

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



Twenty-fourth meeting of the Animals Committee  
Geneva, (Switzerland), 20-24 April 2009

NOMENCLATURAL MATTERS

1. This document has been submitted by the specialist on zoological nomenclature\*.

Nomenclatural issues arisen from the new nomenclatural references for birds and mammals

2. *Anas oustaleti* (see AC24 Doc. 18.1)

3. *Glaucidium mooreorum*, *Micrastur mintoni*, *Pionopsitta aurantiocephala*

As outlined in Notification to the Parties No. 2008/051 the nomenclatural references for these species were accidentally omitted from Resolution Conf. 12.11 (Rev. CoP14). The respective references for these species are:

GABAN-LIMA, R., RAPOSO, M.A. & HOFLING, E. (2002): Description of a new species of *Pionopsitta* (Aves: Psittacidae) endemic to Brazil. – *Auk*, 119: 815-819. [for *Pionopsitta aurantiocephala*]

DA SILVA, J.M.C., COELHO, G. & GONZAGA, P. (2002): Discovered at 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*]

WHITTAKER, A. (2002): A new species of forest-falcon (Falconidae: *Micrastur*) from southeastern Amazonia and the Atlantic rainforests of Brazil. – *Wilson Bulletin*, 114(4): 421:445. [for *Micrastur mintoni*]

It is recommended to correct this at the next Conference of the Parties (CoP15) by adding these references to Resolution Conf. 12.11 (Rev. CoP14).

4. *Puma concolor* subspecies listed in different Appendices

The current standard nomenclature reference for mammals does not only include taxa down to species level but also current generally accepted subspecies names. With regard to the species *Puma concolor* the subspecies concept of the reference does not reflect the system according to which certain *Puma* subspecies have been listed on Appendix I and others on Appendix II. As a result certain "new" subspecies include Appendix I as well as Appendix II specimens. This has been outlined already by Notification to the Parties No. 2008/051. It is recommended to correct this at the next Conference of the Parties (CoP15) in an appropriate way.

Other nomenclatural issues identified after AC 23

5. *Canis lupus* and domesticated forms of dogs and dingos

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\* The geographical designations employed in this document do not imply the expression of any opinion whatsoever on the part of the CITES Secretariat or the United Nations Environment Programme concerning the legal status of any country, territory, or area, or concerning the delimitation of its frontiers or boundaries. The responsibility for the contents of the document rests exclusively with its author.

Already the former mammal reference regarded *Canis familiaris* as part of the species *Canis lupus*. However, this has not been recognized until after the adoption of a the new mammal reference which not only considers *Canis familiaris* but also the Dingo as subspecies of *Canis lupus*. However, it is quite obvious that neither domesticated forms of dogs nor the Dingo are considered as being covered by the listing of *Canis lupus* in the Appendices. (see also Notification to the Parties No. 2008/051).

It is therefore recommended that the Animals Committee prepares a respective proposal for CoP15 by suggesting adding the following annotation to *Canis lupus*: Excludes the domesticated form and the dingo which are referenced as *Canis lupus familiaris* and *Canis lupus dingo*.

#### Identified recent nomenclatural changes in CITES listed animal species

6. Annexes 1 to 4 represent a compilation of recently described nomenclatural changes on species and genus level referring to CITES listed species and are provided in the language in which they were submitted.<sup>1</sup> The tabulations cover two groups, species with an adopted standard reference as well as species without such a reference.
7. A high number of published nomenclatural changes have been identified as demonstrated in these annexes. It is suggested that the Nomenclature Working Group develops a recommendation for the Animals Committee on which changes to formally accept by their inclusion into Resolution Conf. 12.11(Rev.CoP14) and which just to note by addition of these to the non-valid names in the Checklist of CITES species.
8. The nomenclature specialist on the Animals Committee suggests a pragmatic approach for this discussion taking into account the nomenclature guidelines as down in Resolution Conf. 11.1 (Rev. CoP14) as well as some additional aspects, especially when considering splitlistings of species. CITES results in laws of its member states implementing it on national level. Permits and other documents are issued on species names. These documents may serve as a basis for other documents, e.g. re-export permits, issued years or sometimes even decades later. Therefore the contents of what is covered by a scientific species name cannot change continuously. This would lead to serious confusion in implementing the Convention. In addition, CITES specimens should be readily recognizable. The nomenclature used under CITES purposes should therefore be as conservative as scientifically and from the perspective of the species conservation point of view justifiable. It does not necessarily need to reflect the latest state of taxonomic knowledge in every detail as long as the taxon originally listed is covered by the scientific name used.

#### Papilionidae and Corals

9. As outlined in the report of the nomenclature specialist to CoP14 there is a need for an officially adopted standard reference for all CITES listed butterflies (not only covering birdwings) and coral species. However, no progress has been achieved so far as funds have not been made available yet to carry out the necessary studies. However, a butterfly specialist from the Canadian CITES Management Authority has offered to assist in developing a checklist for the Lepidoptera species under CITES, so that this issue hopefully can be dealt with in the next term.

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<sup>1</sup> Annexes 2 and 4 have been provided by WCMC, financed by the European Commission. As these tabulations have been compiled referring to the EU Wildlife Trade Regulations they may include a few non-CITES taxa as well, as they are covered by the respective EU legislation.

**New Mammal species or genera (and other recently proposed nomenclatural and taxonomic changes on genus or species level)**

not taken into account in the current CITES Mammal Nomenclature reference, Wilson, D.E. & Reeder, D.A. M. (eds.)(2005): Mammal Species of the World, A Taxonomic and Geographic Reference, 3rd edition, volume 1-2, 2142 pp.

Compiled by the Nomenclature Specialist on the CITES Animals Committee and Tim Inskipp/WCMC.

\*) Species identification by genetics only

\*\*) Tattersall (2007) has cautioned that the *Lepilemur* species reported by Louis *et al.* (2006), all diagnosed exclusively on genetic distance and all allopatric, be treated with extreme caution until supporting data are forthcoming.

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<b>MAMMALIA</b>		
<b>CARNIVORA</b>		
<b>CANIDAE</b>		
<i>Canis himalayensis</i>	AGGARWAL, KIVISILD, RAMADEVI & SINGH (2007)	New species, split from <i>C. lupus</i>
<i>Canis indica</i>	AGGARWAL, KIVISILD, RAMADEVI & SINGH (2007)	New species, split from <i>C. lupus</i>
<b>FELIDAE</b>		
<i>Neofelis diardi</i>	KITCHENER, BEAUMONT & RICHARDSON (2006)	Split from <i>N. nebulosa</i>
<b>HERPESTIDAE</b>		
<i>Herpestes auropunctatus</i>	VERON, PATOU, POTHET, SIMBERLOFF & JENNINGS (2007)	Split from <i>H. javanicus</i>
<b>CETACEA</b>		
<b>DELPHINIDAE</b>		
<i>Orcaella heinsohni</i>	BEASLEY, ROBERTSON & ARNOLD (2005)	New species split from <i>Orcaella brevirostris</i>
<b>ARTIODACTYLA</b>		
<b>TAYASSUIDAE</b>		
<i>Pecari maximus</i>	VAN ROOSMALEN, FRENZ, VAN HOOFT, DE IONGH & LEIRS (2007)	New species
<b>CHIROPTERA</b>		
<b>PTEROPODIDAE</b>		
<i>Pteropus banakrisi</i>	HELGEN (2004)	Described in 2002, but subsequently found to be based on subadult <i>P. alecto</i>
<b>PRIMATES</b>		
<b>ATELIDAE</b>		
<i>Alouatta arctoidea</i>	IUCN (2008)	Split from <i>A. seniculus</i>
<i>Alouatta discolor</i>	IUCN (2008)	Split from <i>A. belzebul</i>

