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From:	European Commission
date of receipt:	27 July 2021
To:	General Secretariat of the Council
No. Cion doc.:	D074372/02 - Annexes 2 to 3
Subject:	ANNEXES to the COMMISSION REGULATION (EU) .../... of XXX amending Commission Regulation (EC) No 865/2006 laying down detailed rules concerning the implementation of Council Regulation (EC) No 338/97 on the protection of species of wild fauna and flora by regulating trade herein

Delegations will find attached document D074372/02 - Annexes 2 to 3.

Encl.: D074372/02 - Annexes 2 to 3



EUROPEAN
COMMISSION

Brussels, **XXX**
D074372/02
[...](2021) **XXX** draft

ANNEXES 2 to 3

ANNEXES

to the

COMMISSION REGULATION (EU) .../... of XXX

**amending Commission Regulation (EC) No 865/2006 laying down detailed rules
concerning the implementation of Council Regulation (EC) No 338/97 on the protection
of species of wild fauna and flora by regulating trade herein**

ANNEX 2

‘ANNEX VIII

Standard references for nomenclature to be used pursuant to Article 5(4) to indicate scientific names of species in permits and certificates

FAUNA

		Taxon concerned	Taxonomic reference
MAMMALIA			
		All MAMMALIA taxa - with the exception of the recognition of the following names for wild forms of species (in preference to names for domestic forms): <i>Bos gaurus</i> , <i>Bos mutus</i> , <i>Bubalus arnee</i> , <i>Equus africanus</i> , <i>Equus przewalskii</i> , and - with the exception of the taxa noted under the different Mammalia orders below	WILSON, D. E. & REEDER, D. M. (ed.) (2005). <i>Mammal Species of the World. A Taxonomic and Geographic Reference</i> . Third edition, Vol. 1-2, xxxv + 2142 pp. Baltimore (John Hopkins University Press).
ARTIODACTYLA	Bovidae	<i>Ovis</i> spp.	VALDEZ, R. & WEINBERG, P.J. (2011). Species accounts 188-207 for <i>Ovis</i> spp., pp. 727-739 in WILSON, D.E., & MITTERMEIER, R.A. (eds.), <i>Handbook of the Mammals of the World. Vol.2. Hoofed Mammals</i> . Lynx Edicions, Barcelona. ISBN 978-84-96553-77-4.
	Camelidae	<i>Lama guanicoe</i>	WILSON, D. E. & REEDER, D. M. (1993): <i>Mammal Species of the World: a Taxonomic and Geographic Reference</i> . Second edition. xviii + 1207 pp., Washington (Smithsonian Institution Press).

		Taxon concerned	Taxonomic reference
CARNIVORA	Felidae	Felidae spp.	KITCHENER A. C., BREITENMOSER-WÜRSTEN CH., EIZIRIK E., GENTRY A., WERDELIN L., WILTING A., YAMAGUCHI N., ABRAMOV A. V., CHRISTIANSEN P., DRISCOLL C., DUCKWORTH J. W., JOHNSON W., LUO S.-J., MEIJAARD E., O'DONOGHUE P., SANDERSON J., SEYMOUR K., BRUFORD M., GROVES C., HOFFMANN M., NOWELL K., TIMMONS Z. & TOBE S. (2017). A revised taxonomy of the Felidae. The final report of the Cat Classification Task Force of the IUCN/SSC Cat Specialist Group. <i>Cat News Special Issue</i> 11, 80 pp.
CETACEA	Balaenopteridae	<i>Balaenoptera omurai</i>	WADA, S., OISHI, M. & YAMADA, T. K. (2003). A newly discovered species of living baleen whales. – <i>Nature</i> , 426 : 278-281.
	Delphinidae	<i>Orcaella heinsohni</i>	BEASLY, I., ROBERTSON, K. M. & ARNOLD, P. W. (2005). Description of a new dolphin, the Australian Snubfin Dolphin, <i>Orcaella heinsohni</i> sp. n. (Cetacea, Delphinidae). -- <i>Marine Mammal Science</i> , 21 (3): 365-400.
	Delphinidae	<i>Sotalia fluviatilis</i> <i>Sotalia guianensis</i>	CABALLERO, S., TRUJILLO, F., VIANNA, J. A., BARRIOS-GARRIDO, H., MONTIEL, M. G., BELTRÁN-PEDREROS, S., MARMONTEL, M., SANTOS, M. C., ROSSI-SANTOS, M. R. & BAKER, C. S. (2007). Taxonomic status of the genus <i>Sotalia</i> : species level ranking for "tucuxi" (<i>Sotalia fluviatilis</i>) and "costero" (<i>Sotalia guianensis</i>) dolphins. - <i>Marine Mammal Science</i> , 23 : 358-386.
	Delphinidae	<i>Sousa plumbea</i> <i>Sousa sahalensis</i>	JEFFERSON, T. A. & ROSENBAUM, H. C. (2014). Taxonomic revision of the humpback dolphins (<i>Sousa</i> spp.), and description of a new species from Australia. <i>Marine Mammal Science</i> , 30 (4): 1494-1541.
	Delphinidae	<i>Tursiops australis</i>	CHARLTON-ROBB, K., GERSHWIN, L.-A., THOMPSON, R., AUSTIN, J., OWEN, K. & McKECHNIE, S. (2011). A new dolphin species, the Burrnun Dolphin <i>Tursiops australis</i> sp. nov., endemic to southern Australian coastal waters. <i>PLoS ONE</i> , 6 (9): e24047.
	Iniidae	<i>Inia araguaiaensis</i>	HRBEK, T., DA SILVA, V. M. F., DUTRA, N., GRAVENA, W., MARTIN, A. R. & FARIAS, I. P. (2014): A new species of river dolphin from Brazil or: How little do we know our biodiversity. <i>PLoS ONE</i> 83623 : 1-12.
	Phocoenidae	<i>Neophocaena asiaeorientalis</i>	JEFFERSON, T. A. & WANG, J. Y. (2011). Revision of the taxonomy of finless porpoises (genus <i>Neophocaena</i>): The existence of two species. <i>Journal of Marine Animals and their Ecology</i> , 4 (1): 3-16.
	Physeteridae	<i>Physeter macrocephalus</i>	RICE, D. W. (1998). Marine Mammals of the World: Systematics and Distribution - <i>Society of Marine Mammalogy Special Publication Number 4</i> , The Society for Marine Mammalogy, Lawrence, Kansas.

		Taxon concerned	Taxonomic reference
	Platanistidae	<i>Platanista gangetica</i>	RICE, D. W., (1998). Marine Mammals of the World: Systematics and Distribution - <i>Society of Marine Mammalogy</i> Special Publication Number 4, The Society for Marine Mammalogy, Lawrence, Kansas.
	Ziphiidae	<i>Mesoplodon hotaula</i>	DALEBOUT, M. L., SCOTT BAKER, C., STEEL, D., THOMPSON, K., ROBERTSON, K. M., CHIVERS, S. J., PERRIN, W. F., GOONATILAKE, M., ANDERSON, C. R., MEAD, J. G., POTTER, C. W., THOMPSON, L., JUPITER, D. & YAMADA, T. K. (2014). Resurrection of <i>Mesoplodon hotaula</i> Deraniyagala 1963: A new species of beaked whale in the tropical Indo-Pacific. <i>Marine Mammal Science</i> , 30 (3): 1081-1108.
PRIMATES	Atelidae	<i>Ateles geoffroyi</i>	RYLANDS, A. B., GROVES, C. P., MITTERMEIER, R. A., CORTES-ORTIZ, L. & HINES, J. J. (2006). Taxonomy and distributions of Mesoamerican primates. In: A. ESTRADA, P. GARBER, M. PAVELKA and L. LUECKE (eds), <i>New Perspectives in the Study of Mesoamerican Primates: Distribution, Ecology, Behavior and Conservation</i> , pp. 29–79. Springer, New York, USA.
	Aotidae	<i>Aotus jorgehernandezi</i>	DEFLER, T. R. & BUENO, M. L. (2007). <i>Aotus</i> diversity and the species problem. – <i>Primate Conservation</i> , 22 : 55-70.
	Cebidae	<i>Callithrix manicorensis</i>	GARBINO, T. & SINICIATO, G. (2014). The taxonomic status of <i>Mico marcai</i> (Alperin 1993) and <i>Mico manicorensis</i> (van Roosmalen <i>et al.</i> 2000) (Cebidae, Callitrichinae) from Southwestern Brazilian Amazonia. <i>International Journal of Primatology</i> , 35 (2): 529-546. (for <i>Mico marcai</i> lumped with <i>Mico manicorensis</i> treated as <i>Callithrix manicorensis</i> under CITES]
	Cebidae	<i>Cebus flavius</i>	OLIVEIRA, M. M. DE & LANGGUTH, A. (2006). Rediscovery of Marcgrave's Capuchin Monkey and designation of a neotype for <i>Simia flava</i> Schreber, 1774 (Primates, Cebidae). – Boletim do Museu Nacional do Rio de Janeiro, N.S., <i>Zoologia</i> , 523 : 1-16.
	Cebidae	<i>Mico rondoni</i>	FERRARI, S. F., SENA, L., SCHNEIDER, M. P. C. & JÚNIOR, J. S. S. (2010). Rondon's Marmoset, <i>Mico rondoni</i> sp. n., from southwestern Brazilian Amazonia. <i>International Journal of Primatology</i> , 31 : 693-714.
	Cebidae	<i>Saguinus ursulus</i>	GREGORIN, R. & DE VIVO, M. (2013). Revalidation of <i>Saguinus ursula</i> Hoffmannsegg (Primates: Cebidae: Callitrichinae). <i>Zootaxa</i> , 3721 (2): 172-182.
	Cebidae	<i>Saimiri collinsi</i>	MERCES, M. P., ALFARO, J. W. L., FERREIRA, W. A. S., HARADA, M. L. & JÚNIOR, J. S. S. (2015). Morphology and mitochondrial phylogenetics reveal that the Amazon River separates two eastern squirrel monkey species: <i>Saimiri sciureus</i> and <i>S. collinsi</i> . <i>Molecular Phylogenetics and Evolution</i> , 82 : 426-435.

