

Document AC32 Doc. 46 Annex 3									
	Present situation (after CITES CoP18)			Proposed change in literature		Effect on CITES IF adopted		History	Notes
Taxonomic placement	Name in Appendices	Appendix	Checklist & Species+ Annex	Description of change	Citation / potential nomenclature standard reference	Changes to name in Appendices	Changes to CITES Checklist & Species+		
Mammalia: Carnivora: Phocidae	<i>Monachus</i> spp.	I	<i>Monachus</i> spp: <i>Monachus monachus</i> (Hermann, 1779), <i>Monachus schauinslandi</i> Matschie 1905, <i>Monachus tropicalis</i> (Gray 1850)	Genus split: <i>Monachus monachus</i> remains in <i>Monachus</i> , <i>M. schauinslandi</i> and <i>M. tropicalis</i> are placed in new genus <i>Neomonachus</i> .	Scheel, D.-M., Slater, G. J., Kolokotronis, S.-O., Potter, C. W., Rotstein, D. S., Tsangaras, K., Greenwood, A. D. & Helgen, K. M. 2014. Biogeography and taxonomy of extinct and endangered monk seals illuminated by ancient DNA and skull morphology. - ZooKeys 409: 1-33	App.I: <i>Monachus</i> spp. + <i>Neomonachus</i> spp.	List new name combinations <i>Neomonachus schauinslandi</i> (Matschie 1905) and <i>Neomonachus tropicalis</i> (Gray 1850), and list older names as synonyms	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Mammalia: Cetacea: Balaenopteridae	<i>Balaenoptera edeni</i>	I	<i>Balaenoptera edeni</i> Anderson 1879	Species split: Gulf of Mexico population of Bryde's Whale split off as a separate species, <i>Balaenoptera ricei</i> .	Rosel, P. E.; Wilcox, L. A.; Yamada, T. K.; Mullin, K. D. 2021. A new species of baleen whale (<i>Balaenoptera</i>) from the Gulf of Mexico, with a review of its geographic distribution. Marine Mammal Science. 37(2): 577-610	App.I: add <i>Balaenoptera ricei</i>	Add <i>Balaenoptera ricei</i> Rosel, Wilcox, Yamada & Mullin 2021 as valid species	noted in AC31 WG	
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus albifrons</i> (Humboldt 1812)	Species split: <i>Cebus versicolor</i> resurrected from synonymy of <i>Cebus albifrons</i>	Boubli, J.P., Rylands, A.B., Farias, I., Alfaro, M. and Lynch Alfaro, J. 2012. Cebus phylogenetic relationships: a preliminary reassessment of the diversity of the untufted capuchin monkeys. American Journal of Primatology 74(4): 381-393.	None: part of PRIMATES spp.	List <i>Cebus versicolor</i> Pucheran 1845 as valid species, remove it from synonymy of <i>Cebus albifrons</i>		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus apella</i> (Linnaeus 1758)	Genus change, to <i>Sapajus apella</i>	Lima, M.G.M., Buckner, J.C., Silva-Junior, J.S., Aleixo, A., Amely B., Martins, A.B., Boubli, J.P., Link, A., Farias, I.P., Silva, M.N., Röhe, F., Queiroz, H., Chiou, K.L., Di Fiore, A., Alfaro, M.E. and Lynch Alfaro, J.W. 2017. Capuchin monkey biogeography: understanding <i>Sapajus</i> Pleistocene range expansion and the current sympatry between <i>Cebus</i> and <i>Sapajus</i> . Journal of Biogeography 44(4): 810-820. doi:10.1111/jbi.12945	None: part of PRIMATES spp.	Change valid name to <i>Sapajus apella</i> (Linnaeus 1758), list previous name as synonym		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus flavius</i> (Schreber 1774)	Genus change, to <i>Sapajus flavius</i> (Schreber 1774)	Lima, et al. 2018. Molecular Phylogenetics and Evolution 124: 137-150.	None: part of PRIMATES spp.	Change valid name to <i>Sapajus flavius</i> (Schreber 1774), list previous name as synonym		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus libidinosus</i> Spix, 1823	Genus change, to <i>Sapajus libidinosus</i>	Lima, et al. 2018. Molecular Phylogenetics and Evolution 124: 137-150.	None: part of PRIMATES spp.	Change valid name to <i>Sapajus libidinosus</i> (Spix, 1823), list previous name as synonym		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus nigrinus</i> (Goldfuss 1809)	Genus change, to <i>Sapajus nigrinus</i>	Lima, et al. 2018. Molecular Phylogenetics and Evolution 124: 137-150.	None: part of PRIMATES spp.	Change valid name to <i>Sapajus nigrinus</i> (Goldfuss 1809), list previous name as synonym		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus nigrinus</i> (Goldfuss 1809)	Species split and genus change: <i>Sapajus cucullatus</i> (Spix, 1823) elevated to species rank, from subspecies <i>Cebus nigrinus cucullatus</i> .	Lynch Alfaro, J.W., Boubli, J.P., Olson, L.E., Di Fiore, A., Wilson, B., Gutiérrez-Espeleta, G.A., Chiou, K.L., Schulte, M., Neitzel, S., Ross, V., Schwochow, D., Nguyen, M., Farias, I., Janson, C. & Alfaro, M.E. 2012. Explosive Pleistocene range expansion leads to widespread Amazonian sympatry between robust and gracile capuchin monkeys. Journal of Biogeography 39: 272-288.	None: part of PRIMATES spp.	List <i>Cebus</i> or <i>Sapajus cucullatus</i> (Spix, 1823) as valid species, remove it from synonymy of <i>Cebus nigrinus</i>		

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Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	<i>Cebus xanthostemos</i> Wied-Neuwied, 1826	Genus change, to <i>Sapajus xanthostemos</i>	Lima, M.G.M., Silva-Júnior, J.S., Čemýc, D., Buckner, J.C., Aleixo, A., Chang, J., Zheng, J., Alfaro, M.E., Martins, A. Di Fiore, A., Boubli, J.P. and Lynch Alfaro, J.W. 2018. A phylogenomic perspective on the robust capuchin monkey (<i>Sapajus</i>) radiation: first evidence for extensive population admixture across South America. <i>Molecular Phylogenetics and Evolution</i> 124: 137-150	None: part of PRIMATES spp.	Change valid name to <i>Sapajus xanthostemos</i> (Wied-Neuwied, 1826), list previous name as synonym		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	N/A	New species: <i>Mico munduruku</i> Costa-Araújo, Farias & Hrbek in Costa-Araújo, Melo, Canale, Hernández-Rangel, Messias et al., 2019	Costa-Araújo, R., Melo, F. R. de, Canale, G. R., Hernández-Rangel, S. M., Messias, M. R., Rossi, R. V., Silva, F. E. Silva, M. N. F. da, Nash, S. D., Boubli, J. P., Farias, I. P. and Hrbek, T. 2019. The Munduruku mamoset: a new monkey species from southern Amazonia. <i>PeerJ</i> . 7: e7019. DOI 10.7717/peerj.7019. 18pp	None: part of PRIMATES spp.	Add <i>Mico munduruku</i> Costa-Araújo, Farias & Hrbek in Costa-Araújo, Melo, Canale, Hernández-Rangel, Messias et al., 2019		
Mammalia: Primates: Cebidae	PRIMATES spp.	II/B	not listed in Species+	Species synonymisation: <i>Cebus macrocephalus</i> (Spix 1823) considered a subspecies of <i>Sapajus apella</i> (Linnaeus 1758)	Lima et al. 2017. <i>Journal of Biogeography</i> 44(4): 810-820. doi:10.1111/jbi.12945 and Lima et al. 2018. <i>Molecular Phylogenetics and Evolution</i> 124: 137-150.	None: part of PRIMATES spp.	List <i>Sapajus apella macrocephalus</i> (Spix 1823) at subspecies rank and ensure that <i>Cebus macrocephalus</i> (Spix 1823) and <i>Sapajus macrocephalus</i> (Spix 1823) are listed as synonyms.		
