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

Eighth Meeting of the Conference of the Parties Kyoto (Japan), 2 to 13 March 1992

Committee Reports and Recommendations

NOMENCLATURE COMMITTEE

The Nomenclature Committee (NC) has pursued two responsibilities since the seventh meeting of the Conference of the Parties: 1) preparation of checklists as standard references for the Parties; and 2) reviewing the nomenclatural status of taxa listed in Appendix I prior to the adoption of the Berne Criteria.

This report is presented in three parts: 1) current status of activities; 2) proposed 1993-1995 work plan; and 3) proposed annual budgets for 1992 and 1993-1995.

1. Status of Current Activities

Checklists

The *Checklist of the Cactaceae* is completed and is now being prepared for publication by the Royal Botanic Gardens, Kew, UK. Dr David Hunt of the Gardens is to be congratulated for his dedication in compiling this important reference. The list has been submitted to the Plants Committee for Review.

Preparation of the *Checklist of Snake Species of the World* by Dr Jonathan Campbell is nearing completion. Sections of the manuscript are being circulated for review. The manuscript, totalling over 1,000 pages, is available for inspection.

The first edition of *Mammal Species of the World* is out of print. The data were transferred to the American Society of Mammalogists (ASM), under the care of Dr Don Wilson. Dr Wilson chairs the Society's checklist committee. A second edition is now being prepared under the auspices of the ASM. Publication is expected in 1993.

The first edition of *Amphibian Species of the World* is out of print. The data files have been transferred to the Herpetologists' League (HL) which appointed Dr Roy McDiarmid to chair the Society's amphibian and reptile checklist committee. The Chairman of the CITES Nomenclature Committee serves on the HL committee. The HL checklist committee met in late 1991. Dr Darell Frost, compiler of *Amphibian Species of the World*, advised the committee that all data necessary to prepare a second edition were available. It will require about six months to update the database and prepare a manuscript for publication. It is hoped that the cost of publication will be covered through a co-operative agreement with a printer/publisher.

Turtle and Crocodile Species of the World (compiled by Dr F. Wayne King and R. L. Burke) is available from the Association of Systematics Collections (Washington, D.C., United States).

The checklist of lizard species, while recognized as a priority by the NC, was not initiated because funding was not available.

Those NC members attending the Animals Committee meeting (August 1991; Vancouver, Canada) met to discuss the 1992 work plan. The following activities were recommended:

a) A draft resolution should be prepared for COP8 recommending to the Parties to adopt *Distribution and Taxonomy of Birds of the World*, by Charles Sibley and Burt L. Monroe, Jr., as the standard reference to bird nomenclature. This draft resolution will be reviewed by the NC at its scheduled meeting before presentation for consideration by the Parties.

- b) The feasibility of preparing a consolidated "short" version (i.e. CITES-listed species only) of the checklists, carrying only the names of the species and higher taxonomy, should be considered. An assessment should be undertaken of the cost and relative value of duplicating these lists or transferring them to computer disc for circulation. The results of these reviews should be presented to the Standing Committee.
- c) Work should begin on the compilation of the lizard checklist; information from available systematic monographs and major reviews should be entered into the computer to prepare a consolidated listing for further development by an appointed compiler.
- d) It was recognized that long-term stability in the CITES checklist programme required a broader funding base than can be expected from the Parties. So far, NC funds have only covered the cost of preparing the initial checklists. Printing costs have been borne by the publishers. No funds have been available to maintain the checklists, including identifying changes in the scientific names. Therefore, it was agreed that those Parties and organizations that have a continuing need for updated information on the nomenclatural status of species should be contacted to determine whether they would be interested in collaborating with CITES in supporting the programme.
- e) A consultant should be retained to: transfer the checklists to one computer; assist compilers in circulating sections for review; mark recommended editorial changes, based on reviewers' comments, for the compiler's consideration; maintain records on changes in the nomenclatural status of CITES-listed species; prepare checklists for publication and/or circulation to the Parties; and seek additional financial support for further development of the checklist programme.

Subsequently, Dr Charles Dane (US Scientific Authority and a member of the NC) and the NC Chairman met with various representatives of the Smithsonian Institution (Natural History Museum), and the US Fish and Wildlife Service Laboratory located at the Smithsonian, to discuss the possibility of locating the consulting checklist co-ordinator within the Natural History Museum. Dr Don Wilson, head of the Smithsonian's Biodiversity Programme, has indicated that this programme would like to collaborate and that he would seek space for the consulting co-ordinator and provide basic facilities (phone and postage).

The World Conservation Monitoring Centre (WCMC), ISIS, the Nature Conservancy, and the EEC have been consulted to determine whether they would be interested in collaborating with CITES and the Smithsonian in maintaining the extant checklists and in the development of additional lists. All have expressed interest in collaborating, if an appropriate mechanism can be developed.

Nomenclatural Status

The 7th meeting of the Conference of the Parties requested the NC to undertake a review of all taxa listed in CITES Appendix I prior to the adoption of the Berne Criteria. Funding for this activity was provided by the United States (Scientific Authority) through the CITES Secretariat. The review was undertaken by Mr Tim Inskipp of WCMC.

The preliminary results of this review are attached as Annex 1. The report is presented in three parts:

- * Part 1 is a table listing all taxa listed in Appendix I prior to 1977. Note that those taxa preceded by a "#" were listed on 4 February 1977; all other taxa were listed when the provisions of CITES were initiated at the Plenipotentiary Conference in Washington D.C.
- * Part 2 presents comments necessary to clarify the status of the nomenclature of those taxa for which a reference comment number is listed. Parties will note that the scientific names of many taxa have changed since they were listed. In some cases, the change of the name has resulted in adjustments in the taxonomic and geographic limits that constitute the taxon. This is especially true in relation to changes in subspecies names. Comments have not been prepared for all taxa (especially invertebrate and plant taxa) which will require such annotation because of the difficulty in locating the literature. In the future, additional comments may be required.
- * Part 3 is a bibliography to all original descriptions of the listed taxa and other references cited in the report.

The NC, at its regularly scheduled meeting will review this report and present specific recommendation to the COP. The agenda for the NC meeting is attached (Annex 2).

