

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA



Sixteenth meeting of the Animals Committee
Shepherdstown (United States of America), 11-15 December 2000

Registration and monitoring of animal species bred in captivity (Resolution Conf. 11.14 and Decision 11.101)

RESPONSE TO NOTIFICATION TO THE PARTIES NO. 2000/044

This document has been prepared by the Secretariat.

1. At its 11th meeting, the Conference of the Parties decided to restrict the registration by the Secretariat of operations breeding Appendix-I species in captivity for commercial purposes to those breeding species that are critically endangered in the wild and/or known to be difficult to breed or keep in captivity, and that such species should be listed in Annex 3 of Resolution Conf. 11.14.
2. At the same meeting, the Conference also decided that the Animals Committee should consider nominations by range States for the inclusion of Appendix-I species in that Annex and compile a list of species for approval by the Standing Committee (see Decision 11.101 and Resolution Conf. 11.14).
3. The Secretariat accordingly invited such nominations through Notification to the Parties No. 2000/044 (see Annex 1). The Parties were also invited to provide the criteria on the basis of which it was established that the species concerned were critically endangered in the wild or difficult to keep or breed in captivity.
4. Responses were received from Australia (country code AU), Cuba (CU), India (IN), Peru (PE), Switzerland (CH), the United Kingdom (GB) and the United States of America (US) before the deadline of 1 October 2000 and are summarized in Annex 2. The full documents received from Parties will be provided at the 16th meeting of the Animals Committee in the form and language in which they were received. Late submissions, if any, will similarly only be provided at the meeting.
5. Document Com. 11.28 referred specifically to the nomination of "species under (the) jurisdiction" of the Party concerned, but this phrase was deleted from the amended text as reflected in document Com.II.11.12. Nominations of species by range States are nevertheless indicated in Annex 2 by country codes in **bold**, based on information provided by that Party or with reference to the CITES species database maintained by UNEP-WCMC (although an exhaustive check could not be done in each case owing to a lack of time).
6. It was recognized at CoP11 that the terms "critically endangered in the wild" and "difficult to breed or keep in captivity" should be clarified by the Animals Committee. The Committee therefore needs to consider how it wishes to interpret these terms. The Secretariat considers that the IUCN definition of "critically endangered" would be appropriate and that the most recent list of species classified as

Critically Endangered in the 2000 IUCN Red List of Threatened Species (Hilton-Taylor, 2000) would provide a convenient starting point. As far as could be determined, there is no comparable definition or classification system for "difficult to breed or keep in captivity".

7. In addition, the Secretariat has become aware of a further need to clarify the use of these criteria for including a species in Annex 3 of Resolution Conf. 11.14. The phrase means that a species should be listed if it is either critically endangered in the wild **or** difficult to keep **or** difficult to breed in captivity. The Secretariat is concerned that the conservation value of the registration process may somehow be lost unless the Committee is able to focus as a priority on species for which the registration of commercial captive breeding operations holds some conservation benefits (for example, where it can be inferred that wild specimens of the species are in demand for captive breeding operations), rather than including a plethora of species that are of no commercial or captive breeding interest. The Committee may therefore wish to consider first those species for which there is some likelihood of commercial trade or trade demand for captive-bred specimens of such species. References to the presence of species and their husbandry or breeding success in zoos, as evident from several submissions received, may be somewhat misleading, as zoos are generally not engaged in production of species for the purposes of commercial trade. The Secretariat therefore recommends that the Committee should focus, at this stage of the process, on compiling a list of Appendix-I species that are critically endangered in the wild **and** subject to trade in captive-bred specimens for commercial purposes.
8. As a crude measure of potential demand for live specimens, the Secretariat obtained from UNEP-WCMC gross trade figures for all trade in all specimens, for any purpose, for the previous 10 years, for all Appendix-I species classified as Critically Endangered in Hilton-Taylor (2000). These data are also included in Annex 2. The Secretariat has not been able to confirm that all Appendix-I species have been evaluated for the latest list of threatened species and is also aware that current status classifications refer in a few cases to taxonomic interpretations not used in CITES, with corresponding difficulties in assessing the levels of trade in such taxa. Relatively few critically endangered species nevertheless appear frequently in international trade, and the Secretariat considers that those species should be considered for inclusion in the list as a first step (without suggesting that other species should not be included).
9. The Secretariat therefore suggests that the Committee consider the information received from Parties in the light of the views expressed in paragraphs 6 and 7 and prepare a final list for approval by the Standing Committee and subsequent inclusion in Annex 3 of Resolution Conf. 11.14.
10. Although not explicitly stated in either the Resolution or the Decision, the inclusion of species in Annex 3 of the Resolution will be an ongoing process and the Animals Committee will be in a position to propose amendments to such a list. The Committee may wish to consider the process that it will follow concerning future amendments of the list of species that it would recommend for inclusion in Annex 3 to the Standing Committee.

Reference

Hilton-Taylor, C. (Compiler) 2000. 2000 IUCN Red List of Threatened Species. IUCN, Gland, Switzerland and Cambridge, United Kingdom.