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<i>Alouatta juara</i>	IUCN (2008)	Split from <i>A. seniculus</i>
<i>Alouatta puruensis</i>	IUCN (2008)	Split from <i>A. seniculus</i>
<i>Alouatta ululata</i>	IUCN (2008)	Split from <i>A. belzebul</i>
<b>CALLITRICHIDAE</b>		
<i>Callibella humilis</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico acariensis</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico argentatus</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico chrysoleucus</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico emiliae</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico humeralifer</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico intermedius</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico leucippe</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico manicorensis</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico marcai</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico mauesi</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico melanurus</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico nigriceps</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<i>Mico saterei</i>	IUCN (2008)	Generic change from <i>Callithrix</i>
<b>CEBIDAE</b>		
<i>Aotus brumbacki</i>	IUCN (2008)	Split from <i>A. lemurinus</i>
<i>Aotus griseimembra</i>	IUCN (2008)	Split from <i>A. lemurinus</i>
<i>Aotus zonalis</i>	IUCN (2008)	Split from <i>A. lemurinus</i>
<i>Aotus jorgehernandezi</i>	DEFLER & BUENO (2007)	New species
<i>Cacajao ayresi</i>	BOUBLI, DA SILVA, AMADO, HRBEK, PONTUAL & FARIAS (2008)	New species split from <i>Cacajao melanocephalus</i>
<i>Cacajao hosomi</i>	BOUBLI, DA SILVA, AMADO, HRBEK, PONTUAL & FARIAS (2008)	New species split from <i>Cacajao melanocephalus</i>
<i>Callicebus aureipalatii</i>	WALLACE, GOMEZ, FELTON & FELTON (2006)	New species
<i>Cebus cay</i>	IUCN (2008)	Split from <i>C. libidinosus</i>
<i>Cebus flavius</i>	OLIVEIRA & LANGGUTH (2006), IUCN (2008)	Revalidated species
<i>Cebus macrocephalus</i>	IUCN (2008)	Split from <i>C. apella</i>
<i>Cebus queirozi</i>	MENDES PONTES, MALTA & ASFORA (2006)	New species N.B. invalidly described according to OLIVEIRA & LANGGUTH (2006)
<i>Cebus robustus</i>	IUCN (2008)	Split from <i>C. nigrurus</i>
<b>CERCOPITHECIDAE</b>		
<i>Lophocebus ugandae</i>	GROVES (2007)	Split from <i>L. albigena</i>

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<i>Macaca munzala</i>	SINHA, DATTA, MADHUSUDAN & MISHRA (2005)	New species
<i>Rungwecebus kipunji</i>	1) JONES, EHARDT, BUTYNSKI, DAVENPORT, MPUNGA, MACHAGA & OLSON (2006) 2) DAVENPORT, STANLEY, SARGIS, DE LUCA, MPUNGA, MACHAGA & OLSON (2006)	1) New species and 2) Generic change from <i>Lophocebus</i>
<i>Semnopithecus johnii</i>	BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)	Generic change from <i>Trachypithecus</i>
<i>Semnopithecus vetulus</i>	BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)	Generic change from <i>Trachypithecus</i>
<i>Trachypithecus villosus</i>	BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)	Replacement name for <i>T. cristatus</i>
<b>CHEIROGALEIDAE</b>		
<i>Microcebus bongolavensis</i>	OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)	New species
<i>Microcebus danfossi</i>	OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)	New species
<i>Microcebus jollyae</i>	LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVelo, MAYOR & BRENNEMAN (2006)	New species split from <i>M. rufus</i>
<i>Microcebus lehilahytsara</i>	KAPPELER, RASOLOARISON, RAZAFIMANANTSOA, WALTER & ROOS (2005)	New species split from <i>M. rufus</i>
<i>Microcebus lokobensis</i>	OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)	New species new species
<i>Microcebus macarthurii</i>	RADESPIEL, OLIVIERI, RASOLOFOSON, RAKOTONDRAVONY, RAKOTONIRAINY, RASOLOHARIJOANA, RANDRIANAMBININA, RATSIMBAZAFY, RATELOLAHAY, RANDIAMBOAVONJY, RASOLOFOHARIVelo, CRAUL, RAKOTOZAFY & RANDRIANARISON (2008)	New species split from <i>M. mittermeieri</i>
<i>Microcebus mampiratra</i>	ANDRIANTOMPOHAVANA, ZAONARIVelo, ENGBERG, RANDRIAMAMPIONONA, MCGUIRE, SHORE, RAKOTONOMENJANAHARY, BRENNEMAN & LOUIS (2006)	New species
<i>Microcebus mittermeieri</i>	LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVelo, MAYOR & BRENNEMAN (2006)	New species split from <i>M. rufus</i>
<i>Microcebus simmonsii</i>	LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVelo, MAYOR & BRENNEMAN (2006)	New species split from <i>M. rufus</i>

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<i>Mirza zaza</i>	KAPPELER, RASOLOARISON, RAZAFIMANANTSOA, WALTER & ROOS (2005)	New species
<b>GALAGIDAE</b>		
<i>Galagoides cocos</i>	IUCN (2008)	Generic change and split from <i>Galago zanzibaricus</i>
<i>Galagoides demidovii</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides granti</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides nyasae</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides orinus</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides rondoensis</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides thomasi</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Galagoides zanzibaricus</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Sciurocheirus alleni</i>	IUCN (2008)	Generic change from <i>Galago</i>
<i>Sciurocheirus gabonensis</i>	IUCN (2008)	Generic change from <i>Galago</i>
<b>HYLOBATIDAE</b>		
<i>Hoolock hoolock</i>	MOOTNICK & GROVES (2005)	Generic change from <i>Hylobates</i>
<i>Hoolock leuconedys</i>	MOOTNICK & GROVES (2005)	Generic change from <i>Hylobates</i> and split from <i>H. hoolock</i>
<i>Nomascus nasutus</i>	IUCN (2008)	Split from <i>N. concolor</i>
<b>INDRIDAE</b>		
<i>Avahi betsileo</i> *	ANDRIANTOMPOHAVANA, LEI, ZAONARIVÉLO, ENGBERG, NALANIRINA, MCGUIRE, SHORE, ANDRIANASOLO, HERRINGTON, BRENNEMAN & LOUIS JR. (2008)	New species split from <i>A. laniger</i>
<i>Avahi cleesei</i>	THALMANN & GEISSMANN (2005)	New species
<i>Avahi meridionalis</i> *	ZARAMODY, FAUSSER, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)	New species split from <i>A. laniger</i>
<i>Avahi mooreorum</i> *	ANDRIANTOMPOHAVANA, LEI, ZAONARIVÉLO, ENGBERG, NALANIRINA, MCGUIRE, SHORE, ANDRIANASOLO, HERRINGTON, BRENNEMAN & LOUIS JR. (2008)	New species split from <i>A. laniger</i>
<i>Avahi peyrierasi</i> *	ZARAMODY, FAUSSER, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)	New species split from <i>A. laniger</i>
<i>Avahi ramanantsoavani</i> *	ZARAMODY, FAUSSER, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)	New species, split from <i>A. laniger</i>
<i>Propithecus candidus</i>	IUCN (2008)	Split from <i>P. diadema</i>
<i>Propithecus coronatus</i>	IUCN (2008)	Split from <i>P. verreauxi</i>
<b>LEMURIDAE</b>		
<i>Hapalemur meridionalis</i>	IUCN (2008)	Split from <i>H. griseus</i>

