

Chapter NR 27

ENDANGERED AND THREATENED SPECIES

NR 27.01 Definitions.
 NR 27.02 Scope and applicability.
 NR 27.03 Department list.
 NR 27.04 Revision of Wisconsin endangered and threatened species lists.

NR 27.05 Permits for endangered and threatened species.
 NR 27.06 Exceptions to permit requirements.
 NR 27.07 Incidental take applications.

Note: Chapter NR 27 as it existed on September 30, 1979 was repealed and a new chapter NR 27 was created effective October 1, 1979.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. 29.604, 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. 29.604, 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. 29.604, 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 abun-

dance and contribute to the survival of the species' gene pool over time.

(7) "Scientific purposes", as used in s. 29.604, 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. 29.604, 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; corrections in (3), (5), (6), (7) and (9) made under s. 13.93 (2m) (b) 7., Stats., Register, September, 1999, No. 525.

NR 27.02 Scope and applicability. This chapter contains rules necessary to implement s. 29.604, 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; correction made under s. 13.93 (2m) (b) 7., Stats., Register, September, 1999, No. 525.

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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals</i>				
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 variani</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 (=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 (=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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals – continued</i>				
13. Aye-Aye	<i>Daubentonia madagascariensis</i>	Malagasy Republic (=Madagascar)	do	E
14. Babiroussa	<i>Babyrousa babyroussa</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 (=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 athabascaae</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 rufomitratatus</i>	Kenya	do	E

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) Mammals – continued				
50. Colobus, Zanzibar red	<i>Colobus kirkii</i>	Tanzania	do	E
51. Cougar, eastern	<i>Felis concolor couguar</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 cedronsensis</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 macneilii</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>	Equatoria 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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals – continued</i>				
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 antisimensis</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 yagouarundi</i>	U.S.A. (TX), Mexico	Entire	E
111. Jaguarundi	<i>Felis yagouarundi fossata</i>	Mexico, Nicaragua	do	E
112. Jaguarundi	<i>Felis yagouarundi panamensis</i>	Nicaragua, Costa Rica, Panama	do	E
113. Jaguarundi	<i>Felis yagouarundi 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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals – continued</i>				
119. Langur, entellus	<i>Presbytis entellus</i>	China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh	do	E
120. Langur, Douc	<i>Pygathrix nemaeus</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, Haplemur, Lepilemur, Microebus, 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>	Napal, 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	T
138. Macaque, Toque	<i>Macaca sinica</i>	Sri Lanka (=Ceylon)	do	T
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	T
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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals – continued</i>				
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 chrysospila</i>	Taiwan	do	E
155. Monkey, black howler	<i>Alouatta pigra</i>	Mexico, Guatamala, 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

Species			Vertebrate population where endangered or threatened		Status
Common name	Scientific name	Historic range			
(a) <i>Mammals – continued</i>					
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</i> (= <i>Paraonyx</i> <i>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>Burrarnys 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</i> <i>peninsularis</i>	Mexico (Baja California)	do		E
201. Pronghorn, Sonoran	<i>Antilocapra americana</i> <i>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</i> <i>costaricensis</i>	Nicaragua, Panama, Costa Rica	do		E
204. Quokka	<i>Setonix brachyurus</i>	Australia	do		E
205. Rabbit, Ryukyu	<i>Pentalagus 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, Lesuer's	<i>Bettongia lesueur</i>	do	do		E