Mammalia: Primates: Cercopithecidae	PRIMATES spp.	II/B	<i>Cercocebus atys</i> (Audebert, 1797)	Species split: <i>Cercocebus lunulatus</i> (Temminck, 1853) considered a valid species	Mittermeier, R. A., Rylands, A. B. & Wilson, D. E. 2013. <i>Handbook of the Mammals of the World: Volume 3 Primates</i> . Lynx Edicions, Barcelona	None: part of PRIMATES spp.	Add <i>Cercocebus lunulatus</i> (Temminck, 1853)	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	Note: EN in IUCN Red List
Mammalia: Primates: Cercopithecidae	PRIMATES spp.	II/B	<i>Colobus guereza</i> Rüppell 1835	Species split: <i>Colobus caudatus</i> Thomas 1885 elevated to species rank, from subspecies <i>Colobus guereza caudatus</i>	Butynski, T.M. and De Jong, Y.A. 2018. Geographic range, taxonomy, and conservation of the Mount Kilimanjaro guereza colobus monkey (Primates: Cercopithecidae: <i>Colobus</i>). <i>Hystrix, the Italian Journal of Mammalogy</i> 29(1): 81–85. doi:10.4404/hystrix-00043-2018	None: part of PRIMATES spp.	List <i>Colobus caudatus</i> Thomas 1885 as valid species, and remove name from synonymy of <i>Colobus guereza</i> Rüppell 1835		
Mammalia: Primates: Cercopithecidae	PRIMATES spp.	II/B	<i>Erythrocebus patas</i> (Schreber 1775)	Species split: <i>Erythrocebus patas</i> split into 3 species: <i>E. baumstarki</i> Matschie 1905, <i>E. poliophaeus</i> (Reichenbach, 1862), and <i>E. patas</i> (Schreber 1775)	Gippoliti, S. 2017. On the taxonomy of <i>Erythrocebus</i> with a re-evaluation of <i>Erythrocebus poliophaeus</i> (Reichenbach, 1862) from the Blue Nile region of Sudan and Ethiopia. <i>Primate Conservation</i> 31: 53-59	None: part of PRIMATES spp.	List <i>Erythrocebus baumstarki</i> Matschie 1905 and <i>Erythrocebus poliophaeus</i> (Reichenbach, 1862) as valid, and remove names from synonymy of <i>E. patas</i> (Schreber 1775).		
Mammalia: Primates: Cercopithecidae	PRIMATES spp.	II/B	<i>Papio cynocephalus</i> (Linnaeus, 1766)	Species split: <i>Papio kindae</i> Lönnberg, 1919 considered a valid species	Mittermeier, R. A., Rylands, A. B. & Wilson, D. E. 2013. <i>Handbook of the Mammals of the World: Volume 3 Primates</i> . Lynx Edicions, Barcelona	None: part of PRIMATES spp.	Add <i>Papio kindae</i> Lönnberg, 1919	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	

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Mammalia: Primates: Cheirogaleidae	Cheirogaleidae spp.	I/A	N/A	New species, based mainly on genetic data but supported by morphological differences: <i>Microcebus boraha</i> Hotaling, Foley, Lawrence, Bocanegra, Blanco, Rasoloarison, Kappeler, Barrett, Yoder & Weisrock, 2016	Hotaling, S., Foley, M. E., Lawrence, N. M. Bocanegra, J. Blanco, M. B., Rasoloarison, R., Kappeler, P. M., Barrett, M. A., Yoder, A. D. & Weisrock, D. W. 2016. Species discovery and validation in a cryptic radiation of endangered primates: coalescent-based species delimitation in Madagascar's mouse lemurs. - Molecular Ecology 25: 2029–2045	None: part of Cheirogaleidae spp.	Add <i>Microcebus boraha</i> Hotaling, Foley, Lawrence, Bocanegra, Blanco, Rasoloarison, Kappeler, Barrett, Yoder & Weisrock, 2016	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Mammalia: Primates: Cheirogaleidae	Cheirogaleidae spp.	I/A	N/A	New species: <i>Microcebus jonahi</i> Schüssler, Blanco, Salmona, Poelstra, Andriambeloso, Miller, Randrianambinina et al., 2020	Schüssler, D., Salmona, J., Blanco, M. B., Poelstra, J., Tiley, G. P., Andriambeloso, J. B., Bouchez, K. E. O., Campbell, C. R., Etter, P. D., Iribar, A., Hohenlohe, P. A., Hunnicutt, K. E., Johnson, E. A., Larsen, P. A., Mantilla-Contreras, J., Manzi, S., Miller, A., Randrianambinina, B., Rasolofson, D. W., Amanda R., Stahlke, A. R., Weisrock, D., Williams, R. C., Chikhi, L., Louis Jr., E. E., Yoder, A. D. and Radespiel, U. 2020. Complex processes of cryptic speciation in mouse lemurs from a micro-endemism hotspot in Madagascar. American Journal of Primatology 82: e23180.	None: part of Cheirogaleidae spp.	Add <i>Microcebus jonahi</i> Schüssler, Blanco, Salmona, Poelstra, Andriambeloso, Miller, Randrianambinina et al., 2020		
Mammalia: Primates: Hylobatidae	Hylobatidae spp.	I/A	N/A	New species: <i>Hoolock tianxing</i> Fan, He, Chen, Ortiz, Zhang, Zhao, Li, Zhang, Kimock, Wang, Groves, Turvey, Roos, Helgen & Jiang, 2016, based on genetic and morphological data	Fan, P.-F., He, K., Chen, X., Ortiz, A., Zgang, B., Zhao, C., Li, Y.-Q., Zhang, H.-B., Kimock, C., Wang, W.-Z., Groves, C., Turvey, S. T., Roos, C., Helgen, K. M. & Jiang, X.-L. 2016. Description of a new species of Hoolock gibbon (Primates: Hylobatidae) based on integrative taxonomy. – American Journal of Primatology 79: e22631	None: part of Hylobatidae spp.	Add <i>Hoolock tianxing</i> Fan, He, Chen, Ortiz, Zhang, Zhao, Li, Zhang, Kimock, Wang, Groves, Turvey, Roos, Helgen & Jiang, 2016	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	Note1: Genus <i>Hoolock</i> not recognised as separate from <i>Hylobates</i> by CITES. Note 2: likely a split-out rather than a new discovery
