to 11., 14., 17. to 19., 22. to 35., 38. to 44., 46. to 57., cr. (2) (b) 2., 3., 5., 7., 10., (2) (e) 1., (2) (f), (2) (g) 1. to 6., 8. to 11., (2) (h), (2) (i) 22p., 22t., 25m. and 29m., (3) (b) 3., 5. to 8., 11. and 12., (3) (e) 6. to 9. and 11., (3) (g) and (h), (3) (i) 7., 12., 13., 15., 16., 20., 21., 36., 37. and 45., r. and recr. (3) (b) 4., (3) (d) and (3) (f), Register, August, 1989, No. 404, eff. 9-1-89; am. (2) and (3), Register, July, 1997, No. 499, eff. 8-1-97; r. (2) (d) 1., (e) 2., 4., 6. and 8., (i) 3., 5. and 43., (3) (b) 6., (e) 2., 3 and 9., (g) 1., (i) 4., 10., 50. and 52; cr. (2) (d) 1m., (e) 2m., 2t., 4m., and 6g., (i) 5m., 25d. and 43m., (3) (b) 6m., (e) 5m., 5t. and 9m., (g) 8., (i) 4g., 28m., 50p. and 52., Register, September, 1998, No. 513, eff. 10-1-98.

#### NR 27.04 Revision of Wisconsin endangered and threatened species lists. (1) PETITION FOR CHANGES. (a) Requirements.

Any 3 persons may petition the department to review the status of any listed or unlisted wild animal or wild plant. Such petitions must be dated, in writing, and submitted to the ENS. To be considered, requests must show in full the following information:

1. Names and addresses of persons petitioning;
2. Designation of the particular species in question;
3. Narrative explanation of the request;
4. Complete scientific supporting data for the request including evidence of Wisconsin residency, past numbers and geographic distribution, current numbers and geographic distribution, a substantial decline in numbers, and a substantial threat to remaining numbers or habitat or both; and
5. Signatures of the persons making the request.

(b) *Review.* If the department finds the petitioners have presented substantial evidence to warrant a review, the department shall proceed in accordance with ch. 227, Stats.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79.

**NR 27.05 Permits for endangered and threatened species. (1) ISSUANCE.** The department shall issue endangered and threatened species permits in accordance with the provisions of and for the purposes authorized in s. 29.415, Stats. Conditions designed to protect and preserve species on the department list shall be imposed on permittees.

(2) **PROCEDURES.** (a) *Applications.* Applications for endangered and threatened species permits shall be made on forms furnished by the department and shall include:

1. Name and address of the applicant;
2. Personal description;
3. Purpose of the request;
4. Class, species, and number of specimens to be taken;
5. Area and period of time in which the specimens are to be taken;
6. Method of taking;
7. The place where specimens will be kept;
8. Duration of specimen possession;
9. Final disposition of specimens;
10. Applicant's signature; and
11. Such additional information as may be requested by the department.

(b) *Inspection.* A permit issued pursuant to this chapter shall be carried upon the person of the permittee when exercising the permit privileges. The permit and any authorized species obtained must be shown to the department or its agents upon request. Furs shall be marked or stamped with a stamp or tag furnished by the department to show such furs are legally held and possessed.

(c) *Annual report.* An annual progress report on activities authorized by the permit may be required by the department. The department shall notify the permittee if this report is required.

(d) *Permit conditions.* The permittee may only take, transport, possess, process or sell species on the department list subject to and in accordance with the conditions imposed by the department. Such conditions shall include but are not limited to the minimum

standards for feeding, treatment, sanitation, pens and housing prescribed in s. NR 16.10.

(e) *Permit authority.* A permit issued pursuant to this chapter does not authorize the exchange, purchase or sale of specimens on the department list with persons who do not hold an appropriate state or federal endangered or threatened species permit. This paragraph does not apply to the exchange or purchase of permitted state endangered or threatened plants from purchase of permitted state endangered or threatened plants from persons possessing a valid endangered and threatened species permit which allows the sale of specific species. All persons, including those persons or businesses which are based outside of Wisconsin, selling Wisconsin endangered or threatened plants shall possess a Wisconsin endangered or threatened species permit for those species being sold.

(f) *Care of injured animals.* A permit issued under the authority of this chapter does not authorize the routine care of injured animals.

(3) **PLANTS.** Permits are not required for persons to take wild plants of endangered or threatened species on property which they own or lease, or with landowner permission, except if the plants or their progeny are sold or processed, or in the course of forestry or agricultural practices or in the construction, operation or maintenance of a utility facility. Nothing in this rule prevents persons from propagating endangered or threatened wild plants on their own property as long as they do not sell these plants or distribute them to other properties which they do not own or lease.