2. Proposed 1993-1995 Work Plan

It is proposed that during the period 1993 - 1995 the NC will address the following activities:

- As noted, the Mammal and Amphibian volumes are out of print. Information has been compiled to prepare revised lists of both groups. Mechanisms for publishing and/or circulating the revised lists on computer disc will be reviewed. Updated lists will be made available to Parties.
- 2. Work will begin on the compilation of the lizard checklist; information from available systematic monographs and major reviews will be entered into the computer.
- 3. The feasibility of preparing a consolidated "short" version of the checklists, carrying only the names of the species and higher taxonomy, will be examined. If it proves appropriate such lists will be prepared and circulated to the Management Authorities of the Parties.
- Continued management and updating of the extant checklists by the consulting co-ordinator under the supervision of the Chairman.
- 5. If determined to be necessary a new checklist of turtles and crocodilians will be prepared in consultation with the checklist committee of the Herpetologists' League.
- 6. The review of the nomenclatural status of taxa listed prior to 1977 will continue.

3. Proposed Budget

Proposed 1992 Operating Budget USD

EXPENSE CATEGORY	NOTE	USD
Staff time	1	4,500
Travel	2	5,500
Telephone/fax	3	1,000
Supplies and postage	4	1,000
Duplicating	5	1,000
Consultancies	6	22,000
TOTAL		35.000

- Note 1: Chairman's time; charge-out rate is USD 500 per day. Includes project management fees and other administrative requirements.
- Note 2: Chairman's travel cost to participate in COP8.
- Note 3: Estimate based on prior experience.
- Note 4: To circulate copies of lists to Parties.
- Note 5: To duplicate copies of lists.
- Note 6: Includes fees for co-ordinator and computer specialist.

Proposed Operating Budgets: 1993-1995 (USD)

EXPENSE CATEGORY	NOTE	1993	1994	1995
Staff time	1	4,500	4,500	4,500
Travel	2	2,500	2,500	5,000
Telephone/fax	3	1,000	1,000	1,000
Supplies and postage	4	1,500	1,500	1,500
Duplicating	5	1,500	1,500	1,500
Consultancies	6	25,000	26,000	27,000
TOTAL		36,000	37,000	40,500

- Note 1: Chairman's time, charge-out rate is USD 500 per day. Includes project management fees and other administrative requirements.
- Note 2: Chairman's travel cost to participate in Animals Committee and COP9.
- Note 3: Estimate based on prior experience.
- Note 4: To circulate copies of lists to Parties.
- Note 5: To duplicate copies of lists.
- Note 6: Includes fees for co-ordinator and computer specialists.

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	COMME NUMBE
D 4 7 7 7 4			
FAUNA			
CHORDATA			
Mammalia			1
MARSUPIALL	X		
Dasyuridae	Sminthopsis longicaudata Spencer 1909	AU	
Zasyundac	Sminthopsis songicaudata Spencer 1909 Sminthopsis psammophila Spencer 1895	AU	
Thylacinidae	Thylacinus cynocephalus (Harris) 1808	AU	······································
eramelidae	Chaeropus ecaudatus (Ogilby) 1838	AU	
Olumonduo.	Perameles bougainville Quoy & Gaimard 1824	AU AU	
Thylacomyidae	Macrotis lagotis (Reid) 1837	AU	
,	Macrotis leucura (Thomas) 1887	AU	
ombatidae	Lasiorhinus krefftii (Owen) 1873	AU	2
Macropodidae	Caloprymnus campestris (Gould) 1843	AU	
	Lagorchestes hirsutus Gould 1844	. AU	
	Lagostrophus fasciatus (Peron & Lesueur) 1807	AU	
	Onychogalea fraenata (Gould) 1841	AU	
	Onychogalea lunata (Gould) 1841	AU	
PRIMATES			
emuridae	*Lemuridae spp.	MG	*
Cheirogaleidae	Cheirogaleidae spp.	?	3
ndriidae	Indriidae spp.	?	
Daubentoniidae	Daubentonia madagascariensis (Gmelin) 1788	?	
Callithricidae	*Callithrix jacchus aurita (E. Geoffroy) 1812: 119	GB	4
	*Callithrix jacchus flaviceps (Thomas) 1903: 240	GB	5
	Leontopithecus spp.	BR	_
	*Saguinus bicolor (Spix) 1823	GB	
	*Saguinus leucopus (Gunther) 1877	GB	
	*Saguinus oedipus (Linnaeus) 1758	GB	
Callimiconidae	Callimico goeldii (Thomas) 1904	BR	
Cebidae	Alouatta palliata (Gray) 1849	MX	6
	Ateles geoffroyi frontatus (Gray) 1842: 256	?	7
	Ateles geoffroyi panamensis Kellogg & Goldman 1944:40-41	?	7
	Brachyteles arachnoides (E. Geoffroy) 1806	?	
	Cacajao spp.	BR/PE	
	Chiropotes albinasus (l. Geoffroy & Deville) 1848	?	
	Saimiri oerstedii Reinhardt 1872	?	
Cercopithecidae	Cercocebus galeritus galeritus Peters 1879: 829-832	?	8
- · ·	Colobus pennantii kirki (Gray) 1868: 180-182	?	9
	Colobus rufomitratus Peters 1879	?	10
	Macaca silenus (Linnaeus) 1758	?	
	Nasalis spp.	ID	11
	Presbytis entellus (Dufresne) 1797	?	
	Presbytis geei Gee 1956	IN	- *
	Presbytis pileata (Blyth) 1843	?	
*	*Presbytis potenziani (Bonaparte) 1856	GB	
Hylobatidae	Hylobatidae spp.	IN/IN	
Pongidae	*Pongidae spp.	GB	
EDENTATA			