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<b>LEPILEMURIDAE</b>		
<i>Lepilemur aeeclis</i> *	ANDRIAHOLIRINA, FAUSSER, ROOS, ZINNER, THALMANN, RABARIVOLA, RAVOARIMANANA, GANZHORN, MEIER, HILGARTNER, WALTER, ZARAMODY, LANGER, HAHN, ZIMMERMANN, RADESPIEL, CRAUL, TOMIUK, TATTERSALL. & RUMPLER (2006)	New species split from <i>L. ruficaudatus</i>
<i>Lepilemur ahmansonii</i> * = <i>L. ahmansonorum</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006) IUCN (2008)	New species (split from <i>L. edwardsi</i> ?) **)
<i>Lepilemur betsileo</i> *	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)	New species (split from another already known <i>Lepilemur</i> species?) **)
<i>Lepilemur fleuretae</i> *	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)	New species (split from <i>L. leucopus</i> ?) **)
<i>Lepilemur grewcocki</i> * = <i>L. grewcockorum</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006) IUCN (2008)	New species split from <i>L. dorsalis</i> **)
<i>Lepilemur hubbardi</i> * = <i>L. hubbardorum</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006) IUCN (2008)	New species (split from <i>L. ruficaudatus</i> ?) **)
<i>Lepilemur jamesi</i> * = <i>L. jamesorum</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVelo, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006) IUCN (2008)	New species (split from another already known <i>Lepilemur</i> species?) **)
<i>Lepilemur manasamody</i> *	CRAUL, ZIMMERMANN, RASOLOHARIJAONA, RANDRIANAMBININA & RADESPIEL (2007)	New species split from <i>L. edwardsi</i> [Considered a junior synonym of <i>L. grewcocki</i> Louis Jr. & al. 2006] Comment in IUCN/SSC Primate Specialist Group Report 2007-2008.

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<i>Lepilemur milanoii</i> *	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVELO, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)	New species (split from <i>L. ruficaudatus</i> ?) **)
<i>Lepilemur mittermeieri</i> *	RABARIVOLA, ZARAMODY, FAUSSER, ANDRIAHOLINIRINA, ROOS, ZINNER, HAUWY & RUMPLER (2006)	New species split from <i>L. dorsalis</i>
<i>Lepilemur otto</i> *	CRAUL, ZIMMERMANN, RASOLOHARIJAONA, RANDRIANAMBINA & RADESPIEL (2007)	New species split from <i>L. edwardsi</i>
<i>Lepilemur petteri</i> *	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVELO, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)	New species (split from another already known <i>Lepilemur</i> species?) **)
<i>Lepilemur randrianasoloi</i> *	ANDRIAHOLIRINA, FAUSSER, ROOS, ZINNER, THALMANN, RABARIVOLA, RAVOARIMANANA, GANZHORN, MEIER, HILGARTNER, WALTER, ZARAMODY, LANGER, HAHN, ZIMMERMANN, RADESPIEL, CRAUL, TOMIUK, TATTERSALL. & RUMPLER (2006)	New species split from <i>L. ruficaudatus</i>
<i>Lepilemur sahalazensis</i> *	ANDRIAHOLIRINA, FAUSSER, ROOS, ZINNER, THALMANN, RABARIVOLA, RAVOARIMANANA, GANZHORN, MEIER, HILGARTNER, WALTER, ZARAMODY, LANGER, HAHN, ZIMMERMANN, RADESPIEL, CRAUL, TOMIUK, TATTERSALL. & RUMPLER (2006)	New species split from <i>L. dorsalis</i>
<i>Lepilemur scottorum</i> *	LEI, ENGBERG, ANDRIANTOMPOHAVANA, MCGUIRE, MITTERMEIER, ZAONARIVELO, BRENNEMAN & LOUIS JR. (2008)	New species
<i>Lepilemur seali</i> *	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVELO, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)	New species (split from another already known <i>Lepilemur</i> species?) **)
<i>Lepilemur tymerlachsoni</i> * = <i>L. tymerlachsonorum</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVELO, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)  IUCN (2008)	New species (split from <i>L. edwardsi</i> ?) **)
<i>Lepilemur wrighti</i> * = <i>L. wrightae</i>	LOUIS JR., ENGBERG, LEI, GENG, SOMMER, RANDIAMAMPIONONA, RANDRIAMANANA, ZAONARIVELO, ANDRIANTOMPOHAVANA, RANDRIA, RAMAROMILANTO, RAKOTOARISOA, ROONEY, & BRENNEMAN (2006)  IUCN (2008)	New species (split from <i>L. leucopus</i> ?) **)



Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
<b>LORISIDAE</b>		
<i>Nycticebus javanicus</i>	IUCN (2008)	Split from <i>N. coucang</i>
<i>Nycticebus menagensis</i>	IUCN (2008)	Split from <i>N. coucang</i>
<b>TARSIIDAE</b>		
<i>Tarsius lariang</i>	MERKER & GROVES (2006)	New species

## References

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# **Birds: new species and other taxonomic changes relating to species listed in the EC wildlife trade regulations**

February, 2009

**A report to the European Commission  
Directorate General E - Environment  
ENV.E.2. - Environmental Agreements and Trade**



by the

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World Conservation Monitoring Centre**





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### CITATION

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## Introduction

At CITES CoP 14, Dickinson (2003) and Dickinson (2005) were adopted as the CITES standard references for birds (with the exception of *Psittacus intermedia* and *Trichoglossus haematodus*). These are also the standard references determining nomenclature in the EC wildlife trade regulations (most recently EC 318/2008). Since the publication of Dickinson (2003) and Dickinson (2005), 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 the EC wildlife trade regulations.

The table below contains a list of taxonomic changes relating to birds that were not included in Dickinson (2003) and Dickinson (2005) relating to species listed in the EC wildlife trade regulations.

