CONVENCIÓN SOBRE EL COMERCIO INTERNACIONAL DE ESPECIES AMENAZADAS DE FAUNA Y FLORA SILVESTRES

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Vigésimo séptima reunión del Comité de Fauna
Veracruz (México), 28 de abril – 3 de mayo de 2014

Interpretación y aplicación de la Convención

Comercio y conservación de especies

# NOMENCLATURA NORMALIZADA [RESOLUCIÓN CONF. 12.11 (REV. COP16)]

1. Este documento ha sido preparado por la especialista en nomenclatura zoológica[1].

Tareas de nomenclatura remitidas al Comité de Fauna por la CoP16

*2.* Taxonomía de *Hippocampus*

En la CoP16 Australia solicitó el reconocimiento de cierto número de especies de Hippocampus. Como esa petición se hizo después de haberse adoptado el Anexo 6 (Rev.1) del documento CoP16 Doc 43.1 (Rev.1), se decidió remitir el examen de esta cuestión a la siguiente reunión del Comité de Fauna. La especialista en nomenclatura zoológica se puso en contacto con Australia para aclarar el asunto. Australia pidió que las siguientes especies se reconocieran como especies válidas en el marco de la CITES sobre la base de Kuiter, R.H. (2001): Revisión de los caballitos de mar australianos del género Hippocampus (Syngnathiformes: Syngnathidae) con una descripción de nueve especies nuevas – Registros del Museo de Australia, 53: 293-340.

*Hippocampus bleeker i* FOWLER, 1907 – especie dividida de *Hippocampus abdominalis* LESSON, 1827
*Hippocampus dahli* OGILBY, 1908 – especie dividida de *Hippocampus trimaculatus* LEACH, 1814
*Hippocampus elongatus* CASTELNAU, 1873 (se repondrá por *H. subelongatus* CASTELNAU, 1873)
*Hippocampus kampylotrachelos* BLEEKER, 1854 – especie dividida de *Hippocampus trimaculatus* LEACH, 1814
*Hippocampus planifrons* PETERS, 1877 – especie dividida de *Hippocampus kuda* BLEEKER, 1852
*Hippocampus taeniopterus* BLEEKER, 1852 – especie dividida de *Hippocampus kuda* BLEEKER, 1852
*Hippocampus tristis*CASTELNAU, 1872 – especie dividida de*Hippocampus kuda* BLEEKER, 1852
*Hippocampus tuberculatus* CASTELNAU, 1875 – especie dividida de *Hippocampus breviceps* PETERS, 1869

*H. bleekeri, H. dahli, H. planifrons, H. tristis*y*H. Tuberculatus* son endémicas de las aguas australianas; *H. taeniopterus* es una especie del Pacífico occidental, y *H. kampylotrachelos* se da en el sur de Indonesia (según ESCHMEYER & FRICKE 2014 (Catalog of Fishes, véase *infra*).

Con excepción de las reposiciones de *H. elongatus* por *H. subelongatus* todos los taxa están ya aceptados como taxa válidos en el "Catalog of Fishes" de ESCHMEYER, W.N. & FRICKE, R. (eds.): Catalog of Fishes referencia en línea, (http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/research/Ichthyology/catalog/fishcatmain.asp), versión descargada el 17-2- 2014).

[1] *Las denominaciones geográficas empleadas en este documento no implican juicio alguno por parte de la Secretaría CITES o del Programa de las Naciones Unidas para el Medio Ambiente sobre la condición jurídica de ninguno de los países, zonas o territorios citados, ni respecto de la delimitación de sus fronteras o límites. La responsabilidad sobre el contenido del documento incumbe exclusivamente a su autor.*

Si se recomendara su adopción, la referencia de nomenclatura normalizada para el género *Hippocampus* tendría que modificarse como se indica en el Anexo 1 a este documento. Extractos del Catalog of Fishes de estas especies se han incluido también como información básica en el Anexo 1.