(4) **OTHER PERMITS.** (a) Any person obtaining a permit under this section need not obtain a scientific collector's permit under s. NR 19.11 for that same species and purpose.

(b) The department may issue an endangered species certificate and seal to identify and mark a carcass, skin, hide, fur or part of an endangered or threatened species specimen held under a valid endangered or threatened species permit. A certificate and seal may only be transferred incidental to the transfer of the specimen for which the certificate and seal were issued.

(5) **FEDERAL PERMITS.** A federal permit is required for all endangered and threatened wild animals and wild plants on the federal lists, unless such requirement is waived by the U.S. department of interior.

(6) **PERMIT REVOCATION.** The department may revoke the current endangered and threatened species permit of a person who violates any condition of the permit and the person may be ineligible to receive a permit for the following calendar year. Permit conditions may include but are not limited to: covered species, collection limitations, requirements to use local propagule sources, propagation methods, sales limits and documentation requirements. The department may issue another permit only if the person has corrected all deficiencies from any previous permit and agrees to abide by all permit conditions.

History: Cr. Register, September, 1979, No. 285, eff. 10-1-79; renum. (4) to be (4) (a) and cr. (4) (b), Register, March, 1990, No. 411, eff. 4-1-90; am. (2) (e), (3) and (4) (b), cr. (6), Register, April, 1993, No. 448, eff. 5-1-93.

#### NR 27.06 Exceptions to permit requirements.

(1) **FEDERAL PERMITS.** (a) Any person taking, transporting, possessing or selling any wild animal or wild plant included in the U.S. foreign and native endangered and threatened species list, but not included in the Wisconsin endangered or threatened species lists, does not need a state permit if such person has a federal permit authorizing such possession. Any person who was previously exempted from needing a permit and is required to have a permit under this section shall apply for and be issued a permit no later than October 1, 1990.

(b) Any Native American Indian who is an enrolled tribal member may possess bald eagles or parts thereof for religious purposes if they have been issued a federal permit authorizing such possession.

(2) **PRIOR ACQUISITION.** (a) *Exemptions.* Any person taking, transporting or possessing any endangered or threatened plants or animals, or selling any endangered or threatened animals does not need a state permit if the specimens were acquired before the species' effective listing date. For wild animals added to these lists after the above dates, no permit is required if the wild animals were acquired before the effective date of their addition to the list.

(b) *Proof.* Any person claiming an exemption under par. (a) must offer evidence acceptable to the department to show that the species was acquired prior to the effective date.

(c) *Marking.* All wild animals on the Wisconsin endangered and threatened species lists which are possessed, transported or sold pursuant to par. (a) shall be permanently marked, tagged or otherwise identified with a certificate and seal by or at the direction of the department to show the specimen or parts thereof is legally possessed. A certificate and seal may only be transferred incidental to the transfer of the specimen for which the certificate and seal were issued.

(3) **RECORDS.** (a) *Procedures.* Each person who possesses any live animal listed as a Wisconsin endangered or threatened species in s. NR 27.03 (2) or (3) shall keep a complete and accurate record in the English language of any action affecting the number of said wild animals that person possesses. This record shall be on forms provided by the department, and shall include a receipt book for purchases, births, or any action increasing the number of individuals in possession; and a separate book for sales, gifts, deaths or any action whereby the number of individuals in possession decreases. These receipts shall be completed immediately following the action or transaction affecting populations in possession, and one copy shall be mailed to the department at that time.

(b) *Inspection.* The permittee shall make all permitted wild plants and wild animals in their possession and all applicable records available for inspection by the department at any time.

(4) **NON-WISCONSIN SPECIMENS.** (a) *Animals.* Permits are not required for the possession, processing, sale or transportation of carcasses, skins, hides and furs or parts thereof from wild animals on the Wisconsin endangered or threatened species lists if each item is marked with a permanent locked seal attached by or with the authority of the government of the country, state or province where the wild animal originated, or if an endangered species certificate and seal has been issued under s. NR 27.05 (4) (b) to identify and mark the specimens.

(b) *Fur garments.* Permits are not required for the possession, processing, sale or transportation of articles of clothing manufactured from the skins, hides or furs of animals on the Wisconsin endangered or threatened species lists if documentation accompanies each garment stating that the furs from which it was made were legally taken outside of Wisconsin.

