

WILDLIFE CONSERVATION AND NATIONAL PARKS ACT, 1992
(No. 28 of 1992)

**WILDLIFE CONSERVATION (CONVENTION ON INTERNATIONAL
TRADE IN ENDANGERED SPECIES OF WILD FAUNA AND FLORA)
(AMENDMENT) ORDER, 1999**

ARRANGEMENT OF PARAGRAPHS

PARAGRAPH

1. Citation
2. Amendment of Fifth Schedule to Act No. 28 of 1992

IN EXERCISE of the powers conferred on the Minister of Commerce and Industry by section 91 (1) of the Wildlife Conservation and National Parks Act, the following Order is hereby made —

Citation

1. This Order may be cited as the Wildlife Conservation (Convention on International Trade in Endangered Species of Wild Fauna and Flora) (Amendment) Order, 1999.

Amendment
of Fifth
Schedule to
Act No. 28
of 1992

2. The Fifth Schedule to the Wildlife Conservation and National Parks Act is hereby amended by substituting for the lists of animal species which appear under Appendices I and II, the following lists of animal species —

APPENDICES I AND II

as adopted by the Conference of the Parties, valid from 18th September 1997 (reprinted with corrections, 30th June, 1998)

INTERPRETATION

1. Species included in these appendices are referred to:
 - (a) by the name of the species; or
 - (b) as being all of the species included in a higher taxon or designated part thereof.
2. The abbreviation “spp.” is used to denote all species of a higher taxon.
3. Other references to taxa higher than species are for the purposes of information or classification only.
4. The following abbreviations are used for plant taxa below the level of species:
 - (a) “ssp.” is used to denote subspecies;
 - (b) “var(s).” is used to denote variety (varieties); and
 - (c) “fa.” is used to denote *forma*.
5. The abbreviation “p.e.” is used to denote species that are possibly extinct.
6. An asterisk (*) placed against the name of a species or higher taxon indicates that one or more geographically separate populations, subspecies or species of that species or taxon are included in Appendix I and are excluded from Appendix II.

7. Two asterisks (**) placed against the name of a species or higher taxon indicate that one or more geographically separate populations, subspecies or species of that species or taxon are included in Appendix II and are excluded from Appendix I.

8. The symbol (-) followed by a number placed against the name of a species or higher taxon denotes that designated geographically separate populations, species, groups of species or families of that species or taxon are excluded from the appendix concerned, as follows:
 - 101 Population of West Greenland
 - 102 Populations of Bhutan, India, Nepal and Pakistan
 - 103 Populations of Botswana, Namibia and Zimbabwe
 - 104 Population of Australia
 - 105 Populations of *Pecari tajacu* of Mexico and the United States of America
 - 106 – Argentina: the population of the Province of Jujuy and the semi-captive populations of the Provinces of Jujuy, Salta, Catamarca, La Rioja and San Juan
 - Bolivia: the populations of the Conservation Units of Mauri-Desaguadero, Ulla Ulla and López-Chichas, with a zero annual export quota
 - Chile: part of the population of Parinacota Province, 1a. Region of Tarapacá
 - Peru: the whole population
 - 107 Populations of Afghanistan, Bhutan, India, Myanmar, Nepal and Pakistan
 - 108 Cathartidae
 - 109 *Melopsittacus undulatus*, *Nymphicus hollandicus* and *Psittacula krameri*
 - 110 Population of Argentina
 - 111 Population of Ecuador, subject to a zero annual export quota until an annual export quota has been approved by the CITES Secretariat and the IUCN/SSC Crocodile Specialist Group
 - 112 Populations of Botswana, Ethiopia, Kenya, Madagascar, Malawi, Mozambique, South Africa, Uganda, the United Republic of Tanzania, Zambia and Zimbabwe. Apart from ranched specimens, the United Republic of Tanzania will authorize the export of no more than 1100 wild specimens (including 100 hunting trophies) in 1998, 1999 and 2000
 - 113 Populations of Australia, Indonesia and Papua New Guinea
 - 114 Population of Chile
 - 115 All species that are not succulent
 - 116 *Aloe vera*; also referenced as *Aloe barbadensis*.

9. The symbol (+) followed by a number placed against the name of a species, subspecies or higher taxon denotes that only designated geographically separate populations of that species, subspecies or taxon are included in the appendix concerned, as follows:
 - +201 Populations of Bhutan, India, Nepal and Pakistan
 - +202 Populations of Bhutan, China, Mexico and Mongolia
 - +203 Populations of Cameroon and Nigeria
 - +204 Population of Asia
 - +205 Populations of Central and North America
 - +206 Populations of Bangladesh, India and Thailand
 - +207 Population of India
 - +208 Populations of Botswana, Namibia and Zimbabwe

- +209 Population of Australia
- +210 Population of South Africa
- +211 – Argentina: the population of the Province of Jujuy and the semi-captive populations of the Provinces of Jujuy, Salta, Catamarca, La Rioja and San Juan
- Bolivia: the populations of the Conservation Units of Mauri-Desaguadero, Ulla Ulla and Lipez-Chichas, with a zero annual export quota
- Chile: part of the population of Parinacota Province, 1a. Region of Tarapacá
- Peru: the whole population
- +212 Populations of Afghanistan, Bhutan, India, Myanmar, Nepal and Pakistan
- +213 Population of Mexico
- +214 Populations of Algeria, Burkina Faso, Cameroon, the Central African Republic, Chad, Mali, Mauritania, Morocco, the Niger, Nigeria, Senegal and the Sudan
- +215 Population of Seychelles
- +216 Population of Europe, except the area which formerly constituted the Union of Soviet Socialist Republics
- +217 Population of Chile.

10. The symbol (=) followed by a number placed against the name of a species, subspecies or higher taxon denotes that the name of that species, subspecies or taxon shall be interpreted as follows:

- =301 Also referenced as *Phalanger maculatus*
- =302 Includes family Tupaiidae
- =303 Formerly included in family Lemnridae
- =304 Formerly included as subspecies of *Callithrix jacchus*
- =305 Includes generic synonym *Leontideus*
- =306 Formerly included in species *Saguinus oedipus*
- =307 Formerly included in *Alouatta palliata*
- =308 Formerly included as *Alouatta palliata (villosa)*
- =309 Includes synonym *Cercopithecus rolaway*
- =310 Formerly included in genus *Papio*
- =311 Includes generic synonym *Simias*
- =312 Includes synonym *Colobus badius kirkii*
- =313 Includes synonym *Colobus badius rufomitratns*
- =314 Includes generic synonym *Rhinopithecus*
- =315 Also referenced as *Presbytis entellus*
- =316 Also referenced as *Presbytis geei* and *Semnopithecus geei*
- =317 Also referenced as *Presbytis pileata* and *Semnopithecus pileatus*
- =318 Includes synonyms *Bradypus boliviensis* and *Bradypus griseus*
- =319 Includes synonym *Priodontes giganteus*
- =320 Includes synonym *Physeter macrocephalus*
- =321 Includes synonym *Eschrichtius glaucus*
- =322 Formerly included in genus *Balaena*
- =323 Formerly included in genus *Dusicyon*
- =324 Includes synonym *Dusicyon fulvipes*
- =325 Includes generic synonym *Fennecus*
- =326 Also referenced as *Selenarctos thibetanus*
- =327 Also referenced as *Aonyx microdon* or *Paraonyx microdon*
- =328 Formerly included in genus *Lutra*