3. Referencia de la nomenclatura de corales

   En la Decisión 15.64 a) se pide al Comité de Fauna que "identifique los materiales de referencia existentes sobre los corales que puedan adoptarse como referencias de nomenclatura normalizadas para los corales incluidos en los Apéndices de la CITES". Como no ha sido posible identificar referencias para cumplir esta finalidad en el período comprendido entre la CoP 15 y la CoP16, en la CoP16 se adoptó una lista de especies de corales proporcionada por el WCMC como solución provisional, dejando la tarea pendiente.

Otras cuestiones de nomenclatura

4. Presentación de referencias de nomenclatura en la Resolución Conf. 12.11 (Rev. CoP16)

   En los diez últimos años el número de las diversas publicaciones adoptadas para definir la nomenclatura utilizada para los diferentes grupos de animales ha aumentado enormemente. Ha habido grandes dificultades para identificar lo que es literatura de referencia para grupos independientes como Cetacea, Primates, Iguanidae, Boidae, Elapidae o Trionychidae. La adopción de nuevas listas globales de taxa superiores, como las aves o los Testudines sólo resuelven este problema para breves períodos intermedios. En el Anexo 2 figura una presentación distinta para las referencias a la fauna que se hacen en el Anexo 1 de la Resolución Conf. 12.11 (Rev. CoP16), recomendada por la especialista en nomenclatura, con objeto de facilitar el uso de esta fuente de información en el futuro.

5. Referencias de nomenclatura para las especies cuya inclusión se sugiere en los Apéndices de la CITES no abarcadas por las referencias de nomenclatura que figuran en la Resolución Conf. 12.11

   Con las nuevas especies que se sugiere incluir en los Apéndices de la CITES sucede a menudo que los respectivos taxa no están abarcados por las referencias que figuran en la Resolución. Conf. 12.11 (véanse las nuevas especies de tiburones y el género *Hoplodactylus* incluidos en la CoP16 en el Apéndice II).

   Este problema se agravará en el futuro a medida que dejen de publicarse cada más listas taxonómicas de taxa superiores como las clases Mammalia, Aves, Reptilia, Amphibia o las diversas clases de peces (que cubren todas las especies del mundo y no sólo las de la CITES) como publicaciones individuales, y que se conviertan en bases de datos en línea actualizadas constantemente. Sin embargo, la CITES requiere la mayor estabilidad posible respecto a la nomenclatura utilizada en el marco de la Convención. Como resultado, también aumentarán los extractos de estas bases de datos en línea descargadas en una fecha determinada, como se ha hecho ya para especies de anfibios, peces y arañas con el fin de que sirvan de listas taxonómicas de la nomenclatura utilizada en el marco de la CITES. Estas sólo cubrirán, naturalmente, las especies incluidas hasta ahora en los Apéndices de la CITES.

   En la Sección C.1.4. del Anexo 5 de la Resolución Conf. 9.24 figura una recomendación con respecto a la taxonomía y la nomenclatura de un taxón sugerido para incluirlo en los Apéndices, pero esto normalmente no da lugar a una solicitud formal de la Parte proponente de adoptar determinada referencia de nomenclatura normalizada en los casos en que el nuevo taxón no esté abarcado ya por las referencias normalizadas adoptadas. Por lo tanto, se recomienda modificar el texto existente:

   "Si la especie en cuestión figura en una de las listas normalizadas de nombres o en las referencias taxonómicas adoptadas por la Conferencia de las Partes, el nombre indicado en esa fuente debe consignarse en esta sección. Si la especie concernida no está incluida en una de las referencias normalizadas adoptadas, el autor de la propuesta debe indicar la fuente del nombre empleado".

   De manera que, en definitiva, se pide al autor de la propuesta que sugiera formalmente una referencia de nomenclatura normalizada para incluirla en el Anexo 6 de la Resolución Conf. 12.11 para el taxón propuesto en caso de que hasta ahora no figure. Una opción que podría considerar al Comité de Fauna podría ser: "... se pide al autor de la propuesta que proporcione información taxonómica en cuanto al origen del nombre que se utiliza y se sugiere incluir una nueva referencia de nomenclatura normalizada en el Anexo de la Resolución Conf. 12.11, en caso necesario".

