CONVENTION SUR LE COMMERCE INTERNATIONAL DES ESPECES
DE FAUNE ET DE FLORE SAUVAGES MENACEES D'EXTINCTION

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Vingt-septième session du Comité pour les animaux
Veracruz (Mexique), 28 avril – 3 mai 2014

Interprétation et application de la Convention

Commerce d'espèces et conservation

NOMENCLATURE NORMALISÉE [RÉSOLUTION CONF. 12.11 (REV. COP16)]

1. Le présent document a été préparé par la spécialiste de la nomenclature zoologique[1].

Tâches relatives à la nomenclature confiées au Comité pour les animaux à la CoP16

2. Taxonomie des *Hippocampus*

Lors de la CoP16, l'Australie a demandé la reconnaissance de certaines espèces d'*Hippocampus*. Comme cette demande intervenait après l'adoption de l'Annexe 6 (Rev.1) du document CoP16 Doc 43.1 (Rev.1), on a décidé de reporter la discussion à ce sujet à la prochaine session du Comité pour les animaux. La spécialiste de la nomenclature zoologique a communiqué avec l'Australie pour clarifier cette question. L'Australie demande à ce que les espèces suivantes soient reconnues comme étant valides au regard de la CITES en se fondant sur les travaux de Kuiter, R.H. (2001): Revision of the Australian seahorses of the genus Hippocampus (Syngnathiformes: Syngnathidae) with a description of nine new species - Records of the Australian Museum, 53: 293-340.

Hippocampus bleekeri FOWLER, 1907 – espèce détachée d'*Hippocampus abdominalis* LESSON, 1827
Hippocampus dahli OGILBY, 1908 – espèce détachée d'*Hippocampus trimaculatus* LEACH, 1814
Hippocampus elongatus CASTELNAU, 1873 – espèce à remplacerpar l'espèce d'*H. subelongatus* CASTELNAU, 1873
Hippocampus kampylotrachelos BLEEKER, 1854 – espèce détachée d'*Hippocampus trimaculatus* LEACH, 1814
Hippocampus planifrons PETERS, 1877 – espèce détachée d'*Hippocampus kuda* BLEEKER, 1852
Hippocampus taeniopterus BLEEKER, 1852 – espèce détachée d'*Hippocampus kuda* BLEEKER, 1852
Hippocampus tristis CASTELNAU, 1872 – espèce détachée d'*Hippocampus kuda* BLEEKER, 1852
Hippocampus tuberculatus CASTELNAU, 1875 – espèce détachée d'*Hippocampus breviceps* PETERS, 1869

Les espèces *H. bleekeri, H. dahli, H. planifrons, H. tristis* et *H. tuberculatus* sont endémiques des eaux australiennes; l'espèce *H. taeniopterus* est une espèce du Pacifique occidental et l'espèce *H. kampylotrachelos* est présente dans le sud de l'Indonésie (selon le Catalogue des espèces de poissons d'ESCHMEYER & FRICKE, 2014 ; voir ci-dessous).

À l'exception du remplacement de l'espèce *H. elongatus* par l'espèce *H. subelongatus*, tous les taxons sont acceptés actuellement comme étant valides dans le Catalogue des espèces de poissons d'ESCHMEYER, W.N. et FRICKE, R. (rédacteurs), une base de données de référence en ligne

[1] *Les appellations géographiques employées dans ce document n'impliquent de la part du Secrétariat CITES ou du Programme des Nations Unies pour l'environnement aucune prise de position quant au statut juridique des pays, territoires ou zones, ni quant à leurs frontières ou limites. La responsabilité du contenu du document incombe exclusivement à son auteur.*

(http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/research/Ichthyology/catalog/fishcatmain.asp, version téléchargée le 17 février 2014).

Si son adoption est recommandée, la liste des références de nomenclature normalisée pour le genre *Hippocampus* devra être modifiée, conformément à ce qui est précisé dans l'Annexe 1 du présent document. Des extraits du Catalogue des espèces de poissons pour ces espèces ont aussi été inclus à titre d'information de fond dans l'Annexe 1.

3. Références de nomenclature pour les coraux

La décision 15.64 (a)) requiert que le Comité pour les animaux « détermine quels matériels de référence sur les coraux peuvent être adoptés comme références de nomenclature standard pour les coraux inscrits aux annexes CITES ». Comme il était impossible d'identifier ces références durant la période qui a séparé la CoP 15 de la CoP 16, la liste des espèces de coraux fournie par le Centre mondial de surveillance de la conservation de la nature (WCMC) a été adoptée à la CoP 16 comme une solution provisoire, laissant cette tâche inachevée.

Autres questions liées à la nomenclature

4. Disposition des références de nomenclature dans la Res. Conf. 12.11 (rev. CP16)

Au cours des dix dernières années, le nombre de publications adoptées pour définir la nomenclature des différents groupes d'animaux a grandement augmenté. Il est devenu relativement difficile de déterminer l'ouvrage de référence pour des groupes distincts comme les Cetacea, les Primates, les Iguanidae, les Boidae, les Elapidae ou les Trionychidae. L'adoption de nouvelles listes globales pour les taxons supérieurs, comme les oiseaux ou les Testudines, ne fait que régler le problème à court terme et de façon provisoire. L'Annexe 2 présente une disposition différente des références sur la faune présentées dans l'annexe de la Res. Conf. 12.11 (Rev. CoP16), qui est recommandée par la spécialiste de la nomenclature pour faciliter l'utilisation de cette source d'information à l'avenir.

5. Références de nomenclature pour les espèces dont l'inscription aux Annexes CITES est recommandée, mais qui ne sont pas couvertes par les références de nomenclature présentées dans la Rés. Conf. 12.11

Tandis que l'inscription de nouvelles espèces aux Annexes CITES est recommandée, il arrive souvent que les taxons respectifs ne soient pas couverts par les références présentées dans la Rés. Conf. 12.11 (voir les nouvelles espèces de requins et le genre *Hoplodactylus* qui ont été inscrits à l'Annexe II à la CoP16).

Ce problème va empirer à l'avenir, car de plus en plus de listes de taxons couvrant les taxons supérieurs, comme les classes Mammalia, Aves, Reptilia, Amphibia ou diverses classes de poissons (couvrant toutes les espèces du monde et non pas seulement celles inscrites aux annexes de la CITES) ne seront plus diffusées sous la forme de publications distinctes, mais seront consignées dans des bases de données accessibles en ligne et constamment mises à jour. Toutefois, la CITES demande à ce que la nomenclature utilisée dans le cadre de cette convention soit aussi stable que possible. Par conséquent, de plus en plus d'extraits de ces bases de données en ligne seront téléchargés à une date précise, comme c'est déjà le cas pour les espèces d'amphibiens, de poissons et d'araignées, et serviront de listes de taxons pour la nomenclature utilisée dans le cadre de la CITES. Bien entendu, il ne s'agira que des espèces inscrites aux annexes CITES jusqu'à présent.

La section C.1.4. de l'annexe 6 de la Résolution 9.24 comprend une recommandation sur la taxonomie et la nomenclature des taxons dont l'inscription aux annexes est recommandée. Toutefois, la Partie qui recommande l'inscription ne formule généralement pas de demande officielle pour l'adoption de références de nomenclature normalisée, dans l'éventualité où les nouveaux taxons ne sont pas couverts par des références normalisées déjà adoptées. Il est donc recommandé de reformuler le texte actuel :

« Si l'espèce figure dans l'une des listes normalisées de noms ou dans l'un des ouvrages normalisés de référence taxonomique adoptés par la Conférence des Parties, le nom fourni par cette liste ou ouvrage devrait être utilisé. Si elle ne figure pas dans un des ouvrages normalisés de référence adoptés, l'auteur devrait citer ses sources. »

Le texte reformulé devrait préciser que l'auteur de la proposition est tenu de proposer une référence de nomenclature normalisée à inclure à l'Annexe 6 de la Résolution 12.11 pour le taxon proposé, si celle-ci n'y figure pas actuellement. Le Comité pour les animaux pourrait envisager de rédiger le texte comme

suit : « ... l'auteur de la proposition est tenu de fournir de l'information sur la taxonomie, comme la source du nom utilisé, et de proposer une nouvelle référence de nomenclature normalisée à inclure à l'annexe de la résolution 12.11, le cas échéant ».

6. Espèce *Bradypus pygmaeus*

À la fin 2013, on a remarqué que les animaux connus sous le nom de *Bradypus pygmaeus* avaient été inscrits à l'Annexe II par la Conférence des Parties sous le nom de *Bradypus variegatus* et qu'on avait omis d'inscrire l'espèce *Bradypus pygmaeus* aux annexes CITES. Par conséquent, le Secrétariat a corrigé les annexes CITES sur le site Web de la CITES pour y inclure l'espèce *Bradypus pygmaeus*. Pour en savoir plus, consultez la notification CITES n° 2013/052.

7. Modifications apportées aux taxons des espèces de non-passereaux dans la dernière version de la référence de nomenclature de base pour les oiseaux

Une nouvelle version du premier volume sur les non-passereaux, *The Howard and Moore Complete Checklist of the Birds of the World*, a été publiée en 2013. La Commission européenne a demandé au Centre mondial de surveillance de la conservation de la nature (WCMC) d'identifier les modifications qui seraient apportées à la nomenclature des espèces d'oiseaux couvertes par la CITES et les règlements européens appuyant l'application de la CITES au sein des États membres de l'Union européenne. Le rapport figure à l'annexe 3.

8. Espèce *Nilssonia leithii* (Gray, 1872)

À la CoP16, la publication de PRASCHAG & coll. (2007)[2] a été adoptée comme nouvelle référence de nomenclature normalisée pour les espèces *Nilssonia gangeticus*, *N. hurum* et *N. nigricans*, qui étaient auparavant placées dans le genre *Aspideretes*. Cette publication place également l'ancienne espèce d'*Aspideretes leithii* dans le genre *Nilssonia* qui a été oublié au moment de modifier la référence de nomenclature normalisée pour le taxon *Aspideretes* à l'occasion de la CoP16.

9. Liste taxonomique pour toutes les espèces de Chamaeleonidae et le genre *Phelsuma*

Il y a de plus en plus de références de nomenclature normalisée pour les espèces de caméléons ainsi que pour les espèces du genre *Phelsuma* (pour les caméléons, il existe actuellement 32 références de nomenclature normalisée distinctes) et il est devenu difficile d'en faire le suivi. Par conséquent, l'autorité scientifique de l'Allemagne a demandé à Frank GLAW de dresser la liste taxonomique de toutes les espèces de la famille des Chamaeleonidae ainsi que du genre *Phelsuma*. Cette liste comprendra toutes les espèces et toutes les modifications taxonomiques pour ces taxons, publiées jusqu'en juillet 2014. Il est prévu de publier la liste dans le premier volume de *Vertebrate Zoology* en 2015. Jusqu' à présent, 11 genres de caméléons, dont 198 espèces et 52 espèces de *Phelsuma*, ont été identifiés pour être inclus à la liste (voir l'Annexe 4). Cette liste constituera la principale référence de nomenclature mondiale pour les chéloniens et inclura toutes les espèces et les sous-espèces, ainsi que leurs principaux synonymes et la répartition des espèces concernées.

10. Autres modifications à apporter à la nomenclature des espèces de reptiles

La Commission européenne a aussi demandé à WCMC d'identifier les évolutions récentes qui doivent être consignées dans la nomenclature des espèces de reptiles (à l'exclusion des caméléons et des espèces de *Phelsuma*) couvertes par la CITES et les règlements européens appuyant l'application de la CITES au sein des États membres de l'Union européenne. Le rapport figure à l'annexe 5.

11. Espèce d'amphibiens dont l'inscription aux annexes CITES a été adoptée par les Parties, mais qui ne figure pas dans la liste taxonomique actuelle pour les amphibiens adoptée comme référence de nomenclature normalisée pour les espèces d'amphibiens

À la CoP16, des modifications ont été apportées à la taxonomie des amphibiens et une nomenclature à jour a donc été adoptée. Malheureusement, on a omis d'ajouter deux espèces (*Altiphrynoides malcolmi* et *Hyloxalus azureiventris*) à l'extrait tiré de la base de données en ligne « Amphibian Species of the World » qui sert maintenant de liste taxonomique pour les espèces d'amphibiens inscrites aux annexes CITES

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[2] *PRASCHAG, P., HUNDSDÖRFER, A.K., REZA, A.H.M.A. & FRITZ, U. (2007): Genetic evidence for wild-living Aspideretes nigricans and a molecular phylogeny of South Asian softshell turtles (Reptilia: Trionychidae:* Aspideretes, Nilssonia*). - Zoologica Scripta, **36**:301-310.*

(voir Res. Conf.12.11). L'information manquante pour ces deux espèces a été ajoutée à l'Annexe 6, d'après la version en ligne actuelle de la base de données mentionnée, et de l'information sur l'espèce d'*Hynobius amjiensis* inscrite à l'Annexe III par la Chine le 12 juin 2013 a aussi été ajoutée.

12. Ajout des espèces *Sphyrna gilberti* et *Scleropages inscriptus* et autres ajouts nécessaires à la liste taxonomique pour toutes les espèces de requins et de poissons inscrites aux annexes CITES

L'espèce *Sphyrna gilberti* QUATTRO, DRIGGERS III, GRADY, ULRICH & ROBERTS, 2013[3] a été décrite en 2013 comme étant une nouvelle espèce du genre *Sphyrna*. La désignation de cette espèce repose sur 54 spécimens recueillis dans les eaux littorales de la Caroline du Sud, aux États-Unis. D'un point de vue morphologique, l'espèce *S. gilberti* se distingue de l'espèce *S. lewini* (GRIFFITH & SMITH, 1834) uniquement par quelques vertèbres précaudales. Compte tenu de la rareté des spécimens et du fort comportement migratoire de la plupart des requins-marteaux, l'aire de répartition de l'espèce *S. gilberti* reste méconnue.

Si l'on tient compte du fait que l'aire de répartition de certains spécimens de *S. gilberti* attrapés se trouve dans celle de l'espèce *S. lewini* et du fait qu'il y a une ressemblance entre l'espèce *S. lewini* et l'espèce *S. gilberti*, qui se distinguent uniquement par leurs caractéristiques morphologiques internes, cela signifie que nombre de spécimens identifiés jusqu'à présent comme étant des *S. lewini* peuvent en fait appartenir à l'espèce *S. gilberti*. La spécialiste de la nomenclature du Comité des animaux considère que l'espèce *S. gilberti* est couverte par l'inscription actuelle de l'espèce *S. lewini* à l'Annexe II de la CITES.

En 2012, le Secrétariat CITES a diffusé aux Parties la notification 2012/43 les informant de la publication d'une nouvelle espèce de *Scleropages*, la *Scleropages inscriptus* ROBERTS, 2012, et de sa place dans les annexes CITES. Compte tenu de l'information fournie pour l'inscription de l'espèce *Scleropages formosus* initialement proposée et de l'information fournie dans la publication qui décrit la nouvelle espèce *Scleropages inscriptus*[4], il semble évident que l'espèce *Scleropages inscriptus* doit être considérée comme étant couverte par l'inscription actuelle de *Scleropages formosus* dans l'Annexe I.

ROBERTS (2012) explique que l'espèce *Scleropages inscriptus* a une étroite relation avec l'espèce *S. formosus* et qu'il est facile de distinguer ces deux taxons grâce à leurs différents motifs de couleur, car l'espèce *S. inscriptus* a un motif ressemblant à un labyrinthe : « Cette espèce se distingue des deux espèces australiennes du sous-genre *Scleropages* par ses caractéristiques méristiques et morphométriques tout en ressemblant étroitement à sa congénère d'Asie du Sud-Est, l'espèce *S. formosus* du sous-genre *Delsmania* » (page 115, [Notre traduction]). « Ainsi, la grande différence des motifs de couleurs de l'espèce *S. inscriptus* montre bien qu'il ne s'agit pas de la même espèce que la *S. formosus* » (page 117, [Notre traduction]). Il est donc recommandé d'accepter l'espèce *S. inscriptus* comme une espèce valide faisant partie de la précédente espèce *S. formosus* inscrite et de l'inscrire à l'Annexe I à la prochaine CoP.

À la CoP 16, plusieurs espèces de requins ont été inscrites à l'Annexe II de la CITES. Ces espèces font naturellement défaut à la liste des poissons (CoP16 Doc 43.1, annexe 2) adoptée comme principale référence de nomenclature normalisée pour les espèces de poissons. De plus, l'espèce *Neoceratodus forsteri* ainsi que le genre *Laterimeria* étaient aussi absents de la liste jusqu'à présent.

L'annexe 7 comprend l'information manquante sur la taxonomie extraite de la base de données en ligne Catalogue des espèces de poissons de ESCHMEYER et de FRICKE pour toutes les espèces de poissons mentionnées.

<u>Harmonisation de la nomenclature avec les autres accords environnementaux multilatéraux liés à la biodiversité</u>

Cette section a été préparée par le Secrétariat de la CITES.

13. Dans la Résolution Conf. 12.11 (Rev. CoP16) sur la nomenclature normalisée, on a reconnu qu'il était souhaitable d'harmoniser, dans la mesure du possible, la nomenclature des espèces utilisée par les accords environnementaux multilatéraux liés à la biodiversité et on a requis que le Secrétariat appuie cette harmonisation en étroite collaboration avec les spécialistes de la nomenclature du Comité pour les plantes

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[3] *QUATTRO, J.M., DRIGGERS III, W.B., GRADY, J.M., ULRICH, G.F. & ROBERTS, M.A. (2013):*Sphyrna gilberti*, sp. nov., a new hammerhead shark (Carcharhiniformes, Sphyrnidae) from the western Atlantic Ocean. -- Zootaxa, **3702***(2): 159-178.*

[4] *ROBERTS, T.R. (2012):* Scleropages inscriptus*, a new fish species from the Tanathayi or Tenasserim River basin, Malay Peninsula of Myanmar (Osteoglossidae: Osteroglossiformes). -- aqua, International Journal of Ichthyology, vol. 18 (2): 113-118.*

et du Comité pour les animaux. Cet objectif a été soutenu par les présidents des organes consultatifs scientifiques des Conventions relatives à la biodiversité (CSAB) à l'occasion de leur deuxième réunion (Bonn, mai 2008).

14. Le principal accord environnemental multilatéral relatif aux espèces est la Convention sur la conservation des espèces migratrices appartenant à la faune sauvage (CMS). Ces dernières années, grâce à un processus d'adaptations mutuelles, la CITES et la CMS ont presque réussi à harmoniser complètement la nomenclature utilisée pour la classe Mammalia.

15. Comme on l'a expliqué à la 26e session du Comité pour les animaux dans le document AC26 Doc. 20, on a demandé lors de la 10e session de la Conférence des Parties à la CMS (Bergen, novembre 2011) que le président du conseil scientifique du CMS coopère avec les CSAB et d'autres conventions afin d'évaluer l'adoption possible par les Parties de la CMS d'une seule et même nomenclature et taxonomie pour les oiseaux à adopter à l'occasion de la CoP11 de la CMS fin 2014.

16. Dans le cadre de cette instruction, la CMS a convoqué une réunion *ad hoc* sur l'harmonisation de la taxonomie ornithologique qui s'est tenue à Formia (Italie) le 8 octobre 2013. Le Secrétariat a participé à cette réunion. À la période où nous écrivons (février 2014), le rapport final de cette réunion n'est pas disponible, mais il devrait l'être d'ici la présente session.

17. À la réunion, la CMS et les représentants des accords associés présents se sont entendus pour dire qu'il y avait un intérêt à suivre la nomenclature utilisée dans la liste rouge des espèces menacées de l'UICN, car bon nombre d'instruments actuels de la CMS avaient des liens directs avec cette liste. Pour ce qui est des oiseaux, la liste rouge des espèces menacées de l'UICN utilise la liste de vérification de BirdLife qui contient des données taxonomiques et des renseignements sur la situation de conservation sur les espèces d'oiseaux à l'échelle planétaire (*The BirdLife checklist of the birds of the world, with conservation status and taxonomic sources*) et qui est mise à jour par le groupe de travail sur la taxonomie de BirdLife.

18. La version actuelle de la liste de vérification de BirdLife est la version 6 de novembre 2013 (http://www.birdlife.org/datazone/userfiles/file/Species/Taxonomy/BirdLife_Checklist_Version_6.zip)

19. BirdLife International a l'intention de publier dans sa liste un volume sur les non-passereaux en août 2014 et un volume sur les passereaux en 2016. (http://www.lynxeds.com/product/hbw-and-birdlife-international-illustrated-checklist-birds-world). BirdLife International a bien voulu comparer les Annexes CITES actuelles avec le projet de liste actuel des espèces qui figureront dans la liste des non-passereaux, qui sera publiée plus tard en 2014. Les différences relevées figurent dans l'annexe 8 du présent document.

Recommandations pour le travail du groupe de travail sur la nomenclature à la AC 26

20. Nous suggérons :

- de formuler des recommandations sur toutes les modifications apportées à la nomenclature qui sont identifiées dans le présent document aux points 2, 7 à 8 et 10 à 12;

- de formuler des recommandations quant aux suggestions présentées par la spécialiste de la nomenclature aux points 4 et 5;

- de formuler une recommandation sur la façon de traiter la demande des Parties présentée dans la décision 15.64(a) au point 3; et

- de tenir compte des éléments présentés aux points 13 à 19 et d'y répondre, au besoin.

1. List of standard reference for the nomenclature of *Hippocampus* species in case the request of Australia will be recommended

LOURIE, S. A., VINCENT, A. C. J. & HALL, H. J. (1999): *Seahorses. An identification guide to the world's species and their conservation*. Project Seahorse (ISBN 0 9534693 0 1) (Second edition available on CD-ROM). [for *Hippocampus* with the exception of the species mentioned below]

FOSTER, R. & GOMON, M. F. (2010): **A new seahorse (Teleostei: Syngnathidae: *Hippocampus*) from south-western Australia. – Zootaxa, 2613: 61-68. [for *Hippocampus paradoxus*]**

GOMON, M. F. & KUITER, R. H. (2009): Two new pygmy seahorses (Teleostei: Syngnathidae: *Hippocampus*) from the Indo-West Pacific. -- Aqua, Int. J. of Ichthyology, 15(1): 37-44. [for *Hippocampus debelius, Hippocampus waleanus*]

HORNE, M. L. (2001): A new seahorse species (Syngnathidae: *Hippocampus*) from the Great Barrier Reef – Records of the Australian Museum, 53: 243-246. [for *Hippocampus queenslandicus*]

KUITER, R. H. (2001): Revision of the Australian seahorses of the genus *Hippocampus* (Syngnathiformes: Syngnathidae) with a description of nine new species – Records of the Australian Museum, 53: 293-340. [for *Hippocampus alatus, H. biocellatus, H. bleekeri, H. dahli, H. elongatus*[5]*, H. grandiceps, H. hendriki, H. jugumus, H. kampylotrachelos, H. montebelloensis, H. multispinus, H. planifrons, H. procerus, H. semispinosus, H. taeniopterus, H. tristis, H. tuberculatus*]

KUITER, R. H. (2003): A new pygmy seahorse (Pisces: Syngnathidae: *Hippocampus*) from Lord Howe Island – Records of the Australian Museum, 55: 113-116. [for *Hippocampus colemani*]

LOURIE, S. A. & KUITER, R. H. (2008 : Three new pygmy seahorse species from Indonesia (Teleostei: Syngnathidae: *Hippocampus*). – Zootaxa, **1963**: 54-68. [for *Hippocampus pontohi, Hippocampus satomiae, Hippocampus severnsi*]

LOURIE, S. A. & RANDALL, J. E. (2003): A new pygmy seahorse, *Hippocampus denise* (Teleostei: Syngnathidae), from the Indo-Pacific – Zoological Studies, 42: 284-291. [for *Hippocampus denise*]

PIACENTINO, G. L. M. AND LUZZATTO, D. C. (2004): *Hippocampus patagonicus* sp. nov., new seahorse from Argentina (Pisces, Syngnathiformes). -- Revista del Museo Argentino de Ciencias Naturales, 6(2): 339-349. [for *Hippocampus patagonicus*]

RANDALL, J. & LOURIE, S. A. (2009: *Hippocampus tyro*, a new seahorse (Gasterosteiformes: Syngnathidae) from the Seychelles. – Smithiana Bulletin, **10**: 19-21. [for *Hippocampus tyro*]

[5] *Reinstating* Hippocampus elongatus *for* Hippocampus subelongatus.

2. Extract for the Australian species from

"Catalogue of Fishes "
by ESCHMEYER, W.N. & FRICKE, R. (eds.): Catalog of Fishes, an online reference

(http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/research/ Ichthyology/catalog/fishcatmain.asp), version downloaded 2014-02-17).