**History:** Cr. Register, September, 1979, No. 285, eff. 10-1-79; am. (1), Register, January, 1981, No. 301, eff. 2-1-80; cr. (4), Register, October, 1981, No. 310, eff. 11-1-81; am. (1) (a) and (2), r. and recr. (1) (b), Register, March 1990, No. 411, eff. 4-1-90; am. (2) (a), (c), (3) (b) and (4) (a), Register, April, 1993, No. 448, eff. 5-1-93.

**NR 27.07 Incidental take applications.** (1) **PUBLIC NOTIFICATION OF RECEIPT OF AN APPLICATION FOR THE INCIDENTAL TAKE OF ENDANGERED OR THREATENED SPECIES.** (a) 1. Upon receipt of an application for an incidental take permit, an accompanying conservation plan and an implementing agreement under s. 29.415 (6m), Stats., all of which are deemed complete and acceptable to the department, the department shall develop a news release that includes all of the following information:

- a. The name and address of the applicant.
- b. A brief description of the project or activity, including location, and the endangered and threatened species to be affected.
- c. A statement regarding the proposal's potential to cause significant adverse effects to endangered and threatened species, the

whole plant-animal community of which they are a part, or the habitat that is critical to its existence.

d. A brief description of efforts the applicant intends to conduct to minimize and mitigate the impact caused by the taking.

e. The name and address of a contact within the department who can receive comments and respond to questions.

f. A date until which the department will accept and consider comments.

2. Notwithstanding subd. 1., but consistent with s. 29.415 (6m) (e), Stats., when deemed appropriate by the department, any other department notice, including a notice required under another statute or administrative rule, containing the information in subd. 1. a. to f. may be used in addition to a news release.

(b) The department shall distribute the news release or notice to appropriate news media in the vicinity of the proposed taking and to the official state newspaper designated under s. 985.04, Stats.

(c) In addition to distributing the news release or notice under par. (b), the department shall mail, or may otherwise provide the information specified in par. (a) in the manner requested, and consistent with s. 29.415 (6m) (e), Stats., to the following organizations, at the address or location they provide:

1. University of Wisconsin-Madison, School of Natural Resources;
2. University of Wisconsin-Stevens Point, College of Natural Resources;
3. Sigurd Olson Environmental Institute, Northland College, Ashland;
4. Wisconsin Wildlife Federation;
5. Wisconsin Conservation Congress;
6. Citizens Natural Resources Association of Wisconsin;
7. Wisconsin Society for Ornithology;
8. Wisconsin Woodland Owners Association;
9. Sierra Club-Muir Chapter;
10. Wisconsin Audubon Council;
11. The Nature Conservancy;
12. The Izaak Walton League;
13. Wisconsin Wetlands Association;
14. U.S. Department of the Interior, Fish and Wildlife Service;
15. Wisconsin Paper Council;
16. Wisconsin Association of County Planning Directors;
17. Wisconsin Manufacturers & Commerce;
18. Prairie Enthusiasts;
19. Great Lakes Indian Fish & Wildlife Commission;
20. Milwaukee Public Museum;
21. Madison Audubon Society;
22. Natural Areas Preservation Council;
23. Wisconsin Waterfowl Association;
24. Wisconsin Environmental Decade; and
25. Other organizations or individuals clearly requesting notification of receipt of applications under s. 29.415 (6m), Stats., by filing a written request with the bureau of endangered resources.

**Note:** The mailing address for the Bureau of Endangered Resources is Department of Natural Resources, P.O. Box 7921, Madison, WI 53707.

(2) **PUBLIC COMMENT.** (a) A minimum of 2 weeks from the date the news release or notice was distributed to news media under sub. (1) (b) or mailed under sub. (1) (c), whichever is later, shall be allowed for the receipt of public comment on the proposed taking.

(b) The department shall consider all public comment on the application if received within the comment period by the bureau of endangered resources by mail or delivered to its offices in Madison, Wisconsin.

**(3) PUBLIC RECORD TREATMENT.** Any application, conservation plan and implementing agreement submitted under s. 29.415 (6m), Stats., shall be available for review at the offices of the bureau of endangered resources in Madison, Wisconsin. Any request for a copy of those documents, shall be considered a public record request and provided subject to payment of copying charges consistent with subch. II, ch. 19, Stats., and rules adopted by the department.

**Note:** The offices of the bureau of endangered resources are located at 101 South Webster Street, Madison, Wisconsin.

**History:** Emerg. cr. eff. 11-18-96; cr. Register, April, 1998, No. 508, eff. 5-1-98