6. *Bradypuspygmaeus*

   A finales de 2013 se observó que los animales conocidos con el nombre de *Bradypuspygmaeus* fueron incluidos anteriormente en el Apéndice II por la Conferencia de las Partes con el nombre de *Bradypusvariegatus* y que la omisión de la especie en los Apéndices se debía a un descuido. En consecuencia, la Secretaría corrigió los Apéndices de la CITES en el sitio web de la Convención para incluir a *Bradypuspygmaeus*. Para los detalles, véase la Notificación a las Partes No. 2013/052 de la CITES.

7. Cambios taxonómicos en las especies de aves no paseriformes entre la referencia de la nomenclatura básica actual para las aves y su última edición publicada.

   En 2013 se publicó una nueva edición de "The Howard and Moore Complete Checklist of the Birds of the World" en un primer volumen que abarca las aves no paseriformes. La Comisión de la UE encargó al WCMC que identificara los cambios que se derivarían con respecto a la nomenclatura de las especies de aves incluidas en los Apéndices de la CITES y la Reglamentación de la UE por la que se aplica la CITES en los Estados miembros de la Unión Europea. El informe se presenta en el Anexo 3.

8. *Nilssonialeithii* (Gray, 1872)

   *En la* CoP16 se adoptó una publicación de PRASCHAG& al. (2007)[2] como nueva referencia de nomenclatura normalizada para las especies *Nilssoniagangeticus*, *N. hurum* y *N. nigricans*, anteriormente incluida en el género *Aspideretes*. Esta publicación incluye también las especies anteriores de *Aspideretesleithii* en el género *Nilssonia* que se había omitido al cambiar la referencia de nomenclatura normalizada de los taxa *Aspideretes* en la CoP16.

9. Lista taxonómica de todas las especies Chamaeleonidae y el género *Phelsuma*

   Como las referencias de nomenclatura normalizadas para las especies de camaleón y las especies del género *Phelsuma* han aumentado considerablemente (con respecto a los camaleones hay actualmente 32 referencias de nomenclatura normalizadas) y su seguimiento es difícil, la Autoridad Científica alemana encargó a Frank GLAW que compilara una lista taxonómica de todas las especies de la familia Chamaeleonidae y del género *Phelsuma*. En ella se incluirán todas las especies o cambios taxonómicos en estos grupos de taxa publicados hasta julio de 2014. Está previsto publicar la lista en el primer volumen de Vertebrate Zoology en 2015. Hasta ahora se han identificado 11 géneros de camaleón, junto con 198 especies, y 52 especies de *Phelsuma* abarcados en la lista (véase el Anexo 4). Al igual que la principal referencia de nomenclatura para los quelonios del mundo, la lista incluirá todas las especies y subespecies, una lista de los sinónimos más importantes y la distribución de las especies de que se trata.

10. Otros cambios en la nomenclatura identificados en especies de reptiles

    La Comisión de la UE encargó también al WCMC que identificara los cambios recientes que se derivarían con respecto a la nomenclatura de las especies de reptiles (distintos de los camaleones y las especies de *Phelsuma*) abarcadas por la CITES y la Reglamentación de la UE por la que se aplica la CITES en los Estados miembros de la Unión Europea. El informe se presenta en el Anexo 5.

11. Especies de anfibios adoptadas por las Partes pero que faltan en la lista taxonómica actual de anfibios adoptada como referencia de nomenclatura normalizada para las especies de anfibios.

    En la CoP16 se adoptaron bastantes cambios en la taxonomía de los anfibios y la nomenclatura resultante. Lamentablemente, dos especies (*Altiphrynoidesmalcolmi* y *Hyloxalusazureiventris*) omitidas por error se añadirán al extracto de la base de datos en línea “Especies de anfibios del mundo”, utilizada ahora como Lista taxonómica de las especies de anfibios incluidas en los Apéndices de la CITES (véase la Resolución Conf.12.11). La información que falta para estas dos especies se ha compilado en el Anexo 6 sobre la base de la versión en línea actual de la base de datos mencionada y completada también con la información respectiva sobre *Hynobiusamjiensis* incluida en el Apéndice III por China el 12 de junio de 2013.

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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.*

12. *Sphyrnagilberti*, *Scleropagesinscriptus* y otras adiciones necesarias en la Lista taxonómica de especies de tiburones y de peces incluidas en los Apéndices de la CITES.