- =329 Formerly included in genus *Lutra*; includes synonyms *Lutra annectens*, *Lutra enudris*, *Lutra incarum* and *Lutra platensis*
- =330 Includes synonym *Eupleres major*
- =331 Also referenced as *Hyaena brunnea*
- =332 Also referenced as *Felis caracal* and *Lynx caracal*
- =333 Formerly included in genus *Felis*
- =334 Also referenced as *Felis pardina* or *Felis lynx pardina*
- =335 Formerly included in genus *Panthera*
- =336 Also referenced as *Equus asinus*
- =337 Formerly included in species *Equus hemionus*
- =338 Also referenced as *Equus caballus przewalskii*
- =339 Also referenced as *Choeropsis liberiensis*
- =340 Also referenced as *Cervus porcinus calamianensis*
- =341 Also referenced as *Cervus porcinus kuhlii*
- =342 Also referenced as *Cervus porcinus annamiticus*
- =343 Also referenced as *Cervus dama mesopotamicus*
- =344 Includes synonym *Bos frontalis*
- =345 Includes synonym *Bos grunniens*
- =346 Includes generic synonym *Novibos*
- =347 Includes generic synonym *Anoa*
- =348 Also referenced as *Damaliscus dorcas dorcas* or *Damaliscus pygargus dorcas*
- =349 Formerly included in species *Naemorhedus goral*
- =350 Also referenced as *Capricornis sumatraensis*
- =351 Includes synonym *Oryx tao*
- =352 Includes synonym *Ovis aries ophion*
- =353 Formerly included as *Ovis vignei* (see also Decisions of the Conference of the Parties directed to the Parties regarding the inclusion of *Ovis vignei vignei* in Appendix I)
- =354 Also referenced as *Rupicapra rupicapra ornata*
- =355 Also referenced as *Pterocnemia pennata*
- =356 Also referenced as *Sula abbotti*
- =357 Also referenced as *Ciconia ciconia boyciana*
- =358 Includes synonyms *Anas chlorotis* and *Anas nesiotis*
- =359 Also referenced as *Anas platyrhynchos laysanensis*
- =360 Probably a hybrid between *Anas platyrhynchos* and *Anas superciliosa*
- =361 Also referenced as *Aquila heliaca adalberti*
- =362 Also referenced as *Chondrohierax wilsonii*
- =363 Also referenced as *Falco peregrinus babylonicus* and *Falco peregrinus pelegrinoides*
- =364 Also referenced as *Crax mitu mitu*
- =365a Formerly included in genus *Aburria*
- =365b Formerly included in genus *Aburria*; also referenced as *Pipile pipile pipile*
- =366 Formerly included in species *Crossoptilon crossoptilon*
- =367 Formerly included in species *Polyplectron malacense*
- =368 Includes synonym *Rheinardia nigrescens*
- =369 Also referenced as *Tricholimnas sylvestris*
- =370 Also referenced as *Choriotis nigriceps*
- =371 Also referenced as *Houbaropsis bengalensis*
- =372 Also referenced as *Amazona dufresniana rhodocorytha*
- =373 Often traded under the incorrect designation *Ara caninde*

- =374 Also referenced as *Cyanoramphus novaezelandiae cookii*
- =375 Also referenced as *Opopsitta diophthalma coxeni*
- =376 Also referenced as *Pezoporus occidentalis*
- =377 Formerly included in species *Psephotus chrysopterygius*
- =378 Also referenced as *Psittacula krameri echo*
- =379 Formerly included in genus *Gallirex*; also referenced as *Tauraco porphyreolophus*
- =380 Also referenced as *Otus gurneyi*
- =381 Also referenced as *Ninox novaeseelandiae royana*
- =382 Formerly included in genus *Glaucis*
- =383 Includes generic synonym *Ptilolaemus*
- =384 Formerly included in genus *Rhinoplax*
- =385 Also referenced as *Pitta brachyura nympha*
- =386 Also referenced as *Muscicapa ruecki* or *Niltava ruecki*
- =387 Also referenced as *Dasyornis brachypterus longirostris*
- =388 Also referenced as *Meliphaga cassidix*
- =389 Includes generic synonym *Xanthopsar*
- =390 Formerly included in genus *Spinus*
- =391 Also referenced in genus *Damonia*
- =392 Formerly included as *Kachuga tecta tecta*
- =393 Includes generic synonyms *Nicoria* and *Geoemyda* (part)
- =394 Also referenced as *Geochelone elephantopus*; also referenced in genus *Testudo*
- =395 Also referenced in genus *Testudo*
- =396 Also referenced in genus *Aspideretes*
- =397 Formerly included in *Podocnemis* spp.
- =398 Includes Alligatoridae, Crocodylidae and Gavialidae
- =399 Also referenced as *Crocodylus mindorensis*
- =400 Also referenced in genus *Nactus*
- =401 Includes generic synonym *Rhoptropella*
- =402 Formerly included in *Chamaeleo* spp.
- =403 Includes generic synonyms *Calumma* and *Furcifer*
- =404 Includes families Bolyeriidae and Tropidophiidae as subfamilies
- =405 Also referenced as *Constrictor constrictor occidentalis*
- =406 Includes synonym *Python molurus pimbura*
- =407 Includes synonym *Sanzinia manditra*
- =408 Includes synonym *Pseudoboa cloelia*
- =409 Also referenced as *Hydrodynastes gigas*
- =410 Includes synonyms *Naja atra*, *Naja kaouthia*, *Naja oxiana*, *Naja philippinensis*, *Naja samarensis*, *Naja sputatrix* and *Naja sumatrana*
- =411 Includes generic synonym *Megalobatrachus*
- =412 Formerly included in *Nectophrynoides* spp.
- =413 Formerly included in *Dendrobates* spp.
- =414 Also referenced in genus *Rana*
- =415 *Sensu* D'Abrera
- =416 Includes synonyms *Pandinus africanus* and *Heterometrus roeseli*
- =417 Includes *Aphonopelma albiceps*, *Aphonopelma pallidum* and *Brachypelmides klaasi*
- =418 Also referenced as *Conchodromus dromas*
- =419 Also referenced in genera *Dysnomia* and *Plagiola*
- =420 Includes generic synonym *Proptera*
- =421 Also referenced in genus *Carunculina*