Hippocampus bleekeri **FOWLER, 1907**

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agnesae*, *Hippocampus Fowler [H. W.] 1907:429, Fig. 5 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 59; ref. 1377] Victoria, Australia. Holotype: ANSP 33123. Paratypes: ANSP 33162 (1, in jar with holotype). Type catalog: Böhlke 1984:158 [ref. 13621]. •Synonym of *Hippocampus abdominalis* Lesson 1827 -- (Paxton et al. 1989:421 [ref. 12442], Gomon et al. 1994:448 [ref. 22532], Lourie et al. 1999:69 [ref. 23993]). •Synonym of *Hippocampus bleekeri* Fowler 1907 -- (Kuiter 2001:323 [ref. 25900], Paxton et al. 2006:826 [ref. 29073], Kuiter 2009:54 [ref. 30404]). **Current status:** Synonym of *Hippocampus bleekeri* Fowler 1907. Syngnathidae: Hippocampinae. Habitat: marine.

bleekeri*, *Hippocampus Fowler [H. W.] 1907:426, Fig. 4 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 59; ref. 1377] Victoria, Australia. Holotype: ANSP 33122 (in 2 pieces). Paratypes: ANSP 33184-87 (6, 1 with head missing, in jar with holotype). Type catalog: Böhlke 1984:159 [ref. 13621]. •Synonym of *Hippocampus abdominalis* Lesson 1827 -- (Paxton et al. 1989:421 [ref. 12442], Gomon et al. 1994:448 [ref. 22532], Lourie et al. 1999:69 [ref. 23993]). •Valid as *Hippocampus bleekeri* Fowler 1907 -- (Kuiter 2001:323 [ref. 25900], Paxton et al. 2006:826 [ref. 29073] dated 1908, Kuiter 2008:454 [ref. 30642], Kuiter 2009:54 [ref. 30404]). **Current status:** Valid as *Hippocampus bleekeri* Fowler 1907. Syngnathidae: Hippocampinae. Distribution: Southeastern Australia: Victoria, Tasmania and South Australia. Habitat: marine.

graciliformis*, *Hippocampus McCulloch [A. R.] 1911:29, Pl. 6 (fig. 2) [Biological Results Endeavour [v. 1] (pt 1); ref. 2936] Near Bass Strait, Australia. Holotype (unique): AMS E.429. •Synonym of *Hippocampus abdominalis* Lesson 1827 -- (Paxton et al. 1989:421 [ref. 12442], Gomon et al. 1994:448 [ref. 22532], Lourie et al. 1999:69 [ref. 23993]). •Synonym of *Hippocampus bleekeri* Fowler 1907 -- (Kuiter 2001:323 [ref. 25900], Paxton et al. 2006:826 [ref. 29073], Kuiter 2009:18 [ref. 30404]). **Current status:** Synonym of *Hippocampus bleekeri* Fowler 1907. Syngnathidae: Hippocampinae. Habitat: marine.

Hippocampus dahli **OGILBY, 1908**

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dahli*, *Hippocampus Ogilby [J. D.] 1908:17 [Annals of the Queensland Museum No. 9 (pt 1); ref. 3285] Moreton Bay, Noosa, southern Queensland, Australia. Holotype: QM I.788. Paratypes: QM (missing). •Synonym of *Hippocampus planifrons* Peters 1877. •Synonym of *Hippocampus trimaculatus* Leach 1814 -- (Lourie et al. 1999:125 [ref. 23993]). •Valid as *Hippocampus dahli* Ogilby 1908 -- (Kuiter 2001:308 [ref. 25900], Horne 2001:245 [ref. 25696], Paxton et al. 2006:826 [ref. 29073], Kuiter 2009:124 [ref. 30404], Larson et al. 2013:77 [ref. 32988]). **Current status:** Valid as *Hippocampus dahli* Ogilby 1908. Syngnathidae: Hippocampinae. Distribution: Northern and eastern Australia. Habitat: marine.

lenis*, *Hippocampus De Vis [C. W.] 1908 Not available, name only. From Kuiter 2001:308, 309 [ref. 25900]; unpublished museum name, based on specimen label of QM I.788, which later became the holotype of

Hippocampus dahli Ogilby 1908. •In the synonymy of *Hippocampus dahli* Ogilby 1908 -- (Kuiter 2009:18 [ref. 30404]). **Current status:** Synonym of *Hippocampus dahli* Ogilby 1908. Syngnathidae: Hippocampinae.

***Hippocampus subelongatus* CASTELNAU, 1873**

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elongatus*, *Hippocampus Castelnau [F. L.] 1873:144 [Proceedings of the Zoological and Acclimatisation Society of Victoria, Melbourne v. 2; ref. 758] Fremantle, Western Australia. Holotype (unique): MNHN A-4536. Kuiter's 2001:330 [ref. 25900] reasons for reversing the selection of *subelongatus* over *elongatus* by Lourie et al. 1999 is not supported by the Code. See Kuiter 2001:330 [ref. 25900] for discussion of type. •Synonym of *Hippocampus angustus* Günther 1870 -- (Paxton et al. 1989:421 [ref. 12442]). •Synonym of *Hippocampus subelongatus* Castelnau 1873 -- (Lourie et al. 1999:123 [ref. 23993], Paxton et al. 2006:828 [ref. 29073], Kuiter 2009:94 [ref. 30404]). •Wrongly valid as *Hippocampus elongatus* Castelanu 1873 -- (Kuiter 2001:330 [ref. 25900]). **Current status:** Synonym of *Hippocampus subelongatus* Castelnau 1873. Syngnathidae: Hippocampinae. Habitat: marine.

subelongatus*, *Hippocampus Castelnau [F. L.] 1873:145 [Proceedings of the Zoological and Acclimatisation Society of Victoria, Melbourne v. 2; ref. 758] Fremantle, Western Australia. Holotype (unique): MNHN A-4535. Type catalog: Bertin & Estève 1950:53 [ref. 19576]. None of the reasons cited by Kuiter 2001:330 [ref. 25900] to change the subsequent selection of Lourie et al. 1999, selecting *subelongatus* over *elongatus* are valid; Kuiter's reasons are not supported by the Code -- there is no such thing as page preference for example, or because *subelongatus* is a derivative of elongatus. Type follows discussion in Kuiter 2001:330 [ref. 25900]. •Valid as *Hippocampus subelongatus* Castelnau 1873 -- (Lourie et al. 1999:123 [ref. 23993], Paxton et al. 2006:828 [ref. 29073], Kuiter 2009:94 [ref. 30404]). •Wrongly as a synonym of *Hippocampus elongatus* Castelnau 1873 -- (Kuiter 2001:330 [ref. 25900]). **Current status:** Valid as *Hippocampus subelongatus* Castelnau 1873. Syngnathidae: Hippocampinae. Distribution: Australia: Western Australia. Habitat: marine.

***Hippocampus kampylotrachelos* BLEEKER, 1854**

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kampylotrachelos*, *Hippocampus Bleeker [P.] 1854:107 [Natuurkundig Tijdschrift voor Nederlandsch Indië v. 7; ref. 16939] Priaman, Sumatra, Indonesia. Holotype (unique): RMNH 7257. •Synonym of *Hippocampus trimaculatus* Leach 1814 -- (Lourie et al. 1999:125 [ref. 23993]). •Valid as *Hippocampus kampylotrachelos* Bleeker 1854 -- (Kuiter 2001:307 [ref. 25900], Allen & Adrim 2003:28 [ref. 26830], Paxton et al. 2006:827 [ref. 29073], Kuiter 2009:122 [ref. 30404]). **Current status:** Valid as *Hippocampus kampylotrachelos* Bleeker 1854. Syngnathidae: Hippocampinae. Distribution: Southern Indonesia. Habitat: marine.

***Hippocampus planifrons* PETERS, 1877**

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planifrons*, *Hippocampus Peters [W. (C. H.)] 1877:851 [Monatsberichte der Königlichen Preuss[ischen] Akademie der Wissenschaften zu Berlin 1876; ref. 3454] "Naturalists Channel", northwestern Australia, depth 10 fathoms. Holotype (unique): ZMB 9387. •Questionably a synonym of *Hippocampus trimaculatus* Leach 1814 -- (Lourie et al. 1999:171 [ref. 23993]). •Valid as *Hippocampus planifrons* Peters 1877 -- (Paxton et al. 1989:422 [ref. 12442], Larson & Williams 1997:352 [ref. 23967], Francis 1993:159 [ref. 25479], Paulus 1999:2269 [ref. 24794], Johnson 1999:726 [ref. 25471], Kuiter 2001:310 [ref. 25900], Hutchins 2001:27 [ref. 25847], Paxton et al. 2006:827 [ref. 29073], Kuiter 2009:126 [ref. 30404]). **Current status:** Valid as *Hippocampus planifrons* Peters 1877. Syngnathidae: Hippocampinae. Distribution: Western Australia, Australia: Shark Bay to Exmouth. Habitat: marine.

***Hippocampus taeniopterus* BLEEKER, 1852**

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melanospilos*, *Hippocampus Bleeker [P.] 1854:505 [Natuurkundig Tijdschrift voor Nederlandsch Indië v. 6; ref. 344] Ambon Island, Molucca Islands, Indonesia. Holotype (unique): RMNH 5165 (1 of 4). Bleeker specimens: BMNH 1867.11.28.362 (1), RMNH 5165 (3 of 4). •Synonym of *Hippocampus kuda* Bleeker 1852 -- (Lourie et al. 1999:109 [ref. 23993]). •Synonym of *Hippocampus taeniopterus* Bleeker 1852 -- (Kuiter 2001:314 [ref. 25900], Kuiter 2009:112 [ref. 30404]). **Current status:** Synonym of *Hippocampus taeniopterus* Bleeker 1852. Syngnathidae: Hippocampinae. Habitat: brackish, marine.

novaehebudorum*, *Hippocampus Fowler [H. W.] 1944:162, Fig. 12 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 96; ref. 1451] Vanuatu. Holotype (unique): ANSP 71352. Type catalog: Böhlke 1984:159 [ref. 13621]. Originally as *novae-hebudorum*. •Synonym of *Hippocampus kuda* Bleeker 1852 -- (Lourie et al. 1999:109 [ref. 23993]). •Synonym of *Hippocampus taeniopterus* Bleeker 1852 -- (Kuiter 2009:19 [ref. 30404]). **Current status:** Synonym of *Hippocampus taeniopterus* Bleeker 1852. Syngnathidae: Hippocampinae. Habitat: brackish, marine.

taeniopterus*, *Hippocampus Bleeker [P.] 1852:306 [Natuurkundig Tijdschrift voor Nederlandsch Indië v. 3; ref. 16825] Ambon Island, Molucca Islands, Indonesia. Syntypes: (3) whereabouts unknown. •Synonym of *Hippocampus kuda* Bleeker 1852 -- (Lourie et al. 1999:109 [ref. 23993]). •Valid as *Hippocampus taeniopterus* Bleeker 1852 -- (Horne 2001:245 [ref. 25696], Kuiter 2001:314 [ref. 25900], Allen & Adrim 2003:28 [ref. 26830], Fricke 2004:42 [ref. 28269], Paxton et al. 2006:828 [ref. 29073], Kuiter 2009:112 [ref. 30404], Fricke et al. 2011:376 [ref. 31242], Allen & Erdmann 2012:206 [ref. 31980], Larson et al. 2013:77 [ref. 32988]). **Current status:** Valid as *Hippocampus taeniopterus* Bleeker 1852. Syngnathidae: Hippocampinae. Distribution: Western Pacific: Indonesia, Papua New Guinea and to Fiji, south to Austalia and New Caledonia. Habitat: brackish, marine.

***Hippocampus tristis* CASTELNAU, 1872**

---------- *tristis*, ***Hippocampus*** Castelnau [F. L.] 1872:197 [Proceedings of the Zoological and Acclimatisation Society of Victoria, Melbourne v. 1; ref. 757] Melbourne market, Victoria, Australia. Syntypes: MNHN A-4537 and 4538 (2). Type catalog: Bertin & Estève 1950:53 [ref. 19576]. •Probably a synonym of *Hippocampus whitei* Bleeker 1855 -- (Paxton et al. 1989:42 [ref. 12442], Gomon et al. 1994:449 [ref. 22532]). •Synonym of *Hippocampus kuda* Bleeker 1852 -- (Lourie et al. 1999:109 [ref. 23993]). •Valid as *Hippocampus tristis* Castelnau 1872 -- (Kuiter 2001:316 [ref. 25900], Paxton et al. 2006:829 [ref. 29073], Kuiter 2009:107 [ref. 30404]). **Current status:** Valid as *Hippocampus tristis* Castelnau 1872. Syngnathidae: Hippocampinae. Distribution: South Australia. Habitat: marine.

***Hippocampus tuberculatus* CASTELNAU, 1875**

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tuberculatus*, *Hippocampus Castelnau [F. L.] 1875:48 [Researches on the fishes of Australia No. 2; ref. 768] Swan River, Western Australia. Holotype (unique): MNHN A-4539. •Synonym of *Hippocampus breviceps* Peters 1869 -- (Paxton et al. 1989:421 [ref. 12442], Gomon et al. 1994:448 [ref. 22532], Lourie et al. 1999:81 [ref. 23993]). •Valid as *Hippocampus tuberculatus* Castelnau 1875 -- (Hutchins 2001:27 [ref. 25847], Kuiter 2001:313 [ref. 25900], Paxton et al. 2006:829 [ref. 29073], Kuiter 2009:51 [ref. 30404]). **Current status:** Valid as *Hippocampus tuberculatus* Castelnau 1875. Syngnathidae: Hippocampinae. Distribution: Western Australia, Australia: Perth region north to Onslow. Habitat: brackish, marine.

List of standard references adopted by the Conference of the Parties

FAUNA

MAMMALIA

WILSON, D. E. & REEDER, D. M. (ed.) (2005): Mammal Species of the World. A Taxonomic and Geographic Reference. Third edition, Vol. 1-2, xxxv + 2142 pp. Baltimore (John Hopkins University Press). [for all mammals – with the exception of the recognition of the following names for wild forms of species (in preference to names for domestic forms): *Bos gaurus, Bos mutus, Bubalus arnee, Equus africanus, Equus przewalskii, Ovis orientalis ophion;* and with the exception of the taxa mentioned below]

WILSON, D. E. & REEDER, D. M. (1993): Mammal Species of the World: a Taxonomic and Geographic Reference. Second edition. xviii + 1207 pp., Washington (Smithsonian Institution Press). [for *Loxodonta africana, Puma concolor, Lama guanicoe* and *Ovis vignei*]

Cetaceae (in addition to the main reference noted under Mammalia above)

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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. - International Journal of Primatology, **25**: 97-163. [for *Trachypithecus villosus*] S.

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, *Rungwecebus*: Morphology, ecology, and molecular phylogenetics. – Science, **312**: 1378-1381. [for *Rungwecebus kipunji*]

DEFLER, T. R. & BUENO, M. L. (2007): *Aotus* diversity and the species problem. – Primate Conservation, **22**: 55-70. [for *Aotus jorgehernandezi*]

DEFLER, T. R., BUENO, M. L. & GARCÍA, J. (2010): *Callicebus caquetensis*: a new and Critically Endangered titi monkey from southern Caquetá, Colombia. – Primate Conservation, **25**: 1-9. [for *Callicebus caquetensis*]

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OLIVEIRA, M. M. DE & LANGGUTH, A. (2006): Rediscovery of Marcgrave's Capuchin Monkey and designation of a neotype for *Simia flava* Schreber, 1774 (Primates, Cebidae). – Boletim do Museu Nacional do Rio de Janeiro, N.S., Zoologia, **523**: 1-16. [for *Cebus flavius*]

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AVES

MORONY, J. J., BOCK, W. J. & FARRAND, J., Jr. (1975): Reference List of the Birds of the World. American Museum of Natural History. 207 pp. [for order- and family-level names for birds]

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). [together with DICKINSON 2005 for all bird species – with the exception of the taxa mentioned below]

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PACHECO, J. F. & WHITNEY, B. M. (2006): Mandatory changes to the scientific names of three Neotropical birds. - Bull. Brit. Orn. Club, **126**: 242-244. [for *Chlorostilbon lucidus*]

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Gekkonidae

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Phelsuma spp.

HALLMANN, G., KRÜGER, J. & TRAUTMANN, G. (2008). Faszinierende Taggeckos. Die Gattung *Phelsuma*. 2. überarbeitete und erweiterte Auflage, 253 pp., Münster (Natur und Tier – Verlag). ISBN 978-3-86659-059-5. [for *Phelsuma* spp., however, with the retention of *Phelsuma ocellata* and except for the taxa mentioned below]

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Teiidae

AVILA PIRES, T. C. S. (1995): Lizards of Brazilian Amazonia (Reptilia: Squamata) – Zoologische Verhandelingen, **299**: 706 pp. [for *Tupinambis* except for the taxa mentioned below]

CEI, J. M. (1993): Reptiles del noroeste, nordeste y este de la Argentina – herpetofauna de las selvas subtropicales, Puna y Pampa – Monografie XIV, Museo Regionale di Scienze Naturali. [for *Tupinambis* except for the taxa mentioned below]

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FITZGERALD, L. A., COOK, J. A. & LUZ AQUINO, A. (1999): Molecular Phylogenetics and Conservation of *Tupinambis* (Sauria: Teiidae). – Copeia**, 4:** 894-905. [for *Tupinambis duseni*]

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MANZANI, P. R. & ABE, A. S. (2002): A new species of *Tupinambis* Daudin, 1803 from southeastern Brazil – Arquivos do Museu Nacional, Rio de Janeiro, **60**(4): 295-302. [for *Tupinambis palustris*]

MASSARY, J.-C. DE & HOOGMOED, M. (2001): The valid name for *Crocodilurus lacertinus auctorum* (nec Daudin, 1802) (Squamata: Teiidae) – Journal of Herpetology, **35**: 353-357. [for *Crocodilurus amazonicus*]

Varanidae

BÖHME, W. (2003): Checklist of the living monitor lizards of the world (family Varanidae) – Zoologische Verhandelingen. Leiden, **341**: 1-43. [for Varanidae]

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Serpentes

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Boidae (in addition to the main reference noted under Serpentes above)

DIRKSEN, L. (2002): *Anakondas*. NTV Wissenschaft. [for *Eunectes beniensis*]

HENDERSON, R. W., PASSOS, P. & FEITOSA, D. (2009); Geographic variation in the Emerald Treeboa, *Corallus caninus* (Squamata: Boidae). – Copeia, **2009** (3): 572-582. [for *Corallus batesii*]

LANZA, B. & NISTRI, A. (2005): Somali Boidae (genus *Eryx* Daudin 1803) and Pythonidae (genus *Python* Daudin 1803) (Reptilia Serpentes). – Tropical Zoology, **18**(1): 67-136. [for *Eryx borrii*]

PASSOS, P. & FERNANDES, R. (2008): Revision of the *Epicrates cenchria* complex (Serpentes: Boidae). – Herpetol. Monographs, **22**: 1-30. [for *Epicrates crassus, E. assisi, E. alvarezi*]

SMITH, H. M., CHISZAR, D., TEPEDELEN, K. & VAN BREUKELEN, F. (2001): A revision of the bevelnosed boas (*Candoia carinata* complex) (Reptilia: Serpentes). – Hamadryad, **26**(2): 283-315. [for *Candoia paulsoni, C. superciliosa*]

Elapidae (in addition to the main reference noted under Serpentes above)

SLOWINSKI, J. B. & WÜSTER, W. (2000.): A new cobra (Elapidae: *Naja*) from Myanmar (Burma) – Herpetologica, **56**: 257-270. [for *Naja mandalayensis*]

WÜSTER, W. (1996): Taxonomic change and toxinology: systematic revisions of the Asiatic cobras (*Naja naja* species complex) – Toxicon, **34**: 339-406. [for *Naja atra, Naja kaouthia, Naja oxiana, Naja philippinensis, Naja sagittifera, Naja samarensis, Naja siamensis, Naja sputatrix* and *Naja sumatrana*]

Pythonidae (in addition to the main reference noted under Serpentes above)

BROADLEY, D. G. (1999): The southern African python, *Python natalensis* A. Smith 1840, is a valid species. –African Herp News, **29**: 31-32. [for *Python natalensis*]

HARVEY, M. B., BARKER, D. B., AMMERMAN, L. K. & CHIPPINDALE, P. T. (2000): Systematics of pythons of the *Morelia amethistina* complex (Serpentes: Boidae) with the description of three new species – Herpetological Monographs, **14**: 139-185. [for *Morelia clastolepis, Morelia nauta* and *Morelia tracyae*, and elevation to species level of *Morelia kinghorni*]

JACOBS, H. J., AULIYA, M. & BÖHME, W. (2009): Zur Taxonomie des Dunklen Tigerpythons, *Python molurus bivittatus* KUHL, 1820, speziell der Population von Sulawesi. – Sauria, **31**: 5-16. [for *Python bivittatus*]

KEOGH, J. S., BARKER, D. G. & SHINE, R. 2001. Heavily exploited but poorly known: systematics and biogeography of commercially harvested pythons (*Python curtus* group) in Southeast Asia – Biological Journal of the Linnean Society, **73**: 113-129. [for *Python breitensteini* and *Python brongersmai*]

SCHLEIP, W. D. (2008): Revision of the genus *Leiopython* Hubrecht 1879 (Serpentes: Pythonidae) with the redescription of taxa recently described by Hoser (2000) and the description of new species. – Journal of Herpetology, **42**(4): 645–667. [for *Leiopython bennettorum, L. biakensis, L. fredparkeri, L. huonensis,L. hoserae*]

ZUG, G.R., GROTTE, S. W. & JACOBS, J. F. (2011): Pythons in Burma: Short-tailed python (Reptilia: Squamata). – Proc. biol. Soc. Washington, **124**(2): 112-136. [for *Python kyaiktiyo*]

Tropidophiidae (in addition to the main reference noted under Serpentes above)

DOMÍNGUEZ, M., MORENO, L. V. & HEDGES, S. B. (2006): A new snake of the genus *Tropidophis* (Tropidophiidae) from the Guanahacabibes Peninsula of Western Cuba. – Amphibia-Reptilia, **27**(3): 427-432. [for *Tropidophis xanthogaster*]

HEDGES, B. S. & GARRIDO, O. (1999): A new snake of the genus *Tropidophis* (Tropidophiidae) from central Cuba – Journal of Herpetology, **33**: 436-441. [for *Tropidophis spiritus*]

HEDGES, B. S. & GARRIDO, O. (2002): A new snake of the genus *Tropidophis* (Tropidophiidae) from Eastern Cuba – Journal of Herpetology, **36**:157-161. [for *Tropidophis hendersoni*]

HEDGES, B. S., ESTRADA, A. R. & DIAZ, L. M. (1999): New snake (*Tropidophis*) from western Cuba – Copeia, **1999**(2): 376-381. [for *Tropidophis celiae*]

HEDGES, B. S., GARRIDO, O. & DIAZ, L. M. (2001): A new banded snake of the genus *Tropidophis* (Tropidophiidae) from north-central Cuba – Journal of Herpetology, **35**: 615-617. [for *Tropidophis morenoi*]

Testudines

WERMUTH, H. & MERTENS, R. (1996) (reprint): Schildkröte, Krokodile, Brückenechsen. xvii + 506 pp. Jena (Gustav Fischer Verlag). [for Testudines order names]

FRITZ, U. & HAVAŠ, P. (2007): Checklist of Chelonians of the World. – Vertebrate Zoology, **57**(2): 149-368. Dresden. ISSN 1864-5755 [without its appendix; for Testudines for species and family names – with the exception of the retention of the following names *Mauremys iversoni, Mauremys pritchardi, Ocadia glyphistoma, Ocadia philippeni, Sacalia pseudocellata*, and except for the taxa mentioned below]

Testudinidae (in addition to the main reference noted under Testudines above)

BRANCH, W. R. (2007): A new species of tortoise of the genus *Homopus* (Chelonia: Testudinidae) from southern Namibia. – African Journal of Herpetology, **56**(1): 1-21. [for *Homopus solus*]

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, *Gopherus agassizii* (Testudines, Testudinidae) with the description of a new species, and its consequences for conservation. – Zookeys, **113**: 39-71. [for *Gopherus morafkai*]

Emydidae (in addition to the main reference noted under Testudines above)

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 (*Graptemys gibbonsi*) in the Pearl and Pascagoula Rivers with description of a new species. – Chelonian Conservation and Biology, **9**(1): 98-113. [for *Graptemys pearlensis*]

Geoemydidae (in addition to the main reference noted under Testudines above)

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PRASCHAG, P., SOMMER, R. S., MCCARTHY, C., GEMEL, R. & FRITZ, U. (2008): Naming one of the world's rarest chelonians, the southern Batagur. – Zootaxa, **1758**: 61-68. [for *Batagur affinis*]

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LOURIE, S. A. & KUITER, R. H. (2008): Three new pygmy seahorse species from Indonesia (Teleostei: Syngnathidae: *Hippocampus*). – Zootaxa, **1963**: 54-68. [for *Hippocampus pontohi, Hippocampus satomiae, Hippocampus severnsi*]

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PIACENTINO, G. L. M. AND LUZZATTO, D. C. (2004): *Hippocampus patagonicus* sp. nov., new seahorse from Argentina (Pisces, Syngnathiformes). -- Revista del Museo Argentino de Ciencias Naturales, **6**(2): 339-349. [for *Hippocampus patagonicus*]

ARACHNIDA

Araneae

Taxonomic Checklist of CITES listed Spider Species, information extracted from PLATNICK, N. (2006), The World Spider Catalog, an online reference, Version 6.5 as of 7 April 2006 [for Theraphosidae except for the taxon mentioned below]

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BARTOLOZZI, L. (2005): Description of two new stag beetle species from South Africa (Coleoptera: Lucanidae). -- African Entomology, **13**(2): 347-352. [for *Colophon endroedyi*]

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HIRODINOIDEA

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ANTHOZOA and HYDROZOA

Taxonomic Checklist of all CITES listed Coral Species, based on information compiled by UNEP-WCMC 2012.