*Sphyrnagilberti* QUATTRO, DRIGGERS III, GRADY, ULRICH & ROBERTS, 2013[3], ha sido descrita en 2013 como nueva especie del género *Sphyrna*. La designación de esta especie se basa en 54 especímenes recogidos en las aguas costeras de Carolina del Sur (Estados Unidos). Morfológicamente, *S. gilberti* es separable de *S. lewini* (GRIFFITH & SMITH, 1834) sólo en lo que se refiere al número de vértebras precaudales. Debido a la rareza del espécimen y al comportamiento altamente migratorio de la mayoría de los esfímidos, todavía no se conoce el área de distribución de *S. gilberti*.

Teniendo en cuenta que el área de distribución de los pocos especímenes capturados de *S. gilberti* se encuentra en el área de distribución de *S. lewini*, que existe semejanza entre *S. lewini* y *S. Gilberti,* que sólo difieren en las características morfológicas internas, lo que supone que muchos especímenes identificados hasta ahora como *S .lewini* pueden pertenecer en realidad a *S. gilberti*, la especialista en nomenclatura del Comité de Fauna considera que *S. gilberti* debe figurar en la lista actual de *S. lewini* en el Apéndice II de la CITES.

En 2012, la Secretaría de la CITES informó a las Partes mediante la Notificación 2012/43 de la publicación de una nueva especie de *Scleropages, Scleropagesinscriptus* ROBERTS, 2012, y de su situación con respecto a los Apéndices de la CITES. Teniendo en cuenta la información proporcionada en la propuesta de inclusión original de *Scleropagesformosus* y la información proporcionada en la publicación en que se describe la nueva especie *Scleropagesinscriptus*[4] parece evidente que *Scleropagesinscriptus* debe considerarse abarcada por la lista actual de *Scleropagesformosus* en el Apéndice I.

ROBERTS (2012) indica su estrecha relación con *S. Formosus,* así como la posibilidad de distinguir entre estos dos taxa por diferentes combinaciones de colores; *S. inscriptus* tiene marcas laberínticas únicas: “Se diferencia de las dos especies australianas del subgénero *Scleropages* en caracteres merísticos y morfométricos, y al mismo tiempo coincide en gran medida en estos caracteres con su congénere del Asia Sudoriental *S. formosus* del subgénero *Delsmania*" (página 115) y “por consiguiente, la notable diferencia en los patrones de color en *S. inscriptus*strongly indica que no es la misma especie que *S. formosus*" (página 117). Se recomienda, pues, aceptar *S. inscriptus* como especie válida que forma parte de la anterior inclusión de *S. formosus,* por lo que se recomienda agregar la especie en el Apéndice I en la próxima CoP.

En la CoP16 se incluyeron varias especies de tiburones en el Apéndice II de la CITES. Estas faltan naturalmente en la lista de peces (documento CoP16 Doc. 43.1, Anexo 2) adoptada como referencia de nomenclatura normalizada de las especies de peces. Además, *Neoceratodusforsteri* y el género *Laterimeria* tampoco han figurado en la lista hasta ahora.

En el Anexo 7 figura la información taxonómica que falta extraída de la base de datos en línea "Catalogue of Fish Species" por ESCHMEYER & FRICKE para todas las especies de peces mencionadas.

<u>Armonización de la nomenclatura con otros acuerdos multilaterales sobre medio ambiente relacionados con la diversidad biológica</u>

Esta sección ha sido preparada por la Secretaría de la CITES

13. En la Resolución Conf. 12.11 (Rev. CoP16) sobre Nomenclatura normalizada se reconoce la conveniencia de armonizar, en la medida de lo posible, la normenclatura de las especies utilizada en los acuerdos multilaterales sobre medio ambiente relacionados con la diversidad biológica y se pide a la Secretaría que, en estrecha cooperación con los especialistas en nomenclatura de los Comités de Fauna y de Flora, fomente esa armonización. Este objetivo fue apoyado por las Presidencias de los Órganos de Asesoramiento Científico de las Convenciones relacionadas con la Diversidad Biológica (CSAB) en su segunda reunión (Bonn, mayo de 2008).