- =422 Also referenced as *Megaloniaias nickliniana*
- =423 Also referenced as *Cyrtonaias tampicoensis tecomatensis* and *Lampsilis tampicoensis tecomatensis*
- =424 Includes generic synonym *Micromya*
- =425 Includes generic synonym *Papuina*
- =426 Includes only the family Helioporidae with one species *Heliopora coerulea*
- =427 Also referenced as *Podophyllum emodi* and *Sinopodophyllum hexandrum*
- =428 Includes generic synonyms *Neogomesia* and *Roseocactus*
- =429 Also referenced in genus *Echinocactus*
- =430 Also referenced in genus *Mammillaria*; includes synonym *Coryphantha densispina*
- =431 Also referenced as *Lobeira macdougallii* and *Nopalxochia macdougallii*
- =432 Also referenced as *Echinocereus lindsayi*
- =433 Also referenced in genera *Cereus* and *Wilcoxia*
- =434 Also referenced in genus *Coryphantha*; includes synonym *Escobaria nelliae*
- =435 Also referenced in genus *Coryphantha*; includes *Escobaria leei* as a subspecies
- =436 Includes synonym *Solisia pectinata*
- =437 Also referenced as *Backebergia militaris*, *Cephalocereus militaris* and *Mitrocereus militaris*; includes synonym *Pachycereus chrysomallus*
- =438 Includes *Pediocactus bradyi* ssp. *despainii* and *Pediocactus bradyi* ssp. *winkleri* and synonyms *Pediocactus despairinii* and *Pediocactus winkleri*
- =439 Also referenced in genus *Toumeya*
- =440 Also referenced in genera *Navajoa*, *Toumeya* and *Utahia*; includes *Pediocactus peeblesianus* var. *fickeisenii*
- =441 Also referenced in genera *Echinocactus* and *Utahia*
- =442 Includes generic synonym *Encephalocarpus*
- =443 Includes synonyms *Ancistrocactus tobuschii* and *Ferocactus tobuschii*
- =444 Also referenced in genera *Echinomastus* and *Neolloydia*; includes synonyms *Echinomastus acunensis* and *Echinomastus krausei*
- =445 Includes synonyms *Ferocactus glaucus*, *Sclerocactus brevispinus*, *Sclerocactus wetlandicus* and *Sclerocactus wetlandicus* ssp. *ilseae*
- =446 Also referenced in genera *Echinocactus*, *Echinomastus* and *Neolloydia*
- =447 Also referenced in genera *Coloradoa*, *Echinocactus*, *Ferocactus* and *Pediocactus*
- =448 Also referenced in genera *Echinocactus*, *Mammillaria*, *Pediocactus* and *Toumeya*
- =449 Also referenced in genera *Echinocactus* and *Ferocactus*
- =450 Also referenced in genus *Pediocactus*
- =451 Includes generic synonyms *Gymnocactus*, *Normanbokea* and *Rapicactus*
- =452 Also referenced as *Saussurea lappa*
- =453 Also referenced as *Euphorbia decaryi* var. *capsaintemariensis*
- =454 Includes *Euphorbia cremersii* fa. *viridifolia* and *Euphorbia cremersii* var. *rakotozafyi*
- =455 Includes *Euphorbia cylindrifolia* ssp. *tuberifera*
- =456 Includes *Euphorbia decaryi* vars. *ampanihyensis*, *robinsonii* and *spirosticha*
- =457 Includes *Euphorbia moratii* vars. *antsingiensis*, *bemarahensis* and *multiflora*
- =458 Also referenced as *Euphorbia capsaintemariensis* var. *tulearensis*
- =459 Also referenced as *Engelhardia pterocarpa*

- =460 Includes *Aloe compressa* var. *rugosquamosa* and *Aloe compressa* var. *schistophila*
- =461 Includes *Aloe haworthioides* var. *aurantiaca*
- =462 Includes *Aloe laeta* var. *maniaensis*
- =463 Includes families Apostasiaceae and Cypridiaceae as subfamilies Apostasioideae and Cypridioideae
- =464 *Anacampseros australiana* and *A. kurtzii* are also referenced in genus *Grahamia*
- =465 Formerly included in *Anacampseros* spp.
- =466 Also referenced as *Sarracenia rubra* ssp. *alabamensis*
- =467 Also referenced as *Sarracenia rubra* ssp. *jonesii*
- =468 Formerly included in ZAMIACEAE spp.
- =469 Includes synonym *Stangeria paradoxa*
- =470 Also referenced as *Taxus baccata* ssp. *wallichiana*
- =471 Includes synonym *Welwitschia bainesii*.

11. The symbol (°) followed by a number placed against the name of a species or higher taxon shall be interpreted as follows:

- °601 A zero annual export quota has been established. All specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly
- °602 Specimens of the domesticated form are not subject to the provisions of the Convention
- °603 Annual export quotas for live specimens and hunting trophies are granted as follows:

Botswana:	5
Namibia:	150
Zimbabwe:	50

The trade in such specimens is subject to the provisions of Article III of the Convention

- °604 For the exclusive purpose of allowing: 1) export of hunting trophies for non-commercial purposes; 2) export of live animals to appropriate and acceptable destinations (Namibia: for non-commercial purposes only); 3) export of hides (Zimbabwe only); 4) export of leather goods and ivory carvings for non-commercial purposes (Zimbabwe only). No international trade in ivory is permitted before 18 months after the transfer to Appendix II comes into effect (i.e. 18 March 1999). Thereafter, under experimental quotas for raw ivory not exceeding 25.3 tonnes (Botswana), 13.8 tonnes (Namibia) and 20 tonnes (Zimbabwe), raw ivory may be exported to Japan subject to the conditions established in Decision of the Conference of the Parties regarding ivory No. 10.1. All other specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly
- °605 For the exclusive purpose of allowing international trade in live animals to appropriate and acceptable destinations and hunting trophies. All other specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly.
- °606 For the exclusive purpose of allowing international trade in wool sheared from live vicuñas of the populations included in Appendix II (see +211) and in the stock extant at the time of the ninth meeting of the Conference of the Parties (November 1994) in Peru of 3249 kg of wool, and in cloth and items

made thereof, including luxury handicrafts and knitted articles. The reverse side of the cloth must bear the logotype adopted by the range States of the species, which are signatories to the *Convenio para la Conservación y Manejo de la Vicuña*, and the selvages the words “VICUÑA-COUNTRY OF ORIGIN”, depending on the country of origin. All other specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly

°607 Fossils are not subject to the provisions of the Convention

°608 Artificially propagated specimens of the following hybrids and/or cultivars are not subject to the provisions of the Convention:

Hatiora x graeseri

Schlumbergera x buckleyi

Schlumbergera russelliana x Schlumbergera truncata

Schlumbergera orssichiana x Schlumbergera truncata

Schlumbergera opuntioides x Schlumbergera truncata

Schlumbergera truncata (cultivars)

Gymnocalycium mihanovichii (cultivars) forms lacking chlorophyll, grafted on the following grafting stocks: *Harrisia* ‘Jusbertii’, *Hylocereus trigonus* or *Hylocereus undatus* *Opuntia microdasys* (cultivars)

°609 Artificially propagated specimens of cultivars of *Euphorbia trigona* are not subject to the provisions of the Convention

°610 Seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers are not subject to the provisions of the Convention

°611 Artificially propagated specimens of cultivars of *Cyclamen persicum* are not subject to the provisions of the Convention. However, the exemption does not apply to such specimens traded as dormant tubers.