Notification to the Parties No. 2000/044

No. 2000/044

Geneva, 31 July 2000

CONCERNING:

Species critically endangered in the wild or difficult to keep or breed in captivity

1. At its 11th meeting, the Conference of the Parties adopted guidelines for a procedure to register and monitor operations that breed Appendix-I animal species for commercial purposes (Resolution Conf. 11.14).
2. The Conference of the Parties also agreed that the procedure for registration should apply to operations breeding Appendix-I species included in Annex 3 to Resolution Conf. 11.14 that are critically endangered in the wild and/or known to be difficult to keep or breed in captivity.
3. At its 11th meeting, the Conference of the Parties directed the Secretariat to issue a Notification to the Parties seeking nominations from Parties of Appendix-I species that are critically endangered in the wild and/or known to be difficult to breed or keep in captivity.
4. At its 16th meeting (11-15 December 2000, Western Virginia, United States of America) the Animals Committee will consider the information received and prepare a final list for approval by the Standing Committee and subsequent inclusion in Annex 3 of Resolution Conf. 11.14.
5. Through this Notification, the Secretariat invites Parties to provide it with the information referred to in paragraph 3. above.
6. The Parties are also invited to provide with the list of species, the criteria on the basis of which it was established that the species concerned were 'critically endangered in the wild' or 'difficult to keep or breed in captivity'.
7. In order to be able to prepare the documentation for consideration by the Animals Committee in a timely manner, the Parties are requested to provide their nominations no later than **1 October 2000**.

Summary of nominations received of Appendix-I species that are considered to be critically endangered in the wild and/or known to be difficult to keep or breed in captivity

	Appendix-I Taxa (names of nominated species in bold if higher taxon is included in Appendix I; annotations as in Appendices I and II; species classified as Critically Endangered in the 2000 IUCN Red List of Threatened Species are indicated with #)	Nominations received from Parties (country code in bold if range State of App.-I populations; gross 10-year trade in live specimens indicated in figures for Critically Endangered species)
F A U N A		
CHORDATA		
<u>MAMMALIA</u>		
MONOTREMATA		
Tachyglossidae		
DASYUROMORPHIA		
Dasyuridae	<i>Sminthopsis longicaudata</i> <i>Sminthopsis psammophila</i>	AU AU
Thylacinidae	<i>Thylacinus cynocephalus</i> p.e.	
PERAMELEMORPHIA		
Peramelidae	<i>Chaeropus ecaudatus</i> p.e. <i>Macrotis lagotis</i> <i>Macrotis leucura</i> <i>Perameles bougainville</i>	AU AU
DIPROTODONTIA		
Vombatidae	# <i>Lasiorhinus krefftii</i>	AU,CH
Macropodidae	<i>Lagorchestes hirsutus</i> <i>Lagostrophus fasciatus</i> <i>Onychogalea fraenata</i> <i>Onychogalea lunata</i>	AU, CH, US AU, US AU, US US
Potoroidae	<i>Bettongia</i> spp. <i>Bettongia gaimardi</i> <i>Bettongia lesueri</i> <i>Caloprymnus campestris</i> p.e.	AU US US

CHIROPTERA

Pteropodidae	<i>Acerodon jubatus</i>	US	
	<i>Acerodon lucifer</i> p.e.		
	# <i>Pteropus insularis</i>	CH, US	
	<i>Pteropus mariannus</i>	US	
	# <i>Pteropus molossinus</i>	CH	
	<i>Pteropus phaeocephalus</i>	CH	
	<i>Pteropus pilosus</i>		
	<i>Pteropus samoensis</i>	US	
	<i>Pteropus tonganus</i>	US	

PRIMATES

Lemuridae	Lemuridae spp.		
	<i>Eulemur coronatus</i>	US	
	<i>Eulemur fulvus</i>	US	
	# <i>Eulemur macaco</i>	CH, US	< 50
	<i>Eulemur mongoz</i>	US	
	# <i>Eulemur rubriventer</i>	US	
	<i>Hapalemur aureus</i>	CH, US	< 10
	# <i>Hapalemur simus</i>	CH, US	< 10
	<i>Lemur catta</i>	US	
	# <i>Varecia variegata</i>	CH, US	< 50
Megaladapidae	Megaladapidae spp. = 303		
	<i>Lepilemur</i> spp.	US	
Cheirogaleidae	Cheirogaleidae spp.		
	<i>Allocebus trichotis</i>	CH, US	
	<i>Cheirogales</i> spp.	US	
	<i>Microcebus</i> spp.	US	
	<i>Phaner furcifer</i>		
Indridae	Indridae spp.		
	<i>Avahi laniger</i>	US	
	<i>Indri indri</i>	US	
	<i>Propithecus diadema</i>	CH, US	
	<i>Propithecus tattersalli</i>	CH, US	
	<i>Propithecus verreauxi</i>	CH, US	
Daubentoniidae	<i>Daubentonia madagascariensis</i>	US	
Callithricidae	<i>Callimico goeldii</i>	US	
	<i>Callithrix aurita</i> = 304	US	
	<i>Callithrix flaviceps</i> = 304	US	
	<i>Leontopithecus</i> spp. = 305		
	<i>Leontopithecus caissara</i>	CH, US	
	# <i>Leontopithecus chrysomela</i>	US	< 100
	# <i>Leontopithecus chrysopygus</i>	CH, US	< 50
	# <i>Leontopithecus rosalia</i>	CH, US	< 500
	<i>Saguinus bicolor</i>	US	
	<i>Saguinus geoffroyi</i> = 306	US	
	<i>Saguinus leucopus</i>	US	
	<i>Saguinus oedipus</i>	US	