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

[4] *ROBERTS, T.R. (2012):* Scleropagesinscriptus*, 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.*

14. El principal acuerdo multilateral sobre medio ambiente basado en especies es la Convención sobre la Conservación de las Especies Migratorias de Animales Silvestres (CMS). En los últimos años, a través de un proceso de adaptación mutua, la CITES y la CMS han logrado una armonización casi completa de la nomenclatura utilizada para la clase Mammalia.

15. Como se informó en la 26ª reunión del Comité de Fauna en el documento AC26 Doc. 20, en la décima reunión de la Conferencia de las Partes en la CMS (Bergen, noviembre de 2011) se pidió al Presidente del Consejo Científico de la CMS que se pusiera en contacto con la CSAB y otros organismos con el fin de evaluar la posible adopción por las Partes en la CMS de una sola nomenclatura y taxonomía para las aves que se adoptaría en la CoP11 de la CMS a finales de 2014.

16. En cumplimiento de esta instrucción, la CMS convocó una reunión *ad hoc* sobre Armonización de la taxonomía de las aves, que se celebró en Formia (Italia) el 8 de octubre de 2013. La Secretaría participó en esa reunión. En el momento de redactar el presente documento (febrero de 2014) no se dispone del informe final de la reunión, pero se espera tenerlo antes de la presente reunión.

17. En la reunión se manifiestó la tendencia entre la CMS y sus acuerdos derivados presentes que había interés en seguir la nomenclatura utilizada en Lista Roja de Especies Amenazadas de la UICN, ya que muchos instrumentos de la CMS existentes tenían vínculos directos con ella. En cuanto a las aves, en la Lista Roja de Especies Amenazadas de la UICN se emplea *The BirdLife checklist of the birds of the world, with conservation status and taxonomic sources,* de la que se ocupa un Grupo de Trabajo Taxonómico de BirdLife.

18. La version actual de *The BirdLife checklist of the birds of the world, with conservation status and taxonomic sources* es la Versión 6 de noviembre de 2013 (http://www.birdlife.org/datazone/userfiles/file/Species/Taxonomy/BirdLife_Checklist_Version_6.zip

19. BirdLife International tiene la intención de publicar su lista con un volumen sobre las aves no paseriformes en 2016. (http://www.lynxeds.com/product/hbw-and-birdlife-international-illustrated-checklist-birds-world). BirdLife International ha tenido la amabilidad de comparar los actuales Apéndices de la CITES con el actual borrador de la lista de especies que figurarán en la lista de aves no paseriformes que se publicará a finales de 2014. Las diferencias se pueden ver en el Anexo 8 del presente documento.

Recomendaciones para la labor del Grupo de Trabajo sobre Nomenclatura en la 26ª reunión del Comité de Fauna

20. Se sugiere:

    – preparar recomendaciones sobre todos los cambios de nomenclatura identificados en los puntos 2, 7-8, 10-12 de este documento;

    – preparar recomendaciones en relación con las sugerencias de la especialista en nomenclatura en los puntos 4 y 5;

    – preparar una recomendación sobre la manera de proceder respecto a la solicitud de las Partes señalada en la Decisión 15.64 a), en el punto 3; y

    – tener en cuenta las novedades de que se informa en los puntos 13 a 19 y responder en la medida necesaria.

**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.

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***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.

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***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.

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***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.

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***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.

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***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.

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***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.

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***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]

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

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CABALLERO, S., TRUJILLO, F., VIANNA, J. A., BARRIOS-GARRIDO, H., MONTIEL, M. G., BELTRÁN-PEDREROS, S., MARMONTEL, M., SANTOS, M. C., ROSSI-SANTOS, M. R. & BAKER, C. S. (2007). Taxonomic status of the genus *Sotalia*: species level ranking for "tucuxi" (*Sotalia fluviatilis*) and "costero" (*Sotalia guianensis*) dolphins. - Marine Mammal Science, **23**: 358-386 [for *Sotalia fluviatilis* and *Sotalia guianensis*]