		Taxon concerned	Taxonomic reference
	Cercopithecidae	<i>Cercopithecus lomamiensis</i>	HART, J.A., DETWILER, K.M., GILBERT, C.C., BURRELL, A.S., FULLER, J.L., EMETSHU, M., HART, T.B., VOSPER, A., SARGIS, E.J. & TOSI, A.J. (2012). Lesula: A new species of <i>Cercopithecus</i> monkey endemic to the Democratic Republic of Congo and implications for conservation of Congo's Central Basin. <i>PLoS ONE</i> , 7 (9): e44271.
	Cercopithecidae	<i>Macaca munzala</i>	SINHA, A., DATTA, A., MADHUSUDAN, M. D. & MISHRA, C. (2005). <i>Macaca munzala</i> : A new species from western Arunachal Pradesh, northeastern India. <i>International Journal of Primatology</i> , 26 (4): 977-989: doi:10.1007/s10764-005-5333-3.
	Cercopithecidae	<i>Rhinopithecus strykeri</i>	GEISMANN, T., LWIN, N., AUNG, S. S., AUNG, T. N., AUNG, Z. M., HLA, T. H., GRINDLEY, M. & MOMBERG, F. (2011). A new species of snub-nosed monkey, genus <i>Rhinopithecus</i> Milne-Edwards, 1872 (Primates, Colobinae), from Northern Kachin State, Northeastern Myanmar. – <i>American Journal of Primatology</i> , 73 : 96-107.
	Cercopithecidae	<i>Rungwecebus kipunji</i>	DAVENPORT, T. R. B., STANLEY, W. T., SARGIS, E. J., DE LUCA, D. W., MPUNGA, N. E., MACHAGA, S. J. & OLSON, L. E. (2006). A new genus of African monkey, <i>Rungwecebus</i> : Morphology, ecology, and molecular phylogenetics. <i>Science</i> , 312 : 1378-1381.
	Cercopithecidae	<i>Trachypithecus villosus</i>	BRANDON- JONES, D., EUDEY, A. A., GEISSMANN, T., GROVES, C. P., MELNICK, D. J., MORALES J. C., SHEKELLE, M. & STEWARD, C.-B. (2004). Asian primate classification. <i>International Journal of Primatology</i> , 25 : 97-163.
	Cercopithecidae	<i>Cheirogaleus lavasoensis</i>	THIELE, D., RAZAFIMAHATRATRA, E. & HAPKE, A. (2013). Discrepant partitioning of genetic diversity in mouse lemurs and dwarf lemurs – biological reality or taxonomic bias? <i>Molecular Phylogenetics and Evolution</i> , 69 : 593-609.
	Cercopithecidae	<i>Microcebus gerpi</i>	RADESPIEL, U., RATSIMBAZAFY, J. H., RASOLOHARIJAONA, S., RAVELOSON, H., ANDRIAHOLINIRINA, N., RAKOTONDRAVONY, R., RANDRIANARISON, R. M. & RANDRIANAMBININA, B. (2012). First indications of a highland specialist among mouse lemurs (<i>Microcebus</i> spp.) and evidence for a new mouse lemur species from eastern Madagascar. <i>Primates</i> , 53 : 157-170.
	Cercopithecidae	<i>Microcebus marohita</i> <i>Microcebus tanosi</i>	RASOLOARISON, R. M., WEISROCK, D. W., YODER, A. D., RAKOTONDRAVONY, D. & KAPPELER, P. M. [2013]. Two new species of mouse lemurs (Cheirogaleidae: <i>Microcebus</i>) from Eastern Madagascar. - <i>International Journal of Primatology</i> , 34 : 455-469.
	Hylobatidae	<i>Nomascus annamensis</i>	VAN NGOC THINH, MOOTNICK, A. R., VU NGOC THANH, NADLER, T. & ROOS, C. (2010). A new species of crested gibbon from the central Annamite mountain range. <i>Vietnamese Journal of Primatology</i> , 4 : 1-12.

		Taxon concerned	Taxonomic reference
	Lorisidae	<i>Nycticebus kayan</i>	MUNDS, R.A., NEKARIS, K.A.I. & FORD, S.M. (2013). Taxonomy of the bornean slow loris, with new species <i>Nycticebus kayan</i> (Primates, Lorisidae). <i>American Journal of Primatology</i> , 75 : 46-56.
	Pitheciidae	<i>Cacajao melanocephalus</i> <i>Cacajao oukary</i>	FERRARI, S. F., GUEDES, P. G., FIGUEIREDO-READY, W. M. B. & BARNETT, A. A. (2014). Reconsidering the taxonomy of the Black-faced Uacaris, <i>Cacajao melanocephalus</i> group (Mammalia: Pitheciidae), from the northern Amazon Basin. <i>Zootaxa</i> , 3866 (3): 353-370.
	Pitheciidae	<i>Callicebus aureipalatii</i>	WALLACE, R. B., GÓMEZ, H., FELTON, A. & FELTON, A. (2006). On a new species of titi monkey, genus <i>Callicebus</i> Thomas (Primates, Pitheciidae), from western Bolivia with preliminary notes on distribution and abundance. <i>Primate Conservation</i> , 20 : 29-39.
	Pitheciidae	<i>Callicebus caquetensis</i>	DEFLER, T. R., BUENO, M. L. & GARCÍA, J. (2010). <i>Callicebus caquetensis</i> : a new and Critically Endangered titi monkey from southern Caquetá, Colombia. <i>Primate Conservation</i> , 25 : 1-9.
	Pitheciidae	<i>Callicebus vieira</i>	GUALDA-BARROS, J., NASCIMENTO, F. O. & AMARAL, M. K. (2012). A new species of <i>Callicebus</i> Thomas, 1903 (Primates, Pitheciidae) from the states of Mato Grosso and Pará, Brazil. <i>Papéis Avulsos de Zoologia (São Paulo)</i> , 52 : 261-279.
	Pitheciidae	<i>Callicebus miltoni</i>	DALPONTE, J. C., SILVA, F. E. & SILVA JÚNIOR, J. S. (2014). New species of titi monkey, genus <i>Callicebus</i> Thomas, 1903 (Primates, Pitheciidae), from Southern Amazonia, Brazil. <i>Papéis Avulsos de Zoologia, São Paulo</i> , 54 : 457-472.

		Taxon concerned	Taxonomic reference
	Pitheciidae	<i>Pithecia cazuzai</i> <i>Pithecia chrysocephala</i> <i>Pithecia hirsuta</i> <i>Pithecia inusta</i> <i>Pithecia isabela</i> <i>Pithecia milleri</i> <i>Pithecia mittermeieri</i> <i>Pithecia napensis</i> <i>Pithecia pissinattii</i> <i>Pithecia rylandsi</i> <i>Pithecia vanzolinii</i>	MARSH, L.K. (2014). A taxonomic revision of the saki monkeys, <i>Pithecia</i> Desmarest, 1804. <i>Neotropical Primates</i> , 21 : 1-163.
	Tarsiidae	<i>Tarsius lariat</i>	MERKER, S. & GROVES, C.P. (2006). <i>Tarsius lariat</i> : A new primate species from Western Central Sulawesi. <i>International Journal of Primatology</i> , 27 (2): 465-485.
	Tarsiidae	<i>Tarsius tumpara</i>	SHEKELLE, M., GROVES, C., MERKER, S. & SUPRIATNA, J. (2010). <i>Tarsius tumpara</i> : A new tarsier species from Siau Island, North Sulawesi. <i>Primate Conservation</i> , 23 : 55-64.
PROBOSCIDEA	Elephantidae	<i>Loxodonta africana</i>	WILSON, D. E. & REEDER, D. M. (1993). <i>Mammal Species of the World: a Taxonomic and Geographic Reference</i> . Second edition. xviii + 1207 pp., Washington (Smithsonian Institution Press).
SCANDENTIA	Tupaiaidae	<i>Tupaia everetti</i>	ROBERTS, T. E., LANIER, H. C., SARGIS, E. J. & OLSON, L. E. (2011). Molecular phylogeny of treeshrews (Mammalia: Scandentia) and the timescale of diversification in Southeast Asia. <i>Molecular Phylogenetics and Evolution</i> , 60 (3): 358-372.
	Tupaiaidae	<i>Tupaia palawanensis</i>	SARGIS, E. J., CAMPBELL, K. K. & OLSON, L. E. (2014). Taxonomic boundaries and craniometric variation in the treeshrews (Scandentia, Tupaiaidae) from the Palawan faunal region. <i>Journal of Mammalian Evolution</i> , 21 (1): 111-123.
AVES			