Cebidae	<i>Alouatta coibensis</i> = 307	US	
	<i>Alouatta palliata</i>	CH, PE, US	
	<i>Alouatta pigra</i> = 308	US	
	<i>Ateles geoffroyi frontatus</i>	US	
	<i>Ateles geoffroyi panamensis</i>	US	
	# <i>Brachyteles arachnoides</i>	US	< 10
	<i>Cacajao</i> spp.		
	<i>Cacajao calvus</i>	PE, US	
	<i>Cacajao melanocephalus</i>	US	
	<i>Chiropotes albinasus</i>	US	
	<i>Lagothrix flavicauda</i>	PE, US	
<i>Saimiri oerstedii</i>	CH, US		
Cercopithecidae	<i>Cercocebus galeritus galeritus</i>	US	
	<i>Cercopithecus diana</i> = 309	US	
	<i>Macaca silenus</i>	US	
	<i>Mandrillus leucophaeus</i> = 310	US	
	<i>Mandrillus sphinx</i> = 310	US	
	<i>Nasalis concolor</i> = 311	US	
	<i>Nasalis larvatus</i>	US	
	<i>Presbytis potenziani</i>	US	
	<i>Procolobus pennantii kirkii</i> = 312	US	
	<i>Procolobus rufomitratu</i> = 313	US	
	<i>Pygathrix</i> spp. = 314	US	
	<i>Semnopithecus entellus</i> = 315	IN, US	
	<i>Trachypithecus geei</i> = 316	IN, US	
<i>Trachypithecus pileatus</i> = 317	IN, US		
Hylobatidae	Hylobatidae spp.	US	
	# <i>Hylobates moloch</i>	CH, IN	< 20
Hominidae	<i>Gorilla gorilla</i>	CH, US	
	<i>Pan</i> spp.	US	
	<i>Pongo pygmaeus</i>	US	
XENARTHRA			
Dasypodidae	<i>Priodontes maximus</i> = 319		
LAGOMORPHA			
Leporidae	<i>Caprolagus hispidus</i>	IN, US	
	<i>Romerolagus diazi</i>		
RODENTIA			
Sciuridae	<i>Cynomys mexicanus</i>		
Muridae	<i>Leporillus conditor</i>	AU	
	<i>Pseudomys praeconis</i>	AU	
	<i>Xeromys myoides</i>	AU	
	<i>Zyzomys pedunculatus</i>	AU	
Chinchillidae	<i>Chinchilla</i> spp. °602		
	# <i>Chinchilla brevicaudata</i>	CH, PE, US	
	<i>Chinchilla lanigera</i>	US	

CETACEA

Platanistidae	<i>Lipotes vexillifer</i> <i>Platanista</i> spp. <i>Platanista gangetica</i>	CH, US US IN
Ziphiidae	<i>Berardius</i> spp. <i>Berardius arnuxii</i> <i>Hyperoodon</i> spp. <i>Hyperoodon planifrons</i>	US AU US AU
Physeteridae	<i>Physeter catodon</i> = 320	AU, US
Delphinidae	<i>Sotalia</i> spp. <i>Sousa</i> spp. <i>Sousa chinensis</i>	US US AU, IN
Phocoenidae	<i>Neophocaena phocaenoides</i> # <i>Phocoena sinus</i>	AU CH, US
Eschrichtiidae	<i>Eschrichtius robustus</i> = 321	US
Balaenopteridae	<i>Balaenoptera acutorostrata</i> ** -101 <i>Balaenoptera bonaerensis</i> = 473 <i>Balaenoptera borealis</i> <i>Balaenoptera edeni</i> <i>Balaenoptera musculus</i> <i>Balaenoptera physalus</i> <i>Megaptera novaeangliae</i>	AU, US AU, US AU, US AU, US AU, US AU, US AU, US
Balaenidae	# <i>Balaena mysticetus</i> <i>Eubalaena</i> spp. = 322 <i>Eubalaena australis</i>	US US AU
Neobalaenidae	<i>Caperea marginata</i>	AU, US
CARNIVORA		
Canidae	<i>Canis lupus</i> ** + 201 <i>Speothos venaticus</i>	IN, US US
Ursidae	<i>Ailuropoda melanoleuca</i> <i>Ailurus fulgens</i> <i>Helarctos malayanus</i> <i>Melursus ursinus</i> <i>Tremarctos ornatus</i> <i>Ursus arctos</i> ** + 202 <i>Ursus arctos isabellinus</i> <i>Ursus thibetanus</i> = 326	US US IN, US IN, US US US IN, US CH, IN, US
Mustelidae		
Lutrinae	<i>Aonyx congicus</i> ** + 203 = 327 <i>Enhydra lutris nereis</i> <i>Lontra felina</i> = 328 <i>Lontra longicaudis</i> = 329 <i>Lontra provocax</i> = 328	US PE, US PE, US US