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BOUBLI, J. P., DA SILVA, M. N. F., AMADO, M. V., HRBEK, T., PONTUAL, F. B. & FARIAS, I. P. (2008): A taxonomic reassessment of *Cacajao melanocephalus* Humboldt (1811), with the description of two new species. – International Journal of Primatology, **29**: 723-741. [for *Cacajao ayresi, C. hosomi*]

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*]

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MERKER, S. & GROVES, C.P. (2006): *Tarsius lariang*: A new primate species from Western Central Sulawesi. – International Journal of Primatology, **27**(2): 465-485. [for *Tarsius lariang*]

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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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*]

PIACENTINI, V. Q., ALEIXO, A. & SILVEIRA, L. F. (2009): Hybrid, subspecies or species? The validity and taxonomic status of *Phaethornis longuemareus aethopyga* Zimmer, 1950 (Trochilidae). - Auk, **126**: 604-612. [for *Phaethornis aethopyga*]

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WHITTAKER, A. (2002): A new species of forest-falcon (Falconidae: *Micrastur*) from southeastern Amazonia and the Atlantic rainforests of Brazil. – Wilson Bulletin, **114**: 421-445. [for *Micrastur mintoni*]

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OLMOS, F., SILVA, W. A. G. & ALBANO, C. (2005: Grey-breasted Conure *Pyrrhura griseipectus*, an overlooked endangered species. - Cotinga, **24**: 77-83. [for *Pyrrhura griseipectus*]

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## Strigiformes (in addition to the main reference noted under Aves above)

DA SILVA, J. M. C., COELHO, G. & GONZAGA, P. (2002): Discovered on the brink of extinction: a new species of pygmy owl (Strigidae: Glaucidium) from Atlantic forest of northeastern Brazil. – Ararajuba, **10**(2): 123-130. [for *Glaucidium mooreorum*]

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# REPTILIA

## Crocodylia and Rhynchocephalia

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**Gekkonidae**

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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*]

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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*]

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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*]

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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*]

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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*]

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**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*]

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## 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)

PRASCHAG, P., HUNDSDÖRFER, A. K. & FRITZ, U. (2007): Phylogeny and taxonomy of endangered South and South-east Asian freshwater turtles elucidates by mtDNA sequence variation (Testudines: Geoemydidae: *Batagur, Callagur, Hardella, Kachuga, Pangshura*). -- Zoologica Scripta, **36**: 429-442. [for *Batagur borneoensis, Batagur dhongoka, Batagur kachuga, Batagur trivittata*]

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*]

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

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. [for *Nilssonia gangeticus, N. hurum, N. nigricans*]

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# AMPHIBIA

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# 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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# 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 World Conservation Monitoring Centre**
**(UNEP-WCMC)**
219 Huntingdon Road,
Cambridge CB3 0DL, UK
Tel: +44 1223 277314
www.unep-wcmc.org

**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

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

## Prepared

January 2014



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**UNEP World Conservation Monitoring Centre**
**(UNEP-WCMC)**
219 Huntingdon Road,
Cambridge CB3 0L, UK
Tel: +44 1223 277314
www.unep-wcmc.org

## 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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**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.*

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## 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.

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# 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.

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**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.

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***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.

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***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.

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***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.

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## 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.

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## 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.

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## 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.

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## 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.

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#### *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.

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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<br>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<br>Otus pamelae<br>Otus tempestatis<br>Otus lempiji<br>Otus everetti | Otus socotranus<br>Otus semitorques | |