		Taxon concerned	Taxonomic reference
		Order- and family-level names for birds	MORONY, J. J., BOCK, W. J. & FARRAND, J., Jr. (1975). <i>Reference List of the Birds of the World</i> . American Museum of Natural History. 207 pp.
		All bird species – with the exception of the taxa mentioned below and for <i>Lophura imperialis</i> and <i>Lophura hatinhensis</i>, specimens of which should be treated as specimens of <i>L. edwardsi</i>	DICKINSON, E.C. (ed.) (2003). The Howard and Moore Complete Checklist of the Birds of the World. Revised and enlarged 3rd Edition. 1039 pp. London (Christopher Helm). in combination with DICKINSON, E.C. (2005). Corrigenda 4 (02.06.2005) to Howard & Moore Edition 3 (2003).
APODIFORMES	Trochilidae	<i>Chlorostilbon lucidus</i>	PACHECO, J. F. & WHITNEY, B. M. (2006). Mandatory changes to the scientific names of three Neotropical birds <i>Bull. Brit. Orn. Club</i> , 126 : 242-244.
	Trochilidae	<i>Eriocnemis isabellae</i>	CORTÉS-DIAGO, A., ORTEGA, L. A., MAZARIEGOS-HURTADO, L. & WELLER, A.-A. (2007) A new species of <i>Eriocnemis</i> (Trochilidae) from southwest Colombia. <i>Ornitologia Neotropical</i> , 18 :161-170.
	Trochilidae	<i>Phaethornis aethopyga</i>	PIACENTINI, V. Q., ALEIXO, A. & SILVEIRA, L. F. (2009). Hybrid, subspecies or species? The validity and taxonomic status of <i>Phaethornis longuemareus aethopyga</i> Zimmer, 1950 (Trochilidae). <i>Auk</i> , 126 : 604-612.
FALCONIFORMES	Accipitridae	<i>Aquila hastata</i>	PARRY, S. J., CLARK, W. S. & PRAKASH, V. (2002). On the taxonomic status of the Indian Spotted Eagle <i>Aquila hastata</i> . <i>Ibis</i> , 144 : 665-675.
	Accipitridae	<i>Buteo socotraensis</i>	PORTER, R. F. & KIRWAN, G. M. (2010). Studies of Socotran birds VI. The taxonomic status of the Socotra Buzzard. <i>Bulletin of the British Ornithologists' Club</i> , 130 (2): 116–131.
	Falconidae	<i>Micrastur mintoni</i>	WHITTAKER, A. (2002). A new species of forest-falcon (Falconidae: <i>Micrastur</i>) from southeastern Amazonia and the Atlantic rainforests of Brazil. <i>Wilson Bulletin</i> , 114 : 421-445.
PASSERIFORMES	Muscicapidae	<i>Garrulax taewanus</i>	COLLAR, N. J. (2006). A partial revision of the Asian babblers (Timaliidae). <i>Forktail</i> , 22 : 85-112.
PSITTACIFORMES	Cacatuidae	<i>Cacatua goffiniana</i>	ROSELAAR, C. S. & MICHELS, J. P. (2004). Nomenclatural chaos untangled, resulting in the naming of the formally undescribed <i>Cacatua</i> species from the Tanimbar Islands, Indonesia (Psittaciformes: Cacatuidae). <i>Zoologische Verhandelingen</i> , 350 : 183-196.

		Taxon concerned	Taxonomic reference
	Loriidae	<i>Trichoglossus haematodus</i>	COLLAR, N. J. (1997). Family Psittacidae (Parrots). In DEL HOYO, J., ELLIOT, A. AND SARGATAL, J. (eds.), <i>Handbook of the Birds of the World</i> , 4 (Sandgrouse to Cuckoos): 280-477. Barcelona (Lynx Edicions).
	Psittacidae	<i>Aratinga maculata</i>	NEMESIO, A. & RASMUSSEN, C. (2009). The rediscovery of Buffon's "Guarouba" or "Perriche jaune": two senior synonyms of <i>Aratinga pinto</i> SILVEIRA, LIMA & HÖFLING, 2005 (Aves: Psittaciformes). <i>Zootaxa</i> , 2013 : 1-16.
	Psittacidae	<i>Forpus modestus</i>	PACHECO, J. F. & WHITNEY, B. M. (2006). Mandatory changes to the scientific names of three Neotropical birds. <i>Bulletin of the British Ornithologists' Club</i> , 126 : 242-244.
	Psittacidae	<i>Pionopsitta aurantiocephala</i>	GABAN-LIMA, R., RAPOSO, M. A. & HOFLING, E. (2002). Description of a new species of <i>Pionopsitta</i> (Aves: Psittacidae) endemic to Brazil. <i>Auk</i> , 119 : 815-819.
	Psittacidae	<i>Poicephalus robustus</i> <i>Poicephalus fuscicollis</i>	COETZER, W.G., DOWNS, C.T., PERRIN, M.R. & WILLOWS-MUNRO, S. (2015). Molecular Systematics of the Cape Parrot (<i>Poicephalus robustus</i>). Implications for Taxonomy and Conservation. <i>PLoS ONE</i> , 10(8): e0133376. doi: 10.1371/journal.pone.0133376.
	Psittacidae	<i>Psittacula intermedia</i>	COLLAR, N. J. (1997) Family Psittacidae (Parrots). In DEL HOYO, J., ELLIOT, A. AND SARGATAL, J. (eds.), <i>Handbook of the Birds of the World</i> , 4 (Sandgrouse to Cuckoos): 280-477. Barcelona (Lynx Edicions).
	Psittacidae	<i>Pyrrhura griseipectus</i>	OLMOS, F., SILVA, W. A. G. & ALBANO, C. (2005). Grey-breasted Conure <i>Pyrrhura griseipectus</i> , an overlooked endangered species. <i>Cotinga</i> , 24 : 77-83.
	Psittacidae	<i>Pyrrhura parvifrons</i>	ARNDT, T. (2008). Anmerkungen zu einigen <i>Pyrrhura</i> -Formen mit der Beschreibung einer neuen Art und zweier neuer Unterarten. <i>Papageien</i> , 8 : 278-286.
STRIGIFORMES	Strigidae	<i>Glaucidium mooreorum</i>	DA SILVA, J. M. C., COELHO, G. & GONZAGA, P. (2002). Discovered on the brink of extinction: a new species of pygmy owl (Strigidae: Glaucidium) from Atlantic forest of northeastern Brazil. <i>Ararajuba</i> , 10 (2): 123-130.
	Strigidae	<i>Ninox burhani</i>	INDRAWAN, M. & SOMADIKARTA, S. (2004). A new hawk-owl from the Togian Islands, Gulf of Tomini, central Sulawesi, Indonesia. <i>Bulletin of the British Ornithologists' Club</i> , 124 : 160-171.
	Strigidae	<i>Otus thilohoffmanni</i>	WARAKAGODA, D. H. & RASMUSSEN, P. C. (2004). A new species of scops-owl from Sri Lanka. <i>Bulletin of the British Ornithologists' Club</i> , 124 (2): 85-105.
REPTILIA			

		Taxon concerned	Taxonomic reference
CROCODYLIA & RHYNCHOCEPHALIA		Crocodylia & Rhynchocephalia except for the taxa listed below	WERMUTH, H. & MERTENS, R. (1996) (reprint). <i>Schildkröte, Krokodile, Brückenechsen</i> . xvii + 506 pp. Jena (Gustav Fischer Verlag).
	Crocodylidae	<i>Crocodylus johnstoni</i>	TUCKER, A. D. (2010). The correct name to be applied to the Australian freshwater crocodile, <i>Crocodylus johnstoni</i> [Krefft, 1873]. <i>Australian Zoologist</i> , 35 (2): 432-434.
	Sphenodontidae	<i>Sphenodon</i> spp.	HAY, J. M., SARRE, S. D., LAMBERT, D. M., ALLENDORF, F. W. & DAUGHERTY, C. H. (2010). Genetic diversity and taxonomy: a reassessment of species designation in tuatara (<i>Sphenodon</i> : Reptilia). <i>Conservation Genetics</i> , 11 (93): 1063-1081.
SAURIA		For delimitation of families within the Sauria	POUGH, F. H., ANDREWS, R. M., CADLE, J. E., CRUMP, M. L., SAVITZKY, A. H. & WELLS, K. D. (1998). <i>Herpetology</i> . Upper Saddle River/New Jersey (Prentice Hall).
	Agamidae	<i>Saara</i> spp. <i>Uromastyx</i> spp.	WILMS, T. M., BÖHME, W., WAGNER, P., LUTZMANN, N. & SCHMITZ, A. (2009). On the phylogeny and taxonomy of the genus <i>Uromastyx</i> Merrem, 1820 (Reptilia: Squamata: Agamidae: Uromastycinae) – resurrection of the genus <i>Saara</i> Gray, 1845. <i>Bonner zool. Beiträge</i> , 56 (1-2): 55-99.
	Anguidae	<i>Abronia</i> spp.	UETZ, P., FREED, P. & HÖSEK, J. (eds.) (2016). Taxonomic checklist of the species of the genus <i>Abronia</i> . Species information extracted from “The Reptile Database”, version of 15 August 2016, accessed 11 May 2017. See Annex 2 of AC29 Doc.35. at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A2.pdf
	Chamaeleonidae	Chamaeleonidae spp.	GLAW, F. (2015). Taxonomic checklist of chamaeleons (Squamata: Chamaeleonidae). <i>Vertebrate Zoology</i> , 65 (2): 167-246.
	Cordylidae	Cordylidae spp. except the taxon mentioned below	STANLEY, E. L., BAUER, A. M., JACKMAN, T. R., BRANCH, W. R. & P. LE F. N. (2011). Between a rock and a hard polytomy: rapid radiation in the rupicolous girdled lizards (Squamata: Cordylidae). <i>Molecular Phylogenetics and Evolution</i> , 58 (1): 53-70.
	Cordylidae	<i>Cordylus marunguensis</i>	GREENBAUM, E., STANLEY, E. L., KUSAMBA, C., MONINGA, W. M., GOLDBERG, S. R. & CHA (2012). A new species of <i>Cordylus</i> (Squamata: Cordylidae) from the Marungu Plateau of south-eastern Democratic Republic of the Congo. <i>African Journal of Herpetology</i> , 61 (1): 14-39.