	<i>Lutra lutra</i>	IN, US	
	<i>Pteronura brasiliensis</i>	PE, US	
Mustelinae	<i>Mustela nigripes</i>		
Viverridae	<i>Prionodon pardicolor</i>	IN, US	
Felidae	<i>Acinonyx jubatus</i> °603	CH, IN, US	
	<i>Caracal caracal</i> ** + 204 = 332	IN, US	
	<i>Catopuma temminckii</i> = 333	IN, US	
	<i>Felis nigripes</i>	US	
	<i>Herpailurus yaguarondi</i> ** + 205 = 333	US	
	<i>Leopardus pardalis</i> = 333	US	
	<i>Leopardus tigrinus</i> = 333	US	
	<i>Leopardus wiedii</i> = 333	US	
	<i>Lynx pardinus</i> = 334	US	
	<i>Neofelis nebulosa</i>	IN, US	
	<i>Oncifelis geoffroyi</i> = 333	US	
	<i>Oreailurus jacobita</i> = 333	US	
	# <i>Panthera leo persica</i>	IN, US	< 100
	<i>Panthera onca</i>	US	
	<i>Panthera pardus</i>	IN, US	
	<i>Panthera pardus nimr</i>	CH	
	# <i>Panthera pardus orientalis</i>	CH	< 50
	<i>Panthera pardus panthera</i>	CH	
	<i>Panthera pardus tulliana</i>	CH	
	<i>Panthera tigris</i>	IN, US	
	# <i>Panthera tigris altaica</i>	CH	< 500
	<i>Panthera tigris amoyensis</i>	CH	
	# <i>Panthera tigris sumatrae</i>	CH	< 100
	<i>Panthera tigris tigris</i>	IN	
	<i>Pardofelis marmorata</i> = 333	IN, US	
	<i>Prionailurus bengalensis bengalensis</i> ** + 206 = 333	IN, US	
	<i>Prionailurus planiceps</i> = 333	US	
	<i>Prionailurus rubiginosus</i> ** + 207 = 333	IN, US	
	<i>Puma concolor coryi</i> = 333	CH, US	
	<i>Puma concolor costaricensis</i> = 333	US	
	# <i>Puma concolor cougar</i> = 333	CH, US	
	<i>Uncia uncia</i> = 335	IN, US	
Otariidae	<i>Arctocephalus townsendi</i>		
Phocidae	<i>Monachus</i> spp.		
	# <i>Monachus monachus</i>	CH, US	
	<i>Monachus schauinslandi</i>	CH, US	
PROBOSCIDEA			
Elephantidae	<i>Elephas maximus</i>	IN, US	
	<i>Loxodonta africana</i> ** -103	US	

SIRENIA

Dugongidae	<i>Dugong dugon</i>	AU, IN	
Trichechidae	<i>Trichechus inunguis</i> <i>Trichechus manatus</i>		

PERISSODACTYLA

Equidae	# <i>Equus africanus</i> = 336 <i>Equus grevyi</i> <i>Equus hemionus hemionus</i> <i>Equus onager khur</i> = 337 <i>Equus przewalskii</i> = 338 <i>Equus zebra zebra</i>	CH IN	< 50
Tapiridae	Tapiridae spp. ** <i>Tapirus bairdii</i> <i>Tapirus indicus</i> <i>Tapirus pinchaque</i>	CH CH CH, PE	
Rhinocerotidae	Rhinocerotidae spp. ** + 210 °605 # <i>Ceratotherium simum cottoni</i> <i>Ceratotherium simum simum</i>** # <i>Dicerorhinus sumatrensis</i> # <i>Diceros bicornis</i> # <i>Rhinoceros sondaicus</i> <i>Rhinoceros unicornis</i>	CH, US CH, US CH, US CH, US IN, US	< 10 < 10 < 100

ARTIODACTYLA

Suidae	<i>Babyrousa babyrussa</i> # <i>Sus salvanius</i>	CH, IN , US	
Tayassuidae	<i>Catagonus wagneri</i>	US	
Camelidae	<i>Vicugna vicugna</i> ** -106	US	
Moschidae	<i>Moschus</i> spp. ** + 212	(CH) IN , US	
Cervidae	<i>Axis calamianensis</i> = 340 <i>Axis kuhlii</i> = 341 <i>Axis porcinus annamiticus</i> = 342 <i>Blastocerus dichotomus</i> <i>Cervus duvaucelii</i> <i>Cervus eldii</i> <i>Dama mesopotamica</i> = 343 <i>Hippocamelus</i> spp. <i>Megamuntiacus vuquanghensis</i> <i>Muntiacus crinifrons</i> <i>Ozotoceros bezoarticus</i> <i>Pudu puda</i>	US US US PE , US CH, IN , US CH, IN , US US US US US US	
Antilocapridae	# <i>Antilocapra americana</i> + 213	CH	