12. In accordance with Article I, paragraph b, sub-paragraph (iii), of the Convention, the symbol (#) followed by a number placed against the name of a species or higher taxon included in Appendix II designates parts or derivatives which are specified in relation thereto for the purposes of the Convention as follows:

#1 Designates all parts and derivatives, except:

- (a) seeds, spores and pollen (including pollinia);
- (b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers; and
- (c) cut flowers of artificially propagated plants

#2 Designates all parts and derivatives, except:

- (a) seeds and pollen;
- (b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
- (c) cut flowers of artificially propagated plants; and
- (d) chemical derivatives

#3 Designates whole and sliced roots and parts of roots, excluding manufactured parts or derivatives such as powders, pills, extracts, tonics, teas and confectionery

#4 Designates all parts and derivatives, except:

- (a) seeds, except those from Mexican cacti originating in Mexico, and pollen;
- (b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;

- (c) cut flowers of artificially propagated plants;
 - (d) fruits and parts and derivatives thereof of naturalized or artificially propagated plants; and
 - (e) separate stem joints (pads) and parts and derivatives thereof of naturalized or artificially propagated plants of the genus *Opuntia* subgenus *Opuntia*
 - #5 Designates logs, sawn wood and veneer sheets
 - #6 Designates logs, wood-chips and unprocessed broken material
 - #7 Designates all parts and derivatives, except:
 - (a) seeds and pollen (including pollinia);
 - (b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
 - (c) cut flowers of artificially propagated plants; and
 - (d) fruits and parts and derivatives thereof of artificially propagated plants of the genus *Vanilla*
 - #8 Designates all parts and derivatives, except:
 - (a) seeds and pollen;
 - (b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
 - (c) cut flowers of artificially propagated plants; and
 - (d) finished pharmaceutical products.
13. As none of the species or higher taxa of FLORA included in Appendix I is annotated to the effect that its hybrids shall be treated in accordance with the provisions of Article III of the Convention, this means that artificially propagated hybrids produced from one or more of these species or taxa may be traded with a certificate of artificial propagation, and that seeds and pollen (including pollinia), cut flowers, seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers of these hybrids are not subject to the provisions of the Convention.

I

II

FAUNA

CHORDATA

MAMMALIA

MONOTREMATA

Tachyglossidae

Zaglossus spp.

DASYUROMORPHIA

Dasyuridae

Sminthopsis longicaudata

Sminthopsis psammophila

Thylacinidae

Thylacinus cynocephalus p.e.

PERAMELEMORPHIA

Peramelidae

Chaeropus ecaudatus p.e.

Macrotis lagotis

Macrotis leucura
Perameles bougainville

DIPROTODONTIA

Phalangeridae

Phalanger orientalis
Spilocuscus maculatus =301

Vombatidae Macropodidae

Lasiorhinus krefftii

Dendrolagus inustus
Dendrolagus ursinus

Lagorchestes hirsutus
Lagostrophus fasciatus
Onychogalea fraenata
Onychogalea lunata

Potoroidae

Bettongia spp.
Caloprymnus campestris p.e.

CHIROPTERA

Pteropodidae

Acerodon spp. *

Acerodon jubatus
Acerodon lucifer p.e.

Pteropus spp. *

Pteropus insularis
Pteropus mariannus
Pteropus molossinus
Pteropus phaeocephalus
Pteropus pilosus
Pteropus samoensis
Pteropus tonganus

PRIMATES

PRIMATES spp. * =302

Lemuridae

Lemuridae spp.

Megaladapidae

Megaladapidae spp. =303

Cheirogaleidae

Cheirogaleidae spp.

Indridae

Indridae spp.

Daubentonidae

Daubentonia madagascariensis

Callithricidae

Callimico goeldii
Callithrix aurita =304
Callithrix flaviceps =304
Leontopithecus spp. =305
Saguinus bicolor

	<i>Saguinus geoffroyi</i> =306	
	<i>Saguinus leucopus</i>	
	<i>Saguinus oedipus</i>	
Cebidae	<i>Alouatta coibensis</i> =307	
	<i>Alouatta palliata</i>	
	<i>Alouatta pigra</i> =308	
	<i>Ateles geoffroyi frontatus</i>	
	<i>Ateles geoffroyi panamensis</i>	
	<i>Brachyteles arachnoides</i>	
	<i>Cacajao</i> spp.	
	<i>Chiropotes albinasus</i>	
	<i>Lagothrix flavicauda</i>	
	<i>Saimiri oerstedii</i>	
Cercopithecidae	<i>Cercocebus galeritus galeritus</i>	
	<i>Cercopithecus diana</i> =309	
	<i>Macaca silenus</i>	
	<i>Mandrillus leucophaeus</i> =310	
	<i>Mandrillus sphinx</i> =310	
	<i>Nasalis concolor</i> =311	
	<i>Nasalis larvatus</i>	
	<i>Presbytis potenziani</i>	
	<i>Procolobus pennantii kirkii</i> =312	
	<i>Procolobus rufomitratu</i> s =313	
	<i>Pygathrix</i> spp. =314	
	<i>Semnopithecus entellus</i> =315	
	<i>Trachypithecus geei</i> =316	
	<i>Trachypithecus pileatus</i> =317	
Hylobatidae	Hylobatidae spp.	
Hominidae	<i>Gorilla gorilla</i>	
	<i>Pan</i> spp.	
	<i>Pongo pygmaeus</i>	
XENARTHRA		
Myrmecophagidae		<i>Myrmecophaga tridactyla</i>
Bradypodidae		<i>Bradypus variegatus</i> =318
Dasypodidae		<i>Chaetophractus nationi</i> °601
	<i>Priodontes maximus</i> =319	
PHOLIDOTA		
Manidae		<i>Manis</i> spp.
LAGOMORPHA		
Leporidae	<i>Caprolagus hispidus</i>	
	<i>Romerolagus diazi</i>	

RODENTIA

Sciuridae

Cynomys mexicanus

Ratufa spp.

Muridae

Leporillus conditor
Pseudomys praeconis
Xeromys myoides
Zyzomys pedunculatus

Chinchillidae

Chinchilla spp. °602

CETACEA

CETACEA spp. *

Platanistidae

Lipotes vexillifer
Platanista spp.

Ziphiidae

Berardius spp.
Hyperoodon spp.

Physeteridae

Physeter catodon =320

Delphinidae

Sotalia spp.
Sousa spp.