		Taxon concerned	Taxonomic reference
	Gekkonidae	<i>Cnemaspis psychedelica</i>	GRISMER, L. L., NGO, V. T. & GRISMER, J. L. (2010). A colorful new species of insular rock gecko (<i>Cnemaspis</i> Strauch 1887) from southern Vietnam. <i>Zootaxa</i> , 58 : 46–58.
	Gekkonidae	<i>Dactylonemis</i> spp. <i>Hoplodactylus</i> spp. <i>Mokopirirakau</i> spp.	NIELSEN, S. V., BAUER, A. M., JACKMAN, T. R., HITCHMOUGH, R. A. & DAUGHERTY, C. H. (2011). New Zealand geckos (Diplodactylidae): Cryptic diversity in a post-Gondwanan lineage with trans-Tasman affinities. <i>Molecular Phylogenetics and Evolution</i> , 59 (1): 1-22.
	Gekkonidae	<i>Lygodactylus williamsi</i>	Species information extracted from UETZ, P., FREED, P. & HÖSEK, J. (eds.) (2016). The Reptile Database, version of 15 August 2016, accessed 11 May 2017. See Annex 2 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A2.pdf
	Gekkonidae	<i>Nactus serpensinsula</i>	KLUGE, A.G. (1983). Cladistic relationships among gekkonid lizards. <i>Copeia</i> , 2 : 465-475.
	Gekkonidae	<i>Naultinus</i> spp.	NIELSEN, S. V., BAUER, A. M., JACKMAN, T. R., HITCHMOUGH, R. A. & DAUGHERTY, C. H. (2011). New Zealand geckos (Diplodactylidae): Cryptic diversity in a post-Gondwanan lineage with trans-Tasman affinities. <i>Molecular Phylogenetics and Evolution</i> , 59 (1): 1-22.
	Gekkonidae	<i>Paroedura masobe</i>	NUSSBAUM, R.A. & RAXWORTHY, C.J. (1994). A new rainforest gecko of the genus <i>Paroedura</i> GÜNTHER from Madagascar. <i>Herpetological Natural History</i> , 2 (1): 43-49.
	Gekkonidae	<i>Phelsuma</i> spp. <i>Rhoptropella</i> spp.	GLAW, F. & RÖSLER, H. (2015). Taxonomic checklist of the day geckos of the genera <i>Phelsuma</i> Gray, 1825 and <i>Rhoptropella</i> Hewitt, 1937 (Squamata: Gekkonidae). <i>Vertebrate Zoology</i> , 65 (2): 167-246.
	Gekkonidae	<i>Toropuku</i> spp. <i>Tukutuku</i> spp. <i>Woodworthia</i> spp.	NIELSEN, S. V., BAUER, A. M., JACKMAN, T. R., HITCHMOUGH, R. A. & DAUGHERTY, C. H. (2011). New Zealand geckos (Diplodactylidae): Cryptic diversity in a post-Gondwanan lineage with trans-Tasman affinities. <i>Molecular Phylogenetics and Evolution</i> , 59 (1): 1-22.
	Gekkonidae	<i>Uroplatus</i> spp. except for the taxa mentioned below	RAXWORTHY, C.J. (2003). Introduction to the reptiles. In: Goodman, S.M. & Bernstead, J.P. (eds.), <i>The natural history of Madagascar</i> : 934-949. Chicago.
	Gekkonidae	<i>Uroplatus finiavana</i>	RATSOAVINA, F. M., LOUIS JR., E. E., CROTTINI, A., RANDRIANIAINA, R. -D., GLAW, F. & VENCES, M. (2011). A new leaf tailed gecko species from northern Madagascar with a preliminary assessment of molecular and morphological variability in the <i>Uroplatus ebenau</i> group. <i>Zootaxa</i> , 3022 : 39-57.

		Taxon concerned	Taxonomic reference
	Gekkonidae	<i>Uroplatus giganteus</i>	GLAW, F., KOSUCH, J., HENKEL, W. F., SOUND, P. & BÖHME, W. (2006). Genetic and morphological variation of the leaf-tailed gecko <i>Uroplatus fimbriatus</i> from Madagascar, with description of a new giant species. <i>Salamandra</i> , 42 : 129-144.
	Gekkonidae	<i>Uroplatus pietschmanni</i>	BÖHLE, A. & SCHÖNECKER, P. (2003). Eine neue Art der Gattung <i>Uroplatus</i> Duméril, 1805 aus Ost-Madagaskar (Reptilia: Squamata: Gekkonidae). <i>Salamandra</i> , 39 (3/4): 129-138.
	Gekkonidae	<i>Uroplatus sameiti</i>	RAXWORTHY, C. J., PEARSON, R. G., ZIMKUS, B. M., REDDY, S., DEO, A. J., NUSSBAUM, R. A. & INGRAM, C. M. (2008). Continental speciation in the tropics: contrasting biogeographic patterns of divergence in the <i>Uroplatus</i> leaf-tailed gecko radiation of Madagascar. <i>Journal of Zoology</i> , 275 : 423–440.
	Iguanidae	Iguanidae spp. except for the taxa mentioned below	HOLLINGSWORTH, B. D. (2004). The Evolution of Iguanas: An Overview of Relationships and a Checklist of Species. In: <i>Iguanas: Biology and Conservation</i> (Alberts, A. C., Carter, R. L., Hayes, W. K. & Martins, E. P., Eds): 19-44.. Berkeley (University of California Press).
	Iguanidae	<i>Brachylophus bulabula</i>	KEOGH, J. S., EDWARDS, D. L., FISHER, R. N. & HARLOW, P. S. (2008). Molecular and morphological analysis of the critically endangered Fijian iguanas reveals cryptic diversity and a complex biogeographic history. <i>Philosophical Transactions of the Royal Society B</i> , 363 (1508): 3413-3426.
	Iguanidae	<i>Conolophus marthae</i>	GENTILE, G. & SNELL, H. (2009). <i>Conolophus marthae</i> sp. nov. (Squamata, Iguanidae), a new species of land iguana from the Galápagos archipelago. <i>Zootaxa</i> , 2201 : 1-10.
	Iguanidae	<i>Ctenosaura</i> spp.	Iguana Taxonomy Working Group (2016). A checklist of the iguanas of the world (Iguanidae; Iguaninae). In: <i>Iguanas: Biology, Systematics, and Conservation</i> (J. B. IVERSON, T.D. GRANT, C .R. KNAPP, and S. A. PASACHNIK, Eds.): 4–46. Herpetological Conservation and Biology 11(Monograph 6).
	Iguanidae	<i>Cyclura lewisi</i>	BURTON, F. J. (2004). Revision to Species <i>Cyclura nubila lewisi</i> , the Grand Cayman Blue Iguana. <i>Caribbean Journal of Science</i> , 40 (2): 198-203.
	Iguanidae	<i>Phrynosoma blainvillii</i> <i>Phrynosoma cerroense</i> <i>Phrynosoma wigginsi</i>	MONTANUCCI, R.R. (2004). Geographic variation in <i>Phrynosoma coronatum</i> (Lacertilia, Phrynosomatidae): further evidence for a peninsular archipelago. <i>Herpetologica</i> , 60 : 117.
	Lanthanotidae	Lanthanotidae spp.	UETZ, P., FREED, P. & HÖSEK, J. (eds.) (2016). Family, genus and species information extracted from the Integrated Taxonomic Information Service (ITIS), an online reference; and species information extracted from <i>The Reptile Database</i> , version of 15 August 2016, accessed 11 May 2017. See Annex 2 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A2.pdf

		Taxon concerned	Taxonomic reference
	Teiidae	Teiidae spp.	HARVEY, M. B., UGUETO, G. N. & GUTBERLET, R. L. JR. (2012). Review of teiid morphology with a revised taxonomy and phylogeny of the Teiidae (Lepidosauria: Squamata). <i>Zootaxa</i> , 3459 : 1–156.
	Varanidae	Varanidae spp. except for the taxa mentioned below	BÖHME, W. (2003). Checklist of the living monitor lizards of the world (family Varanidae) <i>Zoologische Verhandelingen, Leiden</i> , 341 : 1–43. in combination with KOCH, A., AULIYA, M. & ZIEGLER, T. (2010.: Updated Checklist of the living monitor lizards of the world (Squamata: Varanidae). - Bonn zoological Bulletin, 57 (2): 127-136.
	Varanidae	<i>Varanus bangonorum</i> <i>Varanus dalubhasa</i>	WELTON, L. J., TRAVERS, S. L., SILER, C. D. & BROWN, R. M. (2014). Integrative taxonomy and phylogeny-based species delimitation of Philippine water monitor lizards (<i>Varanus salvator</i> complex) with descriptions of two new cryptic species. <i>Zootaxa</i> , 3881 (3): 201–227.
	Varanidae	<i>Varanus hamersleyensis</i>	MARYAN, B., OLIVER, P. M., FITCH, A. J. & O’CONNELL, M. (2014). Molecular and morphological assessment of <i>Varanus pilbarensis</i> (Squamata: Varanidae), with a description of a new species from the southern Pilbara, Western Australia. <i>Zootaxa</i> , 3768 (2): 139–158.
	Varanidae	<i>Varanus nesterovi</i>	BÖHME, W., EHRLICH, K., MILTO, K. D., ORLOV, N. & SCHOLZ, S. (2015). A new species of desert monitor lizard (Varanidae: <i>Varanus: Psammosaurus</i>) from the western Zagros region (Iraq, Iran). <i>Russian Journal of Herpetology</i> , 22 (1): 41-52.
	Varanidae	<i>Varanus samarensis</i>	KOCH, A., GAULKE, M. & BÖHME, W. (2010). Unravelling the underestimated diversity of Philippine water monitor lizards (Squamata: <i>Varanus salvator</i> complex), with the description of two new species and a new subspecies. <i>Zootaxa</i> , 2446 : 1–54.
	Varanidae	<i>Varanus sparnus</i>	DOUGHTY, P., KEALLEY, L., FITCH, A. & DONNELLAN, S. C. (2014). A new diminutive species of <i>Varanus</i> from the Dampier Peninsula, western Kimberley region, Western Australia. <i>Records of the Western Australian Museum</i> , 29 : 128–140.