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<b>AVES</b>		
<b>ANSERIFORMES</b>		
ANATIDAE		
<i>Branta hutchinsii leucopareia</i>	Banks <i>et al.</i> (2004), Sangster <i>et al.</i> (2005)	Split from <i>B. canadensis</i>
<i>Sarkidiornis sylvicola</i>	Kear (2005)	Split from <i>S. melanotos</i>
<b>APODIFORMES</b>		
TROCHILIDAE		
<i>Agelaiocercus berlepschi</i>	Hilty (2003), Remsen <i>et al.</i> (2008)	Split from <i>A. kingi</i>
<i>Amazilia alticola</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>A. amazilia</i>
<i>Amazilia cupreicauda</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>A. viridigaster</i>
<i>Amazilia rondoniae</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>A. versicolor</i>
<i>Avocettula recurvirostris</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Anthracothorax</i>
<i>Chlorestes notata</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Chlorostilbon</i>
<i>Chlorostilbon gibsoni</i>	Remsen <i>et al.</i> (2008)	Split from <i>C. mellisugus</i>
<i>Chlorostilbon lucidus</i>	Pacheco & Whitney (2006)	Replacement name for <i>C. aureoventris</i>
<i>Chlorostilbon melanorhynchus</i>	Remsen <i>et al.</i> (2008)	Split from <i>C. mellisugus</i>
<i>Coeligena orina</i>	Krabbe <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Split from <i>C. bonapartei</i>
<i>Eriocnemis isabellae</i>	Cortes-Diago <i>et al.</i> (2007)	New species
<i>Hylocharis humboldtii</i>	Ridgely & Greenfield (2001), Stiles (2003), Banks <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Split from <i>H. grayi</i>
<i>Lesbia gouldii</i>	Weller & Schuchmann (2004) but <b>NOT</b> Remsen <i>et al.</i> (2008)	Split from <i>L. nuna</i>
<i>Phaeochroa cuvierii</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Campylopterus</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Phaethornis baroni</i>	Ridgely & Greenfield (2001) but NOT Rensen et al. (2008)	Split from <i>P. longirostris</i>
<i>Thalurania hypochlora</i>	Ridgely & Greenfield (2001) but NOT Rensen et al. (2008)	Split from <i>T. fannyi</i>
<i>Threnetes leucurus</i>	Rensen et al. (2008)	Split from <i>T. niger</i>
<i>Urocissa ruficrissa</i>	Ridgely & Greenfield (2001), Rensen et al. (2008)	
<b>CHARADRIIFORMES</b>		
LARIDAE		
<i>Ichthyaetus relictus</i>	Pons et al. (2005)	Generic change from <i>Larus</i>
<b>CICONIIFORMES</b>		
ARDEIDAE		
<i>Bubulcus coromandus</i>	Rasmussen & Anderton (2005)	Split from <i>B. ibis</i>
<b>PHOENICOPTERIDAE</b>		
<i>Phoenicopterus roseus</i>	Knox et al. (2002), Rasmussen & Anderton (2005), Banks et al. (2008)	Split from <i>P. ruber</i>
<b>COLUMBIFORMES</b>		
COLUMBIDAE		
<i>Patagioenas oenops</i>	Rensen et al. (2008)	Generic change from <i>Columba</i>
<b>CORACIIFORMES</b>		
BUCEROTIDAE		
<i>Ptilolaemus austeni</i>	Rasmussen & Anderton (2005)	Generic change and split from <i>Anorrhinus tickelli</i>
<b>FALCONIFORMES</b>		
ACCIPITRIDAE		
<i>Accipiter chilensis</i>	Jaramillo (2003)	
<i>Accipiter griseogularis</i>	Ferguson-Lees & Christie (2001)	Split from <i>A. novaehollandiae</i>
<i>Accipiter hiogaster</i>	Ferguson-Lees & Christie (2001), Christidis & Boles (2008)	Split from <i>A. novaehollandiae</i>
<i>Accipiter toussenelii</i>	Ferguson-Lees & Christie (2001)	Lumped with <i>A. tachiro</i>
<i>Aegypius monachus</i>	Ferguson-Lees & Christie (2001)	Generic change from <i>Sarcogyps</i>
<i>Aegypius occipitalis</i>	Ferguson-Lees & Christie (2001)	Generic change from <i>Trigonoceps</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Aegypius tracheliotus</i>	Ferguson-Lees & Christie (2001)	Generic change from <i>Torgos</i>
<i>Aquila africana</i>	Lerner & Mindell (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Aquila ayresii</i>	Lerner & Mindell (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i>
<i>Aquila fasciata</i>	Sangster <i>et al.</i> (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i>
<i>Aquila hastata</i>	Parry <i>et al.</i> (2002)	Split from <i>A. pomarina</i>
<i>Aquila morphnoides</i>	Lerner & Mindell (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i>
<i>Aquila pennata</i>	Sangster <i>et al.</i> (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i>
<i>Aquila spilogaster</i>	Lerner & Mindell (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i>
<i>Aquila wahlbergi</i>	Gjershaug (2006), Lack (2008)	Generic change from <i>Hieraetus</i>
<i>Aquila weiskei</i>	Bunce <i>et al.</i> (2005), Lerner & Mindell (2005), Gjershaug (2006)	Generic change from <i>Hieraetus</i> and split from <i>H. morphnoides</i>
<i>Buteo burmanicus</i>	Rasmussen & Anderton (2005)	Split from <i>B. buteo</i>
<i>Buteo exsul</i>	Ferguson-Lees & Christie (2001) but NOT Riesing <i>et al.</i> (2003)	Split from <i>B. polyosoma</i>
<i>Buteo japonicus</i>	Kruckenhauser <i>et al.</i> (2004)	Split from <i>B. buteo</i>
<i>Buteo melanoleucus</i>	Riesing <i>et al.</i> (2003), Clark (2006), Lerner & Mindell (2008)	Generic change from <i>Geranoaetus</i>
<i>Buteo nitidus</i>	Ferguson-Lees & Christie (2001), Banks <i>et al.</i> (2006), Remsen <i>et al.</i> (2008)	Generic change from <i>Asturina</i>
<i>Buteo poecilochrous</i>	Ridgely & Greenfield (2001), Jaramillo (2003), Schulenberg <i>et al.</i> (2007), Lerner & Mindell (2008), Remsen <i>et al.</i> (2008)	Lumped with <i>B. polyosoma</i>
<i>Buteo refectus</i>	Kruckenhauser <i>et al.</i> (2004)	Split from <i>B. buteo</i>
<i>Buteogallus gundlachi</i>	Wiley & Garrido (2005), Banks <i>et al.</i> (2007)	Split from <i>B. anthracinus</i>
<i>Buteogallus subtilis</i>	Ridgely & Greenfield (2001), Clark (2007a), Banks <i>et al.</i> (2008), Remsen <i>et al.</i> (2008)	Lumped with <i>B. anthracinus</i>
<i>Circus approximans spilothorax</i>	Ferguson-Lees & Christie (2001)	Subspecies transferred from <i>S. pilonotus</i>
<i>Circus hudsonius</i>	Ferguson-Lees & Christie (2001)	Split from <i>C. cyaneus</i>
<i>Circus macroscelus</i>	Simmons (2000), BirdLife International (2008)	Split from <i>C. maillardi</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Circus spilonotus</i>	Ferguson-Lees & Christie (2001)	Lumped with <i>C. aeruginosus</i>
<i>Helicolestes hamatus</i>	Banks <i>et al.</i> (2008), Remsen <i>et al.</i> (2008)	
<i>Leptodon forbesi</i>	Ferguson-Lees & Christie (2001), Pereira <i>et al.</i> (2006), Remsen <i>et al.</i> (2008)	Split from <i>L. cayanensis</i>
<i>Lophaetus clangus</i>	Gjershaug (2006)	Generic change from <i>Aquila</i>
<i>Lophaetus hastatus</i>	Gjershaug (2006)	Generic change from <i>Aquila</i>
<i>Lophaetus malayensis</i>	Gjershaug (2006)	Generic change from <i>Ictinaetus</i>
<i>Lophaetus pomarinus</i>	Gjershaug (2006)	Generic change from <i>Aquila</i>
<i>Lophotriorchis kienerii</i>	Haring <i>et al.</i> (2007)	Generic change from <i>Hieraetus</i>
<i>Milvov fasciicauda</i>	Ferguson-Lees & Christie (2001)	Split from <i>M. milvov</i>
<i>Nisaetus alboniger</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus bartelsi</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus cirrhatus</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus floris</i>	Gjershaug <i>et al.</i> (2004), Gjershaug (2006)	Generic change from <i>Spizaetus</i> and split from <i>S. cirrhatus</i>
<i>Nisaetus kelaarti</i>	Gjershaug (2006), Gjershaug <i>et al.</i> (2008)	Generic change from <i>Spizaetus</i> and split from <i>S. nipalensis</i>
<i>Nisaetus lanceolatus</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus limnaetus</i>	Rasmussen & Anderton (2005) but <b>not</b> Gjershaug (2006)	Generic change from <i>Spizaetus</i> and split from <i>S. cirrhatus</i>
<i>Nisaetus nanus</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus nipalensis</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>
<i>Nisaetus philippensis</i>	Gamauf <i>et al.</i> (2005a), Helbig <i>et al.</i> (2005), Gjershaug (2006), Haring <i>et al.</i> (2007)	Generic change from <i>Spizaetus</i>



Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Nisaetus pinskeri</i>	Gamauf <i>et al.</i> (2005b), Gjershaug (2006)	Generic change from <i>Spizaetus</i> and split from <i>S. philippensis</i>
<i>Pandion cristatus</i>	Christidis & Boles (2008)	Split from <i>P. haliaetus</i>
<i>Percnohierax leucorrhous</i>	Riesing <i>et al.</i> (2003)	Generic change from <i>Buteo</i>
<i>Rupornis magnirostris</i>	Riesing <i>et al.</i> (2003)	Generic change from <i>Buteo</i>
<i>Spilornis abbotti</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis asturinus</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis baweanus</i>	Ferguson-Lees & Christie (2001), Nijman (2006)	Split from <i>S. cheela</i>
<i>Spilornis holospilus</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis minimus</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis natunensis</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis perplexus</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spilornis sipora</i>	Ferguson-Lees & Christie (2001)	Split from <i>S. cheela</i>
<i>Spizaetus isidori</i>	Helbig <i>et al.</i> (2005), Haring <i>et al.</i> (2007), Rensen <i>et al.</i> (2008)	Generic change from <i>Oroaetus</i>
<i>Spizaetus melanoleucus</i>	Helbig <i>et al.</i> (2005), Banks <i>et al.</i> (2007), Haring <i>et al.</i> (2007), Rensen <i>et al.</i> (2008)	Generic change from <i>Spizastur</i>
GALLIFORMES		
CRACIDAE		
<i>Pauxi mitu</i>	Frank-Hoeflich <i>et al.</i> (2007)	Generic change from <i>Mitu</i>
PHASIANIDAE		
<i>Lophura imperialis</i>	Hennache <i>et al.</i> (2003)	Hybrid of <i>L. edwardsi</i> x <i>L. nycthemera</i>
PASSERIFORMES		
ESTRILDIDAE		
<i>Sporaeginthus formosus</i>	Fry & Keith (2004)	Generic change from <i>Amandava</i>
MUSCICAPIDAE		
<i>Garrulax taewanus</i>	Collar (2006)	Split from <i>G. canorus</i>
STURNIDAE		
<i>Gracula indica</i>	Rasmussen & Anderton (2005)	Split from <i>G. religiosa</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<b>PICIFORMES</b>		
RAMPHASTIDAE		
<i>Pteroglossus bailloni</i>	Kimura <i>et al.</i> (2004), Eberhard & Bermingham (2005), Pereira & Wajntal (2008), Remsen <i>et al.</i> (2008)	Generic change from <i>Baillonius</i>
<b>PSITTACIFORMES</b>		
CACATUIDAE		
<i>Cacatua goffiniana</i>	Roselaar & Michels (2004)	Replacement name for <i>C. goffini</i>
<i>Lophochroa leadbeateri</i>	Christidis & Boles (2008)	Generic change from <i>Cacatua</i>
PSITTACIDAE		
<i>Alipiopsitta xanthops</i>	Russello & Amato (2004)	Generic change from <i>Amazona</i>
<i>Amazona auropalliata</i>	Eberhard & Bermingham (2004)	Lumped with <i>A. ochrocephala</i>
<i>Amazona oratrix</i>	Eberhard & Bermingham (2004)	Lumped with <i>A. ochrocephala</i>
<i>Aratinga alticola</i>	Arndt (2006) but not recognised by Schulenberg <i>et al.</i> (2007)	Split from <i>A. mitrata</i>
<i>Aratinga griseiceps</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>A. leucotis</i>
<i>Aratinga hockingi</i>	Arndt (2006) but not recognised by Schulenberg <i>et al.</i> (2007)	New species
<i>Aratinga picta emma</i>	Remsen <i>et al.</i> (2008)	Subspecies transferred from <i>A. leucotis</i>
<i>Aratinga pintoii</i>	Silveira <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	New species
<i>Cyanoramphus cookii</i>	Christidis & Boles (2008)	Lumped with <i>C. novaezelandiae</i>
<i>Eunymphicus uvaeensis</i>	Boon <i>et al.</i> (2008)	Split from <i>E. cornutus</i>
<i>Forpus modestus</i>	Pacheco & Whitney (2006)	Replacement name for <i>L. sclateri</i>
<i>Guaruba guarouba</i>	Dickinson (2003) corrigenda 8	Spelling correction of <i>Guarouba guarouba</i>
<i>Loriculus camiguinensis</i>	Tello <i>et al.</i> (2006)	New species
<i>Loriculus sclateri</i>	Collar (2007)	Split from <i>L. amabilis</i>
<i>Loriculus tener</i>	Collar (2007)	Split from <i>L. aurantiifrons</i>
<i>Poicephalus fuscicollis</i>	Wirminghaus <i>et al.</i> (2002), Hockey <i>et al.</i> (2005)	Split from <i>P. robustus</i>
<i>Pyrilia aurantiocephala</i>	Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrilia barrabandi</i>	Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrilia caica</i>	Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Pyrrilia coccin collaris</i>	Ribas <i>et al.</i> (2005) but <b>NOT</b> Remsen <i>et al.</i> (2008)	Split from <i>P. haematotis</i>
<i>Pyrrilia haematotis</i>	Ribas <i>et al.</i> (2005), Banks <i>et al.</i> (2008), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrrilia pulchra</i>	Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrrilia pyrrilia</i>	Ribas <i>et al.</i> (2005), Banks <i>et al.</i> (2008), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrrilia vulturina</i>	Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)	Generic change from <i>Pionopsitta</i>
<i>Pyrrhura amazonum</i>	Joseph (2002), Ribas <i>et al.</i> (2006), Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<i>Pyrrhura caeruleiceps</i>	Joseph (2002) but <b>NOT</b> Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<i>Pyrrhura eisenmanni</i>	Joseph (2000) but <b>NOT</b> Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<i>Pyrrhura lucianii</i>	Joseph (2002), Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<i>Pyrrhura parvifrons</i>	Arndt (2008)	New species
<i>Pyrrhura peruviana</i>	Joseph (2002)	New species
<i>Pyrrhura peruviana</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>P. roseifrons</i>
<i>Pyrrhura roseifrons</i>	Joseph (2002), Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<i>Pyrrhura snethlageae</i>	Joseph (2002)	New species
<i>Pyrrhura snethlageae</i>	Ribas <i>et al.</i> (2006), Remsen <i>et al.</i> (2008)	Lumped with <i>P. amazonum</i>
<i>Pyrrhura subandina</i>	Joseph but <b>NOT</b> Remsen <i>et al.</i> (2008)	Split from <i>P. picta</i>
<b>RHEIFORMES</b>		
RHEIDAE		
<i>Rhea pennata</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Pterocnemia</i>
<b>STRIGIFORMES</b>		
STRIGIDAE		
<i>Asio clamator</i>	König <i>et al.</i> (2008)	Generic change from <i>Pseudoscops</i>
<i>Asio galapagoensis</i>	König <i>et al.</i> (2008)	Split from <i>A. flammeus</i>
<i>Athene blewitti</i>	König <i>et al.</i> (2008)	Generic change from <i>Heteroglaux</i>
<i>Athene lilith</i>	König <i>et al.</i> (2008)	Split from <i>A. noctua</i>
<i>Athene spilogastra</i>	König <i>et al.</i> (2008)	Split from <i>A. noctua</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Bubo bengalensis</i>	König <i>et al.</i> (2008)	Split from <i>B. bubo</i>
<i>Bubo bouvieri</i>	König <i>et al.</i> (2008)	Generic change from <i>Scotopelia</i>
<i>Bubo flavipes</i>	König <i>et al.</i> (2008)	Generic change from <i>Ketupa</i>
<i>Bubo ketupu</i>	König <i>et al.</i> (2008)	Generic change from <i>Ketupa</i>
<i>Bubo magellanicus</i>	König <i>et al.</i> (2008)	Split from <i>B. virginianus</i>
<i>Bubo peli</i>	König <i>et al.</i> (2008)	Generic change from <i>Scotopelia</i>
<i>Bubo scandiacus</i>	Banks <i>et al.</i> (2003), Sangster <i>et al.</i> (2004), König <i>et al.</i> (2008)	Generic change from <i>Nyctea</i>
<i>Bubo ussheri</i>	König <i>et al.</i> (2008)	Generic change from <i>Scotopelia</i>
<i>Bubo zeylonensis</i>	König <i>et al.</i> (2008)	Generic change from <i>Ketupa</i>
<i>Ciccaba albitarsis</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Strix</i>
<i>Ciccaba (Strix) squamulata</i>	König <i>et al.</i> (2008)	Split from <i>C. (S.) virgata</i>
<i>Ciccaba virgata</i>	Remsen <i>et al.</i> (2008)	Generic change from <i>Strix</i>
<i>Glaucidium californicum</i>	König <i>et al.</i> (2008)	Split from <i>G. gnoma</i>
<i>Glaucidium cobanense</i>	König <i>et al.</i> (2008)	Split from <i>G. gnoma</i>
<i>Glaucidium hoskinsii</i>	König <i>et al.</i> (2008)	Split from <i>G. gnoma</i>
<i>Glaucidium ridgwayi</i>	König <i>et al.</i> (2008)	Split from <i>G. brasilianum</i>
<i>Glaucidium sicki</i>	König & Weick (2005)	Replacement name for <i>G. minutissimum</i> , the type specimen of which is referable to <i>G. mooreorum</i>
<i>Glaucidium tucumanum</i>	König <i>et al.</i> (2008)	Split from <i>G. brasilianum</i>
<i>Megascops albogularis</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops asio</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops atricapilla</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops barbarus</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops choliba</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops clarkii</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops colombianus</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops cooperi</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops guatemalae</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops hoyi</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>