Species			Vertebrate population where endangered or threatened		Status
Common name	Scientific name	Historic range			
(a) <i>Mammals – continued</i>					
213. Rat–kangaroo, plain	<i>Caloprymnus campestris</i>	do	do	do	E
214. Rat–kangaroo, Queensland	<i>Bettongia tropica</i>	do	do	do	E
215. Rhinoceros, black	<i>Diceros bicornis</i>	Sub–Saharan Africa	Sub–Saharan Africa	do	E
216. Rhinoceros, great Indian	<i>Rhinoceros unicornis</i>	India, Nepal	Entire	do	E
217. Rhinoceros, Javan	<i>Rhinoceros sondaicus</i>	Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia	do	do	E
218. Rhinoceros, northern white	<i>Ceratotherium simum cottoni</i>	Zaire, Sudan, Uganda, Central African Republic	do	do	E
219. Rhinoceros, Sumatran	<i>Dicerorhinus (=Didermoceros) sumatrensis</i>	Bangladesh to Vietnam to Indonesia (Borneo)	do	do	E
220. Saki, white–nosed	<i>Chiropotes albanus</i>	Brazil	do	do	E
221. Seal, Caribbean monk	<i>Monachus tropicalis</i>	Caribbean Sea, Gulf of Mexico	do	do	E
222. Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	Hawaiian Archipelago	do	do	E
223. Seal, Mediterranean monk	<i>Monachus monachus</i>	Mediterranean, Northwest African Coast and Black Sea	do	do	E
224. Seledang (=Gaur)	<i>Bos gaurus</i>	Bangladesh, Southeast Asia, India	do	do	E
225. Serow, Sumatran	<i>Capricornis sumatraensis</i>	Sumatra	do	do	E
226. Serval, Barbary	<i>Felis serval constantina</i>	Algeria	do	do	E
227. Shapo	<i>Ovis vignei</i>	Kashmir	do	do	E
228. Shou	<i>Cervus elaphus wallichi</i>	Tibet, Bhutan	do	do	E
229. Siamang	<i>Symphalangus syndactylus</i>	Malaysia, Indonesia	do	do	E
230. Sifakas	<i>Propithecus spp. (fall species)</i>	Malagasy Republic (=Madagascar)	do	do	E
231. Sika (deer), Formosan	<i>Cervus nippon taiouanus</i>	Taiwan	do	do	E
232. Sika (deer), North China	<i>Cervus nippon mandarinus</i>	China (Shantung and Chihli Provinces)	do	do	E
233. Sika (deer), Ryukyu	<i>Cervus nippon keramae</i>	Japan (Ryukyu Island)	do	do	E
234. Sika (deer), Shansi	<i>Cervus nippon grassianus</i>	China (Shansi Province)	do	do	E
235. Sika (deer), South China	<i>Cervus nippon kopschi</i>	Southern China	do	do	E
236. Sloth, Brazilian three–toed	<i>Bradypus torquatus</i>	Brazil	do	do	E
237. Solenodon, Cuban	<i>Atopogale cubana</i>	Cuba	do	do	E
238. Solenodon, Haitian	<i>Solenodon paradoxus</i>	Dominican Republic, Haiti	do	do	E
239. Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	U.S.A. (DelMarVa Peninsula to Southeast PA)	do	do	E
240. Stag, Barbary	<i>Cervus elephus barbarus</i>	Tunisia, Algeria	do	do	E
241. Stag, Kashmir	<i>Cervus elephus hanglu</i>	Kashmir	do	do	E
242. Suni, Zanzibar	<i>Nesotragus moschatus moschatus</i>	Zanzibar (and neighboring states)	do	do	E
243. Tahr, Arabian	<i>Hemitragus jayakari</i>	Oman	do	do	E
244. Tamaraw	<i>Bubalus mindorensis</i>	Philippines	do	do	E
245. Tamarin, golden–rumped (=golden–headed Tamarin; =golden–lion Marmoset)	<i>Leontopithecus (=Leontideus) spp. (all species)</i>	Brazil	do	do	E
246. Tamarin, pied	<i>Saguinus bicolor</i>	Northern Brazil	do	do	E
247. Tamarin, white–footed	<i>Saguinus leucopus</i>	Northern Colombia	do	do	T

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(a) <i>Mammals – continued</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	T
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	T
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	T
281. Zebra, mountain	<i>Equus zebra zebra</i>	South Africa	do	E