		Taxon concerned	Taxonomic reference
SERPENTES		Loxocemidae spp. Pythonidae spp. Boidae spp. Bolyeriidae spp. Tropidophiidae spp. Viperidae spp. except for the retention of the genera <i>Acrantophis</i>, <i>Sanzinia</i>, <i>Calabaria</i>, <i>Lichanura</i>, the recognition of <i>Epicrates maurus</i> as valid species and except for the species mentioned below	MCDIARMID, R. W., CAMPBELL, J. A. & TOURÉ, T. A. (1999). <i>Snake Species of the World. A Taxonomic and Geographic Reference. Volume 1</i>, Washington, D.C. (The Herpetologists' League).
	Boidae	<i>Candoia paulsoni</i> <i>Candoia superciliosa</i>	SMITH, H. M., CHISZAR, D., TEPEDELEN, K. & VAN BREUKELLEN, F. (2001). A revision of the bevelnosed boas (<i>Candoia carinata</i> complex) (Reptilia: Serpentes). <i>Hamadryad</i>, 26 (2): 283-315.
	Boidae	<i>Corallus batesii</i>	HENDERSON, R. W., PASSOS, P. & FEITOSA, D. (2009). Geographic variation in the Emerald Treeboa, <i>Corallus caninus</i> (Squamata: Boidae). <i>Copeia</i>, 2009 (3): 572-582.
	Boidae	<i>Epicrates crassus</i> <i>Epicrates assisi</i> <i>Epicrates alvarezi</i>	PASSOS, P. & FERNANDES, R. (2008). Revision of the <i>Epicrates cenchria</i> complex (Serpentes: Boidae). <i>Herpetological Monographs</i>, 22: 1-30.
	Boidae	<i>Eryx borrii</i>	LANZA, B. & NISTRI, A. (2005). Somali Boidae (genus <i>Eryx</i> Daudin 1803) and Pythonidae (genus <i>Python</i> Daudin 1803) (Reptilia Serpentes). <i>Tropical Zoology</i>, 18 (1): 67-136.
	Boidae	<i>Eunectes beniensis</i>	DIRKSEN, L. (2002). <i>Anakondas</i>. NTV Wissenschaft.

		Taxon concerned	Taxonomic reference
	Colubridae	<i>Xenochrophis piscator</i> <i>Xenochrophis schnurrenbergeri</i> <i>Xenochrophis tyleri</i>	VOGEL, G. & DAVID, P. (2012). A revision of the species group of <i>Xenochrophis piscator</i> (Schneider, 1799) (Squamata: Natricidae). <i>Zootaxa</i> , 3473 : 1-60.
	Elapidae	<i>Micrurus ruatanus</i>	MCCRANIE, J. R. (2015). A checklist of the amphibians and reptiles of Honduras, with additions, comments on taxonomy, some recent taxonomic decisions, and areas of further studies needed. <i>Zootaxa</i> , 3931 (3): 352–386.
	Elapidae	<i>Naja atra</i> <i>Naja kaouthia</i>	WÜSTER, W. (1996). Taxonomic change and toxinology: systematic revisions of the Asiatic cobras (<i>Naja naja</i> species complex). <i>Toxicon</i> , 34 : 339-406.
	Elapidae	<i>Naja mandalayensis</i>	SLOWINSKI, J. B. & WÜSTER, W. (2000). A new cobra (Elapidae: <i>Naja</i>) from Myanmar (Burma). <i>Herpetologica</i> , 56 : 257-270.
	Elapidae	<i>Naja oxiana</i> <i>Naja philippinensis</i> <i>Naja sagittifera</i> <i>Naja samarensis</i> <i>Naja siamensis</i> <i>Naja sputatrix</i> <i>Naja sumatrana</i>	WÜSTER, W. (1996). Taxonomic change and toxinology: systematic revisions of the Asiatic cobras (<i>Naja naja</i> species complex). <i>Toxicon</i> , 34 : 339-406.
	Pythonidae	<i>Leiopython bennettorum</i> <i>Leiopython biakensis</i> <i>Leiopython fredparkeri</i> <i>Leiopython huonensis</i> <i>Leiopython hoseae</i>	SCHLEIP, W. D. (2008). Revision of the genus <i>Leiopython</i> Hubrecht 1879 (Serpentes: Pythonidae) with the redescription of taxa recently described by Hoser (2000) and the description of new species. <i>Journal of Herpetology</i> , 42 (4): 645–667.

		Taxon concerned	Taxonomic reference
	Pythonidae	<i>Morelia clastolepis</i> <i>Morelia kinghorni</i> <i>Morelia nauta</i> <i>Morelia tracyae</i>	HARVEY, M. B., BARKER, D. B., AMMERMAN, L. K. & CHIPPINDALE, P. T. (2000). Systematics of pythons of the <i>Morelia amethystina</i> complex (Serpentes: Boidae) with the description of three new species. <i>Herpetological Monographs</i> , 14 : 139-185.
	Pythonidae	<i>Python bivittatus</i>	JACOBS, H. J., AULIYA, M. & BÖHME, W. (2009). Zur Taxonomie des Dunklen Tigerpythons, <i>Python molurus bivittatus</i> KUHL, 1820, speziell der Population von Sulawesi. <i>Sauria</i> , 31 : 5-16.
	Pythonidae	<i>Python breitensteini</i> <i>Python brongersmai</i>	KEOGH, J. S., BARKER, D. G. & SHINE, R. (2001). Heavily exploited but poorly known: systematics and biogeography of commercially harvested pythons (<i>Python curtus</i> group) in Southeast Asia. <i>Biological Journal of the Linnean Society</i> , 73 : 113-129.
	Pythonidae	<i>Python kyaiktiyo</i>	ZUG, G.R., GROTT, S. W. & JACOBS, J. F. (2011). Pythons in Burma: Short-tailed python (Reptilia: Squamata). <i>Proceedings of the biological Society of Washington</i> , 124 (2): 112-136.
	Pythonidae	<i>Python natalensis</i>	BROADLEY, D. G. (1999). The southern African python, <i>Python natalensis</i> A. Smith 1840, is a valid species. <i>African Herp News</i> , 29 : 31-32.
	Tropidophiidae	<i>Tropidophis</i> spp. except for the taxa mentioned below	HEDGES, S.B. (2002). Morphological variation and the definition of species in the snake genus <i>Tropidophis</i> (Serpentes, Tropidophiidae). <i>Bulletin of the Natural History Museum, London (Zoology)</i> , 68 (2): 83-90.
	Tropidophiidae	<i>Tropidophis celiae</i>	HEDGES, B. S., ESTRADA, A. R. & DIAZ, L. M. (1999): New snake (<i>Tropidophis</i>) from western Cuba. <i>Copeia</i> , 1999 (2): 376-381.
	Tropidophiidae	<i>Tropidophis grapiuna</i>	CURCIO, F. F., SALES NUNES, P. M., SUZART ARGOLO, A. J., SKUK, G. & RODRIGUES, M. T. (2012). Taxonomy of the South American dwarf boas of the genus <i>Tropidophis</i> Bibron, 1840, with the description of two new species from the Atlantic forest (Serpentes: Tropidophiidae). <i>Herpetological Monographs</i> , 26 (1): 80-121.
	Tropidophiidae	<i>Tropidophis hendersoni</i>	HEDGES, B. S. & GARRIDO, O. (2002). A new snake of the genus <i>Tropidophis</i> (Tropidophiidae) from Eastern Cuba <i>Journal of Herpetology</i> , 36 :157-161.
	Tropidophiidae	<i>Tropidophis morenoi</i>	HEDGES, B. S., GARRIDO, O. & DIAZ, L. M. (2001). A new banded snake of the genus <i>Tropidophis</i> (Tropidophiidae) from north-central Cuba. <i>Journal of Herpetology</i> , 35 : 615-617.