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<i>Megascops ingens</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops kennicottii</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops koepckeae</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops lambi</i>	König <i>et al.</i> (2008)	Split from <i>M. asio</i>
<i>Megascops marshalli</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops napensis</i>	König <i>et al.</i> (2008)	Split from <i>M. vermiculatus</i>
<i>Megascops nudipes</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops pacificus</i>	König <i>et al.</i> (2008)	Split from <i>M. roboratus</i>
<i>Megascops petersoni</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops roboratus</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops roraimae</i>	König <i>et al.</i> (2008)	Split from <i>M. vermiculatus</i>
<i>Megascops sanctaecatarinae</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops seductus</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops trichopsis</i>	Banks <i>et al.</i> (2003), König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops usta</i>	König <i>et al.</i> (2008)	Split from <i>M. watsonii</i>
<i>Megascops vermiculatus</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Megascops vermiculatus</i>	Remsen <i>et al.</i> (2008)	Lumped with <i>M. guatemalae</i>
<i>Megascops watsonii</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Ninox burhani</i>	Indrawan & Somadikarta (2004)	New species
<i>Ninox dubiosa</i>	Weick (2006)	New species
<i>Ninox japonica</i>	King (2002)	Split from <i>N. scutulata</i>
<i>Ninox leucopsis</i>	König <i>et al.</i> (2008)	Split from <i>N. novaeseelandiae</i>
<i>Ninox lurida</i>	König <i>et al.</i> (2008)	Split from <i>N. boobook</i>
<i>Ninox mindorensis</i>	König <i>et al.</i> (2008)	Split from <i>N. philippensis</i>
<i>Ninox obscura</i>	Rasmussen & Anderton (2005)	Split from <i>N. scutulata</i>
<i>Ninox randi</i>	King (2002)	Split from <i>N. scutulata</i>
<i>Otus cnephaeus</i>	König <i>et al.</i> (2008)	Split from <i>O. bakkamoena</i>
<i>Otus enganensis</i>	König <i>et al.</i> (2008)	Split from <i>O. magicus</i>
<i>Otus kalidupae</i>	König <i>et al.</i> (2008)	Split from <i>O. magicus</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Otus lempiji</i>	König <i>et al.</i> (2008)	Split from <i>O. bakkamoena</i>
<i>Otus lettia</i>	König <i>et al.</i> (2008)	Split from <i>O. bakkamoena</i>
<i>Otus pamelae</i>	König <i>et al.</i> (2008)	Split from <i>O. senegalensis</i>
<i>Otus semitorques</i>	König <i>et al.</i> (2008)	Split from <i>O. bakkamoena</i>
<i>Otus siaoensis</i>	König <i>et al.</i> (2008)	Split from <i>O. magicus</i>
<i>Otus socotranus</i>	König <i>et al.</i> (2008)	Split from <i>O. senegalensis</i>
<i>Otus stresemanni</i>	König <i>et al.</i> (2008)	Split from <i>O. spilocephalus</i>
<i>Otus sulaensis</i>	König <i>et al.</i> (2008)	Split from <i>O. magicus</i>
<i>Otus tempestatis</i>	König <i>et al.</i> (2008)	Split from <i>O. magicus</i>
<i>Otus thilohoffmanni</i>	Warakagoda & Rasmussen (2004)	New species
<i>Philoscops flammeolus</i>	König <i>et al.</i> (2008)	Generic change from <i>Otus</i>
<i>Pulsatrix pulsatrix</i>	König <i>et al.</i> (2008) but <b>NOT</b> Rensen <i>et al.</i> (2008)	Split from <i>P. perspicillata</i>
<i>Strix bartelsi</i>	König <i>et al.</i> (2008)	Split from <i>S. leptogrammica</i>
<i>Strix davidi</i>	König <i>et al.</i> (2008)	Split from <i>S. uralensis</i>
<i>Strix huhula</i>	König <i>et al.</i> (2008)	Generic change from <i>Ciccaba</i>
<i>Strix newarensis</i>	König <i>et al.</i> (2008)	Split from <i>S. leptogrammica</i>
<i>Strix niasensis</i>	König <i>et al.</i> (2008)	Split from <i>S. leptogrammica</i>
<i>Strix nigrolineata</i>	König <i>et al.</i> (2008)	Generic change from <i>Ciccaba</i>
<i>Strix nivicola</i>	Rasmussen & Anderton (2005), König <i>et al.</i> (2008)	Split from <i>S. aluco</i>
<i>Taenioglaux albertina</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux capense</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux castanea</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux castanonota</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux castanoptera</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux cuculoides</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux ethecopari</i>	König <i>et al.</i> (2008)	Split from <i>G. capense</i>
<i>Taenioglaux radiata</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>
<i>Taenioglaux sjostedti</i>	König <i>et al.</i> (2008)	Generic change from <i>Glaucidium</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<b>TYTONIDAE</b>		
<i>Phodilus assimilis</i>	König <i>et al.</i> (2008)	Split from <i>P. badius</i>
<i>Tyto bargei</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto castanops</i>	König <i>et al.</i> (2008)	Split from <i>T. novaehollandiae</i>
<i>Tyto crassirostris</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto delicatula</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto deroepstorffi</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto detorta</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto furcata</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto insularis</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto longimembris</i>	König <i>et al.</i> (2008)	Split from <i>T. capensis</i>
<i>Tyto prigoginei</i>	König <i>et al.</i> (2008)	Generic change from <i>Phodilus</i>
<i>Tyto punctatissima</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>
<i>Tyto thomensis</i>	König <i>et al.</i> (2008)	Split from <i>T. alba</i>

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**New species or genera (and other recently proposed nomenclatural and taxonomic changes on species or genus level) of some reptile groups**

not taken into account by the current reptile CITES Nomenclature references<sup>2</sup>

Compiled by the Nomenclature Specialist on the CITES Animals Committee.