UNEP-WCMC **technical report**

Bird taxonomy

Comparison of the generic and species taxonomies in the 3rd and 4th editions of *The Howard & Moore complete checklist of the birds of the world*, relating to taxa listed in the EU Wildlife Trade Regulations (which includes all CITES listed species)

UNEP WCMC

Comparison of the generic and species taxonomies in the 3rd and 4th editions of *The Howard & Moore complete checklist of the birds of the world*, relating to taxa listed in the EU Wildlife Trade Regulations (including CITES listed species)

Prepared for

The European Commission, Directorate General Environment, Directorate E - Global & Regional Challenges, LIFE ENV.E.2. – Global Sustainability, Trade & Multilateral Agreements, Brussels, Belgium

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UNEP WCMC

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Introduction

This report provides an overview of taxonomic updates for bird species that the CITES Animals Committee may wish to consider in the context of updating the CITES Standard Reference.

The revised and enlarged 3rd edition of The Howard and Moore Complete Checklist of the Birds of the World (Dickinson, 2003)[6] is the current CITES standard nomenclatural reference for most birds (Resolution Conf. 12.11 Rev. CoP16). This is also the standard reference determining the nomenclature of birds in the EU Wildlife Trade Regulations. In 2013, a 4th edition of this Checklist was published for non-passerines (Dickinson & Remsen, 2013)[7].

The table below provides a comparison of the generic and species taxonomy adopted in Dickinson (2003) (and its 4th corrigenda) with that adopted in Dickinson & Remsen (2013), relating to taxa listed in CITES and in the EU Wildlife Trade Regulations.

[6] *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.*

[7] *Dickinson, E.C. & Remsen Jr. J.V. (eds.) 2013. The Howard and Moore Complete Checklist of the Birds of the World. 4th Edition. Volume one: Non-passerines. 461 pp. Eastbourne: Aves Press.*

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
ANSERIFORMES				
ANATIDAE				
Anas chlorotis G. R. Gray, 1845	I/A	<[8]	*Anas aucklandica* (G. R. Gray, 1844)	Species lump
Anas nesiotis (J. H. Fleming, 1935)	I/A	<	*Anas aucklandica* (G. R. Gray, 1844)	Species lump
Branta canadensis leucopareia (von Brandt, 1836)	I/A	=[9]	*Branta hutchinsii leucopareia* (von Brandt, 1836)	Subspecies transfer
APODIFORMES				
TROCHILIDAE				
Aglaiocercus kingi (Lesson, 1832)	II/B	>[10]	*Aglaiocercus kingii* (Lesson, 1832)	Spelling correction
			Aglaiocercus berlepschi (E. Hartert, 1898)	Species split
Amazilia alfaroana Underwood, 1896	II/B	<	*Amazilia cyanifrons* (Bourcier, 1843)	Species lump
Amazilia alticola Gould, 1860	II/B	<	*Amazilia amazilia* (Lesson & Garnot, 1827)	Species lump
Amazilia amabilis (Gould, 1853)	II/B	>	*Amazilia amabilis* (Gould, 1853)	
			Amazilia decora (Salvin, 1891)	Species split
Amazilia cupreicauda Salvin & Godman, 1884	II/B	<	*Amazilia viridigaster* (Bourcier, 1843)	Species lump
Amazilia rondoniae Ruschi, 1982	II/B	<	*Amazilia versicolor* (Vieillot, 1818)	Species lump
Anthracothorax prevostii iridescens (Gould, 1861)	II/B	=	*Anthracothorax nigricollis iridescens* (Gould, 1861)	Subspecies transfer
Anthracothorax recurvirostris (Swainson, 1822)	II/B	=	*Avocettula recurvirostris* (Swainson, 1822)	Generic change
Basilinna leucotis (Vieillot, 1818)	II/B	=	*Hylocharis leucotis* (Vieillot, 1818)	Generic change
Basilinna xantusii (Lawrence, 1860)	II/B	=	*Hylocharis xantusii* (Lawrence, 1861)	Generic change and date correction
Campylopterus curvipennis (Deppe, 1830)	II/B	>	*Campylopterus curvipennis* (Deppe, 1830) (including sspp. *curvipennis, pampa, yucatanensis*)	
			Campylopterus excellens (Wetmore, 1941)	Species split
Campylopterus cuvierii (DeLattre & Bourcier, 1846)	II/B	=	*Phaeochroa cuvierii* (DeLattre & Bourcier, 1846)	Generic change
Chaetocercus mulsanti (Bourcier, 1842)	II/B	=	*Chaetocercus mulsant* (Bourcier, 1843)	Spelling and date correction

[8] Species lumps (indicated by the symbol "<") refer to taxa recognised as separate in Dickinson (2003) but that have been grouped together under another name in Dickinson & Remsen (2013).

[9] *The symbol "=" is used to indicate taxonomic or nomenclature changes between Dickinson (2003) and Dickinson & Remsen (2013) that do not involve a change in the scope of the taxon in question.*

[10] Species splits (indicated by the symbol ">") refer to cases where one taxon as recognised in Dickinson (2003) has been split into various taxa in Dickinson & Remsen (2013).

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Chlorostilbon aureoventris (d'Orbigny & Lafresnaye, 1838)	II/B	=	*Chlorostilbon lucidus* (Shaw, 1812)	Replacement name. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Chlorostilbon mellisugus (Linnaeus, 1758)	II/B	>	*Chlorostilbon mellisugus* (Linnaeus, 1758) (including sspp. *mellisugus, caribaeus, duidae, napensis, peruanus, phoeopygus, subfurcatus*)	
			Chlorostilbon gibsoni (Fraser, 1840) (including sspp. *gibsoni, chrysogaster, nitens*)	Species split
			Chlorostilbon melanorhynchus Gould, 1860	Species split
Chlorostilbon notatus (Reich, 1795)	II/B	=	*Chlorestes notata* (Reich, 1793)	Generic change and date correction
Coeligena bonapartei (Boissonneau, 1840)	II/B	>	*Coeligena bonapartei* (Boissonneau, 1840) (including sspp. *bonapartei, consita, eos*)	
			Coeligena orina Wetmore, 1953	Species split
Damophila julie (Bourcier, 1842)	II/B	=	*Juliamyia julie* (Bourcier, 1843)	Generic change and date correction
Eriocnemis alinae (Bourcier, 1842)	II/B	=	*Eriocnemis aline* (Bourcier, 1843)	Spelling and date correction
N/A	II/B		*Eriocnemis isabellae* Corté-Diago, Ortega, Mazariegos-Hurtado & Weller, 2007	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Heliangelus amethysticollis (d'Orbigny & Lafresnaye, 1838)	II/B	>	*Heliangelus amethysticollis* (d'Orbigny & Lafresnaye, 1838) (including sspp. *amethysticollis, clarisse, decolor, laticlavius, violiceps* & *apurimacensis* Weller, 2009)	
			Heliangelus spencei (Bourcier, 1847)	Species split
Hylocharis grayi (DeLattre & Bourcier, 1846)	II/B	>	*Hylocharis grayi* (DeLattre & Bourcier, 1846)	
			Hylocharis humboldtii (Bourcier & Mulsant, 1852)	Species split
Phaethornis ruber x *P. rupurumii*	II/B	=	*Phaethornis aethopygus* J. T. Zimmer, 1950	Species revalidated. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Sappho sparganura (Shaw, 1812)	II/B	=	*Sappho sparganurus* (Shaw, 1812)	Spelling correction
Sephanoides sephanoides (Lesson, 1827)	II/B	=	*Sephanoides sephaniodes* (Lesson & Garnot, 1827)	See H&M 3 corrigendum 2.1 for spelling as '*sephanoides*'. Author correction.
Stellula calliope (Gould, 1847)	II/B	=	*Selasphorus calliope* (Gould, 1847)	Generic change
Thalurania fannyi (DeLattre & Bourcier, 1846)	II/B	<	*Thalurania colombica* (Bourcier, 1843)	Species lump
Threnetes niger (Linnaeus, 1758)	II/B	>	*Threnetes niger* (Linnaeus, 1766) (including sspp. *niger, loehkeni*)	

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
			Threnetes leucurus (Linnaeus, 1766) (including sspp. *leucurus, cervinicauda, medianus, rufigastra*)	Species split
Urosticte benjamini (Bourcier, 1851)	II/B	>	*Urosticte benjamini* (Bourcier, 1851)	
			Urosticte ruficrissa Lawrence, 1864	Species split
CICONIIFORMES				
PHOENICOPTERIDAE				
Phoenicopterus ruber Linnaeus, 1758	II/A	>	*Phoenicopterus ruber* Linnaeus, 1758	
			Phoenicopterus roseus Pallas, 1811	Species split
COLUMBIFORMES				
COLUMBIDAE				
Claravis godefrida (Temminck, 1811)	-/A	=	*Claravis geoffroyi* (Temminck, 1811)	Replacement name
Nesoenas mayeri (Prévost, 1843)	III/C	=	*Streptopelia mayeri* (Prévost, 1843)	Generic change
CORACIIFORMES				
BUCEROTIDAE				
Aceros cassidix (Temminck, 1823)	II/B	=	*Rhyticeros cassidix* (Temminck, 1823)	Generic change
Aceros corrugatus (Temminck, 1832)	II/B	=	*Rhyticeros corrugatus* (Temminck, 1832)	Generic change
Aceros leucocephalus (Vieillot, 1816)	II/B	=	*Rhyticeros leucocephalus* (Vieillot, 1816)	Generic change
Aceros waldeni (Sharpe, 1877)	II/B	=	*Rhyticeros waldeni* (Sharpe, 1877)	Generic change
Anorrhinus tickelli (Blyth, 1855)	II/B	>	*Ptilolaemus tickelli* (Blyth, 1855)	Generic change
			Ptilolaemus austeni (Blyth, 1855)	Generic change & species split
CUCULIFORMES				
MUSOPHAGIDAE				
Tauraco porphyreolophus (Vigors, 1831)	II/B	=	*Gallirex porphyreolophus* (Vigors, 1831)	Generic change. Current listing of *Tauraco* spp. cannot be changed to *Tauraco* spp. and *Gallirex* spp. because other species of *Gallirex* are not CITES listed.
FALCONIFORMES				
ACCIPITRIDAE				
Accipiter cirrhocephalus (Vieillot, 1817)	II/B	=	*Accipiter cirrocephalus* (Vieillot, 1817)	Spelling correction

Dickinson (2003)	CITES Appendix/ EU Annex		Dickinson & Remsen (2013)	Notes
Accipiter francesii A. Smith, 1834	II/B	=	*Accipiter francesiae* A. Smith, 1834	Spelling correction
Accipiter novaehollandiae (J. F. Gmelin, 1788)	II/B	>	*Accipiter novaehollandiae* (J. F. Gmelin, 1788)	
			Accipiter hiogaster (S. Müller, 1841) (including sspp.*hiogaster*, *albiventris*, *bougainvillei, dampieri, griseogularis, lavongai, leucosomus, lihirensis, malaitae, manusi, matthiae, misoriensis, misulae, mortyi, obiensis, pallidiceps, pallidimas, polionotus, pulchellus, rubianae, rufoschistaceus, sylvestris*)	Species split
Accipiter toussenelii (J. & E. Verreaux, 1855)	II/B	<	*Accipiter tachiro* (Daudin, 1800)	Species lump
Asturina nitida (Latham, 1790)	II/B	>	*Buteo nitidus* (Latham, 1790) (including sspp. *nitidus, blakei* (syn. *costaricensis*), *pallidus*)	Generic change
			Buteo plagiatus (Schlegel, 1862)	Generic change and species split
Aquila clanga Pallas, 1811	II/A	=	*Clanga clanga* (Pallas, 1811)	Generic change
Aquila pomarina C. L. Brehm, 1831	II/A	>	*Clanga pomarina* (C. L. Brehm, 1831)	Generic change
			Clanga hastata (Lesson, 1831)	Generic change and species split
Buteo albicaudatus Vieillot, 1816	II/B	=	*Geranoaetus albicaudatus* (Vieillot, 1816)	Generic change
Buteo buteo (Linnaeus, 1758)	II/A	>	*Buteo buteo* (Linnaeus, 1758) (including sspp. *buteo, harterti, insularum, menetriesi, pojana, vulpinus*)	
			Buteo japonicus Temminck & Schlegel, 1844 (including sspp. *japonicus*, *oshiroi, toyoshimai*)	Species split
			Buteo refectus Portenko, 1935	Species split
Buteo buteo bannermani Swann, 1919	II/A	=	*Buteo rufinus bannermani* Swann, 1919	Subspecies transfer
Buteo leucorrhous (Quoy & Gaimard, 1824)	II/B	=	*Parabuteo leucorrhous* (Quoy & Gaimard, 1824)	Generic change
Buteo magnirostris (J. F. Gmelin, 1788)	II/B	=	*Rupornis magnirostris* (J. F. Gmelin, 1788)	Generic change
Buteo poecilochrous J. H. Gurney, 1879	II/B	<	*Geranoaetus polyosoma* (Quoy & Gaimard, 1824)	Generic change & species lump
Buteo polyosoma (Quoy & Gaimard, 1824)	II/B	=	*Geranoaetus polyosoma* (Quoy & Gaimard, 1824)	Generic change
N/A	II/B		*Buteo socotraensis* Porter & Kirwan, 2010	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
		<	*Buteo rufinus* (Cretzschmar, 1829)	Species lump
Buteogallus anthracinus (Deppe, 1830)	II/B	>	*Buteogallus anthracinus* (Deppe, 1830) (including sspp. *anthracinus, utilensis*)	
			Buteogallus gundlachii (Cabanis, 1855)	Species split
Buteogallus subtilis (Thayer & Bangs, 1905)	II/B	<	*Buteogallus anthracinus* (Deppe, 1830)	Species lump

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Circus maillardi J. Verreaux, 1862	II/B	>	*Circus maillardi* J. Verreaux, 1862	
			Circus macrosceles A. Newton, 1863	Species split
Gyps rueppellii (A. E. Brehm, 1852)	II/B	=	*Gyps rueppelli* (A. E. Brehm, 1852)	Spelling correction. See H&M 3 corrigendum 2.1R for spelling as '*rueppellii*'
Harpyhaliaetus coronatus (Vieillot, 1817)	II/B	=	*Buteogallus coronatus* (Vieillot, 1817)	Generic change
Harpyhaliaetus solitarius (Tschudi, 1844)	II/B	=	*Buteogallus solitarius* (Tschudi, 1844)	Generic change
Hieraaetus fasciatus (Vieillot, 1822)	II/A	=	*Aquila fasciata* Vieillot, 1822	Generic change
Hieraaetus kienerii (I. Geoffroy Saint-Hilaire, 1835)	II/B	=	*Lophotriorchis kienerii* (de Sparre, 1835)	Generic change and author correction
Hieraaetus morphnoides (Gould, 1841)	II/B	>	*Hieraaetus morphnoides* (Gould, 1841)	
			Hieraaetus weiskei (Reichenow, 1900)	Species split
Hieraaetus spilogaster (Bonaparte, 1850)	II/B	=	*Aquila spilogaster* (Bonaparte, 1850)	Generic change
Ichthyophaga humilis (Müller & Schlegel, 1841)	II/B	=	*Icthyophaga humilis* (Müller & Schlegel, 1841)	Spelling correction
Ichthyophaga ichthyaetus (Horsfield, 1821)	II/B	=	*Icthyophaga ichthyaetus* (Horsfield, 1821)	Spelling correction
Ictinaetus malayensis (Temminck, 1822)	II/B	=	*Ictinaetus malaiensis* (Temminck, 1822)	Spelling correction
Leptodon cayanensis (Latham, 1790)	II/B	>	*Leptodon cayanensis* (Latham, 1790) (including sspp. *cayanensis, monachus*)	
			Leptodon forbesi (Swann, 1922)	Species split
Leucopternis albicollis (Latham, 1790)	II/B	=	*Pseudastur albicollis* (Latham, 1790)	Generic change
Leucopternis lacernulatus (Temminck, 1827)	II/B	=	*Buteogallus lacernulatus* (Temminck, 1827)	Generic change
Leucopternis occidentalis Salvin, 1876	II/A	=	*Pseudastur occidentalis* (Salvin, 1876)	Generic change
Leucopternis plumbeus Salvin, 1872	II/B	=	*Cryptoleucopteryx plumbea* (Salvin, 1872)	Generic change
Leucopternis polionotus (Kaup, 1847)	II/B	=	*Pseudastur polionotus* (Kaup, 1847)	Generic change
Leucopternis princeps P. L. Sclater, 1865	II/B	=	*Morphnarchus princeps* (P. L. Sclater, 1865)	Generic change
Leucopternis schistaceus (Sundevall, 1851)	II/B	=	*Buteogallus schistaceus* (Sundevall, 1850)	Generic change and date correction
Oroaetus isidori (Des Murs, 1845)	II/B	=	*Spizaetus isidori* (Des Murs, 1845)	Generic change
Pernis celebensis Wallace, 1868	II/B	>	*Pernis celebensis* Wallace, 1868	
			Pernis steerei W. L. Sclater, 1919 (including sspp. *steerei, winkleri*)	Species split
Rostrhamus hamatus (Temminck, 1821)	II/B	=	*Helicolestes hamatus* (Temminck, 1821)	Generic change

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Spizaetus africanus (Cassin, 1865)	II/B	=	*Aquila africana* (Cassin, 1865)	Generic change
Spizaetus alboniger (Blyth, 1845)	II/B	=	*Nisaetus alboniger* Blyth, 1845	Generic change
Spizaetus bartelsi Stresemann, 1924	II/B	=	*Nisaetus bartelsi* (Stresemann, 1924)	Generic change
Spizaetus cirrhatus (J. F. Gmelin, 1788)	II/B	=	*Nisaetus cirrhatus* (J. F. Gmelin, 1788)	Generic change
Spizaetus lanceolatus Temminck & Schlegel, 1844	II/B	=	*Nisaetus lanceolatus* (Temminck & Schlegel, 1844)	Generic change
Spizaetus nanus Wallace, 1868	II/B	=	*Nisaetus nanus* (Wallace, 1868)	Generic change
Spizaetus nipalensis (Hodgson, 1836)	II/B	=	*Nisaetus nipalensis* Hodgson, 1836	Generic change
Spizaetus philippensis Gould, 1863	II/B	>	*Nisaetus philippensis* (Gould, 1863)	Generic change
			Nisaetus pinskeri (Preleuthner & Gamauf, 1998)	Generic change and species split
Spizastur melanoleucus (Vieillot, 1816)	II/B	=	*Spizaetus melanoleucus* (Vieillot, 1816)	Generic change
Torgos tracheliotus (J. R. Forster, 1791)	II/B	=	*Torgos tracheliotos* (J. R. Forster, 1796)	Spelling and date correction
FALCONIDAE				
Falco pelegrinoides Temminck, 1829	I/A	<	*Falco peregrinus* Tunstall, 1771	Species lump
N/A	II/B		*Micrastur mintoni* Whittaker, 2003	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Milvago chimango (Vieillot, 1816)	II/B	=	*Phalcoboenus chimango* (Vieillot, 1816)	Generic change
GALLIFORMES				
PHASIANIDAE				
Lophura hatinhensis Vo Quy, 1975	-/B	<	*Lophura edwardsi* (Oustalet, 1896)	Species lump
Polyplectron bicalcaratum (Linnaeus, 1758)	II/B	>	*Polyplectron bicalcaratum* (Linnaeus, 1758) (now considered monotypic)	
			Polyplectron katsumatae Rothschild, 1906	Species split
GRUIFORMES				
GRUIDAE				
Anthropoides paradiseus (A. A. H. Lichtenstein, 1793)	II/B	=	*Grus paradisea* (A. A. H. Lichtenstein, 1793)	Generic change
Anthropoides virgo (Linnaeus, 1758)	II/B	=	*Grus virgo* (Linnaeus, 1758)	Generic change
Bugeranus carunculatus (J. F. Gmelin, 1789)	II/B	=	*Grus carunculata* (J. F. Gmelin, 1789)	Generic change
Grus antigone (Linnaeus, 1758)	II/B	=	*Antigone antigone* (Linnaeus, 1758)	Generic change

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Grus canadensis (Linnaeus, 1758)	II/A	=	*Antigone canadensis* (Linnaeus, 1758)	Generic change
Grus leucogeranus Pallas, 1773	I/A	=	*Leucogeranus leucogeranus* (Pallas, 1773)	Generic change
Grus rubicunda (Perry, 1810)	II/B	=	*Antigone rubicunda* (Perry, 1810)	Generic change
Grus vipio Pallas, 1811	I/A	=	*Antigone vipio* (Pallas, 1811)	Generic change
OTIDIDAE				
Eupodotis humilis (Blyth, 1856)	II/B	=	*Heterotetrax humilis* (Blyth, 1855)	Generic change and date correction
Eupodotis rueppellii (Wahlberg, 1856)	II/B	=	*Heterotetrax rueppelii* (Wahlberg, 1856)	Generic change and spelling correction
Eupodotis vigorsii (A. Smith, 1831)	II/B	=	*Heterotetrax vigorsii* (A. Smith, 1831)	Generic change
Neotis denhami (Children, 1826)	II/B	=	*Ardeotis denhami* (Children & Vigors, 1826)	Generic change and author correction
Neotis heuglinii (Hartlaub, 1859)	II/B	=	*Ardeotis heuglinii* (Hartlaub, 1859)	Generic change
Neotis ludwigii (Rüppell, 1837)	II/B	=	*Ardeotis ludwigii* (Rüppell, 1837)	Generic change
Neotis nuba (Cretzschmar, 1826)	II/B	=	*Ardeotis nuba* (Cretzschmar, 1826)	Generic change
RALLIDAE				
Gallirallus sylvestris (P. L. Sclater, 1870)	I/A	=	*Hypotaenidia sylvestris* (P. L. Sclater, 1870)	Generic change
PICIFORMES				
RAMPHASTIDAE				
Baillonius bailloni (Vieillot, 1819)	III/C	=	*Pteroglossus bailloni* (Vieillot, 1819)	Generic change
PSITTACIFORMES				
CACATUIDAE				
Cacatua goffini (Finsch, 1863)	I/A	=	*Cacatua goffininiana* Roselaar & Michels, 2004	Replacement name. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Calyptorhynchus baudinii Lear, 1832	II/B	=	*Zanda baudinii* (Lear, 1832)	Generic change
Calyptorhynchus funereus (Shaw, 1794)	II/B	=	*Zanda funerea* (Shaw, 1794)	Generic change
Calyptorhynchus latirostris Carnaby, 1948	II/B	=	*Zanda latirostris* (Carnaby, 1948)	Generic change

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
LORIIDAE				
Eos rubra (J. F. Gmelin, 1788)	II/B	=	*Eos bornea* (Linnaeus, 1758)	Replacement name
PSITTACIDAE				
Amazona mercenaria (Tschudi, 1844)	II/B	=	*Amazona mercenarius* (Tschudi, 1844)	Spelling correction
Amazona xanthops (Spix, 1824)	II/B	=	*Alipiopsitta xanthops* (von Spix, 1824)	Generic change and author correction
Aratinga acuticaudata (Vieillot, 1818)	II/B	=	*Psittacara acuticaudatus* (Vieillot, 1818)	Generic change
Aratinga aurea (J. F. Gmelin, 1788)	II/B	=	*Eupsittula aurea* (J. F. Gmelin, 1788)	Generic change
Aratinga cactorum (Kuhl, 1820)	II/B	=	*Eupsittula cactorum* (Kuhl, 1820)	Generic change
Aratinga canicularis (Linnaeus, 1758)	II/B	=	*Eupsittula canicularis* (Linnaeus, 1758)	Generic change
Aratinga chloroptera (Souancé, 1856)	II/B	=	*Psittacara chloropterus* (Souancé, 1856)	Generic change
Aratinga erythrogenys (Lesson, 1844)	II/B	=	*Psittacara erythrogenys* (Lesson, 1844)	Generic change
Aratinga euops (Wagler, 1832)	II/B	=	*Psittacara euops* (Wagler, 1832)	Generic change
Aratinga finschi (Salvin, 1871)	II/B	=	*Psittacara finschi* (Salvin, 1871)	Generic change
Aratinga holochlora (P. L. Sclater, 1859)	II/B	=	*Psittacara holochlorus* (P. L. Sclater, 1859)	Generic change
Aratinga leucophthalma (Statius Müller, 1776)	II/B	=	*Psittacara leucophthalmus* (Statius Müller, 1776)	Generic change
Aratinga mitrata (Tschudi, 1844)	II/B	=	*Psittacara mitratus* (Tschudi, 1844)	Generic change
Aratinga nana (Vigors, 1830)	II/B	=	*Eupsittula nana* (Vigors, 1830)	Generic change
Aratinga pertinax (Linnaeus, 1758)	II/B	=	*Eupsittula pertinax* (Linnaeus, 1758)	Generic change
Aratinga solstitialis (Linnaeus, 1758)	II/B	>	*Aratinga solstitialis* (Linnaeus, 1758)	
			Aratinga maculata (Statius Müller, 1776)	Species split. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Aratinga strenua (Ridgway, 1915)	II/B	=	*Psittacara strenuus* (Ridgway, 1915)	Generic change
Aratinga wagleri (G. R. Gray, 1845)	II/B	=	*Psittacara wagleri* (G. R. Gray, 1845)	Generic change