Bovidae	# <i>Addax nasomaculatus</i>		< 200
	<i>Bos gaurus</i> = 344 °602	IN	
	<i>Bos mutus</i> = 345 °602	IN	
	<i>Bos sauveli</i> = 346	CH	
	<i>Bubalus depressicornis</i> = 347		
	<i>Bubalus mindorensis</i> = 347		
	<i>Bubalus quarlesi</i> = 347		
	<i>Capra falconeri</i>	CH, IN, US	
	<i>Cephalophus jentinki</i>	US	
	<i>Gazella dama</i>	US	
	# <i>Hippotragus niger variani</i>	CH, US	
	<i>Naemorhedus baileyi</i> = 349	IN, US	
	<i>Naemorhedus caudatus</i> = 349	US	
	<i>Naemorhedus goral</i>	IN, US	
	<i>Naemorhedus sumatraensis</i> = 350	IN, US	
	# <i>Oryx dammah</i> = 351	CH, US	< 200
	<i>Oryx leucoryx</i>	US	
	<i>Ovis ammon hodgsonii</i>	IN, US	
	# <i>Ovis ammon nigrimontana</i>	CH, US	
	<i>Ovis orientalis ophion</i> = 352	US	
	<i>Ovis vignei vignei</i> = 353	IN, US	
	<i>Pantholops hodgsonii</i>	IN, US	
	<i>Pseudoryx nghetinhensis</i>	US	
	<i>Rupicapra pyrenaica ornata</i> = 354	US	

AVES

STRUTHIONIFORMES

Struthionidae *Struthio camelus* + 214

RHEIFORMES

Rheidae *Rhea pennata* ** -110 = 355 PE

TINAMIFORMES

Tinamidae *Tinamus solitarius*

SPHENISCIFORMES

Spheniscidae *Spheniscus humboldti*

PODICIPEDIFORMES

Podicipedidae *Podilymbus gigas*

PROCELLARIIFORMES

Diomedeidae *Diomedea albatrus*

PELECANIFORMES

Pelecanidae *Pelecanus crispus*

Sulidae	<i>Papasula abbotti</i> = 356	AU	
Fregatidae	<i>Fregata andrewsi</i>	AU	
CICONIIFORMES			
Ciconiidae	<i>Ciconia boyciana</i> = 357	IN, US	
	<i>Jabiru mycteria</i>	US	
	<i>Mycteria cinerea</i>	US	
Threskiornithidae	# <i>Geronticus eremita</i>	CH, US	< 300
	# <i>Nipponia nippon</i>	CH, US	< 10
Phoenicopteridae			
ANSERIFORMES			
Anatidae	<i>Anas aucklandica</i> = 358		
	<i>Anas laysanensis</i> = 359		
	<i>Anas oustaleti</i> = 360		
	<i>Branta canadensis leucopareia</i>		
	<i>Branta sandvicensis</i>		
	<i>Cairina scutulata</i>	IN	
	# <i>Rhodonessa caryophyllacea</i> p.e.	CH, IN, US	
FALCONIFORMES			
Cathartidae	<i>Gymnogyps californianus</i>	CH	
	<i>Vultur gryphus</i>		
Accipitridae	<i>Aquila adalberti</i> = 361	US	
	<i>Aquila heliaca</i>	IN, US	
	<i>Chondrohierax uncinatus wilsonii</i>	US	
	= 362		
	<i>Haliaeetus albicilla</i>	IN, US	
	<i>Haliaeetus leucocephalus</i>	US	
	<i>Harpia harpyja</i>	US	
	# <i>Pithecophaga jefferyi</i>	CH	< 10
Falconidae	<i>Falco araea</i>	US	
	<i>Falco jugger</i>	IN, US	
	<i>Falco newtoni</i> ** + 215	US	
	<i>Falco pelegrinoides</i> = 363	US	
	<i>Falco peregrinus</i>	AU	
	<i>Falco punctatus</i>	US	
	<i>Falco rusticolus</i>	US	
GALLIFORMES			
Megapodiidae	<i>Macrocephalon maleo</i>	US	
Cracidae	<i>Crax blumenbachii</i>	CH, US	
	<i>Mitu mitu</i> = 364	US	
	<i>Oreophasis derbianus</i>	US	
	# <i>Penelope albipennis</i>	CH, PE, US	< 10
	<i>Pipile jacutinga</i> = 365a	US	
	# <i>Pipile pipile</i> = 365b	CH, US	< 100

Phasianidae	<i>Catreus wallichii</i>	IN
	<i>Colinus virginianus ridgwayi</i>	
	<i>Crossoptilon crossoptilon</i>	
	<i>Crossoptilon harmani</i> = 366	
	<i>Crossoptilon mantchuricum</i>	
	<i>Lophophorus impejanus</i>	CH, IN
	<i>Lophophorus lhuysii</i>	US
	<i>Lophophorus sclateri</i>	IN, US
	<i>Lophura edwardsi</i>	CH, US
	<i>Lophura imperialis</i>	US
	<i>Lophura swinhoii</i>	
	<i>Polyplectron emphanum</i>	
	<i>Rheinardia ocellata</i> = 368	
	<i>Syrmaticus ellioti</i>	
	<i>Syrmaticus humiae</i>	IN
	<i>Syrmaticus mikado</i>	
	<i>Tetraogallus caspius</i>	US
<i>Tetraogallus tibetanus</i>	IN, US	
<i>Tragopan blythii</i>	IN, US	
<i>Tragopan caboti</i>	US	
<i>Tragopan melanocephalus</i>	IN, US	
<i>Tympanuchus cupido attwateri</i>	US	