Mammalia: Primates: Pitheciidae	PRIMATES spp.	II/B	<i>Callicebus stephennashi</i> van Roosmalen, van Roosmalen & Mittermeier, 2002	Genus transfer, to <i>Plecturocebus stephennashi</i> (van Roosmalen, van Roosmalen & Mittermeier, 2002)	Byrne, H., Rylands, A. B., Cameiro, J. C., Alfaro, J. W. L., Bertuol, F., da Silva, M. N. F., Messias, M., Groves, C. P., Mittermeier, R. A., Farias, I., Hrbek, T., Schneider, H., Sampaio, I. & Boubli, J. P. 2016. Phylogenetic relationships of the New World titi monkeys (<i>Callicebus</i>): first appraisal of taxonomy based on molecular evidence. - Frontiers in Zoology 13 (10): 1-25. https://doi.org/10.1186/s12983-016-0142-4	None: part of PRIMATES spp.	Change name, list old name as synonym – but see next line	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	Currently still in <i>Callicebus</i> , many other species transferred to <i>Plecturocebus</i>
Mammalia: Primates: Pitheciidae	PRIMATES spp.	II/B	<i>Callicebus stephennashi</i> van Roosmalen, van Roosmalen & Mittermeier, 2002	Synonymisation of <i>Callicebus stephennashi</i> under <i>C. caligatus</i> (Wagner, 1842)	Serrano-Villavicencio, J. E., Vendramel, R. L. & Garbino, G. S. T. 2017. Species, subspecies, or color morphs? Reconsidering the taxonomy of <i>Callicebus</i> Thomas, 1903 in the Purus–Madeira interfluvium. - Primates 58: 159-167	None: part of PRIMATES spp.	List <i>C. stephennashi</i> as synonym under <i>Plecturocebus caligatus</i>	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Mammalia: Primates: Pitheciidae	PRIMATES spp.	II/B	N/A	new species <i>Plecturocebus parecis</i> (Gusmão et al., 2019)	Gusmão, A.C., Messias, M.R., Cameiro, J.C., Schneider, H., de Alencar, T.B., Calouro, A.M., Dalponte, J.C., de Souza Mattos, F., Ferrari, S.F., Buss, G. and de Azevedo, R.B., 2019. A new species of Titi monkey, <i>Plecturocebus</i> Byrne et al., 2016 (Primates, Pitheciidae), from southwestern Amazonia, Brazil. Primate Conserv, 33, pp.21-35	None: part of PRIMATES spp.	add <i>Plecturocebus parecis</i> (Gusmão et al., 2019)	noted in AC31 WG	

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Mammalia: Primates: Pitheciidae	PRIMATES spp.	II/B	N/A	New species: <i>Plecturocebus parecis</i> Gusmão, Messias, Carneiro, Schneider, de Alencar, Caluro, Dalponte, Mattos, Ferrari et al., 2019	Gusmão, A. C., Messias, M. R. de, Carneiro, J. C., Schneider, H., Alencar, T. B. de, Calouro, A. M., Dalponte, J. C., Mattos, F. de S., Ferrari, S. F., Buss, G., Azevedo, R. B. de, Santos Jr, E. M., Nash, S. D., Rylands A. B. & Barnett, A. A. 2019. A new species of titi monkey, <i>Plecturocebus</i> Byrne et al., 2016 (Primates, Pitheciidae) from southwestern Amazonian, Brazil. Primate Conservation (33): 21–35	None: part of PRIMATES spp.	Add <i>Plecturocebus parecis</i> Gusmão, Messias, Carneiro, Schneider, de Alencar, Caluro, Dalponte, Mattos, Ferrari et al., 2019		
Mammalia: Primates: Pitheciidae	PRIMATES spp.	II/B	<i>Plecturocebus cupreus</i> (Spix, 1823)	Species split: <i>Callicebus toppini</i> Thomas, 1914 considered a valid species based on morphological data (V&T-A 2015; B& 2016) and transferred to genus <i>Plecturocebus</i> (B& 2016)	Vermeer, J. & Tello-Alvarado, J. C. 2015. The distribution and taxonomy of titi monkeys (<i>Callicebus</i>) in Central and Southern Peru, with the description of a new species. Primate Conservation 29: 1–21; Byrne, H., Rylands, A. B., Carneiro, J. C., Alfaro, J. W. L., Bertuol, F., da Silva, M. N. F., Messias, M., Groves, C. P., Mittermeier, R. A., Farias, I., Hrbek, T., Schneider, H., Sampaio, I. & Boubli, J. P. 2016. Phylogenetic relationships of the New World titi monkeys (<i>Callicebus</i>): first appraisal of taxonomy based on molecular evidence. - Frontiers in Zoology 13 (10): 1-25. https://doi.org/10.1186/s12983-016-0142-4	None: part of PRIMATES spp.	Add <i>Plecturocebus toppini</i> (Thomas 1914) as valid species	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Mammalia: Primates: Tarsiidae	PRIMATES spp.	II/B	N/A	New species: <i>Tarsius niemitzi</i> Shekelle, Groves, Maryanto, Mittermeier, Salim and Springer, 2019	Shekelle, M., Groves, C. P., Maryanto, I., Mittermeier, R. A., Salim, A. and Springer, M. S. 2019. A new tarsier species from the Togean Islands of Central Sulawesi, Indonesia, with reference to Wallacea and conservation on Sulawesi. Primate Conservation (33): 65–73	None: part of PRIMATES spp.	Add <i>Tarsius niemitzi</i> Shekelle, Groves, Maryanto, Mittermeier, Salim and Springer, 2019		
Mammalia: Proboscidea: Elephantidae	<i>Loxodonta africana</i> *	I-III/A-B	<i>Loxodonta africana</i> (Blumenbach 1797)	Species split: <i>Loxodonta cyclotis</i> elevated to full species status	Wilson & Reeder 2005	App.I: add <i>Loxodonta cyclotis</i> [NOT added to App. II]	Add <i>Loxodonta cyclotis</i> (Matschie 1900), remove from synonymy of <i>L. africana</i>	CoP19 Doc.84.1, AC32 Doc.46 para. 6-12.	See paragraphs 6-12 of main Nomenclature document AC32 Doc.46. No populations attributed to <i>L. cyclotis</i> occur in Parties whose Elephant populations are in Appendix II.
Aves: Falconiformes: Accipitridae	FALCONIFORMES spp.	II/B	<i>Leucoptemis occidentalis</i> (Salvin, 1876)	Genus transfer, to <i>Pseudastur occidentalis</i> (Salvin, 1876)	del Hoyo & Collar (2014)	None: part of FALCONIFORMES spp.	Change name, list old name as synonym	AC31 Doc.37 Annex 5	<i>Leucoptemis albicollis</i> was transferred to <i>Pseudastur</i> at CoP19, but these two closely related species (former subspecies) were not.