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Coracopsis nigra (Linnaeus, 1758)	II/B	>	*Coracopsis nigra* (Linnaeus, 1758) (including sspp. *nigra, libs, sibilans*)	
			Coracopsis barklyi E. Newton, 1867	Species split
Cyclopsitta gulielmitertii (Schlegel, 1866)	II/B	>	*Cyclopsitta gulielmitertii* (Schlegel, 1866)	
			Cyclopsitta melanogenia (von Rosenberg, 1866) (including sspp. *melanogenia, fuscifrons, suavissi-ma*)	Species split
			Cyclopsitta nigrifrons (Reichenow, 1891) (including sspp. *nigrifrons, amabilis, ramuensis*)	Species split
Eunymphicus cornutus (J. F. Gmelin, 1788)	I/A	>	*Eunymphicus cornutus* (J. F. Gmelin, 1788)	
			Eunymphicus uvaeensis (E. L. & E. L. C. Layard, 1882)	Species split
Forpus sclateri (G. R. Gray, 1859)	II/B	=	*Forpus modestus* (Cabanis, 1849)	Replacement name. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Guarouba guarouba (J. F. Gmelin, 1788)	I/A	=	*Guaruba guarouba* (J. F. Gmelin, 1788)	Spelling correction
Loriculus aurantiifrons Schlegel, 1871	II/B	>	*Loriculus aurantiifrons* Schlegel, 1871 (including sspp. *aurantiifrons, batavorum, meeki*)	
			Loriculus tener P. L. Sclater, 1877	Species split
Loriculus amabilis Wallace, 1862	II/B	>	*Loriculus amabilis* Wallace, 1862	
			Loriculus sclateri Wallace, 1863 (including sspp. *sclateri, ruber*)	Species split
Nandayus nenday (Vieillot, 1823)	II/B	=	*Aratinga nenday* (Vieillot, 1823)	Generic change
Orthopsittaca manilata (Boddaert, 1783)	II/B	=	*Orthopsittaca manilatus* (Boddaert, 1783)	Spelling correction
Pezoporus wallicus (Kerr, 1792)	I/A	>	*Pezoporus wallicus* (Kerr, 1792) (including sspp. *wallicus, leachi*)	
			Pezoporus flaviventris North, 1911	Species split
N/A	II/B		*Pionopsitta aurantiocephala* Gaban-Lima, Raposo & Höfling, 2002	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
		=	*Pyrilia aurantiocephala* (Gaban-Lima, Raposo & Höfling, 2002)	Generic change
Pionopsitta barrabandi (Kuhl, 1820)	II/B	=	*Pyrilia barrabandi* (Kuhl, 1820)	Generic change
Pionopsitta caica (Latham, 1790)	II/B	=	*Pyrilia caica* (Latham, 1790)	Generic change
Pionopsitta haematotis (Sclater & Salvin, 1860)	II/B	=	*Pyrilia haematotis* (Sclater & Salvin, 1860)	Generic change
Pionopsitta pulchra Berlepsch, 1897	II/B	=	*Pyrilia pulchra* (von Berlepsch, 1897)	Generic change and author correction

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Pionopsitta pyrilia (Bonaparte, 1853)	II/B	=	*Pyrilia pyrilia* (Bonaparte, 1853)	Generic change
Pionopsitta vulturina (Kuhl, 1820)	II/B	=	*Pyrilia vulturina* (Kuhl, 1820)	Generic change
Prioniturus montanus Ogilvie-Grant, 1895	II/B	>	*Prioniturus montanus* Ogilvie-Grant, 1895	
			Prioniturus waterstradti Rothschild, 1904 (including sspp. *waterstradti, malindangensis*)	Species split
Prosopeia personata (G. R. Gray, 1848)	II/B	=	*Pyrrhulopsis personatus* (G. R. Gray, 1848)	Generic change
Prosopeia splendens (Peale, 1848)	II/B	=	*Pyrrhulopsis splendens* (Peale, 1848)	Generic change
Prosopeia tabuensis (J. F. Gmelin, 1788)	II/B	=	*Pyrrhulopsis tabuensis* (J. F. Gmelin, 1788)	Generic change
Psephotus chrysopterygius Gould, 1858	I/A	=	*Psephotellus chrysopterygius* (Gould, 1857)	Generic change and date correction
Psephotus dissimilis Collett, 1898	I/A	=	*Psephotellus dissimilis* (Collett, 1898)	Generic change
Psephotus pulcherrimus (Gould, 1845)	I/A	=	*Psephotellus pulcherrimus* (Gould, 1845)	Generic change
Psephotus varius A. H. Clark, 1910	II/B	=	*Psephotellus varius* (A. H. Clark, 1910)	Generic change
Psittacula calthorpae (Blyth, 1849)	II/B	=	*Psittacula calthrapae* (Blyth, 1849)	Spelling correction
Psittacula echo (A. & E. Newton, 1876)	I/A	<	*Psittacula eques* (Boddaert, 1783)	Species lump
Pyrrhura caeruleiceps Todd, 1947	II/B	<	*Pyrrhura picta* (Statius Müller, 1776)	Species lump
Pyrrhura eisenmanni Delgado, 1985	II/B	<	*Pyrrhura picta* (Statius Müller, 1776)	Species lump
Pyrrhura leucotis (Kuhl, 1820)	II/B	>	*Pyrrhura leucotis* (Kuhl, 1820) (including sspp. *leucotis, emma*)	
			Pyrrhura griseipectus Salvadori, 1900	Species split
N/A	II/B		*Pyrrhura parvifrons* Arndt, 2008	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
		<	*Pyrrhura roseifrons* (G. R. Gray, 1859)	Species lump
Pyrrhura picta (Statius Müller, 1776)	II/B	>	*Pyrrhura picta* (Statius Müller, 1776) (including sspp. *picta, caeruleiceps, eisenmanni, subandina*)	
			Pyrrhura amazonum Hellmayr, 1906 (including sspp. *amazonum, lucida* Arndt, 2008, *snethlageae* Joseph & Bates, 2002)	Species split
			Pyrrhura lucianii (Deville, 1851)	Species split
			Pyrrhura roseifrons (G. R. Gray, 1859) (including sspp. *roseifrons*, *dilutissima* Arndt, 2008, *parvifrons* Arndt, 2008, *peruviana*)	Species split
Pyrrhura subandina Todd, 1917	II/B	<	*Pyrrhura picta* (Statius Müller, 1776)	Species lump
RHEIFORMES				

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
RHEIDAE				
Pterocnemia pennata (d'Orbigny, 1834)	I/A	=	*Rhea pennata* d'Orbigny, 1834	Generic change
STRIGIFORMES				
STRIGIDAE				
Bubo bubo (Linnaeus, 1758)	II/A	>	*Bubo bubo* (Linnaeus, 1758) (including sspp. *bubo, borissowi, hemachalanus, hispanus, interpositus, jakutensis, kiautschensis, nikolskii, omissus, ruthenus, sibiricus, tarimensis, tibetanus, turcomanus, ussuriensis, yenisseensis*)	
			Bubo bengalensis (Franklin, 1831)	Species split
Bubo cinerascens Guérin-Méneville, 1843	II/B	<	*Bubo africanus* (Temminck, 1821)	Species lump
Bubo vosseleri Reichenow, 1908	II/B	<	*Bubo poensis* Fraser, 1854	Species lump
Glaucidium castanonotum (Blyth, 1852)	II/B	=	*Glaucidium castanotum* (Blyth, 1852)	Spelling correction
N/A	II/B		*Glaucidium mooreorum* Silva, Coelho & Gonzaga, 2003	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Gymnoglaux lawrencii Sclater & Salvin, 1868	II/B	=	*Margarobyas lawrencii* (Sclater & Salvin, 1868)	Generic change
Ninox affinis isolata E. C. S. Baker, 1926	II/B	=	*Ninox scutulata isolata* E. C. S. Baker, 1926	Subspecies transfer
Ninox affinis rexpimenti Abdulali, 1979	II/B	=	*Ninox scutulata rexpimenti* Abdulali, 1979	Subspecies transfer
Ninox boobook (Latham, 1802)	II/B	>	*Ninox boobook* (Latham, 1802) (including sspp. *boobook, cinnamomina, fusca, halmaturina, moae, ocellata, plesseni, pusilla, remigialis, rotiensis,*)	
			Ninox lurida De Vis, 1887	Species split
N/A	II/B		*Ninox burhani* Indrawan & Somadikarta, 2004	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
N/A			*Ninox leventisi* Rasmussen, Allen, Collar, DeMeulemeester, Hutchinson, Jakosalem, Kennedy, Lambert & Paguntalan, 2012	New species
Ninox novaeseelandiae (J. F. Gmelin, 1788)	II/B	>	*Ninox novaeseelandiae* (J. F. Gmelin, 1788) (including sspp. *novaeseelandiae, albaria, undulata*)	
			Ninox leucopsis (Gould, 1838)	Species split
Ninox philippensis Bonaparte, 1855	II/B	>	*Ninox philippensis* Bonaparte, 1855 (including sspp. *philippensis* [syn. *proxima*], *centralis, ticaoensis*)	
			Ninox mindorensis Ogilvie-Grant, 1896	Species split
			Ninox reyi Oustalet, 1880	Species split

Dickinson (2003)	CITES Appendix/ EU Annex		Dickinson & Remsen (2013)	Notes
			Ninox spilocephala Tweeddale, 1879	Species split
			Ninox spilonotus Bourns & Worcester, 1894 (including sspp. *spilonotus, fisheri* Rasmussen, Allen, Collar, DeMeulemeester, Hutchinson, Jakosalem, Kennedy, Lambert & Paguntalan, 2012)	Species split
N/A			*Ninox rumseyi* Rasmussen, Allen, Collar, DeMeulemeester, Hutchinson, Jakosalem, Kennedy, Lambert & Paguntalan, 2012	New species
Ninox scutulata (Raffles, 1822)	II/B	>	*Ninox scutulata* (Raffles, 1822) (including sspp. *scutulata, borneensis, burmanica, hirsuta, isolata, javanensis, lugubris, obscura, palawanensis, rexpimenti*)	
			Ninox japonica (Temminck & Schlegel, 1845) (including sspp. *japonica, florensis, totogo*)	Species split
			Ninox randi Deignan, 1951	Species split
Ninox squamipila (Bonaparte, 1850)	II/B	>	*Ninox squamipila* (Bonaparte, 1850) (including sspp. *squamipila, hantu*)	
			Ninox forbesi P. L. Sclater, 1883	Species split
			Ninox hypogramma (G. R. Gray, 1861)	Species split
Ninox superciliaris (Vieillot, 1817)	II/B	=	*Athene superciliaris* (Vieillot, 1817)	Generic change
Nyctea scandiaca (Linnaeus, 1758)	II/A	=	*Bubo scandiacus* (Linnaeus, 1758)	Generic change
Otus albogularis (Cassin, 1849)	II/B	=	*Megascops albogularis* (Cassin, 1849)	Generic change
Otus asio (Linnaeus, 1758)	II/B	=	*Megascops asio* (Linnaeus, 1758)	Generic change
Otus atricapilla (Temminck, 1822)	II/B	=	*Megascops atricapilla* (Temminck, 1822)	Generic change
Otus barbarus (Sclater & Salvin, 1868)	II/B	=	*Megascops barbarus* (Sclater & Salvin, 1868)	Generic change
Otus clarkii L. & E. H. Kelso, 1935	II/B	=	*Megascops clarkii* (L. & E. H. Kelso, 1935)	Generic change
Otus choliba (Vieillot, 1817)	II/B	=	*Megascops choliba* (Vieillot, 1817)	Generic change
Otus colombianus Traylor, 1952	II/B	=	*Megascops colombianus* (Traylor, 1952)	Generic change
Otus cooperi (Ridgway, 1878)	II/B	=	*Megascops cooperi* (Ridgway, 1878)	Generic change
Otus guatemalae (Sharpe, 1875)	II/B	=	*Megascops guatemalae* (Sharpe, 1875)	Generic change
Otus hoyi C. König & Straneck, 1989	II/B	=	*Megascops hoyi* (C. König & Straneck, 1989)	Generic change
Otus ingens (Salvin, 1897)	II/B	=	*Megascops ingens* (Salvin, 1897)	Generic change
Otus kennicottii (Elliot, 1867)	II/B	=	*Megascops kennicottii* (Elliot, 1867)	Generic change
Otus koepckeae Hekstra, 1982	II/B	=	*Megascops koepckeae* (Hekstra, 1982)	Generic change
Otus madagascariensis (A. Grandidier, 1867)	II/B	<	*Otus rutilus* (Pucheran, 1849)	Species lump
Otus magicus siaoensis (Schlegel, 1873)	II/B	=	*Otus manadensis siaoensis* (Schlegel, 1873)	Subspecies transfer

Dickinson (2003)	CITES Appen-dix/ EU Annex		Dickinson & Remsen (2013)	Notes
Otus marshalli Weske & Terborgh, 1981	II/B	=	*Megascops marshalli* (Weske & Terborgh, 1981)	Generic change
Otus nudipes (Daudin, 1800)	II/B	=	*Megascops nudipes* (Daudin, 1800)	Generic change
Otus petersoni Fitzpatrick & O'Neill, 1986	II/B	=	*Megascops petersoni* (Fitzpatrick & O'Neill, 1986)	Generic change
Otus roboratus Bangs & Noble, 1918	II/B	=	*Megascops roboratus* (Bangs & Noble, 1918)	Generic change
Otus sanctaecatarinae (Salvin, 1897)	II/B	=	*Megascops sanctaecatarinae* (Salvin, 1897)	Generic change
Otus seductus R. T. Moore, 1941	II/B	=	*Megascops seductus* (R. T. Moore, 1941)	Generic change
N/A	II/B		*Otus thilohoffmanni* Warakagoda & Rasmussen, 2004	New species. Already adopted at CoP16 referring to original publication, see Res. Conf. 12.11 (rev. CoP16).
Otus trichopsis (Wagler, 1832)	II/B	=	*Megascops trichopsis* (Wagler, 1832)	Generic change
Otus watsonii (Cassin, 1848)	II/B	=	*Megascops watsonii* (Cassin, 1849)	Generic change and date correction
Pseudoscops clamator (Vieillot, 1808)	II/B	=	*Asio clamator* (Vieillot, 1808)	Generic change
Strix albitarsis (Bonaparte, 1850)	II/B	=	*Ciccaba albitarsis* (Bonaparte, 1850)	Generic change
Strix virgata (Cassin, 1849)	II/B	=	*Ciccaba virgata* (Cassin, 1849)	Generic change
TYTONIDAE				
Phodilus prigoginei Schouteden, 1952	II/B	=	*Tyto prigoginei* (Schouteden, 1952)	Generic change
Tyto alba (Scopoli, 1769)	II/A	>	*Tyto alba* (Scopoli, 1769) (including sspp. *alba, bargei, bondi, contempta, detorta, erlangeri, ernesti, furcata, gracilirostris, guatemalae, guttata, hypermetra, insularis, javanica, nigrescens, niveicauda, poensis, pratincola, punctatissima, schmitzi, stertens, thomensis, tuidara, zottae*)	
			Tyto delicatula (Gould, 1837) (including sspp. *delicatula, crassirostris, interposita, meeki, sumbaensis*)	Species split
			Tyto deroepstorffi (Hume, 1875)	Species split
Tyto capensis (A. Smith, 1834)	II/B	>	*Tyto capensis* (A. Smith, 1834) (including sspp. *capensis, cameroonensis*)	
			Tyto longimembris (Jerdon, 1839) (including sspp. *longimembris, amauronota, chinensis* [syn. *pithecops*], *papuensis*)	Species split
Tyto novaehollandiae (Stephens, 1826)	II/B	>	*Tyto novaehollandiae* (Stephens, 1826) (including sspp. *novaehollandiae, calabyi, galei, kimberli, melvillensis*)	
			Tyto castanops (Gould, 1837)	Species split

Species identified until February 2014

within the family Chamaeleonidae and the genus *Phelsuma*

1. Chamaeleonidae

Archaius tigris (Kuhl, 1820)

Bradypodion atromontanum Branch, Tolley & Tilbury, 2006

Bradypodion caeruleogula Raw & Brothers, 2008

Bradypodion caffer (Boettger, 1889)

Bradypodion damaranum (Boulenger, 1887)

Bradypodion dracomontanum Raw, 1976

Bradypodion gutturale (Smith, 1849)

Bradypodion kentanicum (Hewitt, 1935)

Bradypodion melanocephalum (Gray, 1865)

Bradypodion nemorale Raw, 1978

Bradypodion ngomeense Tilbury & Tolley, 2009

Bradypodion occidentale (Hewitt, 1935)

Bradypodion pumilum (Gmelin, 1789)

Bradypodion setaroi Raw, 1976

Bradypodion taeniabronchum (Smith, 1831)

Bradypodion thamnobates Raw, 1976

Bradypodion transvaalense (Fitzsimons, 1930)

Bradypodion ventrale (Gray, 1845)

Brookesia ambreensis Raxworthy & Nussbaum, 1995

Brookesia antakarana Raxworthy & Nussbaum, 1995

Brookesia bekolosy Raxworthy & Nussbaum, 1995

Brookesia betschi Brygoo, Blanc & Domergue, 1974

Brookesia bonsi Ramanantsoa, 1980

Brookesia brunoi Crottini, Miralles, Glaw, Harris, Lima & Vences, 2012

Brookesia brygooi Raxworthy & Nussbaum, 1995

Brookesia confidens Glaw, Köhler, Townsend & Vences, 2012

Brookesia decaryi Angel, 1938

Brookesia dentata Mocquard, 1900

Brookesia desperata Glaw, Köhler, Townsend & Vences, 2012

Brookesia ebenaui (Boettger, 1880)

Brookesia exarmata Schimmenti & Jesu, 1996

Brookesia griveaudi Brygoo, Blanc & Domergue, 1974

Brookesia karchei Brygoo, Blanc & Domergue, 1970

Brookesia lambertoni Brygoo & Domergue, 1970

Brookesia lineata Raxworthy & Nussbaum, 1995

Brookesia micra Glaw, Köhler, Townsend & Vences, 2012

Brookesia minima Boettger, 1893

Brookesia perarmata (Angel, 1933)

Brookesia peyrierasi Brygoo, Blanc & Domergue, 1974

Brookesia ramanantsoai Brygoo & Domergue, 1975

Brookesia stumpffi Boettger, 1894

Brookesia superciliaris (Kuhl, 1820)

Brookesia therezieni Brygoo & Domergue, 1969

Brookesia thieli Brygoo & Domergue, 1969

Brookesia tristis Glaw, Köhler, Townsend & Vences, 2012

Brookesia tuberculata Mocquard, 1894

Brookesia vadoni Brygoo & Domergue, 1968

Brookesia valerieae Raxworthy, 1991

Calumma amber Raxworthy & Nussbaum, 2006

Calumma ambreense (Ramanantsoa, 1974)

Calumma andringitraense (Brygoo, Blanc & Domergue, 1972)

Calumma boettgeri (Boulenger, 1888)

Calumma brevicorne (Günther, 1879)

Calumma capuroni (Brygoo, Blanc & Domergue, 1972)

Calumma crypticum Raxworthy & Nussbaum, 2006

Calumma cucullatum (Gray, 1831)

Calumma fallax (Mocquard, 1900)

Calumma furcifer (Vaillant & Grandidier, 1880)

Calumma gallus (Günther, 1877)

Calumma gastrotaenia (Boulenger, 1888)

Calumma glawi Böhme, 1997

Calumma globifer (Günther, 1879)

Calumma guibei (Hillenius, 1959)

Calumma guillaumeti (Brygoo, Blanc & Domergue, 1974)

Calumma hafahafa Raxworthy & Nussbaum, 2006

Calumma hilleniusi (Brygoo, Blanc & Domergue, 1973)

Calumma jejy Raxworthy & Nussbaum, 2006

Calumma linotum (Müller, 1924)

Calumma malthe (Günther, 1879)

Calumma marojezense (Brygoo, Blanc & Domergue, 1970)

Calumma nasutum (Duméril & Bibron, 1836)

Calumma oshaughnessyi (Günther, 1881)

Calumma parsonii (Cuvier, 1824)

Calumma peltierorum Raxworthy & Nussbaum, 2006

Calumma peyrierasi (Brygoo & Domergue, 1974)

Calumma tarzan Gehring, Pabijan, Ratsoavina, Köhler, Vences & Glaw, 2010

Calumma tsaratananense (Brygoo & Domergue, 1968)

Calumma tsycorne Raxworthy & Nussbaum, 2006

Calumma vatosoa Andreone, Mattioli, Jesu & Randrianirina, 2001

Calumma vencesi Andreone, Mattioli, Jesu & Randrianirina, 2001

Calumma vohibola Gehring, Ratsoavina, Vences & Glaw, 2011

Chamaeleo africanus Laurenti, 1768

Chamaeleo anchietae Bocage, 1872

Chamaeleo arabicus Matschie, 1893

Chamaeleo calcaricarens Böhme, 1985

Chamaeleo calyptratus Duméril & Duméril, 1851

Chamaeleo chamaeleon (Linnaeus, 1758)

Chamaeleo dilepis Leach, 1819

Chamaeleo gracilis Hallowell, 1844

Chamaeleo laevigatus Gray, 1863

Chamaeleo monachus Gray, 1865

Chamaeleo namaquensis Smith, 1831

Chamaeleo necasi Ullenbruch, Krause & Böhme, 2007

Chamaeleo senegalensis Daudin, 1802

Chamaeleo zeylanicus Laurenti, 1768

Furcifer angeli (Brygoo & Domergue, 1968)

Furcifer antimena (Grandidier, 1872)

Furcifer balteatus (Duméril & Bibron, 1851)

Furcifer belalandaensis (Brygoo & Domergue, 1970)

Furcifer bifidus (Brongniart, 1800)

Furcifer campani (Grandidier, 1872)

Furcifer cephalolepis (Günther, 1880)

Furcifer labordi (Grandidier, 1872)

Furcifer lateralis (Gray, 1831)

Furcifer major (Brygoo, 1971)

Furcifer minor (Günther, 1879)

Furcifer nicosiai Jesu, Mattioli & Schimmenti, 1999

Furcifer oustaleti (Mocquard, 1894)

Furcifer pardalis (Cuvier, 1829)

Furcifer petteri (Brygoo & Domergue, 1966)

Furcifer polleni (Peters 1874)

Furcifer rhinoceratus (Gray, 1843)

Furcifer timoni Glaw, Köhler & Vences, 2009

Furcifer tuzetae (Brygoo, Bourgat & Domergue, 1972)

Furcifer verrucosus (Cuvier, 1829)

Furcifer viridis Florio, Ingram, Rakotondravony, Louis & Raxworthy, 2012

Furcifer willsii (Günther, 1890)

Kinyongia adolfifriderici (Sternfeld, 1912)

Kinyongia asheorum Necas, Sindaco, Koreny, Kopecna, Malonza & Modry, 2009

Kinyongia boehmei (Lutzmann & Necas, 2002)

Kinyongia carpenteri (Parker, 1929)

Kinyongia excubitor (Barbour, 1911)

Kinyongia fischeri (Reichenow, 1887)

Kinyongia gyrolepis Greenbaum, Tolley, Joma & Kusamba, 2012

Kinyongia magomberae Menegon, Tolley, Jones, Rovero, Marshall & Tilbury, 2009

Kinyongia matschiei (Werner, 1895)

Kinyongia multituberculata (Nieden, 1913)

Kinyongia oxyrhina (Klaver & Böhme, 1988)

Kinyongia tavetana (Steindachner, 1891)

Kinyongia tenue (Matschie, 1892)

Kinyongia uluguruensis (Loveridge, 1957)

Kinyongia uthmoelleri (Müller, 1938)

Kinyongia vanheygeni Necas, 2009

Kinyongia vosseleri (Nieden, 1913)

Kinyongia xenorhina (Boulenger, 1901)

Nadzikambia baylissi Branch & Tolley, 2010

Nadzikambia mlanjensis (Broadley, 1965)

Palleon lolontany (Raxworthy & Nussbaum, 1995)

Palleon nasus (Boulenger, 1887)

Rhampholeon acuminatus Mariaux & Tilbury, 2006

Rhampholeon beraduccii Mariaux & Tilbury, 2006

Rhampholeon boulengeri Steindachner, 1911

Rhampholeon chapmanorum Tilbury, 1992

Rhampholeon gorongosae Broadley, 1971

Rhampholeon marshalli Boulenger, 1906

Rhampholeon moyeri Menegon, Salvidio & Tilbury, 2002

Rhampholeon nchisiensis (Loveridge, 1953)

Rhampholeon platyceps Günther, 1893

Rhampholeon spectrum (Buchholz, 1874)

Rhampholeon spinosus (Matschie, 1892)

Rhampholeon temporalis (Matschie, 1892)

Rhampholeon uluguruensis Tilbury & Emmrich, 1996

Rhampholeon viridis Mariaux & Tilbury, 2006

Rieppeleon brachyurus (Günther, 1893)

Rieppeleon brevicaudatus (Matschie, 1892)

Rieppeleon kerstenii (Peters, 1868)

Rieppeleon robecchii (Boulenger, 1891)

Trioceros affinis (Rüppell, 1845)

Trioceros balebicornutus (Tilbury, 1998)

Trioceros bitaeniatus (Fischer, 1884)

Trioceros camerunensis (Müller, 1909)

Trioceros chapini (De Witte, 1964)

Trioceros conirostratus (Tilbury, 1998)

Trioceros cristatus (Stutchbury, 1837)

Trioceros deremensis (Matschie, 1892)

Trioceros eisentrauti (Mertens, 1968)

Trioceros ellioti (Günther, 1895)

Trioceros feae (Boulenger, 1906)

Trioceros fuelleborni (Tornier, 1900)

Trioceros goetzei (Tornier, 1899)

Trioceros hanangensis Krause & Böhme, 2010

Trioceros harennae (Largen, 1995)

Trioceros hoehnelii (Steindachner, 1891)

Trioceros incornutus (Loveridge, 1932)

Trioceros ituriensis (Schmidt, 1919)

Trioceros jacksonii (Boulenger, 1896)

Trioceros johnstoni (Boulenger, 1901)

Trioceros kinangopensis Stipala, Lutzmann, Malonza, Wilkinson, Godley, Nyamache & Evans, 2012

Trioceros kinetensis (Schmidt, 1943)

Trioceros laterispinis (Loveridge, 1932)

Trioceros marsabitensis (Tilbury, 1991)

Trioceros melleri (Gray, 1865)

Trioceros montium (Buchholz, 1874)

Trioceros narraioca (Necas, Modry & Slapeta, 2003)

Trioceros ntunte (Necas, Modry & Slapeta, 2005)

Trioceros nyirit Stipala, Lutzmann, Malonza, Borghesio, Wilkinson, Godley & Evans, 2011

Trioceros oweni (Gray, 1831)

Trioceros perreti (Klaver & Böhme, 1992)

Trioceros pfefferi (Tornier, 1900)

Trioceros quadricornis (Tornier, 1899)

Trioceros rudis (Boulenger, 1906)

Trioceros schoutedeni (Laurent, 1952)

Trioceros schubotzi (Sternfeld, 1912)

Trioceros serratus (Mertens, 1922)

Trioceros sternfeldi (Rand, 1963)

Trioceros tempeli (Tornier, 1899)

Trioceros tremperi (Necas, 1994)

Trioceros werneri (Tornier, 1899)

Trioceros wiedersheimi (Nieden, 1910)

2. *Phelsuma* spp.