GRUIFORMES

Gruidae	<i>Grus americana</i>	US
	<i>Grus canadensis nesiototes</i>	CU, US
	<i>Grus canadensis pulla</i>	US
	<i>Grus japonensis</i>	US
	<i>Grus leucogeranus</i>	IN, US
	<i>Grus monacha</i>	US
	<i>Grus nigricollis</i>	IN, US
<i>Grus vipio</i>	US	

Rallidae *Gallirallus sylvestris* = 369

Rhynochetidae *Rhynochetos jubatus*

Otididae	<i>Ardeotis nigriceps</i> = 370	IN
	<i>Chlamydotis undulata</i>	IN
	<i>Eupodotis bengalensis</i> = 371	IN

CHARADRIIFORMES

Scolopacidae	<i>Numenius borealis</i>	CH
	<i>Numenius tenuirostris</i>	CH
	<i>Tringa guttifer</i>	IN

Laridae *Larus relictus*

COLUMBIFORMES

Columbidae	<i>Caloenas nicobarica</i>	IN
	<i>Ducula mindorensis</i>	US

PSITTACIFORMES

Psittacidae

<i>Amazona arausiaca</i>	US	
<i>Amazona barbadensis</i>	US	
<i>Amazona brasiliensis</i>	GB, US	
<i>Amazona guildingii</i>	GB, US	
<i>Amazona imperialis</i>	US	
<i>Amazona leucocephala</i>	CU, US	
<i>Amazona pretrei</i>	GB	
<i>Amazona rhodocorytha</i> = 372	US	
<i>Amazona tucumana</i>	US	
<i>Amazona versicolor</i>	US	
<i>Amazona vinacea</i>	US	
<i>Amazona viridigenalis</i>	US	
<i>Amazona vittata</i>	CH, US	
# <i>Anodorhynchus</i> spp.	US	
# <i>Anodorhynchus leari</i>	CH, GB	< 10
<i>Ara ambigua</i>	US	
# <i>Ara glaucogularis</i> = 373	GB, US	< 300
<i>Ara macao</i>	US	
<i>Ara maracana</i>	US	
<i>Ara militaris</i>	US	
<i>Ara rubrogenys</i>	US	
<i>Aratinga guarouba</i>	US	
<i>Cacatua goffini</i>		
# <i>Cacatua haematuropygia</i>	CH, GB, US	< 300
<i>Cacatua moluccensis</i>	US	
# <i>Cyanopsitta spixii</i>	CH, US	< 20
<i>Cyanoramphus auriceps forbesi</i>	US	
<i>Cyanoramphus cookii</i> = 374	AU, US	
<i>Cyanoramphus novaezelandiae</i>	AU, US	
<i>Cyclopsitta diophthalma coxeni</i> = 375	AU, US	
<i>Eos histrio</i>	US	
<i>Eunymphicus cornutus</i> = 331	US	
<i>Geopsittacus occidentalis</i> p.e. = 376	AU, CH, US	
<i>Neophema chrysogaster</i>	AU, US	
# <i>Ognorhynchus icterotis</i>	CH, US	< 10
<i>Pezoporus wallicus</i>	AU, US	
<i>Pionopsitta pileata</i>	US	
<i>Probosciger aterrimus</i>	AU, GB, US	
<i>Psephotus chrysopterygius</i>	US	
<i>Psephotus dissimilis</i> = 377	AU, US	
<i>Psephotus pulcherrimus</i> p.e.	US	
# <i>Psittacula echo</i> = 378	CH, US	< 10
<i>Pyrhura cruentata</i>	US	
<i>Rhynchopsitta</i> spp.	US	
<i>Strigops habroptilus</i>	US	
<i>Vini ultramarina</i>	US	