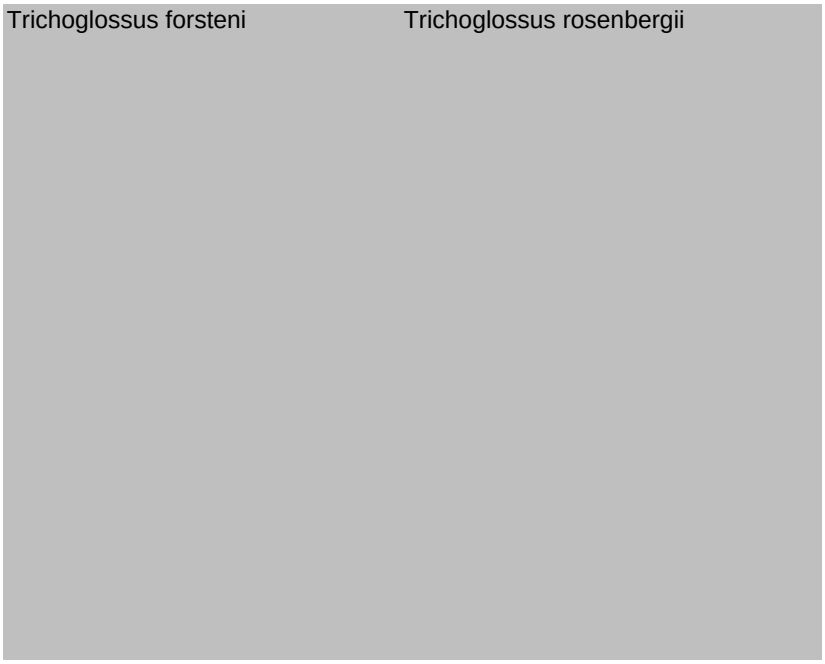
| | | |
|---|---|---|
| Glaucidium cobanense | Glaucidium hoskinsii | |
| Ninox leucopsis | | |
| Ninox randi | Ninox obscura | |
| Ninox leventisi | Ninox reyi | Ninox rumseyi |
| Ninox hantu | Ninox forbesi | |
| Ninox malaitae | Ninox roseoaxillaris | |
| Cynanthus lawrencei | | |
| Coeligena eisenmanni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

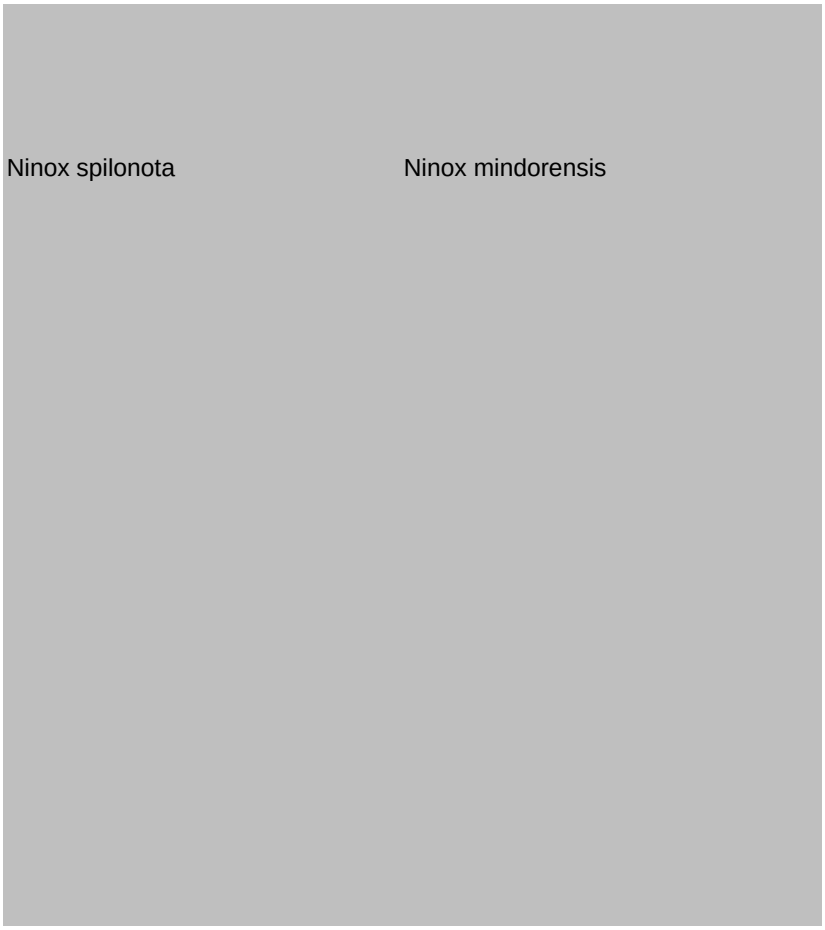
**New lumped species**

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