		Taxon concerned	Taxonomic reference
	Tropidophiidae	<i>Tropidophis preciosus</i>	CURCIO, F. F., SALES NUNES, P. M., SUZART ARGOLLO, A. J., SKUK, G. & RODRIGUES, M. T. (2012). Taxonomy of the South American dwarf boas of the genus <i>Tropidophis</i> Bibron, 1840, with the description of two new species from the Atlantic forest (Serpentes: Tropidophiidae). <i>Herpetological Monographs</i> , 26 (1): 80-121.
	Tropidophiidae	<i>Tropidophis spiritus</i>	HEDGES, B. S. & GARRIDO, O. (1999). A new snake of the genus <i>Tropidophis</i> (Tropidophiidae) from central Cuba. <i>Journal of Herpetology</i> , 33 : 436-441.
	Tropidophiidae	<i>Tropidophis xanthogaster</i>	DOMÍNGUEZ, M., MORENO, L. V. & HEDGES, S. B. (2006). A new snake of the genus <i>Tropidophis</i> (Tropidophiidae) from the Guanahacabibes Peninsula of Western Cuba. <i>Amphibia-Reptilia</i> , 27 (3): 427-432.
	Viperidae	<i>Atheris desaixi</i> <i>Bitis worthingtoni</i>	UETZ, P., FREED, P. & HÖSEK, J. (eds.) (2016). Species information extracted from <i>The Reptile Database</i> , version of 15 August 2016, accessed 11 May 2017. See Annex 2 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A2.pdf
TESTUDINES		Testudines order names	WERMUTH, H. & MERTENS, R. (1996) (reprint). <i>Schildkröte, Krokodile, Brückenechsen</i> . xvii + 506 pp. Jena (Gustav Fischer Verlag).
		Species and family names – with the exception of the retention of the following names <i>Mauremys iversoni</i> , <i>Mauremys pritchardi</i> , <i>Ocadia glyphistoma</i> , <i>Ocadia philippeni</i> , <i>Sacalia pseudocellata</i> , and except for the taxa mentioned below	FRITZ, U. & HAVAŠ, P. (2007): Checklist of Chelonians of the World. <i>Vertebrate Zoology</i> , 57 (2): 149-368. Dresden. ISSN 1864-5755 [without its appendix]
	Emydidae	<i>Graptemys pearlensis</i>	ENNEN, J. R., LOVICH, J. E., KREISER, B. R., SELMAN, W. & QUALLS, C. P. (2010). Genetic and morphological variation between populations of the Pascagoula Map Turtle (<i>Graptemys gibbonsi</i>) in the Pearl and Pascagoula Rivers with description of a new species. <i>Chelonian Conservation and Biology</i> , 9 (1): 98-113.
	Geoemydidae	<i>Batagur affinis</i>	PRASCHAG, P., SOMMER, R. S., MCCARTHY, C., GEMEL, R. & FRITZ, U. (2008). Naming one of the world's rarest chelonians, the southern Batagur. <i>Zootaxa</i> , 1758 : 61-68.

		Taxon concerned	Taxonomic reference
	Geoemydidae	<i>Batagur borneoensis</i> <i>Batagur dhongoka</i> <i>Batagur kachuga</i> <i>Batagur trivittata</i>	PRASCHAG, P., HUNDSDÖRFER, A. K. & FRITZ, U. (2007). Phylogeny and taxonomy of endangered South and South-east Asian freshwater turtles elucidated by mtDNA sequence variation (Testudines: Geoemydidae: <i>Batagur</i> , <i>Callagur</i> , <i>Hardella</i> , <i>Kachuga</i> , <i>Pangshura</i>). <i>Zoologica Scripta</i> , 36 : 429-442.
	Geoemydidae	<i>Cuora bourreti</i> <i>Cuora picturata</i>	SPINKS, P. Q., THOMSON, R. C., ZHANG, Y.P., CHE, J., WU, Y. & SHAFFER, H. B. (2012). Species boundaries and phylogenetic relationships in the critically endangered Asian box turtle genus <i>Cuora</i> . <i>Molecular Phylogenetics and Evolution</i> , 63 : 656–667. doi:10.1016/j.ympev.2012.02.014.
	Geoemydidae	<i>Cyclemys enigmatica</i> <i>Cyclemys fusca</i> <i>Cyclemys gemeli</i> <i>Cyclemys oldhamii</i>	FRITZ, U., GUICKING, D., AUER, M., SOMMER, R. S., WINK, M. & HUNDSDÖRFER, A. K. (2008). Diversity of the Southeast Asian leaf turtle genus <i>Cyclemys</i> : how many leaves on its tree of life? <i>Zoologica Scripta</i> , 37 : 367-390.
	Geoemydidae	<i>Mauremys reevesii</i>	BARTH, D., BERNHARD, D., FRITZSCH, G. & U. FRITZ (2004). The freshwater turtle genus <i>Mauremys</i> (Testudines, Geoemydidae) – a textbook example of an east-west disjunction or a taxonomic misconception? <i>Zoologica Scripta</i> , 33 : 213-221.
	Testudinidae	<i>Centrochelys sulcata</i>	Turtle Taxonomy Working Group [van DIJK, P. P., IVERSON, J. B., RHODIN, A. G. J., SHAFFER, H. B. & BOUR, R.]. (2014): Turtles of the world, 7 TH edition: Annotated checklist of taxonomy, synonymy, distribution with maps, and conservation status. 000.v7. <i>Chelonian Research Monographs</i> , 5 doi: 10.3854/crm.5.000.checklist.v7.2014.
	Testudinidae	<i>Chelonoidis carbonarius</i> <i>Chelonoidis denticulatus</i> <i>Chelonoidis niger</i>	OLSON, S .L. & DAVID, N. (2014). The gender of the tortoise genus <i>Chelonoidis</i> Fitzinger, 1835 (Testudines: Testudinidae). - Proceedings of the Biological Society of Washington, 126 (4): 393-394.
	Testudinidae	<i>Gopherus morafkai</i>	MURPHY, R. W., BERRY, K. H., EDWARDS, T., LEVITON, A. E., LATHROP, A. & RIEDLE, J. D. (2011). The dazed and confused identity of Agassiz's land tortoise, <i>Gopherus agassizii</i> (Testudines, Testudinidae) with the description of a new species, and its consequences for conservation. <i>Zookeys</i> , 113 : 39-71.
	Testudinidae	<i>Homopus solus</i>	BRANCH, W. R. (2007). A new species of tortoise of the genus <i>Homopus</i> (Chelonia: Testudinidae) from southern Namibia. <i>African Journal of Herpetology</i> , 56 (1): 1-21.

		Taxon concerned	Taxonomic reference
	Testudinidae	<i>Kinixys nogueyi</i> <i>Kinixys zombensis</i>	KINDLER, C., BRANCH, W. R., HOFMEYR, M. D., MARAN, J., ŠIROKÝ, P., VENCES, M., HARVEY, J., HAUSWALDT, J. S., SCHLEICHER, A., STUCKAS, H. & FRITZ, U. (2012). Molecular phylogeny of African hinge-back tortoises (<i>Kinixys</i>): implications for phylogeography and taxonomy (Testudines: Testudinidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 50 : 192–201.
	Trionychidae	<i>Lissemys ceylonensis</i>	PRASCHAG, P., STUCKAS, H., PÄCKERT, M., MARAN, J. & FRITZ, U. (2011). Mitochondrial DNA sequences suggest a revised taxonomy of Asian flapshell turtles (<i>Lissemys</i> Smith, 1931) and the validity of previously unrecognized taxa (Testudines: Trionychidae). <i>Vertebrate Zoology</i> , 61 (1): 147-160.
	Trionychidae	<i>Nilssonina gangeticus</i> <i>Nilssonina hurum</i> <i>Nilssonina leithii</i> <i>Nilssonina nigricans</i>	PRASCHAG, P., HUNSDÖRFER, A.K., REZA, A.H.M.A. & FRITZ, U. (2007). Genetic evidence for wild-living <i>Aspideretes nigricans</i> and a molecular phylogeny of South Asian softshell turtles (Reptilia: Trionychidae: <i>Aspideretes</i> , <i>Nilssonina</i>). <i>Zoologica Scripta</i> , 36 :301-310.
AMPHIBIA			
		Amphibia spp. except for the taxa listed below	FROST, D. R. (ed.) (2015). Taxonomic Checklist of Amphibian Species listed in the CITES Appendices and the Annexes of EC Regulation 338/97. Species information extracted from <i>Amphibian Species of the World: a taxonomic and geographic reference</i> , an online reference, version 6.0 as of May 2015 with additional comments by the Nomenclature Specialist of the CITES Animals Committee. See Annex 5 of CoP17 Doc. 81.1 at https://cites.org/sites/default/files/eng/cop/17/WorkingDocs/E-CoP17-81-01-A5.pdf
		Anura: Microhylidae: <i>Dyscophus</i> spp and <i>Scaphiophryne</i> spp.; Telmatobiidae: <i>Telmatobius culeus</i> ; and Caudata: Salamandridae: <i>Paramesotriton hongkongensis</i>	FROST, D. R. (ed.) (2017). Species information extracted from <i>Amphibian Species of the World: a taxonomic and geographic reference</i> , an online reference, version 6.0, accessed 12 May 2017. See Annex 3 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A3.pdf

		Taxon concerned	Taxonomic reference
ELASMOBRANCHII, ACTINOPTERI, COELACANTHI, and DIPNEUSTI			
		All fish species, except the taxa listed below	ESCHMEYER, W.N. & FRICKE, R. (eds.) (2015). Taxonomic Checklist of Fish species listed in the CITES Appendices and the Annexes of EC Regulation 338/97 (Elasmobranchii, Actinopteri, Coelacanthi, and Dipneusti, except the genus <i>Hippocampus</i>). Information extracted from <i>Catalog of Fishes</i> , an online reference, version update from 3 February 2015. See Annex 6 of CoP17 Doc. 81.1 at https://cites.org/sites/default/files/eng/cop/17/WorkingDocs/E-CoP17-81-01-A6.pdf
		Elasmobranchii: Carcharhiniformes: Carcharhinidae: <i>Carcharhinus falciformis</i> ; Lamniformes: <i>Alopiidae</i> : <i>Alopias</i> spp.; Myliobatiformes: Myliobatidae: <i>Mobula</i> spp.; Potamotrygonidae: <i>Potamotrygon</i> spp.; Actinopteri: Perciformes: Pomacanthidae: <i>Holacanthus clarionensis</i>	ESCHMEYER, W. N., FRICKE, R., & VAN DER LAAN, R. (eds.) (2017). Information extracted from <i>Catalog of Fishes: Genera, Species, References</i> , an online reference, version of 28 April 2017, accessed 12 May 2017. See Annex 4 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A4.pdf
SYNGNATHIFORMES	Syngnathidae	<i>Hippocampus</i> spp.	LOURIE, S. A., POLLOM, R. A. and FOSTER, S. J. (2016). A global revision of the Seahorses <i>Hippocampus</i> Rafinesque 1810 (Actinopterygii: Sygnathiformes): Taxonomy and biogeography with recommendations for further research. <i>Zootaxa</i> , 4146 (1): 1-066.
ARACHNIDA			
ARANEAE	Theraphosidae	<i>Aphonopelma albiceps</i> <i>Aphonopelma pallidum</i> <i>Brachypelma</i> spp. except for the taxa mentioned below	PLATNICK, N. (2006). Taxonomic Checklist of CITES listed Spider Species. Information extracted from <i>The World Spider Catalog</i> , an online reference, Version 6.5 as of 7 April 2006. [available at http://www.cites.org/common/docs/Res/12_11/spider_checklist.pdf]