Phocoenidae

Neophocaena phocaenoides
Phocoena sinus

Eschrichtiidae

Eschrichtius robustus =321

Balaenopteridae

Balaenoptera acutorostrata ** -101
Balaenoptera borealis
Balaenoptera edeni
Balaenoptera musculus
Balaenoptera physalus
Megaptera novaeangliae

Balaenidae

Balaena mysticetus
Eubalaena spp. =322

Neobalaenidae

Caperea marginata

CARNIVORA

Canidae

Canis lupus ** +201
Canis lupus * -102

Cerdocyon thous =323
Chrysocyon brachyurus
Cuon alpinus
Pseudalopex culpaeus =323
Pseudalopex griseus =324
Pseudalopex gymnocercus
 =323

	<i>Speothos venaticus</i>	<i>Vulpes cana</i> <i>Vulpes zerda</i> =325
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	Ursidae spp. *
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 <i>Lutra lutra</i> <i>Pteronura brasiliensis</i>	Lutrinae spp. *
Mephitinae Mustelinae	<i>Mustela nigripes</i>	<i>Conepatus humboldtii</i>
Viverridae		<i>Cryptoprocta ferox</i> <i>Cynogale bennettii</i> <i>Eupleres goudotii</i> =330 <i>Fossa fossana</i> <i>Hemigalus derbyanus</i> <i>Prionodon linsang</i>
	<i>Prionodon pardicolor</i>	
Hyaenidae		<i>Parahyaena brunnea</i> =331
Felidae	<i>Acinonyx jubatus</i> °603 <i>Caracal caracal</i> ** +204 =332 <i>Catopuma temminckii</i> =333 <i>Felis nigripes</i> <i>Herpailurus yaguarondi</i> ** +205 =333 <i>Leopardus pardalis</i> =333 <i>Leopardus tigrinus</i> =333 <i>Leopardus wiedii</i> =333 <i>Lynx pardinus</i> =334 <i>Neofelis nebulosa</i> <i>Oncifelis geoffroyi</i> =333 <i>Oreailurus jacobita</i> =333 <i>Panthera leo persica</i>	Felidae spp. * °602
Felidae (cont.)		

Panthera onca
Panthera pardus
Panthera tigris
Pardofelis marmorata =333
Prionailurus bengalensis bengalensis **
 +206 =333
Prionailurus planiceps =333
Prionailurus rubiginosus ** +207 =333
Puma concolor coryi =333
Puma concolor costaricensis =333
Puma concolor cougar =333
Uncia uncia =335

Otariidae	<i>Arctocephalus townsendi</i>	<i>Arctocephalus</i> spp. *
Phocidae	<i>Monachus</i> spp.	<i>Mirounga leonina</i>
PROBOSCIDEA		
Elephantidae	<i>Elephas maximus</i> <i>Loxodonta africana</i> ** -103	<i>Loxodonta africana</i> * +208 °604
SIRENIA		
Dugongidae	<i>Dugong dugon</i> ** -104	<i>Dugong dugon</i> * +209
Trichechidae	<i>Trichechus inunguis</i> <i>Trichechus manatus</i>	<i>Trichechus senegalensis</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>	<i>Equus hemionus</i> * <i>Equus kiang</i> =337 <i>Equus onager</i> * =337 <i>Equus zebra hartmannae</i>
Tapiridae	Tapiridae spp. **	<i>Tapirus terrestris</i>
Rhinocerotidae	Rhinocerotidae spp. **	<i>Ceratotherium simum simum</i> * +210 °605

Suidae	<i>Babirusa babirusa</i> <i>Sus salvanius</i>	
Tayassuidae	<i>Catagonus wagneri</i>	Tayassuidae spp. * -105
Hippopotamidae		<i>Hexaprotodon liberiensis</i> = 339 <i>Hippopotamus amphibius</i>
Camelidae	<i>Vicugna vicugna</i> ** -106	<i>Lama guanicoe</i> <i>Vicugna vicugna</i> * +211 °606
Moschidae	<i>Moschus</i> spp. ** +212	<i>Moschus</i> spp. * -107
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 elaphus bactrianus</i>
	<i>Cervus elaphus hanglu</i> <i>Cervus eldi</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>	<i>Pudu mephistophiles</i>
Antilocapridae	<i>Antilocapra americana</i> +213	
Bovidae	<i>Addax nasomaculatus</i>	<i>Ammotragus lervia</i> <i>Bison bison athabasca</i>
	<i>Bos gaurus</i> =344 <i>Bos mutus</i> =345 °602 <i>Bos sauveli</i> =346 <i>Bubalus depressicornis</i> =347 <i>Bubalus mindorensis</i> =347 <i>Bubalus quarlesi</i> =347	
		<i>Budorcas taxicolor</i>
	<i>Capra falconeri</i>	<i>Cephalophus dorsalis</i>
	<i>Cephalophus jentinki</i>	<i>Cephalophus monticola</i> <i>Cephalophus ogilbyi</i>
Bovidae (cont.)		

	<i>Cephalophus silvicultor</i>
	<i>Cephalophus zebra</i>
	<i>Damaliscus pygargus</i>
	<i>pygargus</i> =348
<i>Gazella dama</i>	
<i>Hippotragus niger variani</i>	
	<i>Kobus leche</i>
<i>Naemorhedus baileyi</i> =349	
<i>Naemorhedus caudatus</i> =349	
<i>Naemorhedus goral</i>	
<i>Naemorhedus sumatraensis</i> =350	
<i>Oryx dammah</i> =351	
<i>Oryx leucoryx</i>	
	<i>Ovis ammon</i> *
<i>Ovis ammon hodgsonii</i>	
<i>Ovis ammon nigrimontana</i>	
	<i>Ovis canadensis</i> +213
<i>Ovis orientalis ophion</i> =352	
<i>Ovis vignei vignei</i> =353	
<i>Pantholops hodgsonii</i>	
<i>Pseudoryx nghetinhensis</i>	
<i>Rupicapra pyrenaica ornata</i> =354	
	<i>Saiga tatarica</i>

AVES

STRUTHIONIFORMES

Struthionidae	<i>Struthio camelus</i> +214
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RHEIFORMES

Rheidae	<i>Rhea pennata</i> =355	<i>Rhea americana</i>
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TINAMIFORMES

Tinamidae	<i>Tinamus solitarius</i>
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SPHENISCIFORMES

Spheniscidae	<i>Spheniscus humboldti</i>	<i>Spheniscus demersus</i>
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PODICIPEDIFORMES

Podicipedidae	<i>Podilymbus gigas</i>
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PROCELLARIIFORMES

Diomedidae *Diomedea albatrus*

PELECANIFORMES

Pelecanidae *Pelecanus crispus*

Sulidae *Papasula abbotti* =356

Fregatidae *Fregata andrewsi*

CICONIIFORMES

Balaenicipitidae *Balaeniceps rex*

Ciconiidae *Ciconia boyciana* =357

Ciconia nigra

Jabiru mycteria
Mycteria cinerea

Threskiornithidae

Eudocimus ruber
Geronticus calvus

Geronticus eremita
Nipponia nippon

Platalea leucorodia

Phoenicopteridae

Phoenicopteridae spp.

ANSERIFORMES

Anatidae *Anas aucklandica* =358

Anas bernieri
Anas formosa

Anas laysanensis =359
Anas oustaleti =360
Branta canadensis leucopareia

Branta ruficollis

Branta sandvicensis
Cairina scutulata

Coscoroba coscoroba
Cygnus melanocorypha
Dendrocygna arborea
Oxyura leucocephala

Rhodonessa caryophyllacea p.e.