Aves: Falconiformes: Accipitridae	FALCONIFORMES spp.	II/B	<i>Leucoptemis polionotus</i> (Kaup, 1847)	Genus transfer, to <i>Pseudastur polionotus</i> (Kaup, 1847)	del Hoyo & Collar (2014)	None: part of FALCONIFORMES spp.	Change name, list old name as synonym	AC31 Doc.37 Annex 5	as above
Reptilia: Sauria: Chamaeleonidae	<i>Furcifer</i> spp.	II/B	<i>Furcifer rhinoceros</i> (Gray, 1845)	Species split: <i>Furcifer monoceros</i> (Boettger, 1913) treated as valid and distinct from <i>F. rhinoceros</i>	Sentís, M., Chang, Y., Scherz, M. D., Prötzel, D. & Glaw, F. 2018. Rising from the ashes: resurrection of the Malagasy chameleons <i>Furcifer monoceros</i> and <i>F. voeltzkowi</i> (Squamata: Chamaeleonidae), based on micro-CT scans and external morphology. - Zootaxa 4483 (3): 549-566.	None: part of <i>Furcifer</i> spp.	Add <i>Furcifer monoceros</i> (Boettger, 1913)	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	

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Reptilia: Sauria: Chamaeleonidae	<i>Furcifer</i> spp.	II/B	<i>Furcifer rhinocerotus</i> (Gray, 1845)	Species split: <i>Furcifer voeltzkowi</i> (Boettger, 1893) treated as valid and distinct from <i>F. rhinocerotus</i>	Sentis <i>et al.</i> 2018.	None: part of <i>Furcifer</i> spp.	Add <i>Furcifer voeltzkowi</i> (Boettger, 1893)	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Reptilia: Sauria: Cordylidae	<i>Cordylus</i> spp.	II/B	<i>Cordylus namakuiyus</i> Stanley <i>et al.</i> 2016.	Species split: <i>Cordylus phonolithos</i> described as sister species to the lineage containing <i>C. machadoi</i> and <i>C. namakuiyus</i>	Marques, M.P., Ceriaco, L.M., Stanley, E.L., Bandeira, S., Agarwal, I. and Bauer, A.M., 2019. A new species of girdled lizard (Squamata: Cordylidae) from the Serra da Neve Inselberg, Namibe Province, southwestern Angola. <i>Zootaxa</i> , 4668(4), pp.503-524.	None: part of <i>Cordylus</i> spp.	Add <i>Cordylus phonolithos</i> Marques, Ceriaco, Stanley, Bandeira, Agarwal & Bauer 2019	noted in AC31 WG	
Reptilia: Sauria: Cordylidae	<i>Smaug</i> spp.	II/B	<i>Smaug warreni</i> (Boulenger, 1908)	Species split: <i>Smaug barbertonensis</i> (van Dam, 1921) treated as valid and distinct from <i>S. warreni</i>	Stanley, E. L. and Bates, M. F. 2014. Here be dragons: a phylogenetic and biogeographical study of the <i>Smaug warreni</i> species complex (Squamata: Cordylidae) in southern Africa. <i>Zoological Journal of the Linnean Society</i> 172 (4): 892–909; doi: 10.1111/zoj.12187	None: part of <i>Smaug</i> spp.	Add <i>Smaug barbertonensis</i> (van Dam, 1921)	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Reptilia: Sauria: Cordylidae	<i>Smaug</i> spp.	II/B	<i>Smaug warreni</i> (Boulenger, 1908)	Species split: <i>Smaug depressus</i> (van Dam, 1921) treated as valid and distinct from <i>S. warreni</i>	Stanley, E. L. and Bates, M. F. 2014. Here be dragons: a phylogenetic and biogeographical study of the <i>Smaug warreni</i> species complex (Squamata: Cordylidae) in southern Africa. <i>Zoological Journal of the Linnean Society</i> 172 (4): 892–909; doi: 10.1111/zoj.12187	None: part of <i>Smaug</i> spp.	Add <i>Smaug depressus</i> (van Dam, 1921)	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Reptilia: Sauria: Cordylidae	<i>Smaug</i> spp.	II/B	<i>Smaug warreni</i> (Boulenger, 1908)	Species split: <i>Smaug swazicus</i> described as new species, after being previously known as the 'Swaziland Lineage' of <i>S. warreni</i> / <i>S. barbertonensis</i> .	Bates, M.F. and Stanley, E.L., 2020. A taxonomic revision of the south-eastern dragon lizards of the <i>Smaug warreni</i> (Boulenger) species complex in southern Africa, with the description of a new species (Squamata: Cordylidae). <i>PeerJ</i> , 8, p.e8526.	None: part of <i>Smaug</i> spp.	Add <i>Smaug swazicus</i> Bates & Stanley 2020	noted in AC31 WG	
Reptilia: Sauria: Gekkonidae	<i>Gekko gecko</i>	II	<i>Gekko gecko</i> (Linnaeus 1758)	Species split: <i>Gekko reevesii</i> elevated from synonym of <i>Gekko gecko</i> to full species	Wood, P. L., Guo, X., Travers, S. L., Su, Y. C., Olson, K. V., Bauer, A. M., Grismer, L. L., Siler, C. D., Moyle, R. G., Andersen, M. J. and Brown, R. M. 2020. Parachute geckos free fall into synonymy: <i>Gekko</i> phylogeny, and a new subgeneric classification, inferred from thousands of ultraconserved elements. <i>Molecular Phylogenetics and Evolution</i> 146: 106731 [corrigendum: MPE 164: 107255]	App.II: add <i>Gekko reevesii</i>	Add <i>Gekko reevesii</i> (Gray, 1831), remove from synonymy of <i>Gekko gecko</i>	noted in AC31 WG	
Reptilia: Sauria: Gekkonidae	<i>Uroplatus</i> spp.	II/B	N/A	New species: <i>Uroplatus fangom</i> Ratsoavina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz, 2020	Ratsoavina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz. 2020. Towards completion of the species inventory of small-sized leaf-tailed geckos: two new species of <i>Uroplatus</i> from northern Madagascar. <i>Zootaxa</i> 4895 (2): 251–271.	None: part of <i>Uroplatus</i> spp.	Add <i>Uroplatus fangom</i> Ratsoavina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz, 2020	noted in AC31 WG	New species, based on genetic and morphological data
Reptilia: Sauria: Gekkonidae	<i>Uroplatus</i> spp.	II/B	N/A	New split-out species: <i>Uroplatus fetsy</i> Ratsoavina, Scherz, Tolley, Raselimanana, Glaw & Vences 2019 separated from <i>U. ebenau</i> .	Ratsoavina, Scherz, Tolley, Raselimanana, Glaw & Vences. 2019. A new species of <i>Uroplatus</i> (Gekkonidae) from Ankarana National Park, Madagascar, of remarkably high genetic divergence. <i>Zootaxa</i> 4683 (1): 084–096.	None: part of <i>Uroplatus</i> spp.	Add <i>Uroplatus fetsy</i> Ratsoavina, Scherz, Tolley, Raselimanana, Glaw & Vences 2019	AC32 New item	New species, based on genetic and morphological data