STRIGIFORMES

Tytonidae

<i>Tyto soumagnei</i>	US	
-----------------------	----	--

Strigidae	<i>Athene blewitti</i> <i>Mimizuku gurneyi</i> = 380 <i>Ninox novaeseelandiae undulata</i> = 381 <i>Ninox squamipila natalis</i>	CH, IN , US US US AU , US
APODIFORMES		
Trochilidae	<i>Ramphodon dohrnii</i> = 382	CH, US
TROGONIFORMES		
Trogonidae	<i>Pharomachrus mocinno</i>	US
CORACIIFORMES		
Bucerotidae	<i>Aceros nipalensis</i> <i>Aceros subruficollis</i> <i>Buceros bicornis</i> <i>Buceros vigil</i> = 384	IN , US US IN , US US
PICIFORMES		
Picidae	<i>Campephilus imperialis</i> <i>Dryocopus javensis richardsi</i>	CH
PASSERIFORMES		
Cotingidae	<i>Cotinga maculata</i> <i>Xipholena atropurpurea</i>	US US
Pittidae	<i>Pitta gurneyi</i> <i>Pitta kochi</i>	CH, US US
Atrichornithidae	<i>Atrichornis clamosus</i>	AU , US
Hirundinidae	<i>Pseudochelidon sirintarae</i>	CH, US
Muscicapidae	<i>Dasyornis broadbenti litoralis</i> p.e. <i>Dasyornis longirostris</i> = 387 <i>Picathartes gymnocephalus</i> <i>Picathartes oreas</i>	AU , US AU , US US US
Zosteropidae	<i>Zosterops albogularis</i>	AU , CH, US
Meliphagidae	<i>Lichenostomus melanops cassidix</i> = 388	AU , US
Icteridae	<i>Agelaius flavus</i> = 389	US
Fringillidae	<i>Carduelis cucullata</i> = 390	US
Sturnidae	# <i>Leucopsar rothschildi</i>	CH, GB, US < 300

REPTILIA

TESTUDINATA

Emydidae	<i>Batagur baska</i>	IN, US	
	<i>Clemmys muhlenbergi</i>	US	
	<i>Geoclemys hamiltonii</i> = 391	IN, US	
	<i>Kachuga tecta</i> = 392	IN, US	
	<i>Melanochelys tricarinata</i> = 393	IN, US	
	<i>Morenia ocellata</i>	US	
	<i>Terrapene coahuila</i>	US	
Testudinidae	<i>Geochelone nigra</i> = 394	CH, US	
	<i>Geochelone radiata</i> = 395	US	
	<i>Geochelone yniphora</i> = 395	US	
	<i>Gopherus flavomarginatus</i>	US	
	<i>Psammobates geometricus</i> = 395	US	
	<i>Testudo kleinmanni</i>	US	
Cheloniidae	Cheloniidae spp.	US	
	<i>Caretta caretta</i>	AU, IN	
	# <i>Chelonia mydas</i>	CH, IN	< 2 000
	# <i>Eretmochelys imbricata</i>	AU, CH, IN, PE	< 500
	# <i>Lepidochelys kempi</i>	CH	< 3 000
	<i>Lepidochelys olivacea</i>	AU, IN, PE	
	<i>Natator depressus</i>	AU	
Dermochelyidae	# <i>Dermochelys coriacea</i>	AU, IN, PE, US	
Trionychidae	<i>Apalone ater</i> = 396	CH, US	
	<i>Asperidetes gangeticus</i> = 396	IN, US	
	<i>Asperidetes hurum</i> = 396	IN, US	
	<i>Asperidetes nigricans</i> = 396	CH, US	
Chelidae	# <i>Pseudemydura umbrina</i>	AU, CH, US	10
CROCODYLIA Alligatoridae	# <i>Alligator sinensis</i>	CH	< 200
	<i>Caiman crocodilus apaporiensis</i>	US	
	<i>Caiman latirostris</i> ** -110	US	
	<i>Melanosuchus niger</i> ** -111	US	
Crocodylidae	<i>Crocodylus acutus</i>	PE	
	<i>Crocodylus cataphractus</i>	US	
	# <i>Crocodylus intermedius</i>	CH, US	< 50
	<i>Crocodylus moreletii</i>	US	
	<i>Crocodylus niloticus</i> ** -112		
	# <i>Crocodylus novaeguineae mindorensis</i> = 399	CH, US	< 10
	<i>Crocodylus palustris</i>	IN, US	
	<i>Crocodylus porosus</i> ** -113		
	<i>Crocodylus rhombifer</i>	CU	
	# <i>Crocodylus siamensis</i>	CH, US	< 2 000
<i>Osteolaemus tetraspis</i>	US		
<i>Tomistoma schlegelii</i>	US		

Gavialidae	<i>Gavialis gangeticus</i>	IN, US
RHYNCHOCEPHALIA		
Sphenodontidae	<i>Sphenodon</i> spp.	US
SAURIA		
Iguanidae	<i>Brachylophus</i> spp.	US
	# <i>Brachylophus vitiensis</i>	CH < 50
	<i>Cyclura</i> spp.	GB, US
	# <i>Cyclura carinata</i>	CH, GB < 10
	# <i>Cyclura collei</i>	CH, GB < 50
	<i>Cyclura cornuta</i>	GB, US
	# <i>Cyclura nubila</i>	CH, CU, GB, US < 50
	<i>Cyclura pinguis</i>	CH, GB
	# <i>Cyclura ricordi</i>	CH, GB < 10
	# <i>Cyclura rileyi</i>	CH, GB < 10
	<i>Sauromalus varius</i>	US
Lacertidae	<i>Gallotia simonyi</i>	CH, US
Varanidae	<i>Varanus bengalensis</i>	IN, US
	<i>Varanus flavescens</i>	IN, US
	<i>Varanus griseus</i>	IN, US
	<i>Varanus komodoensis</i>	US
SERPENTES		
Pythonidae	<i>Python molurus molurus</i> = 406	IN, US
Boidae	<i>Acrantophis</i> spp.	
	# <i>Acrantophis madagascariensis</i>	US
	<i>Boa constrictor occidentalis</i> = 405	
	<i>Epicrates inornatus</i>	US
	<i>Epicrates monensis</i>	US
	<i>Epicrates subflavus</i>	US
	<i>Sanzinia madagascariensis</i> = 407	
Bolyeriidae	<i>Bolyeria multocarinata</i>	
	<i>Casarea dussumieri</i>	
Viperidae	<i>Vipera ursinii</i> + 216	CH, US
<u>AMPHIBIA</u>		
ANURA		
Bufonidae	<i>Altiphrynooides</i> spp. = 412	US
	<i>Atelopus varius zeteki</i>	US
	<i>Bufo periglenes</i>	CH, US
	<i>Bufo superciliaris</i>	US
	<i>Nectophrynooides</i> spp.	US
	<i>Nimbaphrynooides</i> spp. = 412	US
	<i>Spinophrynooides</i> spp. = 412	US