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	COMMENT NUMBER
PHOLIDOTA			
Manidae	Manis temminckii Smuts 1832	ZA	
LAGOMORP			
Leporidae	Caprolagus hispidus (Pearson) 1839	IN	
Dopostado	Romerolagus diazi (Diaz) 1893	MX	
RODENTIA			
Sciuridae	Cynomys mexicanus Merriam 1892	MX	
Muridae	Leporillus conditor (Sturt) 1848	AU	
	Pseudomys praeconis Thomas 1910	AU	
	Xeromys myoides Thomas 1889	AU	
	Zyzomys pedunculatus (Waite) 1896	AU	
Chinchillidae	*Chinchilla spp.	СН	
CETACEA			
Eschrichtidae	Eschrichtius robustus (Lilljeborg) 1861	?	
Balaenopteridae	Balaenoptera musculus (Linnaeus) 1758	?	
	Megaptera novaeangliae (Borowski) 1781	?	
Balaenidae	Balaena spp.	?	12
CARNIVORA			
Canidae	*Speothos venaticus (Lund) 1842	PE	
Ursidae	*Tremarctos ornatus (F. Cuvier) 1825	PE	
	Ursus arctos pruinosus Blyth 1854: 589	MN	13
Mustelidae	Enhydra lutris nereis (Merriam) 1904: 159	MX	14
	Lutra felina (Molina) 1782	AR AR/BR/MX	
	Lutra longicaudis (Olfers) 1818 *Lutra lutra (Linnaeus) 1758	CH	
	Lutra provocax Thomas 1908	AR	
	Mustela nigripes (Audubon & Bachman) 1851	CA	
	Pteronura brasiliensis (Gmelin) 1788	AR/BR	
Vivveridae	Prionodon pardicolor Hodgson 1842	IN	
Hyaenidae	Hyaena brunnea Thunberg 1820	?	
Felidae	Acinonyx jubatus (Schreber) 1776	AF/CM/SU	
	Felis bengalensis bengalensis R. Kerr 1792: 151	IN	15
	Felis concolor coryi Bangs 1899: 15	?	16
	Felis concolor costaricensis Merriam 1901: 596	CR	16
	Felis concolor cougar R. Kerr 1792: 151	CA	17
	Felis jacobita Cornalia 1865	AR	,
	Felis marmorata Martin 1837	IN	
	Felis nigripes Burchell 1824	ZA	
	Felis planiceps Vigors & Horsfield 1827	TH	10
	Felis rufa escuinapae (Allen) 1903: 614 Felis temmincki Vigors & Horsfield 1827	MX IN	18
	Neofelis nebulosa (Griffith) 1821	BG/ID/IN	
	*Panthera leo persica Meyer 1826	GB	19
	Panthera onca (Linnaeus) 1758	AR/MX	
	Panthera pardus (Linnaeus) 1758	?	
	Panthera uncia (Schreber) 1775	SU	
PINNIPEDIA			

HIGHER CLASSIFICATION	71. VOV	an on our way	COMMENT
CLASSIFICATION	TAXON	PROPONENT(S)	NUMBER
PROBOSCIDEA			
Elephantidae	Elephas maximus Linnaeus 1758		
SIRENIA	Elephas maximus Linnaeus 1/36	?	
	TD		·
Dugongidae	Dugong dugon** (Muller) 1776	?	
Trichechidae	Trichechus inunguis (Natterer) 1883	BR	
DED ICCOD A CA	Trichechus manatus Linnaeus 1758	MX	
PERISSODACT			
Equidae	Equus hemionus Pallas 1775: 394	MN	20
	Equus hemionus khur Lesson 1827: 347	IN	2 0
	Equus przewalskii Poliakov 1801: pls. 1 & 2	MN	
	Equus zebra zebra Linnaeus 1758	ZA	21
Tapiridae	Tapiridae spp. **	IN/TH	
Rhinocerotidae	*Rhinocerotidae spp.	GB	
ARTIODACTY			···
Suidae	Babyrousa babyrussa (Linnaeus) 1758	ID ID	
	Sus salvanius (Hodgson) 1847	IN	
Camelidae	Vicugna vicugna** Lesson 1842	AR/GB/PE	
Cervidae	Blastocerus dichotomus (Illiger) 1815	AR	
	*Cervus dama mesopotamicus Brooke 1875: 264	IR I	22
	Cervus duvauceli G. Cuvier 1823	IN	
	Cervus elaphus hanglu Wagner 1844: 352 (footnote)	IN	23
	Cervus eldi McClelland 1842	IN/TH	
	Cervus porcinus annamiticus (Heude) 1888: 50	(TH	24
	Cervus porcinus calamianensis (Heude) 1888	PH	24
	Cervus porcinus kuhli Muller & Schlegel 1844		24
	Hippocamelus spp.	AR	
	Ozotoceros bezoarticus (Linnaeus) 1758	AR	
	Pudu pudu (Molina) 1782	AR	
Bovidae	Antilocapra americana peninsularis Nelson 1912: 107	MX	25
	Antilocapra americana sonoriensis Goldman 1945: 3	MX	25
	Bison bison athabascae Rhoads 1898: 498	{ ?	26
	Bos gaurus H. Smith 1827: 399	?	27
	Bos mutus Przevalski 1883: 191	?	28
	Bos sauveli Urbain 1937	?	29
	Bubalus depressicornis (H. Smith) 1827		
	Bubalus mindorensis (Heude) 1888		
	Bubalus quarlesi (Ouwens) 1910	?	20
	Capra falconeri chialtanensis Lydekker 1913: 171	?	3 0
	Capra falconeri jerdoni Hume 1875: 240	AF	30
	Capra falconeri megaceros Hutton 1842: 535	AF	3 0
	Capricornis sumatraensis (Bechstein) 1799	PT	21
	Hippotragus niger variani (Thomas) 1916		31
	Nemorhaedus goral (Hardwicke) 1825	ID/KP/SU/TH	
	Oryx leucoryx (Pallas) 1777	?	20
	Ovis ammon hodgsoni Blyth 1841: 65	IN	32
	Ovis orientalis ophion Blyth 1841: 73	US	33
	Ovis vignei Blyth 1841	IN IT	34
	Rupicapra rupicapra ornata Neumann 1899: 347	1 11 1	34