Phelsuma abbotti Stejneger, 1893

Phelsuma andamanense Blyth, 1861

Phelsuma antanosy Raxworthy & Nussbaum, 1993

Phelsuma astriata Tornier, 1901

Phelsuma barbouri Loveridge, 1942

Phelsuma berghofi Krüger, 1996

Phelsuma borai Glaw, Köhler & Vences, 2009

Phelsuma borbonica Mertens, 1966

Phelsuma breviceps Boettger, 1894

Phelsuma cepediana (Milbert, 1812)

Phelsuma comorensis Boettger, 1913

Phelsuma dorsivittata Mertens, 1964

Phelsuma dubia (Boettger, 1881)

Phelsuma edwardnewtoni Vinson & Vinson, 1969

Phelsuma flavigularis Mertens, 1962

Phelsuma gigas Lienard, 1842

Phelsuma gouldi Crottini, Gehring, Glaw, Harris, Lima & Vences, 2011

Phelsuma grandis Gray, 1870

Phelsuma guentheri Boulenger, 1885

Phelsuma guimbeaui Mertens, 1963

Phelsuma guttata Kaudern, 1922

Phelsuma hielscheri Rösler, 2001

Phelsuma hoeschi Berghof & Trautmann, 2009

Phelsuma inexpectata Mertens, 1966

Phelsuma kely Schönecker, Bach & Glaw, 2004

Phelsuma klemmeri Seipp, 1991

Phelsuma kochi Mertens, 1954

Phelsuma laticauda (Boettger, 1880)

Phelsuma lineata Gray, 1842

Phelsuma madagascariensis Gray, 1831

Phelsuma malamakibo Nussbaum, Raxworthy, Raselimanana& Ramanamanjato, 2000

Phelsuma masohoala Raxworthy & Nussbaum, 1994

Phelsuma modesta Mertens, 1970

Phelsuma mutabilis (Grandidier, 1869)

Phelsuma nigristriata Meier, 1984

Phelsuma ornata Gray, 1825

Phelsuma parkeri Loveridge, 1941

Phelsuma parva Meier, 1983

Phelsuma pasteuri Meier, 1984

Phelsuma pronki Seipp, 1994

Phelsuma pusilla Mertens, 1964

Phelsuma quadriocellata (Peters, 1883)

Phelsuma ravenala Raxworthy, Ingram, Rabibisoa & Pearson, 2007

Phelsuma robertmertensi Meier, 1980

Phelsuma roesleri Glaw, Gehring, Köhler, Franzen & Vences, 2010

Phelsuma rosagularis Vinson & Vinson, 1963

Phelsuma seippi Meier, 1987

Phelsuma serraticauda Mertens, 1963

Phelsuma standingi Methuen & Hewitt, 1913

Phelsuma sundbergi Rendahl, 1939

Phelsuma v-nigra Boettger, 1913

Phelsuma vanheygeni Lerner, 2004

UNEP-WCMC **technical report**

Reptile taxonomy

New species and other proposed taxonomic changes relating to reptile species listed in the EU wildlife trade regulations (which includes all CITES listed species)

Reptile taxonomy: New species and other proposed taxonomic changes relating to reptile species listed in the EU wildlife trade regulations (including CITES listed species)

Prepared for

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Introduction

This report provides an overview of recent reptile taxonomic and nomenclature changes proposed in the scientific literature, to inform nomenclature discussions by the CITES Animals Committee.

At CITES CoP 16, a number of new CITES standard references were adopted for fauna (see http://www.cites.org/eng/res/12/12-11R16.php). These are also the standard references determining nomenclature in the EU Wildlife Trade Regulations (most recently Commission Regulation (EC) 750/2013). Since these references were compiled, a number of new species have been described and a number of other taxa have been subject to taxonomic revisions (splits and lumps) that may have implications for the names used and taxa included in CITES and in the EU Wildlife Trade Regulations.

The table below contains a list of taxonomic changes identified in recent publications relating to reptiles (except for Chamaeleonidae spp. and *Phelsuma* spp.) listed in CITES and in the EU Wildlife Trade Regulations that were not taken into account in the decisions adopted at CITES CoP 16.

With regard to generic changes, it is noted that Hoser (2013b) and Stanley *et al*. (2011) contain conflicting proposals to change the genus of six *Cordylus* species (*C. breyeri, C. langi, C. mossambicus, C. regius, C. vandami* and *C. warreni*) and Hoser (2012a) and Reynolds *et al*., (2014) contain conflicting proposals to change the genus of four *Morelia* species (*M. amethistina, M. clastolepis, M. nauta* and *M. tracyae*).

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
SAURIA					
CORDYLIDAE					
Cordylus barbertonensis (van Dam, 1921)	II/B	<[11]	*Smaug warreni* (Boulenger, 1908)	Stanley *et al.* (2011)	Species lump
Cordylus breyeri (Van Dam, 1921)	II/B	=[12]	*Cottonsaurus breyeri* (Van Dam, 1921)	Hoser (2013b)	Generic change
Cordylus breyeri(Van Dam, 1921)	II/B	=	*Smaug breyeri* (Van Dam, 1921)	Stanley *et al.* (2011)	Generic change
Cordylus campbelli (FitzSimons, 1938)	II/B	=	*Namazonurus campbelli* (FitzSimons, 1938)	Stanley *et al.* (2011)	Generic change
Cordylus capensis A. Smith, 1838	II/B	=	*Hemicordylus capensis* (Smith, 1838)	Stanley *et al.* (2011)	Generic change
Cordylus cataphractus Boie, 1828	II/B	=	*Ouroborus cataphractus* (Boie, 1828)	Stanley *et al.* (2011)	Generic change
Cordylus coeruleopunctatus (Hewitt & Methuen, 1913)	II/B	=	*Ninurta coeruleopunctatus* (Hewitt & Methuen, 1913)	Stanley *et al.* (2011)	Generic change
Cordylus depressus (FitzSimons, 1930)	II/B	<	*Smaug warreni* (Boulenger, 1908)	Stanley *et al.* (2011)	Species lump
Cordylus fasciatus A. Smith, 1838	II/B	<	*Pseudocordylus microlepidotus* (Cuvier, 1829)	Stanley *et al.* (2011)	Species lump
Cordylus giganteus A. Smith, 1844	II/B	=	*Smaug giganteus* (Smith, 1844)	Stanley *et al.* (2011)	Generic change
Cordylus jordani (Parker, 1936)	II/B	=	*Karusaurus jordani* (Parker, 1936)	Stanley *et al.* (2011)	Generic change
Cordylus langi (Loveridge, 1944)	II/B	=	*Ninsaurus langi* (Loveridge, 1944)	Hoser (2013b)	Generic change
Cordylus langi (Loveridge, 1944)	II/B	=	*Pseudocordylus langi* Loveridge, 1944	Stanley *et al.* (2011)	Generic change
Cordylus lawrenci (FitzSimons, 1939)	II/B	=	*Namazonurus lawrenci* (FitzSimons, 1939)	Stanley *et al.* (2011)	Generic change
N/A	II/B		*Cordylus marunguensis* Greenbaum, Stanley, Kusamba, Moninga, Goldberg & Bursey, 2012	Greenbaum *et al.* (2012)	New species
Cordylus melanotus A. Smith, 1838	II/B	=	*Pseudocordylus melanotus* (Smith, 1838)	Stanley *et al.* (2011)	Generic change
Cordylus microlepidotus Cuvier, 1829	II/B	=	*Pseudocordylus microlepidotus* (Cuvier, 1829)	Stanley *et al.* (2011)	Generic change
Cordylus mossambicus FitzSimons, 1958	II/B	=	*Cottonsaurus mossambicus* (FitzSimons, 1958)	Hoser (2013b)	Generic change
Cordylus mossambicus FitzSimons, 1958	II/B	=	*Smaug mossambicus* (FitzSimons, 1958)	Stanley *et al.* (2011)	Generic change

[11] *Species lumps (indicated by the symbol "<") refer to taxa currently recognised as separate but that have been grouped together under another name in the associated reference.*

[12] *The symbol "=" is used to indicate taxonomic or nomenclature changes that do not involve a change in the scope of the taxon in question.*

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
Cordylus namaquensis (Methuen & Hewitt, 1914)	II/B	=	*Namazonurus namaquensis* (Methuen & Hewitt, 1914)	Stanley *et al.* (2011)	Generic change
Cordylus nebulosus (Mouton & Van Wyk, 1995)	II/B	=	*Hemidactylus nebulosus* (Mouton & Van Wyk, 1995)	Stanley *et al.* (2011)	Generic change
Cordylus peersi (Hewitt, 1932)	II/B	=	*Namazonurus peersi* (Hewitt, 1932)	Stanley *et al.* (2011)	Generic change
Cordylus polyzonus A. Smith, 1838	II/B	=	*Karusaurus polyzonus* (Smith, 1838)	Stanley *et al.* (2011)	Generic change
Cordylus pustulatus (Peters, 1862)	II/B	=	*Namazonurus pustulatus* (Peters, 1862)	Stanley *et al.* (2011)	Generic change
Cordylus regius Broadley, 1962	II/B	=	*Cottonsaurus regius* (Broadley, 1962)	Hoser (2013b)	Generic change
Cordylus regius Broadley, 1962	II/B	=	*Smaug regius* (Broadley, 1962)	Stanley *et al.* (2011)	Generic change
Cordylus spinosus FitzSimons, 1947	II/B	=	*Pseudocordylus spinosus* FitzSimons, 1947	Stanley *et al.* (2011)	Generic change
Cordylus subviridis A. Smith, 1838	II/B	=	*Pesudocordylus subviridis* (Smith, 1838)	Stanley *et al.* (2011)	Generic change
Cordylus tasmani Broadley, 1971	II/B	<	*Cordylus cordylus (Linnaeus, 1758),*	Stanley *et al.* (2011)	Species lump
Cordylus transvaalensis (FitzSimons, 1943)	II/B	=	*Pseudocordylus transvaalensis* FitzSimons, 1943	Stanley *et al.* (2011)	Generic change
Cordylus vandami FitzSimons, 1930	II/B	=	*Cottonsaurus vandami* (FitzSimons, 1930)	Hoser (2013b)	Generic change
Cordylus vandami FitzSimons, 1930	II/B	=	*Smaug vandami* (FitzSimons, 1930)	Stanley *et al.* (2011)	Generic change
Cordylus warreni (Boulenger, 1908)	II/B	=	*Cottonsaurus warreni* (Boulenger, 1908)	Hoser (2013b)	Generic change
Cordylus warreni (Boulenger, 1908)	II/B	=	*Smaug warreni* (Boulenger, 1908)	Stanley *et al.* (2011)	Generic change
GEKKONIDAE					
Hoplodactylus chrysosireticus Robb, 1980	III/C (NZ)	=	*Woodworthia chrysosireticus* (Robb, 1980)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus cryptozoicus Jewell & Leschen, 2004	III/C (NZ)	=	*Mokopirirakau cryptozoicus* (Jewell & Leschen, 2004)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus granulatus (Gray, 1845)	III/C (NZ)	=	*Mokopirirakau granulatus* (Gray, 1845)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus kahutarae Whitaker, 1895	III/C (NZ)	=	*Mokopirirakau kahutarae* (Whitaker, 1895)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus maculatus (Gray, 1845)	III/C (NZ)	=	*Woodworthia maculatus* (Gray, 1845)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus nebulosus (McCann, 1955)	III/C (NZ)	=	*Mokopirirakau nebulosus* (McCann, 1955)	Nielsen *et al.* (2011)	Generic change

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
Hoplodactylus pacificus (Gray, 1842)	III/C (NZ)	>[13]	*Dactylocnemis pacificus* (Gray, 1842)	Nielsen *et al.* (2011)	Generic change
			Woodworthia brunneus (Cope, 1869)	Nielsen *et al.* (2011)	Species split
Hoplodactylus rakiurae Thomas, 1981	III/C (NZ)	=	*Tukutuku rakiurae* (Thomas, 1981)	Nielsen *et al.* (2011)	Generic change
Hoplodactylus stephensi Robb, 1980	III/C (NZ)	=	*Toropuku stephensi* (Robb, 1980)	Nielsen *et al.* (2011)	Generic change
TEIIDAE					
Tupinambis duseni Lönnberg, 1896	II/B	=	*Salvator duseni* Lönnberg, 1910	Harvey *et al.* (2012)	Generic change
Tupinambis merianae (Duméril & Bibron, 1839)	II/B	=	*Salvator merianae* (Duméril & Bibron, 1839)	Harvey *et al.* (2012)	Generic change
Tupinambis rufescens (Günther, 1871)	II/B	=	*Salvator rufescens* (Günther, 1871)	Harvey *et al.* (2012)	Generic change
SERPENTES					
BOIDAE					
N/A	I/A		*Acrantophis sloppi* Hoser, 2013a	Hoser (2013a)	New species
Boa constrictor Linnaeus, 1758	II/B	>	*Boa imperator* Daidin, 1803	Reynolds *et al.* (2014)	Species split
Charina bottae (Blainville, 1835)	II/B	>	*Charina umbratica* Klauber, 1943	Reynolds *et al.* (2014)	Species split
Chilabothrus angulifer Bibron, 1840	II/B	=	*Chilabothrus angulifer* (Bibron, 1843)	Reynolds *et al.* (2013)	Generic change
Corallus annulatus(Cope, 1875)	II/B	>	*Corallus blombergi* (Rendahl & Vestergren, 1941)	Henderson *et al.* (2013)	Species split
Epicrates chrysogaster (Cope, 1871)	II/B	=	*Chilabothrus chrysogaster* (Cope, 1871)	Reynolds *et al.* (2013)	Generic change
Epicrates exsul Netting & Goin, 1944	II/B	=	*Chilabothrus exsul* (Netting & Goin, 1944)	Reynolds *et al.* (2013)	Generic change
Epicrates fordi (Günther, 1861)	II/B	=	*Chilabothrus fordi* (Günther, 1861)	Reynolds *et al.* (2013)	Generic change
Epicrates gracilis (Fischer, 1888)	II/B	=	*Chilabothrus gracilis* (Fischer, 1888)	Reynolds *et al.* (2013)	Generic change
Epicrates inornatus (Reinhardt, 1843)	I/A	=	*Chilabothrus inornatus* (Reinhardt, 1843)	Reynolds *et al.* (2013)	Generic change
Epicrates monensis Zenneck, 1898	I/A	=	*Chilabothrus monensis* (Zenneck, 1898)	Reynolds *et al.* (2013)	Generic change
Epicrates striatus (Fischer, 1856)	II/B	>	*Chilabothrus striatus* (Fischer, 1856)	Reynolds *et al.* (2013)	Generic change

[13] *Species splits (indicated by the symbol ">") refer to cases where a currently recognised taxon has been split into various taxa in the associated reference*

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
			Chilabothrus strigilatus (Cope, 1862)	Reynolds *et al.* (2013)	Species split
Epicrates subflavus Stejneger, 1901	I/A	=	*Chilabothrus subflavus* (Stejneger, 1901)	Reynolds *et al.* (2013)	Generic change
Eryx jayakari Boulenger, 1888	II/B	=	*Pseudogongylophis jayakari* (Boulenger, 1888)	Hoser (2013a)	Generic change
Gongylophis colubrinus (Linnaeus, 1758)	II/B	=	*Eryx colubrinus* (Linnaeus, 1758)	Reynolds *et al.* (2014)	Generic change
Gongylophis conicus (Schneider, 1801)	II/B	=	*Eryx conicus* (Schneider, 1801)	Reynolds *et al.* (2014)	Generic change
Gongylophis muelleri Boulenger, 1892	II/B	=	*Eryx muelleri* (Boulenger, 1892)	Reynolds *et al.* (2014)	Generic change
Sanzinia madagascariensis (Duméril & Bibron, 1844)	I/A	>	*Sanzinia volontany* Vences & Glaw, 2004	Reynolds *et al.* (2014)	Species split
COLUBRIDAE					
Xenochrophis piscator (Schneider, 1799)	III/C (IN)	>	*Xenochrophis schnurrenbergeri* Kramer, 1977	Purkayastha *et al.* (2010), Vogel & David (2006, 2012)	Species split
			Xenochrophis tytleri (Blyth, 1863)	Vogel & David (2006, 2012)	Species split
ELAPIDAE					
Micrurus diastema (Duméril, Bibron & Duméril, 1854)	III/C (HN)	=	*Hoserelapidea diastema* (Duméril, Bibron & Duméril, 1854)	Hoser (2012b)	Generic change
Micrurus nigrocinctus (Girard, 1854)	III/C (HN)	>	*Hoserelapidea nigrocinctus* (Girard, 1855)	Hoser (2012b)	Generic change
			Micrurus ruatanus (Günther, 1895)	McCranie 2011, Townsend *et al.* (2013), Uetz (2013)	Species split
PYTHONIDAE					
Apodora papuana (Peters & Doria, 1878)	II/B	=	*Liasis papuanus* Peters & Doria, 1878	Reynolds *et al.* (2014)	Generic change
Antaresia stimsoni (L. A. Smith, 1985)	II/B	=	*Antaresia saxacola* Wells & Wellington, 1985	Hoser (2012a)	Name considered to be valid and to have date priority over *Antaresia stimsoni*
N/A	II/B		*Australiasis funki* Hoser, 2012	Hoser (2012a)	New species
Leiopython albertisii (Peters & Doria, 1878)	II/B	=	*Bothrochilus albertisii* (Peters & Doria, 1878)	Reynolds *et al.* (2014)	Generic change

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
Leiopython bennettorum Hoser, 2000	II/B	=	*Bothrochilus bennettorum* (Hoser, 2000)	Reynolds *et al.* (2014)	Generic change
Leiopython biakensis Schleip, 2008	II/B	=	*Bothrochilus biakensis* (Schleip, 2008)	Reynolds *et al.* (2014)	Generic change
Leiopython fredparkeri Schleip, 2008	II/B	=	*Bothrochilus fredparkeri* (Schleip, 2008)	Reynolds *et al.* (2014)	Generic change
Leiopython hoserae Hoser, 2000	II/B	=	*Bothrochilus hoserae* (Hoser, 2000)	Reynolds *et al.* (2014)	Generic change
Leiopython huonensis Schleip, 2008	II/B	=	*Bothrochilus huonensis* (Schleip, 2008)	Reynolds *et al.* (2014)	Generic change
Morelia amethistina (Schneider, 1801)	II/B	>	*Australiasis amethistina* (Schneider, 1801)	Hoser (2012a)	Generic change
			Australiasis clarki (Barbour, 1914)	Hoser (2012a)	Species split
			Australiasis duceboracensis (Günther, 1879)	Hoser (2012a)	Species split
Morelia amethistina (Schneider, 1801)	II/B	=	*Simalia amethistina* (Schneider, 1801)	Reynolds *et al.* (2014)	Generic change
Morelia boeleni (Brongersma, 1953)	II/B	=	*Simalia boeleni* (Brongersma, 1953)	Reynolds *et al.* (2014)	Generic change
Morelia carinata (L. A. Smith, 1981)	II/B	=	*Jackypython carinata* Hoser, 2009	Hoser (2009), Hoser (2012a)	Generic change
Morelia clastolepis Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Australiasis clastolepis* (Harvey, Barker, Ammerman & Chippindale, 2000)	Hoser (2012a)	Generic change
Morelia clastolepis Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Simalia clastolepis* (Harvey, Barker, Ammerman & Chippindale, 2000)	Reynolds *et al.* (2014)	Generic change
Morelia kinghorni (Stull, 1933)	II/B	=	*Simalia kinghorni* (Stull, 1933)	Reynolds *et al.* (2014)	Generic change
Morelia nauta Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Australiasis nauta* (Harvey, Barker, Ammerman & Chippindale, 2000)	Hoser (2012a)	Generic change
Morelia nauta Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Simalia nauta* (Harvey, Barker, Ammerman & Chippindale, 2000)	Reynolds *et al.* (2014)	Generic change
Morelia oenpelliensis (Gow, 1977)	II/B	=	*Simalia oenpelliensis* (Gow, 1977)	Reynolds *et al.* (2014)	Generic change
Morelia tracyae Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Australiasis tracyae* (Harvey, Barker, Ammerman & Chippindale, 2000)	Hoser (2012a)	Generic change
Morelia tracyae Harvey, Barker, Ammerman & Chippindale, 2000	II/B	=	*Simalia tracyae* (Harvey, Barker, Ammerman & Chippindale, 2000)	Reynolds *et al.* (2014)	Generic change
Morelia viridis (Schlegel, 1872)	II/B	>	*Chondropython viridis* (Schlegel, 1872)	Hoser (2012a)	Generic change

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
			Chondropython azureus Meyer, 1874	Hoser (2012a)	Species split
N/A	II/B		*Morelia wellsi* Hoser, 2012	Hoser (2012a)	New species
Python reticulatus (Schneider, 1801)	II/B	=	*Malayopython reticulatus* (Schneider, 1801)	Reynolds *et al.* (2014)	Generic change
Python timoriensis (Peters, 1876)	II/B	=	*Malayaopython timoriensis* (Peters, 1876)	Reynolds *et al.* (2014)	Generic change
TROPIDOPHIIDAE					
N/A	II/B		*Tropidophis grapiuna* Curcio, Sales Nunes, Suzart Argolo, Skuk & Rodrigues, 2012	Curcio *et al.* (2012)	New species
N/A	II/B		*Tropidophis preciosus* Curcio, Sales Nunes, Suzart Argolo, Skuk & Rodrigues, 2012	Curcio *et al.* (2012)	New species
TESTUDINES					
EMYDIDAE					
Chrysemys picta (Schneider, 1783)	-/B	>	*Chrysemys dorsalis* Agassiz, 1857	Turtle Taxonomy Working Group (2012)	Species split
GEOEMYDIDAE					
Cuora galbinifrons Bourret, 1939	II/B	>	*Cuora bourreti* Obst & Reimann, 1994	Turtle Taxonomy Working Group (2012)	Species split
			Cuora picturata Lehr, Fritz & Obst, 1998	Turtle Taxonomy Working Group (2012)	Species split
N/A	II/B		*Cyclemys enigmatica* Fritz, Guicking, Auer, Sommer, Wink & Hundsdörfer, 2009	Fritz *et al.* (2008), Turtle Taxonomy Working Group (2012)	New species
N/A	II/B		*Cyclemys fusca* Fritz, Guicking, Auer, Sommer, Wink & Hundsdörfer, 2009	Fritz *et al.* (2008), Turtle Taxonomy Working Group (2012)	New species
N/A	II/B		*Cyclemys gemeli* Fritz, Guicking, Auer, Sommer, Wink & Hundsdörfer, 2009	Fritz *et al.* (2008), Turtle Taxonomy Working Group (2012)	New species
Cyclemys oldhamii Gray, 1863	II/B	<	*Cyclemys shanensis* Annandale, 1918	Turtle Taxonomy Working Group (2012)	Species lump

Taxon	CITES Appendix/ EU Annex		Proposed change	References	Notes
Mauremys reevesii (Gray, 1831)	III/C (CN)	<	*Mauremys megalocephala* (Fang, 1934)	Turtle Taxonomy Working Group (2012)	Species lump
TESTUDINIDAE					
Chelenoidis nigra (Quoy & Gaimard, 1824)	I/A	>	*Chelonoidis abingdonii* (Günther, 1877)	Turtle Taxonomy Working Group (2012)	Species split. Extinct since 2012
			Chelonoidis becki (Rothschild, 1901)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis chathamensis (Van Denburgh, 1907)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis darwini (Van Denburgh, 1907)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis duncanensis (Garman *in* Pritchard, 1966)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis hoodensis (Van Denburgh, 1907)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis phantastica (Van Denburgh, 1907)	Turtle Taxonomy Working Group (2012)	Species split. Extinct since ca. 1960
			Chelonoidis porteri (Rothschild, 1903)	Turtle Taxonomy Working Group (2012)	Species split
			Chelonoidis vicina (Günther, 1875)	Turtle Taxonomy Working Group (2012)	Species split
Kinixys belliana (Gray, 1831)	II/B	>	*Kinixys nogueyi* (Lataste, 1886)	Turtle Taxonomy Working Group (2012)	Species split
			Kinixys zombensis Hewitt, 1931	Turtle Taxonomy Working Group (2012)	Species split

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Species information extracted from:
FROST, D.R. (2014):
"Amphibian Species of the World, on online Reference"
V. 6, downloaded February 18 2014

ANURA

BUFONIDAE

Altiphrynoides Dubois, 1987

Altiphrynoides malcolmi (Grandison, 1978)

- *Nectophrynoides malcolmi* Grandison, 1978, Monit. Zool. Ital., N.S., Suppl., 11: 124. Holotype: BMNH 1975.1961, by original designation. Type locality: "6-8 km SE Goba, road to Maslo, Balé Province, Ethiopia, 06° 59′ N-40° 01′ E, elevation 3200 m".
- *Altiphrynoides malcolmi* — Dubois, 1987 "1986", Alytes, 5: 27.