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds</i>				
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	T
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 nesioties</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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
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. Curlew, 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>Gallicolumba 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>Pithecophaga 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 to Argentina	do	E
55. Falcon, Eurasian peregrine	<i>Falco peregrinus peregrinus</i>	Europe, Eurasia south to Africa and Mideast	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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
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 (=nene)	<i>Branta sandvicensis</i>	U.S.A. (Hawaii)	do	E
68. Goshawk, Christmas Island	<i>Accipiter fasciatus 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>Rhynchetos 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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
97. Mallard, Marianas	<i>Anas oustaleti</i>	West Pacific Ocean: (Guam, Marianas Island)	do	E
98. Megapode, La Perouse'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) (honeyeater)	<i>Moho braccatus</i>	do	do	E
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: Comoro Island	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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
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>Syrmaticus 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>Syrmaticus ellioti</i>	China	do	E
145. Pheasant, imperial	<i>Lophura imperialis</i>	Vietnam	do	E
146. Pheasant, Mikado	<i>Syrmaticus 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, Swinhoe's	<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>Hemiphaga 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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
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 (flycatcher)	<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>Cinclocerthia ruficauda gutturalis</i>	West Indies: Martinique	do	E

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(b) <i>Birds – continued</i>				
196. Wanderer, plain (collared–hemipode)	<i>Pedionomous 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 luscinia</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>Leucopezza 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, Tristam’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) <i>Reptiles</i>				
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))	T
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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(c) Reptiles – Continued				
8. Boa, Mona	<i>Epicrates monensis monensis</i>	U.S.A. (Puerto Rico)	do	T
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 apaporiensis</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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(c) <i>Reptiles – Continued</i>				
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, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand	do	E
44. Monitor, desert	<i>Varanus griseus</i>	North Africa to Neareast, Caspian Sea through U.S.S.R. to Pakistan, Northwest India	do	E
45. Monitor, Komodo Island	<i>Varanus komodensis</i>	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 Cienegas softshell	<i>Trionyx ater</i>	Mexico	do	E
67. Turtle, geometric	<i>Geochelone geometrica</i>	Union of South Africa	do	E

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(c) <i>Reptiles – Continued</i>				
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>Dermochelys 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) <i>Amphibians</i>				
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	T
10. Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	U.S.A. (California)	do	E
11. Salamander, Texas blind	<i>Typhlomolge 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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(e) <i>Fishes</i>				
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, Pahranagat	<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 cahnii</i>	U.S.A. (TN, VA)	do	T
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-üi	<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	T
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	T
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 amistadensis</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, Pahrup	<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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(e) <i>Fishes – Continued</i>				
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	T
55. Trout, Paiute cutthroat	<i>Salmo clarki seleniris</i>	do	do	T
56. Woundfin	<i>Plagopterus argentissimus</i>	U.S.A. (AZ, NV, UT)	do	E
(f) <i>Snails</i>				
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) <i>Clams</i>				
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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(g) <i>Clams – Continued</i>				
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>Megaloniaias 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>Cyrtonaias 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) <i>Crustaceans</i>				
1. Isopod, Socorro	<i>Thermosphaeroma (=Exosphaeroma) thermophilus</i>	U.S.A. (New Mexico)	NA	E
(i) <i>Insects</i>				
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	T
3. Butterfly, Bahama swallowtail	<i>Papilio andraemon bonhotei</i>	U.S.A. (FL), Bahamas	NA	T
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