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	NUMBER NUMBER
Aves			35
TINAMIFORM	IES .		
Tinamidae	Tinamus solitarius (Vieillot) 1819: 105	l BR I	
PODICIPEDIF			
Podicipedidae	Podilymbus gigas Griscom 1929	GT	
PROCELLARI		1	
PROCELLARI Diomedeidae			
	Diomedea albatrus Pallas 1769: 28	JP	
PELECANIFO			
Sulidae	Sula abbotti (Ridgway) 1893: 599	?	
Fregatidae	Fregata andrewsi Mathews 1914: 120	?	
CICONIIFORM			
Ciconiidae	Ciconia ciconia boyciana Swinhoe 1873: 513	. JP/KP	36
Threskiornithidae	Nipponia nippon (Temminck 1835) 93: 551	KP	
ANSERIFORM	IES		
Anatidae	Anas aucklandica nesiotis (Fleming) 1935: 1	?	37
	Anas laysanensis Rothschild 1892: 17	US	38
	Anas oustaleti Salvadori 1894: 1		3 9
	Branta canadensis leucopareia Brandt 1836: 37	JP	40
	Branta sandvicensis (Vigors) 1834: 4	US	
	Cairina scutulata (S. Muller) 1842: 159	TH	
	Rhodonessa caryophyllacea (Latham) 1790: 866	IN	
FALCONIFOR	MES		
Cathartidae	Gyninogyps californianus (Shaw) 1798: [1] pl. 301	MX	
	Vultur gryphus Linnaeus 1758: 86	AR	
Accipitridae	*Aquila heliaca Savigny 1809: 82	CH	
•	*Chondrohierax uncinatus wilsonii (Cassin) 1847: 21	GB	41
	*Haliaeetus albicilla (Linnaeus) 1758: 89	СН	
	*Haliaeetus leucocephalus (Linnaeus) 1766: 124	СН	
	Harpia harpyja (Linnaeus) 1758: 86	BR/CR/MX	
	Pithccophaga jefferyi Ogilvie-Grant 1897: 17	?	
Falconidae	*Falco araea (Oberholser) 1917	GB	42
	*Falco newtoni aldabranus Grote 1928	GB	43
	*Falco peregrinus Tunstall 1771: 1	CH/GB	
	*Falco punctatus Temminck 1821 8: pl. 45	GB	
GALLIFORME			
Megapodiidae	Macrocephalon maleo S. Muller 1846: 116	ID	
Cracidae	Aburria jacutinga (Spix) 1825: 53	BR	44
· # # # # # # # # # # # # # # # # # # #	Aburria pipile pipile (Jacquin) 1784: 26	US	44
	Crax blumenbachii Spix 1825: 50	BR/US	• •
	Crax mitu mitu Linnaeus 1766: 270	BR	45
	Oreophasis derbianus G.R. Gray 1844: [485] col. pl. 121	US	
Phasianidae	Colinus virginianus ridgwayi Brewster 1885: 199	. ?	46
	Crossoptilon crossoptilon (Hodgson) 1838: 864	IN	-
	Crossoptilon mantchuricum Swinhoe 1863: 287	?	
	Lophophorus spp	IN	
	Lophura edwardsi (Oustalet) 1896: 316	?	
	Lophura imperialis (Delacour & Jahouille) 1924: 29	?	
	Lophura swinhoii (Gould) 1863: 284	?	

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	COMMEN NUMBER
CEASSITICATION	I MAON	[FROFONENI(S)]	NUMBER
	Polyplectron emphanum Temminck 1831 88: pl. 540	?	
	Syrmaticus ellioti (Swinhoe) 1872: 550	?	
	Syrmaticus humiae (Hume) 1881: 461	?	
	Syrmaticus mikado (Ogilvie-Grant) 1906: 122	?	
	Tetraogallus caspius (Gmelin) 1784: 67	. s u	
	Tetraogallus tibetanus Gould 1854: 47	SU	
	Tragopan blythii (Jerdon) 1870: 60	?	
	Tragopan caboti (Gould) 1857: 161	?	
	Tragopan melanocephalus (Gray) 1829: 29	?	
	Tympanuchus cupido attwateri Bendire 1893: 425	US	47
GRUIFORMES			
Gruidae	Grus americana (Linnaeus) 1758: 142	CA/US	
	Grus canadensis nesiotes Bangs & Zappey 1905: 193-194	US	48
	Grus canadensis pulla Aldrich 1972: 63-70	US	48
	Grus japonensis (P.L.S. Muller) 1776: 110	JP/KP/MN/US	
	Grus leucogeranus Pallas 1773: 714	AF/MN/US	
	Grus monacha Temminck 1835 94: 555	MN/US	
	Grus vipio Pallas 1811: 111	MN/US	
Rallidae	Tricholimnas sylvestris (Sclater) 1869: 472	?	
Rhynochetidae	Rhynochetos jubatus Verreaux & Des Murs 1860:440	?	49
Otididae	Houharopsis bengalensis (Gmelin) 1789: 724	IN	50
CHARADRIIF			
Scolopacidae	Numenius borealis (Forster) 1772: 411, 431	CA	
	Tringa guttifer (Nordmann) 1835: 17	JP	
aridae	Larus relictus (Lonnberg) 1931: 2,5	MN	
COLUMBIFOR			
Columbidae	Ducula mindorensis (Whitehead) 1896: 189-190	? 1	
SITTACIFOR			
Psittacidae	Amazona dufresniana rhodocorytha (Salvadori) 1890: 370	BR	51
Sittaciano	Amazona guildingii (Vigors) 1837: 80	?	J1
	Amazona imperialis Richmond 1899: 186	, ,	
	Amazona leucocephala (Linnaeus) 1758: 100	7	
	Amazona pretrei (Temminck) 1830: 492	BR	52
	Amazona versicolor (M?ller) 1776:78	2	22
		BR	
	Amazona vinacea (Kuhl) 1820: 77 Amazona vinacea (Roddaert) 1783: 49	1 '	
	Amazona vittata (Boddaert) 1783: 49	?	
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320	? BR	
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675	? BR BR	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529	PRBRBR	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl	? BR BR ? ?	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl Geopsittacus occidentalis (Gould) 1861: 100	? BR BR ? ?	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl Geopsittacus occidentalis (Gould) 1861: 100 Neophema chrysogaster (Latham) 1790: 97	? BR BR ? ? AU AU	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl Geopsittacus occidentalis (Gould) 1861: 100 Neophema chrysogaster (Latham) 1790: 97 *Pezoporus wallicus (Kerr) 1792 1: 581	? BR BR ? ? AU AU AU	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl Geopsittacus occidentalis (Gould) 1861: 100 Neophema chrysogaster (Latham) 1790: 97 *Pezoporus wallicus (Kerr) 1792 1: 581 Pionopsitta pileata (Scopoli) 1769: 32	? BR BR ? ? AU AU AU BR	53
	Amazona vittata (Boddaert) 1783: 49 Aratinga guarouba (Gmelin) 1788: 320 Cyanopsitta spixii (Wagler) 1832: 675 Cyanoramphus auriceps forbesi Rothschild 1893: 529 Cyanoramphus novaezelandiae (Sparrman) 1787 no. xxviii, pl Geopsittacus occidentalis (Gould) 1861: 100 Neophema chrysogaster (Latham) 1790: 97 *Pezoporus wallicus (Kerr) 1792 1: 581	? BR BR ? ? AU AU AU	53