Reptilia: Sauria: Gekkonidae	<i>Uroplatus</i> spp.	II/B	N/A	New species: <i>Uroplatus finaitra</i> Ratsoavina, Raselimanana, Scherz, Rakotoarison, Razafindraibe, Glaw & Vences, 2019	Ratsoavina, Raselimanana, Scherz, Rakotoarison, Razafindraibe, Glaw & Vences. 2019. <i>Finaitra</i> ! A splendid new leaf-tailed gecko (<i>Uroplatus</i>) species from Marojejy National Park in north-eastern Madagascar. <i>Zootaxa</i> 4545 (4): 563–577.	None: part of <i>Uroplatus</i> spp.	Add <i>Uroplatus finaitra</i> Ratsoavina, Raselimanana, Scherz, Rakotoarison, Razafindraibe, Glaw & Vences, 2019	noted in AC31 WG	New species, based on genetic and morphological data

Taxonomic placement	Present situation (after CITES CoP18)			Proposed change in literature		Effect on CITES IF adopted		History	Notes
	Name in Appendices	Appendix / EU Annex	Checklist & Species+	Description of change	Citation / potential nomenclature standard reference	Changes to name in Appendices	Changes to CITES Checklist & Species+		
Reptilia: Sauria: Gekkonidae	<i>Uroplatus</i> spp.	II/B	N/A	New species: <i>Uroplatus fivehy</i> Ratsouvina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz, 2020	Ratsouvina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz. 2020. Towards completion of the species inventory of small-sized leaf-tailed geckos: two new species of <i>Uroplatus</i> from northern Madagascar. <i>Zootaxa</i> 4895 (2): 251–271.	None: part of <i>Uroplatus</i> spp.	Add <i>Uroplatus fivehy</i> Ratsouvina, Glaw, Raselimanana, Rakotoarison, Vieites, Hawlitschek, Vences & Scherz, 2020	noted in AC31 WG	New species, based on genetic and morphological data
Reptilia: Sauria: Iguanidae	<i>Ctenosaura</i> spp.	II/B	<i>Ctenosaura alfredschmidti</i> , <i>Ctenosaura defensor</i>	Genus split: <i>Ctenosaura</i> split into <i>Cachryx</i> for <i>alfredschmidti</i> and <i>defensor</i> , all other species retained in <i>Ctenosaura</i>	Malone, C.L., V.H. Reynoso, and L.J. Buckley. 2017. Never judge an iguana by its spines: Systematics of the Yucatán Spiny-tailed Iguana, <i>Ctenosaura defensor</i> (Cope, 1866). <i>Molecular Phylogenetics and Evolution</i> 115:27–39	Add ' <i>Cachryx</i> spp.' to Appendix II	Transfer <i>defensor</i> and <i>alfredschmidti</i> to <i>Cachryx</i> , list <i>Ctenosaura</i> names in synonymy		
Reptilia: Sauria: Iguanidae	<i>Iguana</i> spp.	II	<i>Iguana iguana</i> (Linnaeus 1758)	Species split: <i>Iguana insularis</i> elevated to species rank, after earlier (2019) description as subspecies of <i>Iguana iguana</i> .	Breuil, Schikorski, Vuillaume, Krauss, Morton, Corry, Bech, Jelić, & Grandjean. 2020. Painted black: <i>Iguana melanoderma</i> (Reptilia, Squamata, Iguanidae) a new melanistic endemic species from Saba and Montserrat islands (Lesser Antilles). <i>ZooKeys</i> 926: 95–131 (2020) doi: 10.3897/zookeys.926.48679.	None: part of <i>Iguana</i> spp.	Add <i>Iguana insularis</i> Breuil, Vuillaume, Schikorski, Krauss, Morton, Haynes, Daltry, Corry, Gaymes, Gaymes, Bech, Jelić & Grandjean 2019	AC32 New item	See paragraph 20 of main nomenclature document and Iguana Taxonomy WG 2022 at https://www.iucn-isg.org/wp-content/uploads/2022/05/ITWG_Checklist_2022_Supplement.pdf
Reptilia: Sauria: Iguanidae	<i>Iguana</i> spp.	II	<i>Iguana iguana</i> (Linnaeus 1758)	Species split: new species <i>Iguana melanoderma</i> recognised as distinct from <i>Iguana iguana</i>	Breuil, Schikorski, Vuillaume, Krauss, Morton, Corry, Bech, Jelić, & Grandjean. 2020. Painted black: <i>Iguana melanoderma</i> (Reptilia, Squamata, Iguanidae) a new melanistic endemic species from Saba and Montserrat islands (Lesser Antilles). <i>ZooKeys</i> 926: 95–131 (2020) doi: 10.3897/zookeys.926.48679.	None: part of <i>Iguana</i> spp.	Add <i>Iguana rhinolopha</i> Breuil, Schikorski, Vuillaume, Krauss, Morton, Corry, Bech, Jelić, & Grandjean 2020	noted in AC31 WG	Preliminary discussion at AC31; see also paragraph 20 of main nomenclature document and Iguana Taxonomy WG 2022 at https://www.iucn-isg.org/wp-content/uploads/2022/05/ITWG_Checklist_2022_Supplement.pdf
Reptilia: Sauria: Iguanidae	<i>Iguana</i> spp.	II	<i>Iguana iguana</i> (Linnaeus 1758)	Species split: <i>Iguana rhinolopha</i> elevated to species rank, after earlier recognition as subspecies of <i>Iguana iguana</i> .	Breuil, Vuillaume, Schikorski, Krauss, Morton, Haynes, Daltry, Corry, Gaymes, Gaymes, Bech, Jelić & Grandjean. 2019. A story of nasal horns: two new subspecies of <i>Iguana</i> Laurenti, 1768 (Squamata, Iguanidae) in Saint Lucia, St Vincent & the Grenadines, and Grenada (southern Lesser Antilles). <i>Zootaxa</i> 4608 (2): 201–232, https://doi.org/10.11646/zootaxa.4608.2.1 .	None: part of <i>Iguana</i> spp.	Add <i>Iguana rhinolopha</i> Duméril & Bibron 1837	AC32 New item	See paragraph 20 of main nomenclature document and Iguana Taxonomy WG 2022 at https://www.iucn-isg.org/wp-content/uploads/2022/05/ITWG_Checklist_2022_Supplement.pdf
Reptilia: Sauria: Varanidae	Varanidae spp.	II/B	<i>Varanus indicus</i>	Species split: monitor lizards of the <i>Varanus indicus</i> Group in Palau and the Mariana Islands recognised as separate species: <i>V. tsukamotoi</i> in the Mariana Islands, and <i>V. bennettii</i> in Palau, the Western Carolines and Sarigan Island in the Northern Marianas	Weijola, V., Vahtera, V., Koch, A., Schmitz, A. and Kraus, F., 2020. Taxonomy of Micronesian monitors (Reptilia: Squamata: Varanus): endemic status of new species argues for caution in pursuing eradication plans. <i>Royal Society Open Science</i> , 7(5), p.200092.	None: part of <i>Varanus</i> spp.	Add <i>Varanus tsukamotoi</i> Kishida 1929 and <i>Varanus bennettii</i> Weijola, Vahtera, Koch, Schmitz & Kraus 2020	noted by AC31 WG	