Sarkidiornis melanotos
FALCONIFORMES spp. * -108

FALCONIFORMES

Cathartidae *Gymnogyps californianus*
Vultur gryphus

Accipitridae *Aquila adalberti* =361

Aquila heliaca
Chondrohierax uncinatus wilsonii =362
Haliaeetus albicilla
Haliaeetus leucocephalus
Harpia harpyja
Pithecophaga jefferyi

Falconidae

Falco araea
Falco jugger
Falco newtoni ** +215
Falco pelegrinoides =363
Falco peregrinus
Falco punctatus
Falco rusticolus

GALLIFORMES

Megapodiidae

Macrocephalon maleo

Cracidae

Crax blumenbachii
Mitu mitu =364
Oreophasis derbianus
Penelope albipennis
Pipile jacutinga =365a
Pipile pipile =365b

Phasianidae

Catreus wallichii
Colinus virginianus ridgwayi
Crossoptilon crossoptilon
Crossoptilon harmani =366
Crossoptilon mantchuricum

Argusianus argus

Gallus sonneratii
Ithaginis cruentus

Lophophorus impejanus
Lophophorus lhuysii
Lophophorus sclateri
Lophura edwardsi
Lophura imperialis
Lophura swinhoii

Pavo muticus
Polyplectron bicalcaratum

Phasianidae (cont.)

Polyplectron emphanum

Polyplectron germaini
Polyplectron malacense
Polyplectron schleiermachersi
 =367

Rheinardia ocellata =368
Syrmaticus ellioti
Syrmaticus humiae
Syrmaticus mikado
Tetraogallus caspius
Tetraogallus tibetanus
Tragopan blythii
Tragopan caboti
Tragopan melanocephalus
Tympanuchus cupido attwateri

GRUIFORMES

Gruidae

Gruidae spp. *

Grus americana
Grus canadensis nesiotis
Grus canadensis pulla
Grus japonensis
Grus leucogeranus
Grus monacha
Grus nigricollis
Grus vipio

Rallidae

Gallirallus sylvestris =369

Rhynochetidae

Rhynochetos jubatus

Otididae

Otididae spp. *

Ardeotis nigriceps =370
Chlamydotis undulata
Eupodotis bengalensis =371

CHARADRIIFORMES

Scolopacidae

Numenius borealis
Numenius tenuirostris
Tringa guttifer

Laridae

Larus relictus

COLUMBIFORMES

Columbidae

Caloenas nicobarica
Ducula mindorensis

Gallicolumba luzonica
Goura spp.

PSITTACIFORMES

PSITTACIFORMES spp.

* -109

Psittacidae

Amazona arausiaca
Amazona barbadensis
Amazona brasiliensis
Amazona guildingii
Amazona imperialis
Amazona leucocephala
Amazona pretrei
Amazona rhodocorytha =372
Amazona tucumana
Amazona versicolor
Amazona vinacea
Amazona viridigenalis
Amazona vittata
Anodorhynchus spp.
Ara ambigua
Ara glaucogularis =373
Ara macao
Ara maracana
Ara militaris
Ara rubrogenys
Aratinga guarouba
Cacatua goffini
Cacatua haematuropygia
Cacatua moluccensis
Cyanopsitta spixii
Cyanoramphus auriceps forbesi
Cyanoramphus cookii =374
Cyanoramphus novaezelandiae
Cyclopsitta diophthalma coxeni =375
Eos histrio
Geopsittacus occidentalis p.e. =376
Neophema chrysogaster
Ognorhynchus icterotis
Pezoporus wallicus
Pionopsitta pileata
Probosciger aterrimus
Psephotus chrysopterygius
Psephotus dissimilis =377
Psephotus pulcherrimus p.e.
Psittacula echo =378
Pyrrhura cruentata
Rhynchopsitta spp.
Strigops habroptilus
Vini ultramarina

CUCULIFORMES

Musophagidae

Musophaga porphyreolopha
=379
Tauraco spp.

STRIGIFORMES

STRIGIFORMES spp. *

Tytonidae

Tyto soumagnei

Strigidae

Athene blewitti

Mimizuku gurneyi =380

Ninox novaeseelandiae undulata =381

Ninox squamipila natalis

APODIFORMES

Trochilidae

Ramphodon dohrnii =382

Trochilidae spp. *

TROGONIFORMES

Trogonidae

Pharomachrus mocinno

CORACIIFORMES

Bucerotidae

Aceros nipalensis

Aceros subruficollis

Aceros spp. *

Anorrhinus spp. =383

Anthracoceros spp.

Buceros spp. *

Buceros bicornis

Buceros vigil =384

Penelopides spp.

PICIFORMES

Ramphastidae

Pteroglossus aracari

Pteroglossus viridis

Ramphastos sulfuratus

Ramphastos toco

Ramphastos tucanus

Ramphastos vitellinus

Picidae

Campephilus imperialis

Dryocopus javensis richardsi

PASSERIFORMES

Cotingidae

Cotinga maculata

Xipholena atropurpurea

Rupicola spp.

Pittidae	<i>Pitta gurneyi</i> <i>Pitta kochi</i>	<i>Pitta guajana</i> <i>Pitta nympha</i> =385
Atrichornithidae	<i>Atrichornis clamosus</i>	
Hirundinidae	<i>Pseudochelidon sirintarae</i>	
Pycnonotidae		<i>Pycnonotus zeylanicus</i>
Muscicapidae	<i>Dasyornis broadbenti litoralis</i> p.e. <i>Dasyornis longirostris</i> =387	<i>Cyornis ruckii</i> =386 <i>Leiothrix argentea</i> <i>Leiothrix lutea</i> <i>Liocichla omeiensis</i>
	<i>Picathartes gymnocephalus</i> <i>Picathartes oreas</i>	
Zosteropidae	<i>Zosterops albogularis</i>	
Meliphagidae	<i>Lichenostomus melanops cassidix</i> =388	
Emberizidae		<i>Gubernatrix cristata</i> <i>Paroaria capitata</i> <i>Paroaria coronata</i> <i>Tangara fastuosa</i>
Icteridae	<i>Agelaius flavus</i> =389	
Fringillidae	<i>Carduelis cucullata</i> =390	<i>Carduelis yarrellii</i> =390
Estrildidae		<i>Amandava formosa</i> <i>Padda oryzivora</i> <i>Poephila cincta cincta</i>
Sturnidae	<i>Leucopsar rothschildi</i>	<i>Gracula religiosa</i>
Paradisaeidae		Paradisaeidae spp.
<u>REPTILIA</u>		
TESTUDINATA		
Dermatemydidae		<i>Dermatemys mawii</i>