HIGHER			COMMENT
CLASSIFICATION	TAXON	PROPONENT(S)	NUMBER
	In		
	Psittacus erithacus princeps Boyd Alexander 1909: 74	PT	5 5
	Pyrrhura cruentata (Wied) 1820: 53, 72	BR	
	Rhynchopsitta pachyrhyncha (Swainson) 1827: 439	MX	
	Strigops habroptilus Gray 1845: 427	?	
STRIGIFORM			
Tytonidae	*Tyto soumagnei (Milne-Edwards) 1878: 1282, note 2	GB	
Strigidae	*Ninox novaeseelandiae royana Mathews 1912: 120	AU	56
	*Ninox squamipila natalis Lister 1889: 525	AU	57
	Otus gurneyi (Tweeddale) 1879: 940-941	?	58
APODIFORMI	ES		
Trochilidae	Glaucis dohrnii (Bourcier & Mulsant) 1852: 139	BR	59
TROGONIFOR	RMES		
Trogonidae	Pharomachrus mocinno de la Llave 1832: 48	GT/MX	60
CORACIIFOR	MES		
Bucerotidae	Rhinoplax vigil (J. R. Forster) 1781: 40	TH	
PICIFORMES			
Picidae	Campephilus principalis (Linnaeus) 1758	MX	
	Dryocopus javensis richardi Tristram: 386	KP	61
PASSERIFOR!			
Cotingidae	Cotinga maculata (P.L.S. Muller) 1776	BR	
	Xipholena atropurpurea (Wied) 1820	BR	
Pittidae	Pitta kochi Br?ggemann 1876: 65	?	
Atrichornithidae			
	Atrichornis clamosus (Gould) 1844; pl. 34	AU	
Muscicapidae			
•	Dasyornis broadbenti litoralis (Milligan) 1902: 69	AU	62
	Dasyornis longirostris Gould 1841: 170	AU	63
	Picathartes spp	?	
Zosteropidae			
•	Zosterops albogularis Gould 1837: 75		
Meliphagidae			
	Meliphaga cassidix (Gould) 1867 pl. 39	AU	64
Fringillidae			
_	Carduelis cucullata Swainson 1820: pl. 7	US/VE	65
Sturnidae	Leucopsar rothschildi Stresemann 1912:	?	

PART 1: TAXA LISTED ON APPENDIX I PRIOR TO 1977

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	COMMENT NUMBER
Domtilio			
Reptilia TESTUDINATA			
Emydidae	Batagur baska (Gray) 1831		66
Emydidae	1 4 17	?	
	Geoclemys hamiltonii (Gray) 1831 Kachuga tecta tecta (Gray) 1831	1 6	<i>(</i> 2
	Melanochelys tricarinata Blyth 1856	, ,	67
	Morenia ocellata (Dum?ril & Bibron) 1835	7	68
	Terrapene coahuila Schmidt & Owen 1944	MX	
T e studinidae	Geochelone elephantopus (Harlan) 1827	- MA	69
Cstuamidae	Geochelone radiata (Shaw) 1802		69
	Geochelone yniphora (Vaillant) 1885		
	Psammobates geometricus (Linnaeus) 1758	GB	
Dermochelyidae	*Dermochelys coriacea (Vandelli) 1761	AU/GB	
Trionychidae	Lissemys punctata punctata (Lacepede) 1788: 171	AU/GB	70
Trionychidae	Trionyx ater Webb & Legler 1960	MX	70 71
	Trionyx gangeticus Cuvier 1825	NIA	72
	Trionyx hurum Gray 1831	9	72 72
	Trionyx nigricans Anderson 1875	9	72 72
Chelidae	Pseudemydura umbrina Siebenrock 1901	AU	12
CROCODYLIA		no no	72
	and the contract of the contra		73
Alligatoridae	Alligator sinensis Fauvel 1879	?	24
	Caiman crocodilus apaporiensis Medem 1955: 339-344	?	74
	Caiman latirostris (Daudin) 1802	BR	
C	Melanosuchus niger (Spix) 1825	?	
Crocodylidae	Crocodylus intermedius Graves 1819	?	
	Crocodylus moreletii Dumeril, Bibron & Dumeril 1851	MX	25
	Crocodylus novaeguineae mindorensis Schmidt 1935	?	75
	*Crocodylus palustris Lesson 1834	CH	
	Crocodylus rhombifer Cuvier 1807	?	
	Crocodylus siamensis Schneider 1801	?	
	*Osteolaemus tetraspis Cope 1862	СН	
A	Tomistoma schlegelii (S. Muller) 1838	?	
Gavialidae	Gavialis gangeticus (Gmelin) 1789		
RHYNCHOCE			76
Sphenodontidae	Sphenodon punctatus (Gray) 1842	?	77
SAURIA			78
Varanidae	Varanus bengalensis (Daudin) 1802: 67	IN	79
	Varanus flavescens (Gray) 1827: 226	IN	8 0
	Varanus griseus (Daudin) 1803: 352	?	81
	Varanus komodoensis Ouwens 1912	?	82
SERPENTES			83
Boidae	*Acrantophis spp.	GB/MG	84
	*Bolyeria multocarinata (Boie) 1837	GB	85
	*Casarca dussumieri (Schlegel) 1837	GB	8 6
	*Epicrates inornatus (Reinhardt) 1843	СН	87
	Epicrates subflavus Stejneger 1901	. ?	8 8
	Python molurus molurus Linnaeus 1758: 225	IN	89
	*Sanzinia madagascariensis (Dumeril & Bibron) 1844	GB/MG	90

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	NUMBE NUMBE
Amphibia			91
CAUDATA			
Cryptobranchidae	Andrias spp.	7	
ANURA	Talurias spp.		
Bufonidae	Atelopus varius zeteki Dunn 1933	1 110	
outonidae	Bufo superciliaris Boulenger 1887	US	92
	Nectophrynoides spp.	,	
	inectophrynoides spp.		
risces			93
CIPENSERIF	ORMES		
cipenseridae	Acipenser brevirostrum LeSueur 1818	?	94
YPRINIFORN	MES		
yprinidae	Probarbus jullieni Sauvage 1880: 228-233	?	95
atostomidae	Chasmistes cujus Cope 1883: 149	?	96
ILURIFORME			
chilbeidae	Pangasianodon gigas Chevey 1930	?	97
ERCIFORME			
ciaenidae	*Cynoscion macdonaldi Gilbert 1890: 64	Us	98
MOLLUSO		1, 25	
ivalvia			
NIONOIDA			~
nionidae	Conradilla caelata		99
nionidae		?	100
	Dromus dromas	?	101
	Epioblasma curtisi (Utterback) 1915	?	102
	Epioblasma florentina (Lea) 1857	?	103
	Epioblasma sampsoni (Lea) 1861	?	104
	Epioblasma sulcata perobliqua	?	105
	Epioblasma torulosa gubernaculum (Reeve) 1865		106
	Epioblasma torulosa (Rafinesque) 1820	?	107
	Epioblasma turgidula (Lea) 1858	?	108
	Epioblasma walkeri (Wilson & Clark) 1914	,	109
	Fusconaia cuneolus		110
	Fusconaia edgariana	(111
	Lampsilis higginsi		112
	Lampsilis orbiculata orbiculata Lampsilis satura	,	113
			114
	Lampsilis virescens Plethobasus cicatricosus	, ,	115 116
	Plethobasus cooperianus	, ,	110
	Pleurobema plenum		117
	Potamilus capax		119
	Quadrula intermedia	,	120
	Quadrula intermedia Quadrula sparsa		120
	Toxolasma cylindrella		121
	Unio nickliniana	MX	123
	Unio tampicoensis tecomatensis	MX	124
	Villosa trabalis	?	125