		Taxon concerned	Taxonomic reference
	Theraphosidae	<i>Brachypelma ruhnaui</i> lumped with <i>Brachypelma albiceps</i> treated as <i>Aphonopelma albiceps</i> under CITES	PLATNICK, N. I. (2014). <i>The World Spider Catalogue</i> , V15. http://platnick.sklikani.cz/html/
	Theraphosidae	<i>Brachypelma kahlenbergi</i>	RUDLOFF, J.-P. (2008). Eine neue <i>Brachypelma</i> -Art aus Mexiko (Araneae: Mygalomorphae: Theraphosidae: Theraphosinae). <i>Arthropoda</i> , 16 (2): 26-30.
SCORPIONES	Scorpionidae	<i>Pandinus</i> spp. except for the taxa mentioned below	LOURENÇO, W. R. & CLOUDSLEY-THOMPSON, J. C. (1996). Recognition and distribution of the scorpions of the genus <i>Pandinus</i> Thorell, 1876 accorded protection by the Washington Convention. <i>Biogeographica</i> , 72 (3): 133-143.
	Scorpionidae	<i>Pandinus camerounensis</i> <i>Pandinus roeseli</i>	LOURENÇO, W. R. (2014). Further considerations on the identity and distribution of <i>Pandinus imperator</i> (C. L. Koch, 1841) and description of a new species from Cameroon (Scorpiones: Scorpionidae). <i>Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg</i> , 17 (192): 139-151.
INSECTA			
COLEOPTERA	Lucanidae	<i>Colophon</i> spp.	BARTOLOZZI, L. (2005). Description of two new stag beetle species from South Africa (Coleoptera: Lucanidae). <i>African Entomology</i> , 13 (2): 347-352.
LEPIDOPTERA	Papilionidae	<i>Achillides</i> spp. [only the species of the Philippines]	PAGE, M. G. P. & TREADAWAY, C. G. (2004). Papilionidae of the Philippine Island. In: E. BAUER, and T. FRANKENBACH, Eds.). <i>Butterflies of the world, Supplement 8</i> . Goecke & Evers, Keltern. 58 pp.
	Papilionidae	<i>Ornithoptera</i> spp. <i>Trogonoptera</i> spp. <i>Troides</i> spp.	MATSUKA, H. (2001). <i>Natural History of Birdwing Butterflies</i> . 367 pp. Tokyo (Matsuka Shuppan).(ISBN 4-9900697-0-6).
HIRUDINOIDEA			

		Taxon concerned	Taxonomic reference
ARHYNCHOBDELLID A	Hirudinidae	<i>Hirudo medicinalis</i> <i>Hirudo verbana</i>	NESEMANN, H. & NEUBERT, E. (1999). Annelida: Clitellata: Branchiobdellida, Acanthobdellea, Hirudine. <i>Süßwasserfauna von Mitteleuropa</i> , 6 (2), 178 pp., Berlin (Spektrum Akad. Verlag). ISBN 3-8274-0927-6.
BIVALVIA			
VENEROIDA	Tridacnidae	<i>Tridacna ningaloo</i>	PENNY, S. & WILLAN, R. C. (2014). Description of a new species of giant clam (Bivalvia: Tridacnidae) from Ningaloo Reef, Western Australia. <i>Molluscan Research</i> , 34 (3): 201-211.
	Tridacnidae	<i>Tridacna noae</i>	SU, Y., HUNG, J.-H., KUBO, H. & LIU, L.-L. (2014). <i>Tridacna noae</i> (Röding, 1798) – a valid giant clam species separated from <i>T. maxima</i> (Röding, 1798) by morphological and genetic data. <i>Raffles Bulletin of Zoology</i> , 62 : 124-135.
CEPHALOPODA			
	Nautilidae	Nautilidae spp.	Family, genus and species information extracted from the Integrated Taxonomic Information Service (ITIS), an online reference. See Annex 5 of AC29 Doc.35 at https://cites.org/sites/default/files/eng/com/ac/29/E-AC29-35-A5.pdf
ANTHOZOA & HYDROZOA			
		All CITES listed species	Taxonomic Checklist of all CITES listed Coral Species, based on information compiled by UNEP-WCMC 2012.

FLORA

		Taxon concerned	Taxonomic reference
AMARYLLIDACEAE, PRIMULACEAE		<i>Cyclamen, Galanthus</i> and <i>Sternbergia</i>	Davis, A.P. <i>et al.</i> (1999). <i>CITES Bulb Checklist</i> , compiled by the Royal Botanic Gardens, Kew, United Kingdom of Great Britain and Northern Ireland) as a guideline when making reference to the names of species of <i>Cyclamen</i> and <i>Galanthus</i> and <i>Sternbergia</i> .
APOCYNACEAE		<i>Pachypodium</i> spp.	<i>CITES Aloe and Pachypodium Checklist</i> (U. Eggli <i>et al.</i> , 2001, compiled by Städtische Sukkulentensammlung, Zurich, Switzerland, in collaboration with the Royal Botanic Gardens, Kew, United Kingdom of Great Britain and Northern Ireland) and its update: <i>An Update and Supplement to the CITES Aloe & Pachypodium Checklist</i> [J. M. Lüthy (2007), CITES Management Authority of Switzerland, Bern, Switzerland] as a guideline when making reference to the names of species of <i>Aloe</i> and <i>Pachypodium</i> .
		<i>Hoodia</i> spp.	<i>Plants of Southern Africa: an annotated checklist</i> . Germishuizen, G. & Meyer N. L. (eds.) (2003). <i>Strelitzia</i> 14: 150-151. National Botanical Institute, Pretoria, South Africa as a guideline when making reference to the names of species of <i>Hoodia</i> .
CACTACEAE		All <i>Cactaceae</i> .	<i>CITES Cactaceae Checklist</i> third edition (2016, compiled by D. Hunt) as a guideline when making reference to names of species of <i>Cactaceae</i> , and the amendments and updates outlined in <i>A Supplement to the CITES Cactaceae Checklist</i> Third Edition 2016 (Hunt, D. 2018). The checklist and its supplement can be found on the website of the Royal Botanic Gardens, Kew, UK at " goo.gl/M26yL8 ".
CYCADACEAE, STANGERIACEAE and ZAMIACEAE		All <i>Cycadaceae</i> , <i>Stangeriaceae</i> and <i>Zamiaceae</i> .	The World List of Cycads: CITES and Cycads: Checklist 2013 (Roy Osborne, Michael A. Calonje, Ken D. Hill, Leonie Stanberg and Dennis Wm. Stevenson) in <i>CITES and Cycads a user's guide</i> (Rutherford, C. <i>et al.</i> , Royal Botanic Gardens, Kew. UK 2013), as a guideline when making reference to names of species of <i>Cycadaceae</i> , <i>Stangeriaceae</i> and <i>Zamiaceae</i> .
DICKSONIACEAE		<i>Dicksonia</i> species of the Americas.	<i>Dicksonia species of the Americas</i> (2003, compiled by Bonn Botanic Garden and the Federal Agency for Nature Conservation, Bonn, Germany) as a guideline when making reference to the names of species of <i>Dicksonia</i> .
DROSERACEAE, NEPENTHACEAE, SARRACENIACEAE		<i>Dionaea, Nepenthes</i> and <i>Sarracenia</i> .	<i>CITES Carnivorous Plant Checklist</i> (B. von Arx <i>et al.</i> , 2001, Royal Botanic Gardens, Kew, UK) as a guideline when making reference to names of species of <i>Dionaea, Nepenthes</i> and <i>Sarracenia</i> .