Microhylidae	<i>Dyscophus antongilii</i>	US	
CAUDATA			
Cryptobranchidae	<i>Andrias</i> spp. = 411	US	
<u>PISCES</u>			
COELACANTHIFORMES			
Latimeriidae	<i>Latimeria</i> spp.	US	
ACIPENSERIFORMES			
Acipenseridae	<i>Acipenser brevirostrum</i>	US	
	# <i>Acipenser sturio</i>	US	< 50
OSTEOGLOSSIFORMES			
Osteoglossidae	<i>Scleropages formosus</i>	US	
CYPRINIFORMES			
Cyprinidae	<i>Probarbus jullieni</i>	US	
Catostomidae	# <i>Chasmistes cujus</i>	US	500
SILURIFORMES			
Pangasiidae	<i>Pangasianodon gigas</i>	US	
PERCIFORMES			
Sciaenidae	<i>Cynoscion macdonaldi</i>	US	
ARTHROPODA			
<u>INSECTA</u>			
LEPIDOPTERA			
Papilionidae	<i>Ornithoptera alexandrae</i>	US	
	<i>Papilio chikae</i>	US	
	<i>Papilio homerus</i>	US	
	<i>Papilio hospiton</i>	US	
MOLLUSCA			
<u>BIVALVIA</u>			
UNIONOIDA			
Unionidae	<i>Conradilla caelata</i>	US	
	# <i>Dromus dromas</i> = 418	US	< 10
	<i>Epioblasma curtisi</i> = 419	US	

<i>Epioblasma florentina</i> = 419	US	
<i>Epioblasma sampsoni</i> = 419	US	
<i>Epioblasma sulcata perobliqua</i> = 419	US	
<i>Epioblasma torulosa gubernaculum</i> = 419	US	
<i>Epioblasma torulosa torulosa</i> = 419	US	
<i>Epioblasma turgidula</i> = 419	US	
<i>Epioblasma walkeri</i> = 419	US	
# <i>Fusconaia cuneolus</i>	US	< 10
<i>Fusconaia edgariana</i>	US	
<i>Lampsilis higginsii</i>	US	
<i>Lampsilis orbiculata orbiculata</i>	US	
<i>Lampsilis satur</i>	US	
# <i>Lampsilis virescens</i>	US	< 10
<i>Plethobasus cicatricosus</i>	US	
# <i>Plethobasus cooperianus</i>	US	< 10
# <i>Pleurobema plenum</i>	US	< 10
# <i>Potamilus capax</i> = 420	US	< 10
# <i>Quadrula intermedia</i>	US	< 10
# <i>Quadrula sparsa</i>	US	< 10
<i>Toxolasma cylindrella</i> = 421	US	
<i>Unio nickliniana</i> = 422	US	
<i>Unio tampicoensis tecomatensis</i> = 423	US	
<i>Villosa trabalis</i> = 424	US	

GASTROPODA

STYLOMMATOPHORA

Achatinellidae

<i>Achatinella</i> spp.	US
# <i>Achatinella apexfulva</i>	
# <i>Achatinella bellula</i>	
# <i>Achatinella bulimoides</i>	
# <i>Achatinella byronii</i>	
# <i>Achatinella cestus</i>	
# <i>Achatinella concavospira</i>	
# <i>Achatinella curta</i>	
# <i>Achatinella decipiens</i>	
# <i>Achatinella fulgens</i>	
# <i>Achatinella fuscobasis</i>	
# <i>Achatinella leucorrhaphe</i>	
# <i>Achatinella lila</i>	
# <i>Achatinella lorata</i>	
# <i>Achatinella mustelina</i>	
# <i>Achatinella phaeozona</i>	
# <i>Achatinella pulcherrima</i>	
# <i>Achatinella pupukanioe</i>	
# <i>Achatinella sowerbyana</i>	
# <i>Achatinella stewartii</i>	
# <i>Achatinella swiftii</i>	
# <i>Achatinella taeniolata</i>	
# <i>Achatinella turgida</i>	
# <i>Achatinella viridans</i>	
# <i>Achatinella vulpina</i>	