Species name	Reference	Comments on origin: lumping, splitting, new name, new genus
SAURIA		
AGAMIDAE		
<i>Uromastyx yemenensis</i>	WILMS & SCHMITZ (2007)	New species of the <i>Uromastyx ocellata</i> group
CHAMAELEONIDAE		
<i>Bradypodion atromontanum</i>	BRANCH, TOLLEY & TILBURY (2006)	New species
<i>Bradypodion caeruleogula</i>	RAW & BROTHERS (2008)	New species
<i>Bradypodion caffrum</i>	TOLLEY, TILBURY, BRANCH & MATHEE (2004)	New species split from <i>Bradypodion pumilum</i>
<i>Bradypodion damarum</i>	TOLLEY, TILBURY, BRANCH & MATHEE (2004)	New species split from <i>Bradypodion pumilum</i>
<i>Bradypodion gutturale</i>	TOLLEY, TILBURY, BRANCH & MATHEE (2004)	New species split from <i>Bradypodion pumilum</i>
<i>Bradypodion nkandlae</i>	RAW & BROTHERS (2008)	New species
<i>Bradypodion transvaalense</i>	TOLLEY, TILBURY, BRANCH & MATHEE (2004)	New species split from <i>Bradypodion pumilum</i>
<i>Bradypodion ventrale</i>	TOLLEY, TILBURY, BRANCH & MATHEE (2004)	New species split from <i>Bradypodion pumilum</i>
<i>Calumma amber</i>	RAXWORTHY & NUSSBAUM (2006)	New species split from <i>Calumma brevicorne</i>
<i>Calumma brevicorne</i>	RAXWORTHY & NUSSBAUM (2006)	Change in spelling
<i>Calumma crypticum</i>	RAXWORTHY & NUSSBAUM (2006)	New species split from <i>Calumma brevicorne</i>
<i>Calumma cucullatum</i>	LUTZMANN & LUTZMANN (2004)	change in spelling
<i>Calumma hafahafa</i>	RAXWORTHY & NUSSBAUM (2006)	New species split from <i>Calumma malthe</i>
<i>Calumma jevy</i>	RAXWORTHY & NUSSBAUM (2006)	New species split from <i>Calumma brevicorne</i>
<i>Calumma peltierorum</i>	RAXWORTHY & NUSSBAUM (2006)	New species split from <i>Calumma malthe</i>
<i>Calumma taylori</i>	RAXWORTHY & NUSSBAUM (2006)	New species
<i>Chamaeleo narraioaca</i>	NECAS, MODRY & SLAPETA (2003)	New species from the <i>Chamaeleo bitaeniatus</i> complex

<sup>2</sup> Several new chameleon species (former subspecies uplifted to species level) mentioned by NECAS, PETR (1999) [*Chameleons – Nature's Hidden Jewels. Edition Chimaira, Frankfurt; 348 pp.*] have not been included in the table above as this publication does not present a taxonomic revision of the taxa concerned.

<i>Calumma nasutum</i>	LUTZMANN & LUTZMANN (2004)	change in spelling
<i>Chamaeleo necasi</i>	ULLENBRUCH, KRAUSE & BÖHME (2007)	New species belonging the <i>Chamaeleo dilepis</i> group
<i>Chamaeleo ntunte</i>	NECAS, MODRY & SLAPETA (2005)	New species of the <i>Chamaeleo bitaeniatus</i> complex
<i>Kinyongia adolfifriderici</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia boehmei</i>	TILBURY, TOLLEY & BRANCH (2006) MARIAUX, LUTZMANN & STIPALA (2008)	Generic change and new species split from <i>Bradypodion tavetatum</i>
<i>Kinyongia carpenteri</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia excubitor</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i> and new species split from <i>B. fisheri</i>
<i>Kinyongia fisheri</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia matschiei</i>	TILBURY, TOLLEY & BRANCH (2006) MARIAUX, LUTZMANN & STIPALA (2008)	Generic change from <i>Bradypodion</i> and new species split from <i>B. fisheri fisheri</i>
<i>Kinyongia multituberculata</i>	TILBURY, TOLLEY & BRANCH (2006) MARIAUX, LUTZMANN & STIPALA (2008)	Generic change from <i>Bradypodion</i> and new species split from <i>B. fisheri</i>
<i>Kinyongia oxyrhina</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia tavetana</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia tenue</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i> and change in spelling
<i>Kinyongia ulugurensis</i>	TILBURY, TOLLEY & BRANCH (2006) MARIAUX, LUTZMANN & STIPALA (2008)	Generic change from <i>Bradypodion</i> and new species split from <i>B. fisheri fisheri</i>
<i>Kinyongia uthmoelleri</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Kinyongia vosseleri</i>	MARIAUX, LUTZMANN & STIPALA (2008)	Generic change from <i>Bradypodion</i> and new species split from <i>B. fisheri fisheri</i>
<i>Kinyongia xenorhina</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
<i>Nadzikambia mlanjense</i>	TILBURY, TOLLEY & BRANCH (2006)	Generic change from <i>Bradypodion</i>
GEKKONIDAE		
<i>Phelsuma inexpectata</i>	AUSTIN, ARNOLD & JONES (2004)	New species split from <i>Phelsuma ornata</i>
<i>Phelsuma kely</i>	SCHÖNECKER, BACH & GLAW (2004)	New species
<i>Phelsuma ravenala</i>	RAXWORTHY, INGRAM, RABISOA & PEARSON (2007)	New species
<i>Phelsuma rosagularis</i>	AUSTIN, ARNOLD & JONES (2004)	New species split from <i>Phelsuma guimbeaui</i>
<i>Phelsuma vanheygeni</i>	LENER 2004	New species
<i>Uroplatus giganteus</i>	GLAW, KOSUCH, HENKEL, SOUND & BÖHME (2006)	New species
IGUANIDAE		
<i>Brachylophus bulabula</i>	KEOGH, EDWARDS, FISHER & HARLOW (2008)	New species split from <i>Brachylophus fasciatus</i>
<i>Phrynosoma blainvillii</i>	MONTANUCCI (2004)	Split from <i>P. coronatum</i>