		Taxon concerned	Taxonomic reference
EBENACEAE		<i>Diospyros</i> spp. – populations of Madagascar.	<i>The genus Diospyros in Madagascar: a Preliminary Checklist for CITES Parties</i> (CVPM 2016) based on the Catalogue of the Vascular Plants of Madagascar is available on the Catalogue website. This reference is to be used as a guideline when making reference to the names of species of <i>Diospyros</i> from Madagascar. See http://www.tropicos.org/ProjectWebPortal.aspx?pagename=Diospyros&projectid=17. There is a link to the page here: http://www.tropicos.org/Name/40031908?projectid=17 and the pdf download is here: http://www.tropicos.org/docs/MadCat/Diospyros%20checklist%2028.03.2016.pdf For information only: Updates on new names will be regularly made available on the online database “Catalogue of the Vascular Plants of Madagascar” (http://www.tropicos.org/Project/Madagascar).
EUPHORBIACEAE		Succulent species of <i>Euphorbia</i> .	<i>The CITES Checklist of Succulent Euphorbia Taxa (Euphorbiaceae)</i>, Second edition (S. Carter and U. Eggli, 2003, published by the Federal Agency for Nature Conservation, Bonn, Germany) as a guideline when making reference to the names of species of succulent euphorbias.
LEGUMINOSAE		<i>Dalbergia</i> spp. – populations of Madagascar	<i>A Preliminary Dalbergia checklist for Madagascar for CITES</i> (CVPM 2014) based on the Catalogue of the Vascular Plants of Madagascar is available as a pdf on the CITES website as SC65 Inf. 21. This reference is to be used as a guideline when making reference to the names of species of <i>Dalbergia</i> from Madagascar. See: https://cites.org/sites/default/files/eng/com/sc/65/Inf/E-SC65-Inf-21.pdf For information only: Updates on new names will be regularly made available on the online database “Catalogue of the Vascular Plants of Madagascar”. (http://www.tropicos.org/Project/Madagascar).
LEGUMINOSAE		<i>Paubrasilia echinata</i>	Gagnon, E., Bruneau, A., Hughes, C.E., de Queiroz, L. P. & Lewis, G.P. (2016). <i>A new generic system for the pantropical Caesalpinia group (Leguminosae)</i> as a guideline making reference to the name of this taxon. This reference can be found on “https://phytokeys.pensoft.net/articles.php?id=9203”, with free access, and additional information on the taxon can be found at “http://floradobrasil.jbrj.gov.br/reflora/listaBrasil”
LEGUMINOSAE		<i>Platymiscium pleiostachyum</i>	Bente B. Klitgaard (2005). <i>Platymiscium</i> (Leguminosae: Dalbergieae); biogeography, systematics, morphology, taxonomy and uses. Kew Bulletin. Vol. 60, No. 3 (2005), pp. 321 – 400 be used as a guideline when making reference to the name of this taxon. This reference is available online at https://www.jstor.org/stable/4111062?seq=1#page_scan_tab_contents. Free access is possible to this reference.

		Taxon concerned	Taxonomic reference
LILIACEAE		<i>Aloe</i> spp.	<i>CITES Aloe and Pachypodium Checklist</i> (U. Eggli <i>et al.</i> , 2001, compiled by Städtische Sukkulentensammlung, Zurich, Switzerland, in collaboration with the Royal Botanic Gardens, Kew, United Kingdom of Great Britain and Northern Ireland) and its update: <i>An Update and Supplement to the CITES Aloe & Pachypodium Checklist</i> [J. M. Lüthy (2007), CITES Management Authority of Switzerland, Bern, Switzerland] as a guideline when making reference to the names of species of <i>Aloe</i> and <i>Pachypodium</i> .
ORCHIDACEAE		<i>Laelia</i> , <i>Phalaenopsis</i> , <i>Pleione</i> and <i>Sophranitis</i> (Volume 1, 1995) and <i>Cymbidium</i> , <i>Dendrobium</i> , <i>Disa</i> , <i>Dracula</i> and <i>Encyclia</i> (Volume 2, 1997), and <i>Aerangis</i> , <i>Angraecum</i> , <i>Ascocentrum</i> , <i>Bletilla</i> , <i>Brassavola</i> , <i>Calanthe</i> , <i>Catasetum</i> , <i>Miltonia</i> , <i>Miltonioides</i> and <i>Miltoniopsis</i> , <i>Renanthera</i> , <i>Renantherella</i> , <i>Rhynchostylis</i> , <i>Rossioglossum</i> , <i>Vanda</i> and <i>Vandopsis</i> (Volume 3, 2001); and <i>Aerides</i> , <i>Coelogyne</i> , <i>Compactia</i> and <i>Masdevallia</i> (Volume 4, 2006)	<i>CITES Orchid Checklist</i> , (compiled by the Royal Botanic Gardens, Kew, United Kingdom) as a guideline when making reference to the names of species of <i>Cattleya</i> (not <i>C. jongheana</i>), <i>Cypripedium</i> , <i>Laelia</i> (not <i>Laelia jongheana/Cattleya jongheana</i>), <i>Phalaenopsis</i> , <i>Pleione</i> and <i>Sophranitis</i> (Volume 1, 1995) and <i>Cymbidium</i> , <i>Dendrobium</i> (not <i>D. cruentum</i>), <i>Disa</i> , <i>Dracula</i> and <i>Encyclia</i> (Volume 2, 1997), and <i>Aerangis</i> (not <i>A. ellisii</i>), <i>Angraecum</i> , <i>Ascocentrum</i> , <i>Bletilla</i> , <i>Brassavola</i> , <i>Calanthe</i> , <i>Catasetum</i> , <i>Miltonia</i> , <i>Miltonioides</i> and <i>Miltoniopsis</i> , <i>Renanthera</i> , <i>Renantherella</i> , <i>Rhynchostylis</i> , <i>Rossioglossum</i> , <i>Vanda</i> and <i>Vandopsis</i> (Volume 3, 2001); and <i>Aerides</i> , <i>Coelogyne</i> , <i>Compactia</i> and <i>Masdevallia</i> (Volume 4, 2006).
ORCHIDACEAE		<i>Paphiopedilum</i> spp., <i>Phragmipedium</i> spp., <i>Aerangis ellisii</i> , <i>Cattleya jongheana</i> , <i>Cattleya lobata</i> , <i>Dendrobium cruentum</i> , <i>Mexipedium xerophyticum</i> , <i>Peristeria elata</i> and <i>Renanthera imschootiana</i>	Govaerts, R., Caromel, A., Dhanda, S., Davis, F., Pavitt, A., Sinovas, P., & Vaglica, V. (2019). <i>CITES Appendix I Orchid Checklist</i> . Second Version, Royal Botanic Gardens, Kew, Surrey, and UNEP-WCMC, Cambridge. This reference should be used as a guideline when making reference to the names of <i>Paphiopedilum</i> spp., <i>Phragmipedium</i> spp., <i>Aerangis ellisii</i> , <i>Cattleya jongheana</i> , <i>Cattleya lobata</i> , <i>Dendrobium cruentum</i> , <i>Mexipedium xerophyticum</i> , <i>Peristeria elata</i> and <i>Renanthera imschootiana</i> . This reference can be found on the website of the Royal Botanic Gardens, Kew, UK at " goo.gl/M26yL8 ".

		Taxon concerned	Taxonomic reference
ORCHIDACEAE		<i>Bulbophyllum</i> spp.	<i>CITES checklist for Bulbophyllum and allied taxa (Orchidaceae)</i> . Sieder, A., Rainer, H., Kiehn, M. (2007): Address of the authors: Department of Biogeography and Botanical Garden of the University of Vienna; Rennweg 14, A-1030 Vienna (Austria) as a guideline when making reference to the names of species of <i>Bulbophyllum</i> .
PALMAE		<i>Dypsis decipiens</i> and <i>Dypsis decaryi</i> .	Proposed Standard Reference for two CITES-listed palms endemic to Madagascar (CVPM 2016) based on the Catalogue of the Vascular Plants of Madagascar can be found as a pdf on the US Fish & Wildlife Service website. This is to be used as a guideline when making reference to <i>Dypsis decipiens</i> and <i>Dypsis decaryi</i> . See: http://www.fws.gov/international/
TAXACEAE		<i>Taxus</i> spp.	<i>World Checklist and Bibliography of Conifers</i> (A. Farjon, 2001) as a guideline when making reference to the names of species of <i>Taxus</i> .
ZYGOPHYLLACEAE		<i>Guaiaacum</i> spp.	<i>Lista de especies, nomenclatura y distribución en el genero Guaiaacum</i> . Davila Aranda. P. & Schippmann, U. (2006): Medicinal Plant Conservation 12:50 as a guideline when making reference to the names of species of <i>Guaiaacum</i> .

ANNEX 3

‘ANNEX XI

Types of biological samples referred to in Article 18 and their use

Type of sample	Typical size of sample	Use of sample
blood and its derivative components	5 ml maximum for liquid samples or dry blood sample on a microscope slide, filter paper or swab	biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis, including serology
internal tissues (botanical or zoological), fixed	tissues (5 mm ³ -25 mm ³) in a fixative or histological glass slide containing a +/- 5um section of fixed tissue	Histology and electron microscopy to detect organisms and poisons; taxonomic research; biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis
internal tissues (botanical or zoological), frozen	pieces of tissues (5 mm ³ -25 mm ³)	biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis
internal tissues (botanical or zoological), fresh (excluding ova, sperm and embryos)	pieces of tissues (5 mm ³ - 25 mm ³)	biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis
external tissues including hair, skin, feathers, scales, bone, egg shell, teeth, ivory, horn, leaves, bark, seeds, fruit or flowers	Individual samples with or without fixative for ivory: pieces of ivory approximately 3 cm x 3 cm and 1 cm thick or less depending on analysis method, in accordance with <i>ICCWC Guidelines on methods</i>	species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis; age analysis; biomedical research

Type of sample	Typical size of sample	Use of sample
	<i>and procedures for ivory and laboratory analysis</i> ¹ for rhino horn: small amounts of powder/shavings sealed in a tamper proof sample bottle, in accordance with the <i>Procedure for Rhino horn DNA Sampling</i> ²	
buccal/cloacal/mucus/nasal/urinary tract/rectal swabs	small amounts of tissue or cells on a swab in a tube	species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis, including serology; biomedical research
cell lines and tissue cultures	no limitation of sample size	biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis; age analysis
DNA or RNA (purified)	up to 0.5 ml volumes per individual specimen of purified DNA or RNA	biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis; age analysis
secretions, (saliva, venom, milk, plant secretions)	1-5 ml in vials	production of anti-venom; biomedical research; species identification; determination of geographic origin; sex determination; individual identification; parentage testing; toxicology analysis; disease testing/diagnosis, including serology; age analysis

¹ https://www.unodc.org/documents/Wildlife/Guidelines_Ivory.pdf

² Republic of South Africa, Department of Environmental Affairs, Procedures for Rhino horn DNA Sampling