Distribution: *Bale Mountains at altitudes of 3200-4000 m, Bale Province, Ethiopia.*

Comment: *See Largen, 2001, Tropical Zool., 14: 326, for comments on distribution. See photograph, map, description of geographic range and habitat, and conservation status in Stuart, Hoffmann, Chanson, Cox, Berridge, Ramani, and Young, 2008, Threatened Amph. World: 156. See account (as* Altiphrynoides malcolmi*), photograph, and map for Ethiopia by Largen and Spawls, 2010, Amph. Rept. Ethiopia Eritrea: 100-101.*

DENDROBATIDAE

Hyloxalus Jiménez de la Espada, 1870

Hyloxalus azureiventris (Kneller and Henle, 1985)

- *Phyllobates azureiventris* Kneller and Henle, 1985, Salamandra, 21: 62. Holotype: ZFMK 41507, by original designation. Type locality: "km 26, Carretera Tarapoto--Yurimaguas, Departamento San Martín, Peru, ca. 700 m NN".
- *Dendrobates azureiventris* — Myers and Burrowes, 1987, Am. Mus. Novit., 2899: 1-17.
- *Epipedobates azureiventris* — Myers, 1987, Pap. Avulsos Zool., São Paulo, 36: 303.
- *Phyllobates (Pseudendrobates) azureiventris* — Bauer, 1988, Het Paludarium, Netherlands, November: 6.
- *Cryptophyllobates azureiventris* — Lötters, Jungfer, and Widmer, 2000, Jahresheft. Ges. Naturkd. Württemberg, 156: 236.
- *Ameerega azureiventris* — Frost, Grant, Faivovich, Bain, Haas, Haddad, de Sá, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green, and Wheeler, 2006, Bull. Am. Mus. Nat. Hist., 297: 130. by implication.

- *Hyloxalus azureiventris* — Grant, Frost, Caldwell, Gagliardo, Haddad, Kok, Means, Noonan, Schargel, and Wheeler, 2006, Bull. Am. Mus. Nat. Hist., 299: 168.

Distribution: Lower eastern versant of the Andes in the upper Amazon basin of the Department of San Martín, Peru.

Comment: Schulte, 1999, Pfeilgiftfrösche: 245-253, provided an account (as *Epipedobates azureiventris*). See account by Lötters, Jungfer, Henkel, and Schmidt, 2007, Poison Frogs: 317-318. See photograph, map, description of geographic range and habitat, and conservation status (as *Cryptophyllobates azureiventris*) in Stuart, Hoffmann, Chanson, Cox, Berridge, Ramani, and Young, 2008, Threatened Amph. World: 227.

CAUDATA

HONOBIIDAE

Hynobius Tschudi, 1838

Hynobius amjiensis Gu, 1992

- *Hynobius amjiensis* Gu, 1992 "1991", *in* Qian et al. (eds.), Animal Sci. Res.: 39. Holotype: HTC 90301, by original designation. Type locality: "Mount Longwang natural reserve, Anji County, Zhejiang Province; altitude 1300 m", China.
- *Hynobius (Hynobius) amjiensis* — Dubois and Raffaëlli, 2012, Alytes, 28: 77-161.

Distribution: Known only from the Longwangshan Nature Reserve, Anji County, Zhejiang Province, China (30° 23.68'N, 119° 27.32'E), in a marshy meadow of about 7000 square meters, at the top of Longwangshan, ca. 1300 m elevation.

Comment: Not assigned to species group by Thorn, 1968, Salamand. Eur. Asie Afr. Nord: 37. See accounts by Ye, Fei, and Hu, 1993, Rare and Economic Amph. China: 29, and Thorn and Raffaëlli, 2000, Salamand. Ancien Monde: 90. See Fei, 1999, Atlas Amph. China, for figure, brief account, and distribution map. In the Hynobius leechii group of Fei and Ye, 2005, in Fei et al. (eds.), Illust. Key Chinese Amph.: 30 (who only noted Chinese species). Fu, Hayes, Liu, and Zeng, 2003, Acta Zool. Sinica, 49: 585-591, provided a discussion of molecular data in support of the species distinction of this species from Hynobius yiwuensis. Fei, Hu, Ye, and Huang, 2006, Fauna Sinica, Amph. 1: 154-157, provided an account. See brief account by Raffaëlli, 2007, Les Urodèles du Monde: 44. See illustration, map, description of geographic range and habitat, and conservation status in Stuart, Hoffmann, Chanson, Cox, Berridge, Ramani, and Young, 2008, Threatened Amph. World: 549. Fei, Ye, and Jiang, 2010, Colored Atlas of Chinese Amph.: 39, provided a brief account, photographs and illustration of specimens as well as a habitat shot. Fei, Ye, and Jiang, 2012, Colored Atlas Chinese Amph. Distr.: 32–33, provided an account, photographs, and map for China.

Additional species lacking from the current nomenclature fish reference either because species newly listed at and since CoP16 or overlooked by error prior to CoP16

extracted from

ESCHMEYER, W.N. & FRICKE, R. (eds.):

Catalog of Fishes, electronic version (5 February 2014)

Downloaded February 9 2014

Footnotes added by the Nomenclature Specialist of the Animals Committee

ELASMOBRANCHII

CARCHARHINIFORMES

Carcharhinidae

***Carcharhinus longimanus* (POEY, 1861)**

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budkeri*, *Pterolamiops Fourmanoir [P.] 1961:76 [Mémoires de l'Institut Scientifique de Madagascar. Série F. Océanographie v. 4; ref. 9345] Mozambique Channel. Syntypes: (1) 12 miles west of Kalakazoro Island (1) off Majunga. •Synonym of *Carcharhinus longimanus* (Poey 1861) -- (Garrick 1982:150 [ref. 5454], Compagno 1984:484 [ref. 6846], Voigt & Weber 2011:77 [ref. 31424], Castro 2011:438 [ref. 31457]). **Current status:** Synonym of *Carcharhinus longimanus* (Poey 1861). Carcharhinidae. Habitat: marine.

insularum*, *Carcharias Snyder [J. O.] 1904:513, Pl. 1 (fig. 1) [Bulletin of the U. S. Fish Commission v. 22 [1902]; ref. 4149] Off Diamond Head, Oahu Island, Hawaiian Islands, Albatross station 3815, depth 228-312 fathoms. Holotype: USNM 50859. Paratypes: SU 12788-89 (1, 1). Type catalog: Böhlke 1953:9 [ref. 12291], Howe & Springer 1993:8 [ref. 21812]. •Synonym of *Carcharhinus longimanus* (Poey 1861) -- (Garrick 1982:150 [ref. 5454], Compagno 1984:484 [ref. 6846], Mundy 2005:90 [ref. 28379], Voigt & Weber 2011:77 [ref. 31424], Castro 2011:438 [ref. 31457]). **Current status:** Synonym of *Carcharhinus longimanus* (Poey 1861). Carcharhinidae. Habitat: marine.

longimanus*, *Squalus Poey [F.] 1861:338, Pl. 19 (figs. 9-10) [Memorias sobre la historia natural de la Isla de Cuba v. 2; ref. 3499] Cuba, western Atlantic. Holotype (unique): No types known. As *Prionodon longimanus* on plate. On Official List (Opinion 723). Authors point out that *Squalus (Carcharias) maou* Lesson 1830 probably is the same as this species. •Valid as *Carcharhinus longimanus* (Poey 1861) -- (Compagno 1973:24 [ref. 7163], Garrick 1982:150 [ref. 5454], Eschmeyer & Herald 1983:39 [ref. 9277], Compagno 1984:484 [ref. 6846], Branstetter in Whitehead et al. 1984:107 [ref. 13675], Dor 1984:6 [ref. 29757], Nakaya in Masuda et al. 1984:6 [ref. 6441], Bass et al. 1986:74 [ref. 5638], Robins & Ray 1986:26 [ref. 23100], Allen & Swainston 1988:22 [ref. 25477], Scott & Scott 1988:24 [ref. 25518], Paxton et al. 1989:78 [ref. 12442], McAllister 1990:32 [ref. 14674], Springer 1990:106 [ref. 19320], Randall et al. 1990:20 [ref. 15987], Boschung 1992:21 [ref. 23239], Cervigón 1992:173 [ref. 23827], Allen & Robertson 1994:22 [ref. 22193], Gomon et al. 1994:122 [ref. 22532], Last & Stevens 1994:247 [ref. 23873], Goren & Dor 1994:2 [ref. 25356], Compagno et al. in Fischer et al. 1995:677 [ref. 22829], Randall 1995:32 [ref. 22896], Santos et al. 1997:8 [ref. 23531], Allen 1997:42 [ref. 23977], De La Cruz Agüero et al. 1997:28 [ref. 24545], Grove & Lavenberg 1997:81 [ref. 24023], Arruda 1997:18 [ref. 24952], Randall et al. 1997:20 [ref. 25919], Compagno & Niem 1998:1341 [ref. 23787], McEachran & Fechhelm 1998:81 [ref. 23897], Chirichigno F. & Vélez D. 1998:53 [ref. 24555], Myers 1999:34 [ref. 23965], Fricke 1999:20 [ref. 24106], Francis et al. 1999:574 [ref. 24249], Morón et al. 1999:147 [ref. 24253], Smith-Vaniz et al. 1999:115 [ref. 25013], Lessa et al. 1999:353 [ref. 25267], Compagno 1999:483 [ref. 25589], Nakabo 2000:137 [ref. 25086], Compagno in Randall & Lim 2000:580 [ref. 25122], Laboute & Grandperrin 2000:92 [ref. 25191], Grace 2001:18 [ref. 25694], Hutchins 2001:14 [ref. 25847], Soto 2001:64, 79 [ref. 26637], Bilecenoglu et al. 2002:173 [ref. 26753], Nakabo 2002:137 [ref. 26001], Compagno 2003:484 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:23 [ref. 27192], Manilo & Bogorodsky 2003:S92 [ref. 27377], Myers & Donaldson 2003:609 [ref. 27495], Randall et al. 2004:5 [ref. 27624], Espinosa Pérez et al. 2004:56 [ref. 27705], Bonfil & Abdallah 2004:33 [ref. 27735], Nelson et al. 2004:53 [ref. 27807], Mundy 2005:90 [ref. 28379], Compagno et al. 2005:39 [ref. 29145], Hoese et al. 2006:101 [ref. 29001], Randall 2007:30 [ref. 30952], White 2008:69 [ref. 30617], Fricke et al. 2009:9 [ref. 30213], George 2009:34 [ref. 30539], McCosker & Rosenblatt 2010:187 [ref. 30957], Fricke et al. 2011:345 [ref. 31242], Voigt & Weber 2011:77 [ref. 31424], Castro 2011:438 [ref. 31457], White 2012:3 [ref. 31843], Page et al. 2013:51 [ref. 32708], Wirtz et al. 2013:115 [ref. 32972], Larson et al. 2013:10 [ref. 32988], Ebert et al. 2013:332 [ref. 33045]). **Current status:** Valid as *Carcharhinus longimanus* (Poey 1861). Carcharhinidae. Distribution: Circumglobal in tropical and subtropical seas (including Red Sea), straying into temperate waters including North Sea. Habitat: marine.

magnipinnis*, *Pterolamiops Smith [J. L. B.] 1958:132, Pl. 1; Fig. 1C [Ichthyological Bulletin, Department of Ichthyology, Rhodes University No. 10; ref. 12027] Off Port Elizabeth, 7 miles from shore, 30°05'S, 25°18'E,

South Africa, western Indian Ocean, depth 50 fathoms. Holotype (unique): SAIAB [formerly RUSI] 126. •Synonym of *Carcharhinus longimanus* (Poey 1861) -- (Garrick 1982:150 [ref. 5454], Compagno 1984:484 [ref. 6846], Bass et al. 1986:74 [ref. 5638], Voigt & Weber 2011:77 [ref. 31424], Castro 2011:438 [ref. 31457]). **Current status:** Synonym of *Carcharhinus longimanus* (Poey 1861). Carcharhinidae. Habitat: marine.

maou*, *Squalus (Carcharias) Lesson [R. P.] 1831:91, Poissons Pl. 1 [Voyage autour du monde Zool. v. 2 (pt 1); ref. 2776] French Polynesia, 18°S, 144°W. Syntypes: (2) whereabouts unknown. See Garrick 1982:151 [ref. 5454] for comments on use of this name. We suggest continuing current usage of *Carcharhinus longimanus* (Poey 1861). •In the synonymy of the younger *Carcharhinus longimanus* (Poey 1861) -- (Garrick 1982:150 [ref. 5454], Branstetter in Whitehead et al. 1984:107 [ref. 13675], Compagno 1984:484 [ref. 6846], Bass et al. 1986:74 [ref. 5638], Randall et al. 1990:20 [ref. 15987], Allen & Robertson 1994:22 [ref. 22193], Compagno & Niem 1998:1341 [ref. 23787], Lessa et al. 1999:354 [ref. 25267], Compagno 2003:484 [ref. 26984], Espinosa Pérez et al. 2004:56 [ref. 27705], Bonfil & Abdallah 2004:33 [ref. 27735], Voigt & Weber 2011:77 [ref. 31424], Castro 2011:438 [ref. 31457]). **Current status:** Synonym of *Carcharhinus longimanus* (Poey 1861). Carcharhinidae. Habitat: marine.

Sphyrnidae

***Sphyrna gilberti* QUATTRO, DRIGGERS, GRADY, ULRICH & ROBERTS, 2013**[14]

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gilberti*, *Sphyrna Quattro [J. M.], Driggers III [W. B.], Grady [J. M.], Ulrich [G. F.] & Roberts [M. A.] 2013:171, Figs. 5-6, 7A [Zootaxa 3702 (no. 2); ref. 32875] Bulls head, South Carlina, USA. Holotype: UF 183577. Paratypes: UF 183578 (2), 183579 (2). •Valid as *Sphyrna gilberti* Quattro, Driggers III, Grady, Ulrich & Roberts 2013. **Current status:** Valid as *Sphyrna gilberti* Quattro, Driggers III, Grady, Ulrich & Roberts 2013. Sphyrnidae. Distribution: Southeasten USA, possibly elsewhere. Habitat: marine.

***Sphyrna lewini* (GRIFFITH & SMITH, 1834)**

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diplana*, *Sphyrna Springer [S.] 1941:46, Figs. 1-2 [Proceedings of the Florida Academy of Science v. 5; ref. 10183] Off Englewood, Florida, U.S.A., Gulf of Mexico, western Atlantic. Holotype: USNM 108451. Paratypes: USNM 108452 (1, head only), 110296-97 (2, jaws only). Type catalog: Howe & Springer 1993:6 [ref. 21812]. •Synonym of *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1967:38 [ref. 21135], Gilbert 1973:33 [ref. 7164], Dor 1984:11 [ref. 29757], Compagno 1984:545 [ref. 6846], Springer 1990:109 [ref. 19320], Gomon et al. 1994:139 [ref. 22532], Compagno et al. in Fischer et al. 1995:718 [ref. 22829], Compagno 1998:1364 [ref. 23785], Castro-Aguirre et al. 1999:54 [ref. 24550], Soto 2001:85 [ref. 26637], Compagno 2003:500 [ref. 26984], Espinosa Pérez et al. 2004:70 [ref. 27705], Bonfil & Abdallah 2004:36 [ref. 27735], Castro 2011:509 [ref. 31457], Quattro et al. 2013:176 [ref. 32875]). **Current status:** Synonym of *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae. Habitat: brackish, marine.

erythraea*, *Zygaena Klunzinger [C. B.] (ex Ehrenberg) 1871:666 [Verhandlungen der K.-K. zoologisch-botanischen Gesellschaft in Wien v. 21; ref. 2622] Massawa, Eritrea, Red Sea. Type catalog: Paepke & Schmidt 1988:170 [ref. 21041] dated to 1899 with ZMB 7814 as holotype. Regarded as not available; appeared above as name in synonymy; also as name in synonymy in Hemprich & Ehrenberg 1899: 8, Pl. 6 (fig. 2) [ref. 4977]. Subsequent publication in an available way not researched. •Synonym of *Sphyrna lewini*

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[14] *currently covered by CITES by the listing of* Sphyrna lewini

(Griffith & Smith 1834) -- (Gilbert 1967:38 [ref. 21135], Gilbert 1973:33 [ref. 7164], Dor 1984:11 [ref. 29757], Compagno 1984:545 [ref. 6846]). **Current status:** Synonym of *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae.

indica*, *Zygaena van Hasselt [J. C.] 1823:315 [Algemeene Konst- en Letter-bode I Deel (no. 20); ref. 4513] Vizagapatam, India; Java, Indonesia, Java Sea, eastern Indian Ocean. No types known. Based on figure in Russel, 1823, I., p. 8, pl. XII (see Alfred 1961:81, Pl. 3 [ref. 20553]). Also in van Hasselt 1824:90 [ref. 5104]. Should be suppressed and the use of the name *lewini* continued. •Available name -- (Kottelat 1987:369 [ref. 5962]). •Synonym of [later] *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1967:37 [ref. 21135] with question, Compagno 1984:545 [ref. 6846], Last el al. 2010:134 [ref. 32461]). **Current status:** Synonym of *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae. Habitat: marine.

leeuwenii*, *Cestracion Day [F.] 1865:271 [The fishes of Malabar; ref. 1074] Malabar coast, India, Arabian Sea, western Indian Ocean. Unexplained new spelling for *Zygaena lewini* Griffith & Smith 1834. •Synonym of *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1967:38 [ref. 21135], Gilbert 1973:33 [ref. 7164], Compagno 1984:545 [ref. 6846]). **Current status:** Synonym of *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae. Habitat: brackish, marine.

lewini*, *Zygaena Griffith [E.] & Smith [C. H.] 1834:640, Pl. 50 [The class Pisces, arranged by the Baron Cuvier; ref. 1908] [South coast of New Holland] southern Australia. No types known. Name available from Pl. 50. Based on a drawing by Mr. Lewin. Misspelled *leeuwenii* by Rochebrune 1883:44 [ref. 18639]. •Valid as *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1967:37 [ref. 21135], Gilbert 1973:33 [ref. 7164], Kyushin et al. 1982:23 [ref. 19754], Quéro in Whitehead et al. 1984:123 [ref. 13675], Compagno 1984:545 [ref. 6846], Dor 1984:11 [ref. 29757], Nakaya in Masuda et al. 1984:7 [ref. 6441], Nakaya in Okamura & Kitajima 1984:51, 300 [ref. 8057], Bass 1986:97 [ref. 5635], Robins & Ray 1986:30 [ref. 23100], Allen & Swainston 1988:24 [ref. 25477], Paxton et al. 1989:87 [ref. 12442], Springer 1990:109 [ref. 19320], Randall et al. 1990:23 [ref. 15987], Talwar & Jhingran 1991:28 [ref. 20764], Boschung 1992:24 [ref. 23239], Cervigón 1992:186 [ref. 23827], Allen & Robertson 1994:25 [ref. 22193], Gomon et al. 1994:139 [ref. 22532], Last & Stevens 1994:272 [ref. 23873], Goren & Dor 1994:4 [ref. 25356], Compagno et al. in Fischer et al. 1995:718 [ref. 22829], Randall 1995:38 [ref. 22896], Mohsin & Ambak 1996:67 [ref. 27969], Allen 1997:44 [ref. 23977], Chen et al. 1997:5 [ref. 26476], Cheng & Zhou 1997:35 [ref. 26385] with author as Griffith, Grove & Lavenberg 1997:96 [ref. 24023], Murdy et al. 1997:27 [ref. 23144], Larson & Williams 1997:343 [ref. 23967], Arruda 1997:19 [ref. 24952], Randall et al. 1997:23 [ref. 25919], De la Cruz-Agüero & Cota-Gómez 1998:356 [ref. 23520], Compagno 1998:1364 [ref. 23785], McEachran & Fechhelm 1998:93 [ref. 23897], Chirichigno F. & Vélez D. 1998:40 [ref. 24555], Myers 1999:36 [ref. 23965], Fricke 1999:24 [ref. 24106], Aguilera 1998:45 [ref. 24221], Cervigón & Alcalá 1999:97 [ref. 24490], Castro-Aguirre et al. 1999:53 [ref. 24550], Mishra & Srinivasan 1999:234 [ref. 24754], Smith-Vaniz et al. 1999:117 [ref. 25013], Afonso et al. 1999:68 [ref. 25466], Johnson 1999:720 [ref. 25471], Compagno 1999:484 [ref. 25589], Nakabo 2000:140 [ref. 25086], Compagno in Randall & Lim 2000:580 [ref. 25122], Laboute & Grandperrin 2000:97 [ref. 25191], Lea & Rosenblatt 2000:119 [ref. 25206], Thomson et al. 2000:282 [ref. 25640], Bijukumar & Sushama 2000:184 [ref. 25703], Randall & Earle 2000:5 [ref. 25806], Shane 2001:162 [ref. 25756], Hutchins 2001:14 [ref. 25847], Rocha & Rosa 2001:989 [ref. 25909], Soto 2001:65 [ref. 26637], Camargo & Isaac 2001:139 [ref. 27639] as Cuvier & Griffith & Smith 1834, Bilecenoglu et al. 2002:173 [ref. 26753], Nakabo 2002:140 [ref. 26001], Youn 2002:56, 475 [ref. 26218], Allen & Adrim 2003:22 [ref. 26830], Collette et al. 2003:98 [ref. 26784], Compagno 2003:500 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:24 [ref. 27192], Manilo & Bogorodsky 2003:S92 [ref. 27377], Myers & Donaldson 2003:609 [ref. 27495], Smith et al. 2003:6 [ref. 27621], Randall et al. 2004:5 [ref. 27624], Espinosa Pérez et al. 2004:70 [ref. 27705], Bonfil & Abdallah 2004:36 [ref. 27735], Nelson et al. 2004:54 [ref. 27807], Heemstra & Heemstra 2004:68 [ref. 28072], Randall 2005:16 [ref. 28239], Mundy 2005:92 [ref. 28379], Randall et al. 2005:131 [ref. 28745], Compagno et al. 2005:46 [ref. 29145], Hoese et al. 2006:110 [ref. 29001], Wirtz et al. 2007:24 [ref. 30263], Randall 2007:37 [ref. 30952], Khalaf & Zajonz 2007:423 [ref. 31739], White 2008:73 [ref. 30617], McCosker & Rosenblatt 2010:187 [ref. 30957], Motomura et al. 2010:69 [ref. 31256], Last el al. 2010:136 [ref. 32461], Fricke et al. 2011:346 [ref. 31242], Castro 2011:509 [ref. 31457], Moore et al. 2012:11 [ref. 31771], Weigmann 2012:8 [ref. 31968], Allen & Erdmann 2012:59 [ref. 31980], Yamashita et al. 2012:125 [ref. 32408], Fricke et al. 2013:250 [ref. 32706], Page et al. 2013:52 [ref. 32708], Quattro et al. 2013:159 [ref. 32875], Wirtz et al. 2013:116 [ref. 32972] needs confirmation, Larson et al. 2013:13 [ref. 32988], Ebert et al. 2013:333 [ref. 33045]). **Current status:** Valid as *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae. Distribution: Circumglobal in tropical seas (including western Mediterranean Sea, Red Sea). Habitat: brackish, marine.

oceanica*, *Cestracion Garman [S.] 1913:158 [Memoirs of the Museum of Comparative Zoology v. 36; ref. 1545] Society Islands, French Polynesia, South Pacific. Syntypes: MCZ 460-S (3), USNM 153587 [ex MCZ 460] (1). Type catalog: Howe & Springer 1993:10 [ref. 21812], Hartel & Dingerkus 1997:xl [ref. 23119]. •Synonym of *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1967:38 [ref. 21135], Gilbert 1973:33 [ref. 7164], Dor 1984:11 [ref. 29757], Compagno 1984:545 [ref. 6846], Castro-Aguirre et al. 1999:54 [ref. 24550]). **Current status:** Synonym of *Sphyrna lewini* (Griffith & Smith 1834). Sphyrnidae. Habitat: brackish, marine.