Emydidae	<i>Batagur baska</i>	<i>Callagur borneoensis</i>
	<i>Clemmys muhlenbergi</i>	<i>Clemmys insculpta</i>
	<i>Geoclemys hamiltonii</i> =391	
	<i>Kachuga tecta</i> =392	
	<i>Melanochelys tricarinata</i> =393	
	<i>Morenia ocellata</i>	
	<i>Terrapene coahuila</i>	<i>Terrapene</i> spp. *
Testudinidae	<i>Geochelone nigra</i> =394	Testudinidae spp. *
	<i>Geochelone radiata</i> =395	
	<i>Geochelone yniphora</i> =395	
	<i>Gopherus flavomarginatus</i>	
	<i>Psammobates geometricus</i> =395	
	<i>Testudo kleinmanni</i>	
Cheloniidae	Cheloniidae spp.	
Dermochelyidae	<i>Dermochelys coriacea</i>	
Trionychidae	<i>Trionyx ater</i> =396	<i>Lissemys punctata</i>
	<i>Trionyx gangeticus</i> =396	
	<i>Trionyx hurum</i> =396	
	<i>Trionyx nigricans</i> =396	
Pelomedusidae		<i>Erymnochelys</i>
		<i>madagascariensis</i> =397
		<i>Peltocephalus dumeriliana</i>
		=397
		<i>Podocnemis</i> spp.
Chelidae	<i>Pseudemydura umbrina</i>	
CROCODYLIA		CROCODYLIA spp. * =398
Alligatoridae	<i>Alligator sinensis</i>	
	<i>Caiman crocodilus apaporiensis</i>	
	<i>Caiman latirostris</i> ** -110	
	<i>Melanosuchus niger</i> ** -111	
Crocodylidae	<i>Crocodylus acutus</i>	
	<i>Crocodylus cataphractus</i>	
	<i>Crocodylus intermedius</i>	
	<i>Crocodylus moreletii</i>	
	<i>Crocodylus niloticus</i> ** -112	

Crocodylus palustris
Crocodylus porosus ** -113
Crocodylus rhombifer
Crocodylus siamensis
Osteolaemus tetraspis
Tomistoma schlegelii

RHYNCHOCEPHALIA

SAURIA

Iguanidae	<i>Amblyrhynchus cristatus</i>
<i>Brachylophus</i> spp.	<i>Conolophus</i> spp.
<i>Cyclura</i> spp.	<i>Iguana</i> spp.
	<i>Phrynosoma coronatum</i>
<i>Sauromalus varius</i>	

Helodermatidae *Heloderma* spp.

Varanidae

Varanus bengalensis
Varanus flavescens
Varanus griseus
Varanus komodoensis

Varanus spp. *

SERPENTES

Boidae

Acrantophis spp.
Boa constrictor occidentalis =405
Bolyeria multocarinata
Casarea dussumieri
Epicrates inornatus
Epicrates monensis
Epicrates subflavus
Python molurus molurus =406
Sanzinia madagascariensis =407

Boidae spp. * =404

Colubridae

Clelia clelia =408
Cyclagras gigas =409
Elachistodon westermanni
Ptyas mucosus

Elapidae

Hoplocephalus bungaroides
Naja naja =410
Ophiophagus hannah

Viperidae

Vipera ursinii +216

Vipera wagneri

AMPHIBIA

CAUDATA

Ambystomidae

Ambystoma dumerilii
Ambystoma mexicanum

Cryptobranchidae

Andrias spp. =411

ANURA

Bufonidae

Altiphrynoides spp. =412
Atelopus varius zeteki
Bufo periglenes

Bufo retiformis

Bufo superciliaris
Nectophrynoides spp.
Nimbaphrynoides spp. =412
Spinophrynoides spp. =412

Myobatrachidae

Rheobatrachus spp.

Dendrobatidae

Allobates spp. =413
Dendrobates spp.
Epipedobates spp. =413
Minyobates spp. =413
Phobobates spp. =413
Phyllobates spp.

Ranidae

Mantella aurantiaca
Euphlyctis hexadactylus =414
Hoplobatrachus tigerinus
=414

Microhylidae

Dyscophus antongilii

PISCES

CERATODONTIFORMES

Ceratodontidae

Neoceratodus forsteri

COELACANTHIFORMES

Latimeriidae

Latimeria chalumnae

ACIPENSERIFORMES¹

¹ACIPENSERIFORMES spp. *

Acipenseridae

Acipenser brevirostrum

Acipenser oxyrhynchus

Acipenser sturio

Polyodontidae

Polyodon spathula

OSTEOGLOSSIFORMES

Osteoglossidae

Scleropages formosus

Arapaima gigas

¹ This inclusion entered into force on 1st April, 1998/Esta inclusion entro en vigor el 1 de abril de 1998/
Cette inscription est entree en vigueur le 1^{er} avril 1998

CYPRINIFORMES

Cyprinidae

Probarbus jullieni
Chasmistes cujus

Caecobarbus geertsi

Catostomidae

SILURIFORMES

Pangasiidae

Pangasianodon gigas

PERCIFORMES

Sciaenidae

Cynoscion macdonaldi

ARTHROPODA

INSECTA

LEPIDOPTERA

Papilionidae

Ornithoptera alexandrae
Papilio chikae
Papilio homerus
Papilio hospiton

Bhutanitis spp.
Ornithoptera spp. * =415

Parnassius apollo
Teinopalpus spp.
Trogonoptera spp. =415
Troides spp. =415

ARACHNIDA

SCORPIONES

Scorpionidae

Pandinus dictator
Pandinus gambiensis
Pandinus imperator =416

ARANEAE

Theraphosidae

Brachypelma spp. =417

ANNELIDA

HIRUDINOIDEA

ARHYNCHOBDELLAE

Hirudinidae

Hirudo medicinalis

MOLLUSCA

BIVALVIA

VENEROIDA

Tridacnidae

Tridacnidae spp.

UNIONOIDA

Unionidae

Conradilla caelata

Cyprogenia aberti

Dromus dromas =418

Epioblasma curtisi =419

Epioblasma florentina =419

Epioblasma sampsoni =419

Epioblasma sulcata perobliqua =419

Epioblasma torulosa gubernaculum
=419

Epioblasma torulosa rangiana
=419

Epioblasma torulosa torulosa =419

Epioblasma turgidula =419

Epioblasma walkeri =419

Fusconaia cuneolus

Fusconaia edgariana

Lampsilis higginsii

Lampsilis orbiculata orbiculata

Lampsilis satur

Lampsilis virescens

Plethobasus cicatricosus

Plethobasus cooperianus

Pleurobema clava

Pleurobema plenum

Potamilus capax =420

Quadrula intermedia

Quadrula sparsa

Toxolasma cylindrella =421

Unio nickliniana =422

Unio tampicoensis tecomatensis =423

Villosa trabalis =424

GASTROPODA

STYLOMMATOPHORA

Achatinellidae

Achatinella spp.

Camaenidae

Papustyla pulcherrima =425

MESOGASTROPODA

Strombidae

Strombus gigas

CNIDARIA

ANTHOZOA

COENOTHECALIA

COENOTHECALIA spp.
=426 '607

STOLONIFERA

Tubiporidae

Tubiporidae spp. '607

ANTIPATHARIA

ANTIPATHARIA spp.