PART 1: TAXA LISTED ON APPENDIX I PRIOR TO 1977

HIGHER CLASSIFICATION	TAXON	PROPONENT(S)	COMMEN NUMBER
FLORA			126
Агасеае	Alocasia sanderiana Hort. ex Bull 1894	?	127
Cupressaceae	Pilgerodendron uviferum (D. Don) Florin	AR	128
luglandaceae	Oreomunnea pterocarpa (Oersted)	?	129
Liliaceae	Aloe albida (Stapf) Reynolds	?	130
	Aloe pillansii L. Guthrie	?	131
	Aloe polyphylla Sch?nl. ex Pillans 1934	?	132
	Aloe thorncroftii Pole Evans 1917: 709	?	133
	Aloe vossii Reynolds 1936	?	134
Orchidaceae	Cattleya skinneri Bateman 1838 t. 13	?	135
	Cattleya trianae Linden & Rchb.f. 1864: 67	?	136
	Didiciea cunninghamii King & Prain ex King & Pantling	?	137
	Laelia jongheana Rchb.F. 1872: 158	?	138
	Laelia lobata (Lindley) Veitch 1848	?	139
	Lycaste skinneri (Batem. ex Lindl.) Lindl. var. alba Cockerell	?	140
	Peristeria elata Hooker 1831 t. 3116	?	141
Pinaceae	Abies guatemalensis Rehder 1939: 285	?	142
Podocarpaceae	Podocarpus parlatorei Pilger	AR	143
roteaceae	Orothamnus zeyheri Pappe ex Hooker 1848	?	144
	Protea odorata Thunberg: 187	?	145
Ruhiaceae	Balmea stormiae Martinez 1942	?	146
Stangeriaceae	*Stangeria eriopus (Kunze) Nash	GB	147
Zamiaceae	*Encephalartos spp.	GB	148
	Microcycas calocoma (Miq.) A. DC.	?	149
Zingiberaceae	Hedychium philippinense K. Schumann 1904	?	150

FAUNA:

Mammalia:

- 1. Species nomenclature follows Honacki et al. (1982) except for Equus przewalskii (=E. caballus), Bos gaurus (=B. frontalis), Bos mutus (=B. grunniens) and Ovis orientalis ophion (=O. musimon ophion or O. aries ophion). References for type descriptions are given only for subspecies and the above-mentioned species.
- 2. Lasiorhinus krefftii. Originally listed as Lasiorhinus gillespiei.
- 3. Cheirogaleidae spp. Originally included in Lemuridae.
- 4. Callithrix jacchus aurita. Originally listed as Callithrix aurita.

 See Napier (1976) for subspecies limits.
- 5. Callithrix jacchus flaviceps. Originally listed as Callithrix flaviceps. See Napier (1976) for subspecies limits.
- 6. Alouatta palliata. Originally listed as Alouatta palliata (villosa). It is likely that the parentheses were originally used in the sense of inclusion cf. Lutra longicaudis (platensis/annectens) rather than being equivalent to, cf. the 1973 listing Priodontes giganteus (=maximus) or Oryx (tao) dammah (i.e. with the synonym prefixing the accepted name). If this view is accepted then Alouatta pigra (of which villosa is a synonym) should also be listed on Appendix I.
- 7. Ateles geoffroyi frontatus and Ateles geoffroyi panamensis. Napier (1976) synonymises A. g. panamensis with ornatus Gray 1870 and points out that the type specimen of ornatus was not examined by Kellogg & Goldman. The latter authors comparison with specimens currently assigned to ornatus from the Caribbean slope of Costa Rica is invalid.
- 8. Cercocebus galeritus galeritus. C. galeritus is currently monotypic since Honacki et al. (1982) treat C. agilis as a separate species, and C. galeritus "sanjei" Homewood and Rodgers (1981) has not been formally accepted as a valid taxon because the original description was based on live animals only. The current trinomial should be maintained in Appendix I, pending clarification of "sanjei".
- 9. Colobus pennantii kirki. Originally listed as Colobus badius kirkii. Gray's (1868) original spelling of the name was Colobus kirkii and this should therefore be followed [see Art. 33(d) of ICZN (1985)]. Napier (1985) and Lee et al. (1988) treat this as a species, the latter including it in the genus Procolobus.

- 10. Colobus rufomitratus. Originally listed as Colobus badius rufomitratus. Lee et al. (1988) include it in the genus Procolobus.
- 11. Nasalis spp. Originally listed as Nasalis larvatus and Simias concolor.
- 12. Balaena spp. Originally listed as Balaena mysticetus and Eubalaena spp.
- 13. Ursus arctos pruinosus. Distinguishing subspecies of Ursus arctos, even whole animals, is probably impossible in many cases. Corbet (1978) recognised five or six subspecies in the Palaearctic but expressed doubt that any of these were valid. He included lagomyiarius in pruinosus. See also the discussion in the proposal to replace U. a. pruinosus in Appendix I by the populations of U. arctos in China and Mongolia (Doc. 8.46).
- 14. Enhydra lutris nereis.
- 15. Felis bengalensis bengalensis. See discussion in Significant Trade review (Doc. 8.?).
- 16. Felis concolor coryi and Felis concolor costaricensis. Hall (1981) provides information on the geographical delimitation of all North and Central American races of F. concolor.
- 17. Felis concolor cougar. Kerr's (1792) original spelling of the name was Felis couguar.
- 18. Felis rufa escuinapae. See the proposal submitted by the USA to transfer this subspecies to Appendix II (Doc. 8.44).
- 19. Panthera led persica.
- 20. Equus hemionus hemionus and Equus hemionus khur.
- 21. Equus zebra zebra.
- 22. Cervus dama mesopotamicus. Originally listed as Dama mesopotamica.
- 23. Cervus elaphus hanglu.
- 24. Cervus porcinus annamiticus, Cervus porcinus calamianensis and Cervus porcinus kuhli. Originally listed as Axis (Hyelaphus) porcinus annamiticus, Axis (Hyelaphus) calamianensis and Axis (Hyelaphus) kuhli.
- 25. Antilocapra americana peninsularis and Antilocapra americana sonoriensis. See the proposal to delete the US populations of these subspecies and replace the current listing with the Mexican populations of A. americana (Doc. 8.44)
- 26. Bison bison athabascae.