Reptilia: Sauria: Varanidae	Varanidae spp.	II/B	<i>Varanus indicus</i> (Daudin, 1802)	Species split: <i>Varanus douartha</i> Lesson, 1830 considered a valid species distinct from <i>V. indicus</i>	Weijola, V., Kraus, F., Vahtera, V., Lindqvist, C. & Donnellan, S. C. 2017. Reinstatement of <i>Varanus douartha</i> Lesson, 1830 as a valid species with comments on the zoogeography of monitor lizards (Squamata: Varanidae) in the Bismarck Archipelago, Papua New Guinea. - <i>Australian Journal of Zoology</i> , doi: 10.1071/ZO16038.	None: part of <i>Varanus</i> spp.	Add <i>Varanus douartha</i> Lesson, 1830	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	

Taxonomic placement	Present situation (after CITES CoP18)			Proposed change in literature		Effect on CITES IF adopted		History	Notes
	Name in Appendices	Appendix / EU Annex	Checklist & Species+	Description of change	Citation / potential nomenclature standard reference	Changes to name in Appendices	Changes to CITES Checklist & Species+		
Reptilia: Serpentes: Boidae	<i>Acrantophis</i> spp.	I/A	<i>Acrantophis dumerilii</i> Jan 1860, <i>A. madagascariensis</i> (Duméril & Bibron 1844)	May need updating of Standard Nomenclature Reference	Pyron, R. A., R. G. Reynolds & F. T. Burbrink.2014. A Taxonomic Revision of Boas (Serpentes: Boidae). Zootaxa, 3846 (2): 249–260. http://dx.doi.org/10.11646/zootaxa.3846.2.5			noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Boidae	Boidae	I, II	N/A	May need updating of family-level nomenclature	Pyron, R. A., R. G. Reynolds & F. T. Burbrink.2014. A Taxonomic Revision of Boas (Serpentes: Boidae). Zootaxa, 3846 (2): 249–260. http://dx.doi.org/10.11646/zootaxa.3846.2.5			noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Boidae	Boidae spp.	II/B	<i>Lichanura trivirgata</i> Cope 1861	May need updating of Standard Nomenclature Reference	Pyron, R. A., R. G. Reynolds & F. T. Burbrink.2014. A Taxonomic Revision of Boas (Serpentes: Boidae). Zootaxa, 3846 (2): 249–260. http://dx.doi.org/10.11646/zootaxa.3846.2.5			noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Boidae	Boidae spp.	II/B	<i>Lichanura trivirgata</i> Cope 1861	Species split: <i>Lichanura orcutti</i> removed from synonymy of <i>L. trivirgata</i>	Reynolds, R. Graham and Robert W. Henderson 2018. Boas of the World (Superfamily Boidae): A Checklist With Systematic, Taxonomic, and Conservation Assessments. Bulletin of the Museum of Comparative Zoology Sep 2018, Vol. 162, No. 1: 1-5	None: part of Boidae spp.	Add <i>Lichanura orcutti</i> Stejneger 1889 as valid species, remove from synonymy of <i>L. trivirgata</i>	AC32 New item	
Reptilia: Serpentes: Boidae	Boidae spp.	II/B	N/A	New species: <i>Chilabothrus argentum</i> Reynolds, Puente-Rolón, Geneva, Aviles-Rodriguez & Hermann, 2016, based on genetic and morphological data	Reynolds, R. G., Puente-Rolón, A. R., Geneva, A. J., Aviles-Rodriguez, K. J. & Hermann, N. C. 2016. Discovery of a remarkable new boa from the Conception Island Bank, Bahamas. - Breviora 549 (1): 1-19 or Reynolds, R.G. and Henderson, R.W., 2018. Boas of the world (superfamily Boidae): a checklist with systematic, taxonomic, and conservation assessments. Bulletin of the Museum of Comparative Zoology, 162(1), pp.1-58.	None: part of Boidae spp.	Add <i>Chilabothrus argentum</i> Reynolds, Puente-Rolón, Geneva, Aviles-Rodriguez & Hermann, 2016	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Reptilia: Serpentes: Boidae	<i>Calabaria</i> spp.	II/B	<i>Calabaria reinhardtii</i> (Schlegel 1848)	May need updating of Standard Nomenclature Reference	Pyron, R. A., R. G. Reynolds & F. T. Burbrink.2014. A Taxonomic Revision of Boas (Serpentes: Boidae). Zootaxa, 3846 (2): 249–260. http://dx.doi.org/10.11646/zootaxa.3846.2.5			noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Boidae	<i>Sanzinia madagascariensis</i>	I/A	<i>Sanzinia madagascariensis</i>	Species split: subspecies <i>S. m. voluntary</i> elevated to species rank	Reynolds, Niemiller & Revell. 2013 "2014". Toward a Tree-of-Life for the boas and pythons: Multilocus species-level phylogeny with unprecedented taxon sampling. Molecular Phylogenetics and Evolution 71: 201–213.	App. I: add <i>Sanzinia voluntary</i>	Add <i>Sanzinia voluntary</i> Vences & Glaw 2004, remove from synonymy of <i>S. madagascariensis</i>	AC32 new item	

Taxonomic placement	Present situation (after CITES CoP18)			Proposed change in literature		Effect on CITES IF adopted		History	Notes
	Name in Appendices	Appendix / EU Annex	Checklist & Species+	Description of change	Citation / potential nomenclature standard reference	Changes to name in Appendices	Changes to CITES Checklist & Species+		
Reptilia: Serpentes: Bolyeridae	Bolyeridae	I, II		May need updating of family-level nomenclature	Hoffstetter, R. 1946. Remarques sur la classification des Ophiidiens et particulièrement des Boïdes des Mascareignes (Boyleinae subfam. nov.). Bulletin du Muséum National d'Histoire Naturelle, Serie 2, 18(1): 132-135; Porter, K. R. 1972. Herpetology. W. B. Saunders Co., Philadelphia, 524 pp; Goin, C. J., O. B. Goin & G. R. Zug. Introduction to Herpetology, Third Ed., W. H. Freeman & Co., San Francisco, 378 pp; Seigel, R. A., J. T. Collins & S. S. Novak (eds.). 1987. Snakes, ecology, and evolutionary biology. McGraw-Hill, New York, 529 pp; Pyron, R. A., Burbrink, F. T. & Wiens, J. J. 2013. A phylogeny and revised classification of Squamata, including 4161 species of lizards and snakes. BMC Evolutionary Biology, 13, 93; Pyron, R. A., R. G. Reynolds & F. T. Burbrink. 2014. A Taxonomic Revision of Boas (Serpentes: Boidae). Zootaxa, 846 (2): 249–260; Integrated Taxonomic Information System (online, USGS-Smithsonian Institution, 2020.			noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes; note 'empty' family listing in Appendices