Species			Vertebrate population where endangered or threatened	Status
Common name	Scientific name	Historic range		
(i) <i>Insect. – Continued</i>				
8. Butterfly: Oregon silverspot	<i>Speyeria zerene hippolyta</i>	Oregon, Washington	NA	T
9. Butterfly: Palos Verdes blue	<i>Glaucoopsyche 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 (=Shijimiaeooides) 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</i> -- <i>Water-plantain family:</i>	Bunched arrowhead	U.S.A. (NC, SC)		E
a. <i>Sagittaria fasciculata</i>				
2. <i>Asteraceae</i> -- <i>Aster family:</i>				
a. <i>Echinacea tenesseeensis</i>	Tennessee purple coneflower	U.S.A. (TN)		E
b. <i>Lipochaeta venosa</i>	None	U.S.A. (HI)		E
3. <i>Berberidaceae</i> -- <i>Barberry family:</i>				
a. <i>Berberis sonnei</i>	Truckee barberry	U.S.A. (CA)		E
4. <i>Betulaceae</i> -- <i>Birch family:</i>				
a. <i>Betula uber</i>	Virginia round-leaf birch	U.S.A. (VA)		E
5. <i>Brassicaceae</i> -- <i>Mustard family:</i>				
a. <i>Arabis mcdonaldiana</i>	McDonald's rock-cress	U.S.A. (CA)		E
b. <i>Erysimum capitatum</i> var. <i>angustatum</i>	Contra Costa wallflower	do		E
6. <i>Cactaceae</i> -- <i>Cactus family:</i>				
a. <i>Ancistrocactus tobuschii</i> (= <i>Echinocactus</i> t., <i>Mammillaria</i> t.)	Tobusch fishhook cactus	U.S.A. (TX)		E
b. <i>Coryphantha minima</i> (= <i>C. nellieae</i> , <i>Escobaria</i> n., <i>Mammillaria</i> n.)	Nellie cory cactus	do		E
c. <i>Coryphantha ramillosa</i>	Bunched cory cactus	U.S.A. (TX), Mexico (Coahuila)		T
d. <i>Coryphantha sneedii</i> var. <i>leei</i> (= <i>Escobaria</i> l., <i>Mammillaria</i> L.)	Lee pincushion cactus	U.S.A. (NM)		T
e. <i>Coryphantha sneedii</i> var. <i>sneedii</i> (= <i>Escobaria</i> s., <i>Mammillaria</i> s.)	Sneed pincushion cactus	U.S.A. (TX, NM)		E
f. <i>Echinocactus horizontalonius</i> var. <i>nicholii</i>	Nichol's Turk's head cactus	U.S.A. (AZ)		E
g. <i>Echinocereus engelmannii</i> var. <i>purpureus</i>	Purple-spined hedgehog cactus	U.S.A. (UT)		E
h. <i>Echinocereus kuenzleri</i> (= <i>E. hempelii</i> of authors, not Fobe)	Kuenzler hedgehog cactus	U.S.A. (NM)		E
i. <i>Echinocereus lloydii</i> (= <i>E. roetteri</i> var. l.)	Lloyd's hedgehog cactus	U.S. A. (TX)		E

Species				
	Scientific name	Common name	Historic range	Status
(j) Plants – continued				
6. j.	<i>Echinocereus reichenbachii</i> var. <i>albertii</i> (= <i>E. melanocentrus</i>)	Black lace cactus	do	E
k.	<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i> (= <i>E. arizonicus</i>)	Arizona hedgehog cactus	U.S.A. (AZ)	E
L.	<i>Echinocereus triglochidiatus</i> var. <i>inermis</i> (= <i>E. coccineus</i> , var. <i>i.</i> , <i>E. phoeniceus</i> var. <i>i.</i>)	Spineless hedgehog cactus	U.S.A. (CO, UT)	E
m.	<i>Echinocereus viridiflorus</i> var. <i>davisii</i> (= <i>E. davisii</i>)	Davis' green pitaya	U.S.A. (TX)	E
n.	<i>Neolloydia mariposensis</i> (= <i>Echinocactus m.</i> , <i>Echinomastus m.</i>)	Lloyd's Mariposa cactus	do	T
o.	<i>Pediocactus bradyi</i> (= <i>Toumeya 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</i> var. <i>peeblesianus</i> (= <i>Echinocactus p.</i> , <i>Navajoa p.</i> , <i>Toumeya p.</i> , <i>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. whipplei</i> var. <i>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> – Rockrose family:	Mountain golden heather	U.S.A. (NC)	T
a.	<i>Hudsonia montana</i>			
8.	<i>Crassulaceae</i> – Stonecrop family:	Santa Barbara Island	U.S.A. (CA)	E
a.	<i>Dudleya traskiae</i>	live forever		
9.	<i>Cupressaceae</i> – Cypress family:	Chilean false larch (= alerce)	Chile, Argentina	T
a.	<i>Fitzroya cupressoides</i>			
10.	<i>Ericaceae</i> – Heath family:	Raven's manzanita	U.S.A. (CA)	E
a.	<i>Arctostaphylos hookeri</i> ssp. <i>ravenii</i>			
b.	<i>Rhododendron chapmanii</i>	Chapman rhododendron	U.S.A. (FL)	E
11.	<i>Fabaceae</i> – Pea family:	Rydberg milk-vetch	U.S.A. (UT)	T
a.	<i>Astragalus perianus</i>			
b.	<i>Baptisia arachnifera</i>	Hairy rattleweed	U.S.A. (GA)	E
c.	<i>Lotus dendroideus</i> (= <i>scoparius</i>) ssp. <i>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> – Waterleaf family:	None	U.S.A. (UT)	E
a.	<i>Phacelia argillacea</i>			
13.	<i>Lamiaceae</i> – Mint family:	do	U.S.A. (HI)	E
a.	<i>Haplostachys haplostachya</i> var. <i>angustifolia</i>			