***Sphyrna mokarran* (RÜPPELL, 1837)**

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chiereghini*, *Sphyrna Nardo [G. D.] 1847:col. 112 [Sinonimia moderna delle specie registrate nell' opera intitolata: ...; ref. 17994] Not available, name only based on *Squalus tiburo* of Chiereghini (manuscript). •In the synonymy of *Sphyrna mokarran* (Rüppell 1837) -- (Gilbert 1967:26 [ref. 21135]). **Current status:** Synonym of *Sphyrna mokarran* (Rüppell 1837). Sphyrnidae.

dissimilis*, *Zygaena Murray [J. A.] 1887:103, Pl. [Journal of the Bombay Natural History Society v. 2 (no. 2); ref. 17806] Karachi, Pakistan. Published in 3 places, earliest not determined. As above, in Ann. Mag. Nat. Hist. [see ref. 17806], and in Murray 1887 [ref. 17805]. •Synonym of *Sphyrna mokarran* (Rüppell 1837) -- (Gilbert 1967:26 [ref. 21135], Compagno 1984:548 [ref. 6846]). **Current status:** Synonym of *Sphyrna mokarran* (Rüppell 1837). Sphyrnidae. Habitat: brackish, marine.

ligo*, *Sphyrna Fraser-Brunner [A.] 1950:214, Fig. 1 [Records of the Australian Museum v. 22 (no. 3); ref. 12952] Clarence River, New South Wales, Australia. Holotype: BMNH 1890.9.23.231 [ex Imperial Inst.] (embryo). •Synonym of *Sphyrna mokarran* (Rüppell 1837) -- (Gilbert 1967:26 [ref. 21135], Compagno 1984:548 [ref. 6846], Paxton et al. 1989:87 [ref. 12442], Hoese et al. 2006:111 [ref. 29001]). **Current status:** Synonym of *Sphyrna mokarran* (Rüppell 1837). Sphyrnidae. Habitat: brackish, marine.

mokarran*, *Zygaena Rüppell [W. P. E. S.] 1837:66, Pl. 17 (fig. 3) [Neue Wirbelthiere zu der Fauna von Abyssinien gehörig. Fische des Rothen Meeres; ref. 3844] Massawa, Eritrea, Red Sea. Lectotype: SMF 3590 (stuffed). Type catalog and lectotype designation: Klausewitz 1960:293 [ref. 21330]. •Valid as *Sphyrna mokarran* (Rüppell 1837) -- (Gilbert 1967:26 [ref. 21135], Quéro in Whitehead et al. 1984:124 [ref. 13675], Compagno 1984:548 [ref. 6846], Dor 1984:11 [ref. 29757], Nakaya in Masuda et al. 1984:7 [ref. 6441], Bass 1986:97 [ref. 5635], Robins & Ray 1986:30 [ref. 23100], Allen & Swainston 1988:24 [ref. 25477], Paxton et al. 1989:87 [ref. 12442], Springer 1990:109 [ref. 19320], Randall et al. 1990:23 [ref. 15987], Boschung 1992:24 [ref. 23239], Cervigón 1992:187 [ref. 23827], Baranes & Golani 1993:301 [ref. 22372], Allen & Robertson 1994:25 [ref. 22193], Last & Stevens 1994:274 [ref. 23873], Goren & Dor 1994:4 [ref. 25356], Compagno et al. in Fischer et al. 1995:720 [ref. 22829], Randall 1995:38 [ref. 22896], Mohsin & Ambak 1996:68 [ref. 27969], Allen 1997:44 [ref. 23977], Grove & Lavenberg 1997:99 [ref. 24023] [but see McCosker 1998:809 [ref. 24025]], Compagno 1998:1365 [ref. 23785], McEachran & Fechhelm 1998:94 [ref. 23897], Aguilera 1998:45 [ref. 24221], Chirichigno F. & Vélez D. 1998:40 [ref. 24555], Myers 1999:36 [ref. 23965], Fricke 1999:24 [ref. 24106], Cervigón & Alcalá 1999:100 [ref. 24490], Castro-Aguirre et al. 1999:53 [ref. 24550], Smith-Vaniz et al. 1999:118 [ref. 25013], Johnson 1999:720 [ref. 25471], Compagno 1999:484 [ref. 25589], Nakabo 2000:140 [ref. 25086], Compagno in Randall & Lim 2000:580 [ref. 25122], Laboute & Grandperrin 2000:97 [ref. 25191], Schmitter-Soto et al. 2000:146 [ref. 27754], Hutchins 2001:14 [ref. 25847], Soto 2001:65, 85 [ref. 26637], Nakabo 2002:140 [ref. 26001], Allen & Adrim 2003:22 [ref. 26830], Compagno 2003:502 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:24 [ref. 27192], Manilo & Bogorodsky 2003:S92 [ref. 27377], Espinosa Pérez et al. 2004:71 [ref. 27705], Bonfil & Abdallah 2004:36 [ref. 27735], Nelson et al. 2004:54 [ref. 27807], Heemstra & Heemstra 2004:68 [ref. 28072], Randall 2005:16 [ref. 28239], Mundy 2005:93 [ref. 28379], Randall et al. 2005:131 [ref. 28745], Compagno et al. 2005:46 [ref. 29145], Hoese et al. 2006:111 [ref. 29001], Randall 2007:38 [ref. 30952], Fricke et al. 2009:10 [ref. 30213], McCosker & Rosenblatt 2010:187 [ref. 30957], Last el al. 2010:138 [ref. 32461], Fricke et al. 2011:346 [ref. 31242], Castro 2011:516 [ref. 31457], Moore et al. 2012:11 [ref. 31771], Allen & Erdmann 2012:60 [ref. 31980], Fricke et al. 2013:250 [ref. 32706], Page et al. 2013:52 [ref. 32708], Wirtz et al. 2013:116 [ref. 32972], Larson et al. 2013:13 [ref. 32988], Ebert et al. 2013:340 [ref. 33045]). **Current status:** Valid as

Sphyrna mokarran (Rüppell 1837). Sphyrnidae. Distribution: Circumglobal in tropical through warm temperate seas (including Red Sea). Habitat: brackish, marine.

***Sphyrna zygaena* (LINNAEUS, 1758)**

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carolinensis*, *Squalus (Cestrorhinus) Blainville [H. de] 1816:121 [Bulletin de la Société Philomathique de Paris v. 8; ref. 306] Not available, name only. •In the synonymy of *Sphyrna zygaena* (Linnaeus 1758) or *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1973:33 [ref. 7164]). •In the synonymy of *Sphyrna zygaena* (Linnaeus 1758) -- (Compagno 1984:553 [ref. 6846]). **Current status:** Synonym of *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae.

malleus*, *Zygaena Valenciennes [A.] 1822:223, Pl. 1 (fig. 1) [Mémoires du Muséum National d'Histoire Naturelle, Paris v. 9; ref. 17862] France; Brazil, southwestern Atlantic; Mediterranean Sea. No types known. •Synonym of *Sphyrna zygaena* (Linnaeus 1758) -- (Gilbert 1967:31 [ref. 21135], Gilbert 1973:32 [ref. 7164] as Cuvier 1816, Springer 1990:110 [ref. 19320], Soto 2001:66 [ref. 26637], Bilecenoglu et al. 2002:15 [ref. 26753] with authorship as Cuvier 1817, Mundy 2005:93 [ref. 28379]). **Current status:** Synonym of *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae. Habitat: brackish, marine.

pictus*, *Squalis (Cestrorhinus) Blainville [H. de] 1816:121 [Bulletin de la Société Philomathique de Paris v. 8; ref. 306] Not available, name only. •In the synonymy of *Sphyrna zygaena* (Linnaeus 1758) or *Sphyrna lewini* (Griffith & Smith 1834) -- (Gilbert 1973:33 [ref. 7164]). •In the synonymy of *Sphyrna zygaena* (Linnaeus 1758) -- (Compagno 1984:553 [ref. 6846]). **Current status:** Synonym of *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae.

subarcuata*, *Zygaena Storer [D. H.] 1848:71 [Proceedings of the Boston Society of Natural History v. 3 (1848-1851); ref. 18844] Harbor at Provincetown, Massachusetts, U.S.A., Cape Cod Bay, western North Atlantic. Holotype (unique): MCZ. Non-types: ?MCZ 1416-S (1), 89507-08 (1, 1). •Synonym of *Sphyrna zygaena* (Linnaeus 1758) -- (Gilbert 1967:31 [ref. 21135], Gilbert 1973:32 [ref. 7164], Compagno 1984:553 [ref. 6846], Castro 2011:529 [ref. 31457]). **Current status:** Synonym of *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae. Habitat: brackish, marine.

vulgaris*, *Zygaena Cloquet [H.] 1830:621 (v. 60) [Dictionnaire des sciences Naturelles; ref. 852] Mediterranean Sea, Arabian Sea, and Red Sea. whereabouts unknown. Based on *Squalus zygaena* Linnaeus 1758, probably to avoid strickland tautonymy. •Synonym of *Sphyrna zygaena* (Linnaeus 1758) -- (Gilbert 1973:32 [ref. 7164], Compagno 1984:553 [ref. 6846]). **Current status:** Synonym of *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae. Habitat: brackish, marine.

zygaena*, *Squalus Linnaeus [C.] 1758:234 [Systema Naturae, Ed. X v. 1; ref. 2787] Mediterranean Sea and Atlantic [original: "Europa, America"]; localities include Spain; Marseille, France; Rome, Italy; Lesbos Island, Greece; Syria, Mediterranean Sea. Syntypes: NRM 88 (1). Type catalog: Fernholm & Wheeler 1983:208 [ref. 20707]. Originally based on multiple species and at least 24 pre-Linnaean sources including Artedi 1738:68 [ref. 30578] and Artedi 1738:96 [ref. 30349] as *Squalus capite latissimo transverso mallei instar*; Rondelet 1554:389 [ref. 30354] as *Zygæna*, Salviani 1558:128 [ref. 30229] as *Libella*, Willughby 1686:55 [ref. 30164] and Ray 1713:20 [ref. 30231] as *Zygæna*. Spelled *zygena* by Bonnaterre 1788:9 [ref. 4940], and *zigoena* by Cabrera, Pérez & Haenseler 1817:11 [ref. 17319], see Graells 1887:185 [ref. 30438]. Spelled *zygoena* by Chevey 1932:6 [ref. 23060] as *Cestracion*. Name spelled *Squalus zigaena* by Sonnini 1803:74 [ref. 30464] and Berthelot 1890:115 [ref. 30346]. •Valid as *Sphyrna zygaena* (Linnaeus 1758) -- (Gilbert 1967:31 [ref. 21135], Gilbert 1973:32 [ref. 7164], Eschmeyer & Herald 1983:43 [ref. 9277], Quéro in Whitehead et al. 1984:125 [ref. 13675], Compagno 1984:553 [ref. 6846], Nakaya in Masuda et al. 1984:7 [ref. 6441], Bass 1986:97 [ref. 5635], Robins & Ray 1986:30 [ref. 23100], Allen & Swainston 1988:24 [ref. 25477], Scott & Scott 1988:29 [ref. 25518], Paxton et al. 1989:87 [ref. 12442], Pequeño 1989:13 [ref. 14125], Paulin et al. 1989:26 [ref. 24556], McAllister 1990:32 [ref. 14674], Springer 1990:110 [ref. 19320], Cervigón 1992:188 [ref. 23827], Francis 1993:157 [ref. 25479], Francis & Randall 1993:128 [ref. 20996], Kuiter 1993:11 [ref. 23929], Gomon et al. 1994:140 [ref. 22532], Last & Stevens 1994:275 [ref. 23873], Compagno et al. in

Fischer et al. 1995:722 [ref. 22829], Mohsin & Ambak 1996:69 [ref. 27969], Murdy et al. 1997:28 [ref. 23144], Santos et al. 1997:9 [ref. 23531], Allen 1997:44 [ref. 23977], Cheng & Zhou 1997:35 [ref. 26385], Grove & Lavenberg 1997:100 [ref. 24023], Arruda 1997:19 [ref. 24952], Compagno 1998:1366 [ref. 23785], Chirichigno F. & Vélez D. 1998:39 [ref. 24555], Sokolovskaya et al. 1998:7 [ref. 24670], Fricke 1999:25 [ref. 24106], Morón et al. 1999:148 [ref. 24253], Smith-Vaniz et al. 1999:118 [ref. 25013], Capapé et al. 1999:50 [ref. 25276], Compagno 1999:484 [ref. 25589], Nakabo 2000:140 [ref. 25086], Compagno in Randall & Lim 2000:580 [ref. 25122], Lea & Rosenblatt 2000:119 [ref. 25206], Hutchins 2001:14 [ref. 25847], Wang et al. 2001:34 [ref. 26566], Soto 2001:65, 85 [ref. 26637], Bilecenoglu et al. 2002:15 [ref. 26753], Branstetter in Collette & Klein-MacPhee 2002:46 [ref. 26158], Nakabo 2002:140 [ref. 26001], Youn 2002:56, 475 [ref. 26218], López et al. 2002:62 [ref. 26808], Compagno 2003:505 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:24 [ref. 27192], Espinosa Pérez et al. 2004:73 [ref. 27705], Nelson et al. 2004:54 [ref. 27807], Heemstra & Heemstra 2004:68 [ref. 28072], Mundy 2005:93 [ref. 28379], Compagno et al. 2005:46 [ref. 29145], Hoese et al. 2006:111 [ref. 29001], Fricke et al. 2007:15 [ref. 29533], Vasil'eva 2007:16 [ref. 30517], Randall 2007:39 [ref. 30952], White 2008:74 [ref. 30617], George 2009:55 [ref. 30539], McCosker & Rosenblatt 2010:187 [ref. 30957], Castro 2011:529 [ref. 31457], Yamashita et al. 2012:125 [ref. 32408], Page et al. 2013:52 [ref. 32708], Wirtz et al. 2013:116 [ref. 32972], Ebert et al. 2013:340 [ref. 33045]). **Current status:** Valid as *Sphyrna zygaena* (Linnaeus 1758). Sphyrnidae. Distribution: Cosmopolitan in warm temperate seas, occasionally in tropical seas (including Mediterranean Sea, Black Sea, Hawaiian Islands). Habitat: brackish, marine.

RAJIFORMES

Mobulidae

Manta alfredi (KREFFT, 1868)

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alfredi*, *Deratoptera Krefft [J. L. G.] 1868:3, 9, Fig. [The Illustrated Sydney News v. 5 (11 July 1868); ref. 5074] Watson's Bay, at entrance to Sydney Harbour, New South Wales, Australia. Holotype (unique): AMS I.1731(stuffed and painted over). Original description reproduced in Whitley 1936:176 [ref. 6075] and with correction of type locality. Spelling of the original genus should have been *Ceratoptera*, *Deratoptera* regarded as a typesetting error. Authorship has been attributed to Krefft (by Whitley 1936:176 and unquestioned), the then curator of the Museum; no author is given with the article. •Valid as *Manta alfredi*, but may be *Manta birostris* (Walbaum 1792) -- (Paxton et al. 1989:51 [ref. 12442], Compagno 1999:498 [ref. 25589]). •Synonym of *Manta birostris* (Donndorff 1798 [Walbaum 1792]) -- (Last & Stevens 1994:460 [ref. 23873], Allen et al. 2006:207 [ref. 29002]). •See Grove & Lavenberg 1997:130 [ref. 24023]. •Valid as *Manta alfredi* (Krefft 1868) -- (Marshall et al. 2009:13 [ref. 30599], Kitchen-Wheeler 2010:351 [ref. 30962], Fricke et al. 2011:348 [ref. 31242], Wirtz et al. 2013:116 [ref. 32972], Larson et al. 2013:22 [ref. 32988], Ebert et al. 2013:368 [ref. 33045]). **Current status:** Valid as *Manta alfredi* (Krefft 1868). Myliobatidae: Mobulinae. Distribution: Circumglobal in tropical through subtropical seas (including Red Sea and Hawaiian Islands). Habitat: marine.

fowleri*, *Manta Whitley [G. P.] 1936:182 [Australian Zoologist v. 8 (pt 3); ref. 6075] Tabuaeran [= Fanning Island], Line Islands, central Pacific. Holotype (unique): whereabouts unknown. Based on illustrations and a description of *Manta birostris* by Fowler 1927:3, Pl. 1 (figs. D-G) [ref. 15785]. •Synonym of *Manta alfredi* (Krefft 1868) -- (Marshall et al. 2009:13 [ref. 30599]). **Current status:** Synonym of *Manta alfredi* (Krefft 1868). Myliobatidae: Mobulinae. Habitat: marine.

pakoka*, *Manta Whitley [G. P.] 1936:183 [Australian Zoologist v. 8 (pt 3); ref. 6075] Near Hat Island (Teuaua), Ua Huka, Marquesas Islands. No types known. Based on a *Manta* with the Polynesian vernacular name *Pakoka* by Pinchot, "To the South Seas" 1930:406, 408, 421, fig. •Synonym of *Manta alfredi* (Krefft 1868) -- (Marshall et al. 2009:13 [ref. 30599]). **Current status:** Synonym of *Manta alfredi* (Krefft 1868). Myliobatidae: Mobulinae. Habitat: marine.

***Manta birostris* (WALBAUM, 1792)**

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americana*, *Manta Bancroft [E. N.] 1829:454 [Zoological Journal, London v. 4 (no. 16) (art. 55); ref. 5051] American Seas. Apparently an alternate name for *Cephalopterus manta* Bancroft 1829 proposed in the same paper (p. 453). •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

birostris*, *Raja Walbaum [J. J.] 1792:535 [Petri Artedi sueci genera piscium Part 3; ref. 4572] No locality stated. No types known. Some authors (e.g., Whitley 1936:180 [ref. 6075]) date to Donndorff 1798:876 because they regarded Walbaum's treatment as non-binominal, but the style of this section suggests that the second word "birostris" was not italicized through an oversite (see index) and binominal nomenclature was intended. Earlier authors, such as Jordan & Evermann 1896:92 [ref. 2443] credited the name to Walbaum. See remarks under *Cephalopterus giorna* Lesueur 1824. •Valid as *Manta birostris* (Walbaum 1792) [sometimes with author as Donndorff 1790 or 1798] -- (Eschmeyer & Herald 1983:57 [ref. 9277], Nakaya in Masuda et al. 1984:16 [ref. 6441], Robins & Ray 1986:44 [ref. 23100], Allen & Swainston 1988:28 [ref. 25477], Scott & Scott 1988:59 [ref. 25518], Winterbottom et al. 1989:5 [ref. 13251], McEachran & Séret 1990:73 [ref. 19318], Nishida 1990:92 [ref. 19783], Randall et al. 1990:31 [ref. 15987], Boschung 1992:28 [ref. 23239], Cervigón 1992:201 [ref. 23827], Allen & Robertson 1994:37 [ref. 22193], Last & Stevens 1994:459 [ref. 23873], Randall 1995:49 [ref. 22896], Acero P. & Franke 1995:17 [ref. 22546], McEachran & Notarbartolo-di-Sciara in Fischer et al. 1995:764 [ref. 22829], Castro-Aguirre & Espinosa Pérez 1996:62 [ref. 22793], Murdy et al. 1997:49 [ref. 23144], Santos et al. 1997:16 [ref. 23531], Allen 1997:48 [ref. 23977], Grove & Lavenberg 1997:129 [ref. 24023], Arruda 1997:24 [ref. 24952], Randall et al. 1997:31 [ref. 25919], McEachran & Fechhelm 1998:194 [ref. 23897], Chirichigno F. & Vélez D. 1998:73 [ref. 24555], Myers 1999:40 [ref. 23965], Fricke 1999:33 [ref. 24106], Aguilera 1998:46 [ref. 24221], Cervigón & Alcalá 1999:206 [ref. 24490], Compagno & Last 1999:1527 [ref. 24637], Smith-Vaniz et al. 1999:124 [ref. 25013], Johnson 1999:718 [ref. 25471], Compagno 1999:498 [ref. 25589], Menni & Stehmann 2000:94 [ref. 24909], Nakabo 2000:186 [ref. 25086], Compagno in Randall & Lim 2000:583 [ref. 25122], Thomson et al. 2000:284 [ref. 25640], Randall & Earle 2000:5 [ref. 25806], Allen 2000:95 [ref. 25868], Iwatsuki et al. 2000:96 [ref. 26368], Schmitter-Soto et al. 2000:147 [ref. 27754], Hutchins 2001:16 [ref. 25847], McEachran in Collette & Klein-MacPhee 2002:80 [ref. 26158], Mecklenburg et al. 2002:108 [ref. 25968], Nakabo 2002:186 [ref. 26001], Allen & Adrim 2003:22 [ref. 26830] with author and date as Donndorf 1798, Gadig & Gomes in Menezes et al. 2003:31 [ref. 27192] with author and date as Donndorff 1798, McEachran & Carvalho 2003:588 [ref. 26985], Milessi & Oddone 2003:126 [ref. 27316] with author and date as Donndorf 1798, Manilo & Bogorodsky 2003:S94 [ref. 27377], Duffy & Abbott 2003:715 [ref. 27479], Myers & Donaldson 2003:610 [ref. 27495], Lobel & Lobel 2004:67 [ref. 27576], Randall et al. 2004:5 [ref. 27624], Bonfil & Abdallah 2004:55 [ref. 27735], Nelson et al. 2004:57 [ref. 27807], Heemstra & Heemstra 2004:88 [ref. 28072], Randall 2005:23 [ref. 28239], Mundy 2005:107 [ref. 28379], Compagno et al. 2005:80 [ref. 29145], Allen et al. 2006:207 [ref. 29002], Randall 2007:47 [ref. 30952], Fricke et al. 2009:12 [ref. 30213], Kimura 2009:16 [ref. 30426], Marshall et al. 2009:4 [ref. 30599], McCosker & Rosenblatt 2010:188 [ref. 30957], Kitchen-Wheeler 2010:351 [ref. 30962], Allen & Erdmann 2012:67 [ref. 31980], Page et al. 2013:57 [ref. 32708], Wirtz et al. 2013:116 [ref. 32972], Ebert et al. 2013:369 [ref. 33045]). **Current status:** Valid as *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Distribution: Circumglobal in tropical through warm temperate water (including Red Sea). Habitat: marine.

ehrenbergii*, *Ceratoptera Müller [J.] & Henle [F. G. J.] 1841:187 [Systematische Beschreibung der Plagiostomen; ref. 3069] Red Sea. Syntypes: ZMB 4708 (1), 22621 [ex Anat.-zool. Mus. 8731] (1) Type catalog: Paepke & Schmidt 1988:180 [ref. 21041]. •Valid as *Manta ehrenbergii* (Müller & Henle 1841) -- (Dor 1984:21 [ref. 29757], Goren & Dor 1994:6 [ref. 25356]). •Synonym of *Manta birostris* (Walbaum 1792) -- (Marshall et al. 2009:4 [ref. 30599]). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Distribution: Red Sea endemic [if valid]. Habitat: marine.

elliotti*, *Diabolicthys Holmes [F. S.] 1856:45 (39?) [Proceedings of the Elliott Society of Natural History v. 1; ref. 2194] Charleston, South Carolina, U.S.A. No types known. •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

fimbriata*, *Raja Lacepède [B. G. E.] 1802:671, 677, Pl. 16 (fig. 3) [Histoire naturelle des poissons (Lacepéde) v. 4; ref. 4929] North Atlantic. No types known. Type catalog: Séret & McEachran 1986:34 [ref. 9312]. Also appeared in Sonnini 1802:76, 299 [ref. 30461] with author as Lacepède. •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

giorna*, *Cephalopterus Lesueur [C. A.] 1824:115 [Journal of the Academy of Natural Sciences, Philadelphia v. 4 (pt 1); ref. 17520] Georgia, U.S.A. No types known. Not *Raja giorna* Lacepède 1803. Marshall et al. 2009:13 [ref. 30599] tentatively recognize a valid species distinct from (but occurring with) *birostris*; it occurs in the Atlantic. A neotype selection would be needed to fix the name of this species as *giorna* Lesueur 1824 if the species is shown to be distinct from *birostris*. •Synonym of *Manta birostris* (Walbaum 1792) -- (authors). •Treated as a synonym of *Manta* sp. cf. *birostris* (Walbaum 1792) -- (Marshall et al. 2009:22 [ref. 30599]). **Current status:** Uncertain as *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Distribution: Atlantic, including the Caribbean. Habitat: marine.