Reptilia: Serpentes: Colubridae	<i>Xenochrophis piscator</i> , <i>X. schnurrenbergeri</i> , <i>X. tyleri</i>	III (India)	<i>Xenochrophis piscator</i> (Schneider 1799), <i>X. schnurrenbergeri</i> Kramer 1977, <i>X. tyleri</i> (Blyth 1863)	Genus split: <i>Xenochrophis</i> split into two genera, with <i>piscator</i> , <i>schnurrenbergeri</i> and <i>tyleri</i> placed in new genus <i>Fowlea</i>	Purkayastha, J., J. Kalita, R. K. Brahma, R. Doley & M. Das. 2018. A review of the relationships of <i>Xenochrophis cerasogaster</i> Cantor, 1839 (Serpentes: Colubridae) to its congeners. Zootaxa, 4514 (1): 126–136	Appendix III: change genus names of <i>piscator</i> , <i>schnurrenbergeri</i> and <i>tyleri</i> from <i>Xenochrophis</i> to <i>Fowlea</i>	Update genus assignment and list <i>Xenochrophis</i> combinations as synonyms (with corrected brackets for <i>piscator</i>)	noted in AC31 WG	Contact SA of India for input
Reptilia: Serpentes: Colubridae	<i>Cyclagras gigas</i>	II	<i>Cyclagras gigas</i> , (Duméril, Bibron & Duméril, 1854)	May need updating of genus-level nomenclature	Grazziotin, F. G., H. Zaher, R. W. Murphy, G. Scrocchi, M. A. Benavides, Y.-P. Zhang & S. L. Bonatto. 2012. Molecular phylogeny of the New World Dipsadidae (Serpentes: Colubroidea): a reappraisal. Cladistics, 1:1-23.	None. Only genus name would change to <i>Hydrodynastes</i> .	Change name to <i>Hydrodynastes gigas</i> , list <i>C. gigas</i> as synonym	noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Colubridae	<i>Elachistodon westermanni</i>	II	<i>Elachistodon westermanni</i> , Reinhardt 1863	Genus transfer: placed in <i>Boiga</i>	Mohan, A. V., A. C. Visvanathan & K. Vasudevan. 2018. Phylogeny and conservation status of the Indian egg-eater snake, <i>Elachistodon westermanni</i> Reinhardt, 1863 (Serpentes, Colubridae). Amphibia-Reptilia, 39 (3): 317–324.	App. II: Change name from <i>Elachistodon westermanni</i> to <i>Boiga westermanni</i> .	Change name to <i>Boiga westermanni</i> (Reinhardt 1863), list <i>E. westermanni</i> as synonym	noted in AC31 WG	
Reptilia: Serpentes: Colubridae	Colubridae	II, III		May need updating of family-level nomenclature				noted in AC31 WG	To be addressed as part of the revision of Higher Nomenclature for Sauria and Serpentes
Reptilia: Serpentes: Pythonidae	Pythonidae spp.	II/B	<i>Morelia viridis</i> (Schlegel 1872)	New species: resurrection of synonym to full species, as <i>Morelia azurea</i> (Meyer 1874)	Natusch, Esquerré, Lyons, Hamidy, Lemmon, Moriarty Lemmon, Riyanto, Keogh & Donnellan. 2020. Species delimitation and systematics of the green pythons (<i>Morelia viridis</i> complex) of melanesia and Australia. Molecular Phylogenetics and Evolution 142: 106640. https://doi.org/10.1016/j.ympev.2019.106640	None: part of Pythonidae spp.	Add name, transfer synonyms <i>azureus</i> and <i>pulcher</i> from <i>M. viridis</i>	AC31 Doc.37 Annex 5	

Taxonomic placement	Present situation (after CITES CoP18)			Proposed change in literature Description of change	Citation / potential nomenclature standard reference	Effect on CITES IF adopted		History	Notes
	Name in Appendices	Appendix / EU Annex	Checklist & Species+			Changes to name in Appendices	Changes to CITES Checklist & Species+		
Reptilia: Serpentes: Viperidae	<i>Crotalus durissus</i>	(III) Honduras		Split of <i>Crotalus durissus</i> in a series of cryptic species; The populations present in Honduras are currently referable to the species <i>Crotalus simus</i> .	Carbajal-Márquez, R. A., J. R. Cedeño-Vázquez, A. Martínez-Arce, E. Nerí-Castro & S. C. Machkour-M'Rabet. 2020. Accessing cryptic diversity in Neotropical rattlesnakes (Serpentes: Viperidae: <i>Crotalus</i>) with the description of two new species. <i>Zootaxa</i> , 4729 (4): 451–481.	Appendix III: change name to <i>Crotalus simus</i>	Include <i>Crotalus simus</i> as valid species; list <i>Crotalus durissus</i> as a superseded name for the population of Honduras and 'demote' its species entry	noted in AC31 WG	NS(F) notes the substantive change that would result from adoption of this, and prefers to see this handled by one or more Parties changing Appendix III listings
Reptilia: Serpentes: Viperidae	<i>Daboia russelii</i>	III (India)	<i>Daboia russelii</i>	Split of <i>D. russelii</i> into two species, based on molecular and colour pattern differences: <i>D. russelii</i> restricted to populations of Bangladesh, India, Nepal, Pakistan, and Sri Lanka, <i>D. siamensis</i> represented by populations of Cambodia, China, Indonesia, Myanmar, and Thailand.	Thorpe, R.S., Pook, C.E. & Malhotra, A. (2007). Phylogeography of the Russell's viper (<i>Daboia russelii</i>) complex in relation to variation in the colour patterns and symptoms of envenoming. <i>Herpetological Journal</i> 17: 209-218.	No editorial changes; Substantive change: Populations of China, Cambodia, Indonesia, Myanmar and Thailand no longer part of Appendix III listing	Remove <i>Daboia siamensis</i> (Smith, 1917) from synonymy of <i>D. russelii</i>	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	NS(F) notes the substantive change that would result from adoption of this, and prefers to see this handled by one or more Parties changing Appendix III listings. See also document PC26 Doc 42.1/AC32 Doc. 45.1
Reptilia: Testudines: Emydidae	<i>Graptemys</i> spp.	III (USA)	<i>Graptemys ouachitensis sabinensis</i> Cagle 1953	New species: elevation of <i>G. o. sabinensis</i> to full species rank	Lindeman 2013, TTWG 2021; but see Prschag et al 2017 <i>Zoologica Scripta</i> , 2017: 1–8, DOI: 10.1111/zsc.12249	None: part of <i>Graptemys</i> spp.	Add <i>Graptemys sabinensis</i> Cagle 1953	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	NS(F) aware of the diverging morphological and molecular patterns in <i>Graptemys</i> , and resulting different taxonomic interpretations. As an Appendix III species, probably leave alone unless and until USA expresses an intent to update.