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

Species			
Scientific name	Common name	Historic range	Status
(j) <i>Plants – continued</i>			
13.d. <i>Stenogyne angustifolia</i> var. <i>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-oclock family</i> :			
a. <i>Mirabilis macfarlanei</i>	MacFarlane's four-oclock	U.S.A. (ID, OR)	E
17. <i>Onagraceae</i> -- <i>Evening-primrose family</i> :			
a. <i>Oenothera avita</i> ssp. <i>eurekaensis</i>	Eureka Valley evening-primrose	U.S.A. (CA)	E
b. <i>Oenothera deltoides</i> ssp. <i>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 kinkiense</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>Sarraceniaceae</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 paintbrush	U.S.A. (CA)	E
b. <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	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*. 3m. Snowy Egret – *Egretta thula*. 4. Peregrine Falcon – *Falco peregrinus* (also U.S. Endangered).
- (b) *Birds*. 1. Piping Plover – *Charadrius melodus*. 2. Trumpeter Swan – *Cygnus buccinator*. 5. Worn-Eating Warbler – *Helmitheros vermivorus*. 3. Yellow-Throated Warbler – *Denroica dominica*. 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 duaguensnei*.
- 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 – *Anepeorus simplex*.
- 2m. Swamp Metalmark Butterfly – *Calephelis mutica*.
- 3. Northern Blue Butterfly – *Lycaeides idas*.
- 4. Giant Carrion Beetle – *Nicrophorus americanus*.
- 5. Powesheik Skipper – *Oarisma powesheik*.
- 6. Extra-striped Snaketail Dragonfly – *Ophiogomphus anomalos*.
- 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. Asplenun trichomanes – namosum – Green Spleenwort (Polypodiaceae: Fern Family).
- 6. Astragalus alpinus – Alpine Milk Vetch (Fabaceae: Bean Family).
- 7. Astragalus crasscarpus – 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. Conioselinum 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 wolffii – 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. *Orobanche 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*. 1. Gray wolf – *Canis lupus* (also U.S. endangered).
- (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 violaceus*.
 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 darner dragonfly – *Aeshna mutata*.
 2. Frosted Elfin – *Incisalia irus*.
 2m. A Prairie Leafhopper – *Polyamia dilata*.
 2t. Pygmy Snaketail Dragonfly – *Ophiogomphus howei*.
- (g) *Mussels*. 2. Slippershell – *Alasmidonta viridis*.
 3. Rock Pocketbook – *Arcidens confragosus*.
 4. Monkeyface – *Quadrula metanevra*.
 5. Wartyback – *Quadrula nodulata*.
 6. Salamander Mussel – *Simpsonaias ambigua*.
 7. Buckhorn – *Tritigonia 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 (Callitrichaceae: 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 gattingeri* – 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 sphaerocarum* – 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.; renum. (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., renum. (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., renum. (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., 4c., 4i., 4o., 4t., 5m., 13m., 15h., 15q., 17m., and 29m., Register March, 1985, No. 351, eff. 4-1-85; r. (3) (b) 2., renum. (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., renum. (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; r. (2) (a) 3., am. (3) (a), Register, September, 1999, No. 525, eff. 10-1-99.

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. 29.604, 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 propagate 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; correction in (1) made under s. 13.93 (2m) (b) 7., Stats., Register, September, 1999, No. 525.

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 pur-

poses 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. 29.604 (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. 29.604 (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. 29.604 (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. 29.604 (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. 29.604 (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 of 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; corrections in (1) (a), (c) and (3) made under s. 13.93 (2m) (b) 7., Stats., Register, September, 1999, No. 525.