- 27. Bos gaurus. Honacki et al. (1982) list this as B. frontalis Lambert, 1804. They state in the introduction (pp. 3-4) that 'The scientific names employed for domesticated mammals, and for the wild ancestors of domesticated forms, are in all cases the earliest available valid names, as called for by the Code of the International Commission on Zoological Nomenclature. A different approach has been used by Corbet (1978) and Corbet and Hill (1980), in which names based on domesticated forms were not employed, and the first valid name based on a wild individual was used instead..' Doc. 4.16 [which reviewed the nomenclature of mammals listed in the Appendices with regard to differences from that employed by Honacki et al. (1982)] stated that 'B. gaurus was retained as a distinct species by Corbet and Hill, 1980... The consensus opinion of mammalogists...is that gaurus and frontalis are synonymous. However, the lack of any definitive taxonomic study leaves this conclusion in doubt. Therefore, THE COMMITTEE RECOMMENDS THAT THE LISTING OF Bos gaurus ON APPENDIX I BE RETAINED FOR THE TIME BEING'.
- 28. Bos mutus. Doc. 4.16 recommended that the listing on Appendix I of Bos (grunniens) mutus be replaced by Bos grunniens (=mutus). However, this recommendation was not followed, presumably using the argument employed above for B. gaurus. The principle of following Corbet and Hill (1980) in treating names of domesticated forms as separate entities to the wild equivalents was recently re-employed by CITES when the name Bubalus bubalis Linnaeus, 1758 (based on domesticated stock) on Appendix III was replaced by B. arnee (the first available name for a wild population).
- 29. Bos sauveli. Originally listed as Novibos (Bos) sauveli.
- 30. Capra falconeri chialtanensis, Capra falconeri jerdoni and Capra falconeri megaceros. A proposal to transfer to Appendix I all subspecies remaining in Appendix II will, if accepted, avoid the need to clarify the confused infraspecific taxonomy of C. falconeri.
- 31. Hippotragus niger variani.
- 32. Ovis ammon hodgsoni. Blyth's (1841: 65) original spelling was Ovis Hodgsonii; the entry should be changed to Ovis ammon hodgsonii.
- 33. Ovis orientalis ophion. Honacki et al. (1982) treat orientalis as a synonym of O. aries, but under O. musimon is the following comment: 'The status of the Cyprian wild sheep, ophion, is controversial. It was allocated to O. orientalis (=aries) by Ellerman and Morrison-Scott, 1951:418, and Gromov and Baranova, 1981:406, but provisionally assigned to musimon by Nadler et al., 1973, Z. Saugetierk., 38:119. Payne, 1968, Proc. Prehist. Soc., 34:368-384, considered musimon and ophion to be primitive feral stocks of domesticated O. aries.'
- 34. Rupicapra rupicapra ornata.

Aves:

- 35. Species nomenclature follows Morony et al. (1975) except for Anas laysanensis (=A. platyrhynchos laysanensis), Anas oustaleti (=A. platyrhynchos x superciliosa) and Otus (=Mimizuku) gurneyi. References for type descriptions are given for all species and subspecies as this information is not provided by Morony et al..
- 36. Ciconia ciconia boyciana. Now usually treated as a separate species C. boyciana e.g. Sibley and Monroe (1990).
- 37. Anas aucklandica nesiotis.
- 38. Anas laysanensis.
- 39. Anas oustaleti is usually regarded as a stabilised hybrid swarm, involving A. platyrhynchos and A. superciliosa. It was highly variable with some individuals that looked like typical examples of one or the other parent species (Yamashina 1948).
- 40. Branta canadensis leucopareia.
- 41. Chondrohierax uncinatus wilsonii. Originally listed as Chondrohierax wilsonii.
- 42. Falco araea. New name for Falco gracilis Lesson 1830.
- 43. Falco newtoni aldabranus. This subspecies is not recognised by Stresemann and Amadon (1979), where F. newtoni is listed as monotypic.
- 44. Aburria jacutinga and Aburria pipile pipile. Originally listed as Pipile jacutinga and Pipile pipile.
- 45. Crax mitu mitu. Originally listed as Mitu mitu mitu. The type locality of Crax mitu is in doubt.
- 46. Colinus virginianus ridgwayi.
- 47. Tympanuchus cupido attwateri
- 48. Grus canadensis nesiotes and Grus canadensis pulla.
- 49. Rhynochetos jubatus. The correct spelling is Rhynochetus jubata [see Sibley & Monroe (1990) p. 219].
- 50. Houbaropsis bengalensis. Originally listed as Eupodotis bengalensis and this latter taxonomic treatment is now usually favoured e.g Sibley and Monroe (1990).
- 51. Amazona dufresniana rhodocorytha. Originally listed as Amazona rhodocorytha. In some respects appears more similar to brasiliensis than it does to dufresniana and it is preferable to treat it as a separate species (see Ridgely 1982).

- 52. Amazona pretrei. Originally listed as Amazona pretrei pretrei.
- 53. Cyanoramphus auriceps forbesi.
- 54. Psittacula echo. Originally listed as Psittacula krameri echo.
- 55. Psittacus erithacus princeps. Almost certainly an invalid taxon see discussion in Significant Trade review.
- 56. Ninox novaeseelandiae royana.
- 57. Ninox squamipila natalis.
- 58. Otus gurneyi. This species is perhaps more closely related to the genus Bubo than to Otus (see Dickinson et al. 1991) and should be listed as Mimizuku gurneyi.
- 59. Glaucis dohrnii. Originally listed as Ramphodon dohrnii.
- 60. Pharomachrus mocinno. Originally listed as P. m. costaricensis and P. m. mocinno.
- 61. Dryocopus javensis richardi.
- 62. Dasyornis broadbenti litoralis.
- 63. Dasyornis longirostris. Originally listed as Dasyornis brachypterus longirostris.
- 64. Meliphaga cassidix. Usually now regarded as a race of melanops, which itself is usually included in the genus Lichenostomus i.e. Lichenostomus melanops cassidix e.g. Sibley and Monroe (1990).
- 65. Carduelis cucullata. Originally listed as Spinus cucullatus.