SCLERACTINIA

SCLERACTINIA spp. '607

HYDROZOA

MILLEPORINA

Milleporidae

Milleporidae spp. '607

STYLASTERINA

Stylasteridae

Stylasteridae spp. '607

F L O R A

AGAVACEAE

Agave arizonica
Agave parviflora

Agave victoriae-reginae #1

Nolina interrata

AMARYLLIDACEAE

Galanthus spp. #1
Sternbergia spp. #1

APOCYNACEAE

Pachypodium ambongense
Pachypodium baronii
Pachypodium decaryi

Pachypodium spp. * #1

Rauvolfia serpentina #2

ARALIACEAE

Panax quinquefolius #3

ARAUCARIACEAE	<i>Araucaria araucana</i> ** +217	<i>Araucaria araucana</i> * -114 #1
ASCLEPIADACEAE		<i>Ceropegia</i> spp. #1 <i>Frerea indica</i> #1
BERBERIDACEAE		<i>Podophyllum hexandrum</i> =427 #2
BROMELIACEAE		<i>Tillandsia harrisii</i> #1 <i>Tillandsia kammii</i> #1 <i>Tillandsia kautskyi</i> #1 <i>Tillandsia mauryana</i> #1 <i>Tillandsia sprengeliana</i> #1 <i>Tillandsia sucrei</i> #1 <i>Tillandsia xerographica</i> #1
BYBLIDACEAE		<i>Byblis</i> spp. #1
CACTACEAE		CACTACEAE spp. * %608 #4

Ariocarpus spp. =428
Astrophytum asterias =429
Aztekium ritteri
Coryphantha werdermannii =430
Discocactus spp.
Disocactus macdougallii =431
Echinocereus ferreirianus
ssp. lindsayi =432
Echinocereus schmollii =433
Escobaria minima =434
Escobaria sneedii =435
Mammillaria pectinifera =436
Mammillaria solisioides
Melocactus conoideus
Melocactus deinacanthus
Melocactus glaucescens
Melocactus paucispinus
Obregonia denegrii
Pachycereus militaris =437
Pediocactus bradyi =438
Pediocactus knowltonii =439
Pediocactus paradinei
Pediocactus peeblesianus =440
Pediocactus sileri =441
Pelecyphora spp. =442
Sclerocactus brevihamatus
ssp. tobuschii =443
Sclerocactus erectocentrus =444
Sclerocactus glaucus =445
Sclerocactus mariposensis =446
Sclerocactus mesae-verdae =447

	<i>Sclerocactus papyracanthus</i> =448	
	<i>Sclerocactus pubispinus</i> =449	
	<i>Sclerocactus wrightiae</i> =450	
	<i>Strombocactus</i> spp.	
	<i>Turbinicarpus</i> spp. =451	
	<i>Uebelmannia</i> spp.	
CARYOCARACEAE		<i>Caryocar costaricense</i> #1
CEPHALOTACEAE		<i>Cephalotus follicularis</i> #1
COMPOSITAE (ASTERACEAE)	<i>Saussurea costus</i> =452	
CRASSULACEAE	<i>Dudleya stolonifera</i> <i>Dudleya traskiae</i>	
CUPRESSACEAE	<i>Fitzroya cupressoides</i> <i>Pilgerodendron uviferum</i>	
CYATHEACEAE		CYATHEACEAE spp. #1
CYCADACEAE	<i>Cycas beddomei</i>	CYCADACEAE spp. * #1
DIAPENSIACEAE		<i>Shortia galacifolia</i> #1
DICKSONIACEAE		DICKSONIACEAE spp. #1
DIDIEREACEAE		DIDIEREACEAE spp. #1
DIOSCOREACEAE		<i>Dioscorea deltoidea</i> #1
DROSERACEAE		<i>Dionaea muscipula</i> #1
ERICACEAE		<i>Kalmia cuneata</i> #1
EUPHORBIACEAE		<i>Euphorbia</i> spp. * -115 °609 #1
	<i>Euphorbia ambovombensis</i>	
	<i>Euphorbia capsaintemariensis</i> =453	
	<i>Euphorbia cremersii</i> =454	
	<i>Euphorbia cylindrifolia</i> =455	
	<i>Euphorbia decaryi</i> =456	
	<i>Euphorbia francoisii</i>	
	<i>Euphorbia moratii</i> =457	
	<i>Euphorbia parvicyathophora</i>	
	<i>Euphorbia quartziticola</i>	
	<i>Euphorbia tulearensis</i> =458	

FOUQUIERIACEAE

Fouquieria fasciculata
Fouquieria purpusii

Fouquieria columnaris #1

JUGLANDACEAE

Oreomunnea pterocarpa =459 #1

LEGUMINOSAE
(FABACEAE)

Dalbergia nigra

Pericopsis elata #5
Platymiscium pleiostachyum #1
Pterocarpus santalinus #6

LILIACEAE

Aloe albida
Aloe albiflora
Aloe alfredii
Aloe bakeri
Aloe bellatula
Aloe calcairophila
Aloe compressa =460
Aloe delphinensis
Aloe descoingsii
Aloe fragilis
Aloe haworthioides =461
Aloe helenae
Aloe laeta =462
Aloe parallelifolia
Aloe parvula
Aloe pillansii
Aloe polyphylla
Aloe rauhii
Aloe suzannae
Aloe thorncroftii
Aloe versicolor
Aloe vossii

Aloe spp. * -116 #1

MELIACEAE

Swietenia humilis #1
Swietenia mahagoni #5

NEPENTHACEAE

Nepenthes khasiana
Nepenthes rajah

Nepenthes spp. * #1

ORCHIDACEAE

Cattleya trianaei °610
Dendrobium cruentum °610
Laelia jongheana °610
Laelia lobata °610

ORCHIDACEAE spp. * =463 #7

Paphiopedilum spp. °610
Peristeria elata °610
Phragmipedium spp. °610
Renanthera imschootiana °610
Vanda coerulea °610

PALMAE
 (ARECACEAE)

Chrysalidocarpus
decipiens #1
Neodypsis decaryi #1

PINACEAE

Abies guatemalensis

PODOCARPACEAE

Podocarpus parlatoresi

PORTULACACEAE

Anacampseros spp. =464 #1
Avonia spp. =465 #1
Lewisia cotyledon #1
Lewisia maguirei #1
Lewisia serrata #1

PRIMULACEAE

Cyclamen spp. °611 #1

PROTEACEAE

Orothamnus zeyheri #1
Protea odorata #1

RANUNCULACEAE

Hydrastis canadensis #3

ROSACEAE

Prunus africana #1

RUBIACEAE

Balmea stormiae

SARRACENIACEAE

Sarracenia alabamensis
 ssp. *alabamensis* =466
Sarracenia jonesii =467
Sarracenia oreophila

Darlingtonia californica #1
Sarracenia spp. * #1

SCROPHULARIACEAE

Picrorhiza kurrooa #3

STANGERIACEAE

Stangeria eriopus =469

Bowenia spp. =468 #1

TAXACEAE

Taxus wallichiana =470 #8

THYMELEACEAE
(AQUILARIACEAE)

Aquilaria malaccensis #1

VALERIANACEAE

Nardostachys grandiflora #3

WELWITSCHIACEAE

Welwitschia mirabilis =471 #1

ZAMIACEAE

ZAMIACEAE spp. * #1

Ceratozamia spp.
Chigua spp.
Encephalartos spp.
Microcycas calocoma

ZINGIBERACEAE

Hedychium philippinense #1

ZYGOPHYLLACEAE

Guaiacum officinale #1
Guaiacum sanctum #1

KG. KGOROBA,
*Minister of Commerce and
Industry.*

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