Reptilia: Testudines: Geoemydidae	<i>Cuora</i> spp.	II*	<i>Cuora trifasciata</i> (Bell 1825)	Split of <i>Cuora trifasciata</i> into <i>C. trifasciata</i> (China) and <i>C. cyclomata</i> (Viet Nam) based on molecular and colouration characteristics	Tiedemann, R, Schneider, A.R.R., Havenstein, K., Blanck, T., Meier, E., Raffel, M., Zwartepoorte, H., & Plath, M. (2014). New microsatellite markers allow high-resolution taxon delimitation in critically endangered Asian box turtles, genus <i>Cuora</i> . <i>Salamandra</i> 50(3):139-146.	add <i>C. cyclomata</i> to the list of <i>Cuora</i> spp. subject to zero quota for wild specimens for commercial purposes	Move <i>C. cyclomata</i> (and its subspecies) from synonym under <i>C. trifasciata</i> to valid species status	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	
Amphibia: Anura: Hylidae	<i>Agalychnis</i> spp.	II/B	<i>Agalychnis callidryas</i> (Cope 1862)	Species split: <i>Agalychnis taylori</i> Funkhouser, 1957 elevated to species rank (was a subspecies of <i>A. callidryas</i>)	McCranie, J. R., J. Sunyer, and J. G. Martínez-Fonseca. 2019. Comments and updates to "Guía Ilustrada de Anfibios y Reptiles de Nicaragua" along with taxonomic and related suggestions associated with the herpetofauna of Nicaragua. <i>Revista Nicaraguense de Biodiversidad</i> 52: 1–44.	Add <i>A. taylori</i> to the species listed in brackets after ' <i>Agalychnis</i> spp.'	Add <i>Agalychnis taylori</i> Funkhouser, 1957		
Elasmobranchii: Myliobatiformes: Myliobatidae	<i>Mobula</i> spp.	II	<i>Mobula eregoodootenkee</i>	Species <i>Mobula eregoodootenkee</i> synonymized under <i>Mobula kuhlii</i>	White, W. T. and P. R. Last (2016) Pp. 706-749 [745] in Last, P. R., W. T. White, M. R. de Carvalho, B. Séret, M. F. W. Stehmann and G. J. P. Naylor (eds.) <i>Rays of the World</i> . CSIRO Publishing, Comstock Publishing Associates. i-ix + 1-790	None: part of <i>Mobula</i> spp.	List <i>Mobula eregoodootenkee</i> as synonym under <i>Mobula kuhlii</i>	CoP18 Doc99 Annex 6; AC31 Doc.37 Annex 5	

Taxonomic placement	Present situation (after CITES CoP18)			Proposed change in literature		Effect on CITES IF adopted		History	Notes
	Name in Appendices	Appendix / EU Annex	Checklist & Species+	Description of change	Citation / potential nomenclature standard reference	Changes to name in Appendices	Changes to CITES Checklist & Species+		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus histrix</i> Kaup 1856	Species split: <i>Hippocampus curvicaudus</i> Fricke, 2004 recognized as valid species, not a synonym of <i>Hippocampus histrix</i>	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus curvicaudus</i> Fricke, 2004. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=388711 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus curvicaudus</i> Fricke, 2004, remove from synonymy of <i>H. histrix</i>		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus kelloggi</i> Jordan & Snyder, 1901	Species split: <i>Hippocampus suezensis</i> Duncker, 1940 recognized as valid species, not a synonym of <i>Hippocampus kelloggi</i> Jordan & Snyder, 1901	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus suezensis</i> Duncker, 1940. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=306822 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus suezensis</i> Duncker, 1940, remove from synonymy of <i>H. kelloggi</i>		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus kuda</i> Bleeker, 1852	Species split: <i>Hippocampus borboniensis</i> Duméril 1870 recognized as valid species, not a synonym of <i>Hippocampus kuda</i> Bleeker, 1852	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus borboniensis</i> Duméril, 1870. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=212238 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus borboniensis</i> Duméril 1870, remove from synonymy of <i>H. kuda</i>		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus kuda</i> Bleeker, 1852	Species split: <i>Hippocampus fuscus</i> Rüppell, 1838 recognized as valid species, not a synonym of <i>Hippocampus kuda</i> Bleeker, 1852	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus fuscus</i> Rüppell, 1838. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=212230 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus fuscus</i> Rüppell, 1838, remove from synonymy of <i>H. kuda</i>		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus kuda</i> Bleeker, 1852	Nomenclatural correction: <i>Hippocampus kuda multiannularis</i> Bleeker, 1852: correct taxon author is Raj, 1941, not Bleeker 1852	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus kuda multiannularis</i> Raj, 1941. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=323205 on 2023-05-24	None	Correct authorship in 'Names' tab		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus kuda</i> Bleeker, 1852	Species split: <i>Hippocampus taeniopterus</i> Bleeker, 1852 - now recognized as valid species, not a synonym of <i>Hippocampus kuda</i> Bleeker, 1852. However, not accepted by the WoRMS editors	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus taeniopterus</i> Bleeker, 1852. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=306824 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus taeniopterus</i> Bleeker, 1852, remove from synonymy of <i>H. kuda</i>		Disagreement between FishBase and WoRMS about validity of taxon
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	<i>Hippocampus satomiæ</i> Lourie & Kuiter, 2008	Species split: <i>Hippocampus waleananus</i> Gomon & Kuiter, 2009 recognized as valid species, not a synonym of <i>Hippocampus satomiæ</i> Lourie & Kuiter, 2008	Froese, R. and D. Pauly. Editors. (2023). FishBase. <i>Hippocampus waleananus</i> Gomon & Kuiter, 2009. Accessed through: World Register of Marine Species at: https://www.marinespecies.org/aphia.php?p=taxdet&ails&id=398436 on 2023-05-24	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus waleananus</i> Gomon & Kuiter, 2009, remove from synonymy of <i>H. satomiæ</i>		
Actinopteri: Syngnathiformes: Syngnathidae	<i>Hippocampus</i> spp.	II/B	N/A	New species: <i>Hippocampus nalu</i> Short, Claassens, Smith, De Brauwer, Hamilton, Stat, & Harasti 2020	Short G, Claassens L, Smith R, De Brauwer M, Hamilton H, Stat M, Harasti D. 2020. <i>Hippocampus nalu</i> , a new species of pygmy seahorse from South Africa, and the first record of a pygmy seahorse from the Indian Ocean (Teleostei, Syngnathidae). ZooKeys 934: 141-156. Doi: 10.3897/zookeys.934.50924	None: part of <i>Hippocampus</i> spp.	Add <i>Hippocampus nalu</i> Short, Claassens, Smith, De Brauwer, Hamilton, Stat, & Harasti 2020		