Reptilia:

TESTUDINATA:

- 66. Species nomenclature follows King and Burke (1989) except for Geochelone elephantopus (=G. nigra), Trionyx ater (= synonym of Apalone spinifera), Trionyx gangeticus (=Aspideretes gangeticus), Trionyx hurum (=Aspideretes hurum) and Trionyx nigricans (=Aspideretes nigricans). References for type descriptions are given only for subspecies.
- 67. Kachuga tecta tecta.
- 68. Melanochelys tricarinata. Originally listed as Geoemyda (=Nicoria) tricarinata.
- 69. Geochelone elephantopus. King and Burke (1989) use G. nigra (Quoy and Gaimard) 1824 for this species, and give references for this decision.

- 70. Lissemys punctata punctata. The provenance of the type specimen has been redetermined (see Webb 1980, 1982) which creates a doubt as to which population is covered by the Appendix I listing. The Ten Year Review Central Committee agreed (CITES Doc. 4.37 Annex 2) that 'it would be preferable to list Lissemys punctata on Appendix II than to simply transfer the nominal subspecies from Appendix I to Appendix II'. This has still not been addressed.
- 71. Trionyx ater. King and Burke (1989) quote Smith and Smith (1979) who showed that this taxon is a synonym of Apalone spinifera Le Sueur 1827 (=Trionyx spiniferus).
- 72. Trionyx gangeticus, T. hurum, T. nigricans. King and Burke (1989) include these species in the genus Aspideretes, following Meylan (1987).

CROCODYLIA

- 73. Species nomenclature follows King and Burke (1989) except for Crocodylus novaeguineae mindorensis (=C. mindorensis). References for type descriptions are given only for subspecies.
- 74. Caiman crocodilus apaporiensis.
- 75. Crocodylus novaeguineae mindorensis. Usually treated as a full species Crocodylus mindorensis (see King and Burke, 1989; Groombridge, 1982; Wermuth and Mertens 1977).

RHYNCHOCEPHALIA

- 76. Species nomenclature follows King and Burke (1989)
- 77. Sphenodon punctatus.

SAURIA

- 78. Type descriptions are given for all taxa
- 79. Varanus bengalensis.
- 80. Varanus flavescens.
- 81. Varanus griseus.
- 82. Varanus komodoensis.

SERPENTES

- 83. References for type descriptions are given for all species and subspecies
- 84. Acrantophis spp.
- 85. Bolyeria multocarinata.

- 86. Casarea dussumieri.
- 87. Epicrates inornatus.
- 88. Epicrates subflavus.
- 89. Python molurus molurus. Includes Python molurus pimbura.
- 90. Sanzinia madaqascariensis.

Amphibia:

- 91. Species nomenclature follows Frost (1985). References for type descriptions are given only for subspecies.
- 92. Atelopus varius zeteki.

Pisces:

- 93. References for type descriptions are given for all taxa.
- 94. Acipenser brevirostrum.
- 95. Probarbus jullieni.
- 96. Chasmistes cujus.
- 97. Pangasianodon gigas.
- 98. Cynoscion macdonaldi.

Mollusca:

- 99. Type references are given for all taxa.
- 100. Conradilla caelata.
- 101. Dromus dromas.
- 102. Epioblasma curtisi.
- 103. Epioblasma florentina.
- 104. Epioblasma sampsoni.
- 105. Epioblasma sulcata perobliqua. Should be listed as Epioblasma sulcata delicata (Simpson) 1900 (see Wells et al. 1983).
- 106. Epioblasma torulosa gubernaculum.
- 107. Epioblasma torulosa torulosa.
- 108. Epioblasma turgidula.

- 109. Epioblasma walkeri.
- 110. Fusconaia cuneolus.
- 111. Fusconaia edgariana.
- 112. Lampsilis higginsi.
- 113. Lampsilis orbiculata orbiculata.
- 114. Lampsilis saturata.
- 115. Lampsilis virescens.
- 116. Plethobasus cicatricosus.
- 117. Plethobasus cooperianus.
- 118. Pleurobema plenum.
- 119. Potamilus capax.
- 120. Quadrula intermedia.
- 121. Quadrula sparsa.
- 122. Toxolasma cylindrella.
- 123. Unio nickliniana.
- 124. Unio tampicoensis tecomatensis.
- 125. Villosa trabalis.

FLORA:

- 126. Type references are given for all taxa.
- 127. Alocasia sanderiana. See deletion proposal (Doc. 8.44).
- 128. Pilgerodendron uviferum.
- 129. Oreomunnea pterocarpa. Originally listed as Engelhardtia pterocarpa. See deletion proposal (Doc. 8.44).
- 130. Aloe albida.
- 131. Aloe pillansii.
- 132. Aloe polyphylla.
- 133. Aloe thorncroftii.
- 134. Aloe vossii.

- 135. Cattleya skinneri.
- 136. Cattleya trianae.
- 137. Didiciea cunninghamii. See deletion proposal (Doc. 8.44).
- 138. Laelia jongheana.
- 139. Laelia lobata.
- 140. Lycaste skinneri var. alba.
- 141. Peristeria elata.
- 142. Abies guatemalensis.
- 143. Podocarpus parlatorei.
- 144. Orothamnus zeyheri.
- 145. Protea odorata.
- 146. Balmea stormiae.
- 147. Stangeria eriopus. See Stevenson and Osborne (1991).
- 148. Encephalartos spp. Stevenson and Osborne (1991) list 52 species in the genus.
- 149. Microcycas calocoma. See Stevenson and Osborne (1991).
- 150. Hedychium philippinense. See deletion proposal (Doc. 8.44).

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

Eighth Meeting of the Conference of the Parties Kyoto (Japan), March 1992*

Nomenclature Committee Meeting

AGENDA

- 1. Resolution to the Conference of the Parties to adopt *Distribution and Taxonomy of Birds of the World* (by Charles G. Sibley and Burt L. Munroe, Jr; 1,111 pages, Yale University Press) as the standard reference to avian nomenclature.
- 2. Resolution to the Conference of the Parties to adopt CITES *Cactaceae Checklist* (by David Hunt; Royal Botanic Gardens, Kew) as the standard reference to cactus nomenclature.
- 3. Review of the nomenclatural status of those taxa listed in Appendix I prior to 1977.
- 4. Actions recommended to the Conference of the Parties to resolve identified nomenclatural problems.
- 5. Review and adoption of 1993-1995 Work Plan.
- 6. Other business.
- * Date, time and location to be determined in Kyoto.