hamiltoni*, *Brachioptilon Hamilton [F.] & Newman [E.] in Newman 1849:2358 [The Zoologist: a Popular Miscellany of Natural History. v. 7 (for 1849); ref. 3169] Gulf of California, Mexico. No types known. Description based on account by Hamilton, Newman provided name; therefore we treat authorship as Hamilton & Newman. •May be a synonym of *Manta birostris* (Walbaum 1792) -- (Compagno 1999:498 [ref. 25589]). •See Chirichigno F. & Vélez D. 1998:73 [ref. 24555]. •Synonym of *Manta birostris* (Walbaum 1792) -- (Mecklenburg et al. 2002:108 [ref 25968], Marshall et al. 2009:4 [ref. 30599]). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

johnii*, *Ceratoptera Müller [J.] & Henle [F. G. J.] 1841:186, [Pl. 59 (right)] [Systematische Beschreibung der Plagiostomen; ref. 3069] Jamaica. Holotype (unique): RUSM uncat. (whereabouts unknown). •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

manatia*, *Raja Bloch [M. E.] & Schneider [J. G.] (ex Lacepède) 1801:364 [M. E. Blochii, Systema Ichthyologiae; ref. 471] Tropical America. No types known. •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

manta*, *Cephalopterus Bancroft [E. N.] 1829:453 [Zoological Journal, London v. 4 (no. 16) (art. 55); ref. 5051] Kingston, Jamaica. No types known. •Synonym of *Manta birostris* (Walbaum 1792) -- (Allen et al. 2006:207 [ref. 29002]). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

marinus*, *Raja diabolus Bloch [M. E.] & Schneider [J. G.] 1801:368 [M. E. Blochii, Systema Ichthyologiae; ref. 471] India. No types known. Not the same as *Raja diabolus* Shaw 1904. •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

orissa*, *Ceratoptera Lloyd [R. E.] 1908:176, Fig. 1, Pl. 5 (figs. 1-3) [Records of the Indian Museum (Calcutta) v. 2 (pt 2); ref. 14327] Puri, Bay of Bengal, Orissa coast, India. Holotype: ZSI F72968/1. Type catalog: Menon & Yazdani 1968:97 [ref. 20743]. •Synonym of *Manta birostris* -- (pers. comm., W. White, 11 April 2011). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

pinchoti*, *Manta Whitley [G. P.] 1936:182 [Australian Zoologist v. 8 (pt 3); ref. 6075] Near Hat Island, Ua Huka, Marquesas Islands. Holotype: USNM 89721 (parts). Paratypes: USNM 89722 (parts), 143796 (pieces), 143797 (1). Based on descriptions of *Manta birostris* by Fowler 1932:2 [ref. 1412]. Myliobatidae: Mobulinae. Habitat: marine.

raya*, *Manta Baer [G. A.] 1899:112 [Bulletin du Muséum National d'Histoire Naturelle (Série 1) v. 5 (no. 3); ref. 15635] Zorritos, about 40 kilometers south of Tombez, 4 kilometers from Grau, Peru. No types known. •Probably a synonym of *Manta birostris* (Walbaum 1792). **Current status:** Uncertain as *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

stelligera*, *Cephaloptera Günther [A.] (ex Ehrenberg) 1870:498 [Catalogue of the fishes in the British Museum v. 8; ref. 1995] Red Sea. Syntypes: ZMB 4701 (1), 22621 [ex 8731] (1). Type catalog: Paepke & Schmidt 1988:179 [ref. 21041] with ZMB 47801 and 22621 as syntypes. In footnote as name on unpublished plate under *Ceratoptera ehrengergii*; later appeared in Hemprich & Ehrenberg 1899:7, Pl. 2 (figs. 1-9) and second pl. 10 [ref. 4977] but treated in synonymy by editor Hilgendorf so not available. •In the synonymy of *Manta ehrenbergii* (Müller & Henle 1841) -- (Dor 1984:21 [ref. 29757]). •In the synonymy of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae.

vampyrus*, *Cephalopterus Mitchill [S. L.] 1824:23, Pl. 2 (fig. 1) [Annals of the Lyceum of Natural History of New York v. 1; ref. 17777] Near entrance to Delaware Bay, U.S.A. No types known. •Synonym of *Manta birostris* (Walbaum 1792). **Current status:** Synonym of *Manta birostris* (Walbaum 1792). Myliobatidae: Mobulinae. Habitat: marine.

OSTEOGLOSSIFORMES

Osteoglossidae

***Scleropages inscriptus* ROBERTS, 2012**

(currently regarded as part of *Scleropages formosus*, see Notification 2012/43)

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inscriptus*, *Scleropages Roberts [T. R.] 2012:115, Figs. 1-2 [aqua, International Journal of Ichthyology v. 18 (no. 2); ref. 31952] Supposedly from Tananthayi district, Tananthayi River basin, obtained dead from aquarium fish vendor at Meik. Holotype: THNHM-F-01521. Paratypes: THNHM-F-01522 (1). •Valid as *Scleropages inscriptus* Roberts 2012 -- (Kottelat 2013:31 [ref. 32989]). **Current status:** Valid as *Scleropages inscriptus* Roberts 2012. Osteoglossidae. Distribution: Myanmar. Habitat: freshwater.

SARCOPTERYGII

CERATODONTIFORMES

Ceratodontidae

***Neoceratodus forsteri* (KREFFT, 1870)**

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blanchardi*, *Neoceratodus Castelnau [F. L.] 1876:133 [Journal de Zoologie v. 5; ref. 760] Fitzroy River, Queensland, Australia. Holotype (unique): MNHN A-0419. Type catalog: Bertin 1940:246 [ref. 293]. •Synonym of *Neocertodus forsteri* (Krefft 1870) -- (Paxton et al. 1989:102 [ref. 12442], Allen & Cross 2006:213 [ref. 29003], Kemp 1997:720 [ref. 31059]). **Current status:** Synonym of *Neoceratodus forsteri* (Krefft 1870). Neoceratodontidae. Habitat: freshwater.

forsteri*, *Ceratodus Krefft [J. L. G.] 1870:65, col. 5, Fig. 1-3 [Sydney Morning Herald [newspaper] 18 Jan. 1870; ref. 18433] Wide-Bay District, Queensland, Australia. No types known. Description also appeared in Krefft 1870:221 [ref. 18434]. •Valid as *Neoceratodus forsteri* (Krefft 1870) -- (Paxton et al. 1989:102 [ref. 12442], Kemp 1995 [ref. 22139], Unmack 2001:1060 [ref. 25797], Allen et al. 2002:55 [ref. 25930], Allen & Cross 2006:212 [ref. 29003], Kemp 1997:720 [ref. 31059]). **Current status:** Valid as *Neoceratodus forsteri* (Krefft 1870). Neoceratodontidae. Distribution: Australia. Habitat: freshwater.

miolepis*, *Ceratodus Günther [A.] 1871:222 [1] [Annals and Magazine of Natural History (Series 4) v. 7 (no. 39); ref. 19154] Mary River, Queensland, Australia. Possible type or Günther specimen: AMS A.14079 (1). Also appeared in Günther 1871:377 [ref. 19155] and in more detail in Günther 1872 [ref. 19153]. •Synonym of *Neoceratodus forsteri* (Krefft 1870) -- (Paxton et al. 1989:102 [ref. 12442], Allen & Cross 2006:212 [ref. 29003], Kemp 1997:720 [ref. 31059]). **Current status:** Synonym of *Neoceratodus forsteri* (Krefft 1870). Neoceratodontidae. Habitat: freshwater.

COELACANTHIFORMES

Latimeriidae

Latimeria chalumnae SMITH, 1939

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anjouanae*, *Malania Smith [J. L. B.] 1953:100 [Nature (London) v. 171 (no. 4342); ref. 4088] Comoro Islands, western Indian Ocean. Holotype (unique): SAIAB [formerly RUSI] 600. Specimen parts: USNM 163126 (2 scales). Possibly appeared first in Time Magazine, v. 61 (no. 2) dated 12 Jan. 1953; Nature dated 17 Jan. 1953. •Synonym of *Latimeria chalumnae* Smith 1939. **Current status:** Synonym of *Latimeria chalumnae* Smith 1939. Latimeriidae. Habitat: marine.

chalumnae*, *Latimeria Smith [J. L. B.] 1939:455 [Nature (London) v. 143; ref. 4068] Western Indian Ocean: west of East London, Cape Colony, South Africa, depth 40 fathoms. Holotype: East London Mus. Specimen parts: USNM 112258 (scales). •Valid as *Latimeria chalumnae* Smith 1939 -- (Heemstra in Smith & Heemstra 1995:151 [ref. 21953], Bruton 1995:104 [ref. 22132], Heemstra et al. 1996:150 [ref. 25940], Springer 1999:453 [ref. 24816], Holder et al. 1999:12616 [ref. 25259], Heemstra & Heemstra 2004:93 [ref. 28072]). **Current status:** Valid as *Latimeria chalumnae* Smith 1939. Latimeriidae. Distribution: Comoros, South Africa, Kenya, Madagascar and Mozambique. Habitat: marine.

Latimeria menadoensis POUYAUD, WIRJOATMODJO, RACHMATIKA, TJAKRAWIDJAJA, HADIATY & HADIE, 1999

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menadoensis*, *Latimeria Pouyaud [L.], Wirjoatmodjo [S.], Rachmatika [I.], Tjakrawidjaja [A.], Hadiaty [R.] & Hadie [W.] 1999:266, Fig. [Comptes rendus de l'Académie des Sciences. Série 3, Sciences de la vie = Life Sciences Paris (Elsevier) No. 322; ref. 23788] Menadotua Island, Sulawese, Indonesia. Holotype (unique): LBN [Mus. Bogoriense Zool., Cibinog]. •Valid as *Latimeria menadoensis* Pouyaud, Wirjoatmodjo, Rachmatika, Tjakrawidjaja, Hadiaty & Hadie 1999 -- (Holder et al. 1999:12616 [ref. 25259], Jewett 2001:3969 [ref. 26320]). **Current status:** Valid as *Latimeria menadoensis* Pouyaud, Wirjoatmodjo, Rachmatika, Tjakrawidjaja, Hadiaty & Hadie 1999. Latimeriidae. Distribution: Indonesia. Habitat: marine.

Differences between the current CITES Appendices and species currently planned to be included in the non-passerine volume of the HBW and BirdLife International Illustrated Checklist of the Birds of the World

CITES-RELEVANT SPLITS

Family	Parent species	Relevant CITES listings
Struthionidae	Struthio camelus	I/NC
Rheidae	Rhea pennata	I/II
Cracidae	Pauxi pauxi	III
Anatidae	Sarkidiornis melanotos	II
Falconidae	Falco chicquera	II
Accipitridae	Pernis celebensis	II
Accipitridae	Circus spilonotus	II
Accipitridae	Circus cyaneus	II
Accipitridae	Accipiter tachiro	II
Accipitridae	Accipiter novaehollandiae	II
Accipitridae	Accipiter striatus	II
Accipitridae	Buteo nitidus	II
Accipitridae	Buteo oreophilus	II
Accipitridae	Nisaetus philippensis	II
Otididae	Chlamydotis undulata	I
Columbidae	Goura scheepmakeri	II
Psittacidae	Trichoglossus haematodus	II
Psittacidae	Trichoglossus flavoviridis	II
Psittacidae	Charmosyna papou	II
Psittacidae	Psittacella picta	II
Psittacidae	Psittinus cyanurus	II
Psittacidae	Geoffroyus heteroclitus	II
Psittacidae	Prioniturus discurus	II
Psittacidae	Coracopsis nigra	II
Psittacidae	Diopsittaca nobilis	II
Psittacidae	Aratinga wagleri	II
Psittacidae	Aratinga nana	II
Psittacidae	Pyrrhura picta	II
Psittacidae	Pyrrhura melanura	II
Psittacidae	Myiopsitta monachus	II
Psittacidae	Forpus xanthopterygius	II
Psittacidae	Pionites leucogaster	II
Psittacidae	Pionus menstruus	II
Psittacidae	Pionus tumultuosus	II
Psittacidae	Amazona autumnalis	II
Psittacidae	Amazona festiva	II
Psittacidae	Amazona farinosa	II
Psittacidae	Cyclopsitta gulielmitertii	II
Psittacidae	Cyclopsitta diophthalma	I/II
Psittacidae	Psittaculirostris desmarestii	II
Tytonidae	Tyto tenebricosa	II
Tytonidae	Tyto aurantia	II
Tytonidae	Phodilus badius	II
Strigidae	Megascops guatemalae	II
Strigidae	Otus manadensis	II
Strigidae	Otus senegalensis	II
Strigidae	Otus magicus	II
Strigidae	Otus bakkamoena	II
Strigidae	Otus megalotis	II
Strigidae	Otus leucotis	II
Strigidae	Bubo virginianus	II
Strigidae	Bubo africanus	II

Strigidae	Strix aluco	II
Strigidae	Glaucidium gnoma	II
Strigidae	Glaucidium brasilianum	II
Strigidae	Ninox novaeseelandiae	I/II
Strigidae	Ninox scutulata	II
Strigidae	Ninox philippensis	II
Strigidae	Ninox squamipila	II
Strigidae	Ninox jacquinoti	II
Trochilidae	Phaethornis longirostris	II
Trochilidae	Phaethornis bourcieri	II
Trochilidae	Phaethornis griseogularis	II
Trochilidae	Anthracothorax dominicus	II
Trochilidae	Stephanoxis lalandi	II
Trochilidae	Lophornis chalybeus	II
Trochilidae	Cynanthus latirostris	II
Trochilidae	Amazilia lactea	II
Trochilidae	Amazilia viridigaster	II
Trochilidae	Amazilia viridifrons	II
Trochilidae	Lampornis castaneoventris	II
Trochilidae	Heliodoxa schreibersii	II
Trochilidae	Urochroa bougueri	II
Trochilidae	Oreotrochilus estella	II
Trochilidae	Coeligena torquata	II
Trochilidae	Coeligena bonapartei	II
Trochilidae	Coeligena violifer	II
Trochilidae	Heliangelus amethysticollis	II
Trochilidae	Eriocnemis luciani	II
Trochilidae	Oreonympha nobilis	II
Trochilidae	Oxypogon guerinii	II
Trochilidae	Schistes geoffroyi	II
Bucerotidae	Buceros hydrocorax	II
Ramphastidae	Ramphastos vitellinus	II

CITES-RELEVANT LUMPS

Family	**Species A**	**Species B**
Phasianidae	Lophura edwardsi	Lophura hatinhensis
Falconidae	Falco peregrinus	Falco pelegrinoides
Psittacidae	Cyanoramphus novaezelandiae	Cyanoramphus cookii
Psittacidae	Aratinga holochlora	Aratinga brevipes
Psittacidae	Pyrrhura leucotis	Pyrrhura griseipectus
Tytonidae	Tyto novaehollandiae	Tyto manusi
Strigidae	Bubo poensis	Bubo vosseleri
Trochilidae	Campylopterus curvipennis	Campylopterus excellens
Trochilidae	Chlorostilbon mellisugus	Chlorostilbon melanorhynchus
Trochilidae	Chlorostilbon poortmani	Chlorostilbon alice
Trochilidae	Thalurania colombica	Thalurania fannyi
Bucerotidae	Penelopides affinis	Penelopides samarensis

New nominate	Split A
Struthio camelus	Struthio molybdophanes
Rhea pennata	Rhea tarapacensis
Pauxi pauxi	Pauxi koepckeae
Sarkidiornis melanotos	Sarkidiornis sylvicola
Falco chicquera	Falco ruficollis
Pernis celebensis	Pernis steerei
Circus spilonotus	Circus spilothorax
Circus cyaneus	Circus hudsonius
Accipiter tachiro	Accipiter toussenelii
Accipiter novaehollandiae	Accipiter hiogaster
Accipiter striatus	Accipiter chionogaster
Buteo nitidus	Buteo plagiatus
Buteo oreophilus	Buteo trizonatus
Nisaetus philippensis	Nisaetus pinskeri
Chlamydotis undulata	Chlamydotis macqueenii
Goura scheepmakeri	Goura sclaterii
Trichoglossus haematodus	Trichoglossus moluccanus
Trichoglossus flavoviridis	Trichoglossus meyeri
Charmosyna papou	Charmosyna stellae
Psittacella picta	Psittacella lorentzi
Psittinus cyanurus	Psittinus abbotti
Geoffroyus heteroclitus	Geoffroyus hyacinthinus
Prioniturus discurus	Prioniturus mindorensis
Coracopsis nigra	Coracopsis barklyi
Diopsittaca nobilis	Diopsittaca cumanensis
Psittacara wagleri	Psittacara frontatus
Eupsittula nana	Eupsittula astec
Pyrrhura picta	Pyrrhura snethlageae
Pyrrhura melanura	Pyrrhura pacifica
Myiopsitta monachus	Myiopsitta luchsi
Forpus xanthopterygius	Forpus spengeli
Pionites leucogaster	Pionites xanthurus
Pionus menstruus	Pionus reichenowi
Pionus tumultuosus	Pionus seniloides
Amazona autumnalis	Amazona lilacina
Amazona festiva	Amazona bodini
Amazona farinosa	Amazona guatemalae
Cyclopsitta gulielmitertii	Cyclopsitta nigrifrons
Cyclopsitta diophthalma	Cyclopsitta coxeni
Psittaculirostris desmarestii	Psittaculirostris godmani
Tyto tenebricosa	Tyto multipunctata
Tyto aurantia	Tyto almae
Phodilus badius	Phodilus assimilis
Megascops guatemalae	Megascops vermiculatus
Otus manadensis	Otus mendeni
Otus senegalensis	Otus feae
Otus magicus	Otus jolandae
Otus bakkamoena	Otus lettia
Otus megalotis	Otus nigrorum
Ptilopsis leucotis	Ptilopsis granti
Bubo virginianus	Bubo magellanicus
Bubo africanus	Bubo cinerascens

Strix aluco	Strix nivicola
Glaucidium gnoma	Glaucidium californicum
Glaucidium brasilianum	Glaucidium tucumanum
Ninox novaeseelandiae	Ninox boobook
Ninox scutulata	Ninox japonica
Ninox philippensis	Ninox spilocephala
Ninox squamipila	Ninox hypogramma
Ninox jacquinoti	Ninox granti
Phaethornis longirostris	Phaethornis baroni
Phaethornis bourcieri	Phaethornis mexicanus
Phaethornis griseogularis	Phaethornis porcullae
Anthracothorax dominicus	Anthracothorax aurulentus
Stephanoxis lalandi	Stephanoxis loddigesii
Lophornis chalybeus	Lophornis verreauxii
Cyanthus latirostris	Cynanthus doubledayi
Amazilia lactea	Amazilia bartletti
Amazilia viridigaster	Amazilia cupreicauda
Amazilia viridifrons	Amazilia wagneri
Lampornis castaneoventris	Lampornis cinereicauda
Heliodoxa schreibersii	Heliodoxa whitelyana
Urochroa bougueri	Urochroa leucura
Oreotrochilus estella	Oreotrochilus stolzmanni
Coeligena torquata	Coeligena conradii
Coeligena bonapartei	Coeligena eos
Coeligena violifer	Coeligena dichroura
Heliangelus amethysticollis	Heliangelus clarisse
Eriocnemis luciani	Eriocnemis sapphiropygia
Oreonympha nobilis	Oreonympha albolimbata
Oxypogon guerinii	Oxypogon stubelii
Schistes geoffroyi	Schistes albogularis
Buceros hydrocorax	Buceros mindanensis
Ramphastos vitellinus	Ramphastos culminatus

Species C	**Relevant CITES listings**
	I
	I
Cyanoramphus saisseti	I
	II
Pyrrhura pfrimeri	II
Tyto sororcula	II
	II
	II
	II
	II
	II
	II

Split B	Split C	Split D
Accipiter sylvestris Accipiter ventralis	Accipiter erythronemius	
Trichoglossus rubritorquis	Trichoglossus weberi	Trichoglossus capistratus
Pyrrhura parvifrons	Pyrrhura peruviana	
Pionites xanthomerius		
Amazona diadema		
Cyclopsitta amabilis	Cyclopsitta melanogenia	
Psittaculirostris cervicalis		
Otus sulaensis Otus pamelae Otus tempestatis Otus lempiji Otus everetti	Otus socotranus Otus semitorques	

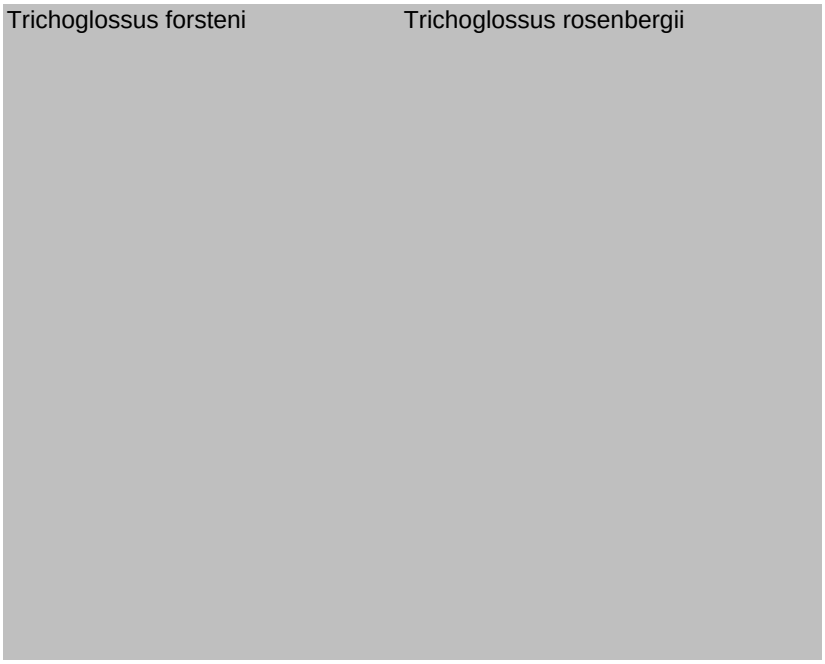
Glaucidium cobanense	Glaucidium hoskinsii	
Ninox leucopsis		
Ninox randi	Ninox obscura	
Ninox leventisi	Ninox reyi	Ninox rumseyi
Ninox hantu	Ninox forbesi	
Ninox malaitae	Ninox roseoaxillaris	
Cynanthus lawrencei		
Coeligena eisenmanni	Coeligena inca	
Coeligena consita		
Coeligena albicaudata	Coeligena osculans	
Heliangelus spencei		
Oxypogon lindenii	Oxypogon cyanolaemus	
Ramphastos citrolaemus	Ramphastos ariel	

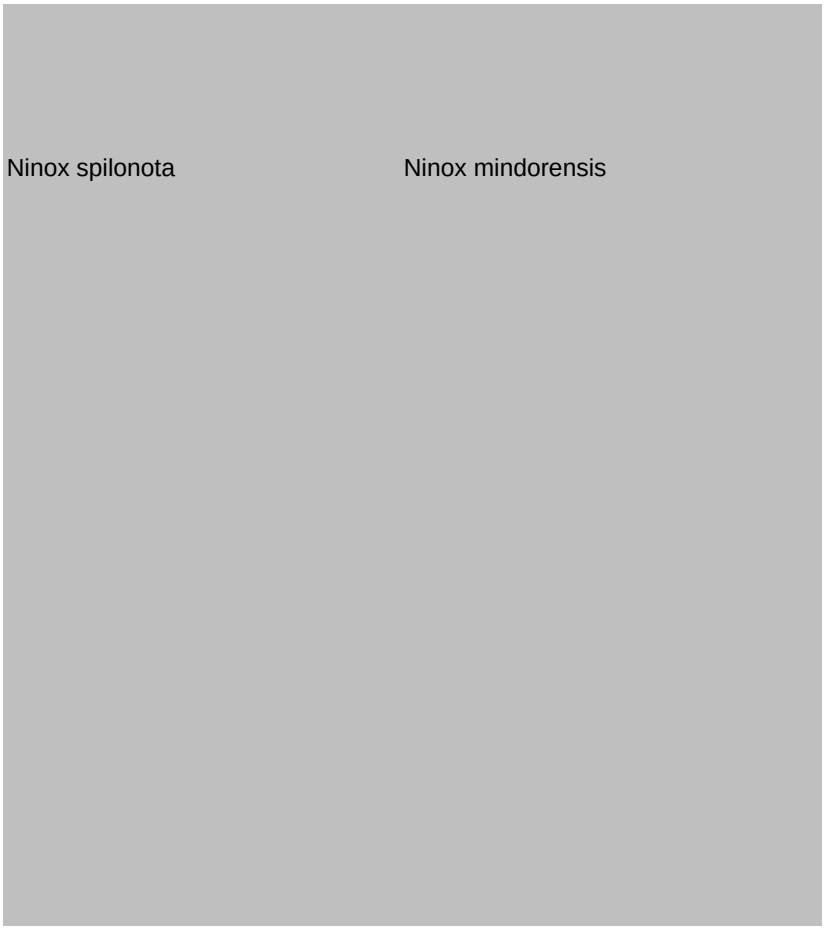
New lumped species

Lophura edwardsi
Falco peregrinus
Cyanoramphus novaezelandiae
Psittacara holochlorus
Pyrrhura leucotis
Tyto novaehollandiae
Bubo poensis
Campylopterus curvipennis
Chlorostilbon mellisugus
Chlorostilbon poortmani
Thalurania colombica
Penelopides affinis

Split E **Split F**

Trichoglossus forsteni Trichoglossus rosenbergii





Ninox spilonota

Ninox mindorensis