<i>Phrynosoma cerroense</i>	MONTANUCCI (2004)	Split from <i>P. coronatum</i>
<i>Phrynosoma wigginsi</i>	MONTANUCCI (2004)	New species
TEIIDAE		
<i>Tupinambis cerradensis</i>		Lumped with <i>T. quadrilineatus</i>
<i>Tupinambis duseni</i>	FITZGERALD, COOK & LUZ AQUINO (1999)	New species split from <i>Tupinambis rufescens</i>
VARANIDAE		
<i>Varanus beccarii</i>	ZIEGLER, SCHMITZ, KOCH & BÖHME (2007)	New species split from <i>Varanus prasinus</i>
<i>Varanus bushii</i>	APLIN, FITCH & KING (2006)	new species
<i>Varanus cumingi</i>	KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007)	New species split from <i>Varanus salvator</i>
<i>Varanus marmoratus</i>	KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007)	New species split from <i>Varanus salvator</i>
<i>Varanus nuchalis</i>	KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007)	New species split from <i>Varanus salvator</i>
<i>Varanus rainerguentheri</i>	ZIEGLER, BÖHME & SCHMITZ (2007)	New species of the <i>Varanus indicus</i> complex
<i>Varanus reisingeri</i>	EIDENMÜLLER & WICKER (2005)	New species of the <i>Varanus prasinus</i> complex
<i>Varanus togianus</i>	KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007)	New species split from <i>Varanus salvator</i>
<i>Varanus zugorum</i>	BÖHME & ZIEGLER (2005)	New species
SERPENTES		
PYTHONIDAE		
<i>Morelia machbyrnei</i>	HOSER (2003)	New species
<i>Morelia mippughae</i>	HOSER (2003)	New species
<i>Python natalensis</i>	BROADLEY (1999)	Split from <i>P. sebae</i>
TROPIDOPHIIDAE		
<i>Tropidophis xanthogaster</i>	DOMÍNGUEZ, MORENO & HEDGES (2006)	New species
TESTUDINES		
TESTUDINIDAE		
<i>Homopus solus</i>	BRANCH (2007)	New species

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# **Amphibians, fish & invertebrates: new species and other taxonomic changes relating to species listed in the EC wildlife trade regulations**

February, 2009

**A report to the European Commission  
Directorate General E - Environment  
ENV.E.2. - Environmental Agreements and Trade**



by the

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## Introduction

At CITES CoP 14, a number of new CITES standard references were adopted for amphibians, fish and invertebrates (see <http://www.cites.org/eng/res/12/12-11R14.shtml#a1>). These are also the standard references determining nomenclature in the EC wildlife trade regulations (most recently EC 318/2008). 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 the EC wildlife trade regulations.

The table below contains a list of taxonomic changes identified in recent publications relating to amphibians, fish and invertebrates listed in the EC wildlife trade regulations.

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<b>ANURA</b>		
<i>BUFONIDAE</i>		
<i>Cranopsis periglenes</i>	Frost <i>et al.</i> (2006)	Generic change from <i>Bufo</i>
<i>Altiphrynooides osgoodi</i>	Frost <i>et al.</i> (2006)	Generic change from <i>Spinophrynooides</i>
<i>Amietophrynus superciliaris</i>	Frost <i>et al.</i> (2006)	Generic change from <i>Bufo</i>
<i>AROMOBATIDAE</i>		
<i>Allobates femoralis</i>	Grant <i>et al.</i> (2006)	Family change from Dendrobatidae
<i>Allobates myersi</i>	Grant <i>et al.</i> (2006)	Family change from Dendrobatidae and generic change from <i>Epipedobates</i>
<i>Allobates rufulus</i>	Grant <i>et al.</i> (2006)	Family change from Dendrobatidae and generic change from <i>Epipedobates</i>
<i>Allobates zaparo</i>	Grant <i>et al.</i> (2006)	Family change from Dendrobatidae
<i>DENDROBATIDAE</i>		
<i>Adelphobates castaneoticus</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Adelphobates galactonotus</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Adelphobates quinquevittatus</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ameerega altamazonica</i>	Twomey & Brown (2008a)	New species
<i>Ameerega andina</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega bassleri</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega bilinguis</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega boliviana</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega braccata</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega cainarachi</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega erythromos</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega flavopicta</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega hahneli</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega ingeri</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega labialis</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega macero</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega maculata</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega parvula</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Epipedobates</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Ameerega peruviridis</i>	Bauer (1986), Grant et al. (2006)	Resurrected from synonymy of <i>Epipedobates trivittatus</i>
<i>Ameerega petersi</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega picta</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega planipaleae</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega pongoensis</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega pulchripecta</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega rubriventris</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega silverstonei</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega simulans</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega smaragdina</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega trivittata</i>	Grant et al. (2006)	Generic change from <i>Epipedobates</i>
<i>Ameerega yungicola</i>	Grant et al. (2006), Lötters et al. (2006)	New species and generic change from <i>Epipedobates</i>
<i>Dendrobates nubeculosus</i>	Jungfer & Böhme (2004)	New species
<i>Epipedobates machalilla</i>	Grant et al. (2006)	Generic change from <i>Colostethus</i>
<i>Epipedobates narinensis</i>	Mueses-Cisneros et al. (2008)	New species
<i>Excitobates captivus</i>	Twomey & Brown (2008b)	Generic change from <i>Dendrobates</i>
<i>Excitobates mysteriosus</i>	Twomey & Brown (2008b)	Generic change from <i>Dendrobates</i>
<i>Hyloxalus azureiventris</i>	Grant et al. (2006)	Generic change from <i>Cryptophyllobates</i>
<i>Minyobates steyermarki</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga arborea</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga granulifera</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga histrionica</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga lehmanni</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga occultator</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga pumilio</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga speciosa</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Oophaga sylvatica</i>	Grant et al. (2006)	Generic change and split from <i>Dendrobates histrionicus</i>
<i>Oophaga vicentei</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya abdita</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya altobueyensis</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya amazonica</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya benedicta</i>	Brown et al. (2008)	New species
<i>Ranitomeya biolat</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya bombetes</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya claudiae</i>	Grant et al. (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya daleswansonii</i>	Grant et al. (2006), Rueda-Almonacid et al. (2006)	New species and generic change from <i>Dendrobates</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<i>Ranitomeya dorisswansonii</i>	Grant <i>et al.</i> (2006), Rueda-Almonacid <i>et al.</i> (2006)	New species and generic change from <i>Dendrobates</i>
<i>Ranitomeya duellmani</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya fantastica</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya flavovittata</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya fulgurita</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya ignea</i>	Grant <i>et al.</i> (2006)	Generic change and split from <i>Dendrobates quinquevittatus</i>
<i>Ranitomeya imitator</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya intermedia</i>	Grant <i>et al.</i> (2006)	Generic change and split from <i>Dendrobates imitator</i>
<i>Ranitomeya lamasi</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya minuta</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya opisthomelas</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya reticulata</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya rubrocephala</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya sirensis</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya summersi</i>	Brown <i>et al.</i> (2008)	New species
<i>Ranitomeya tolimensis</i>	Bernal <i>et al.</i> (2007)	New species
<i>Ranitomeya uakarii</i>	Grant <i>et al.</i> (2006), Brown <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya vanzolinii</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya variabilis</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya ventrimaculata</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya viridis</i>	Grant <i>et al.</i> (2006)	Generic change from <i>Dendrobates</i>
<i>Ranitomeya virolinensis</i>	Grant <i>et al.</i> (2006)	Generic change and spelling from <i>Dendrobates virolensis</i>
<b>MANTELLIDAE</b>		
<i>Mantella ebenau</i>	Glaw & Vences (2006)	Resurrection from synonymy of <i>M. betsileo</i>
<b>RANIDAE</b>		
<i>Lithobates catesbeianus</i>	Frost <i>et al.</i> (2006)	Generic change from <i>Rana</i>
<b>ACTINOPTERYGII</b>		
<b>OSTEOGLOSSIFORMES</b>		
<b>OSTEOGLOSSIDAE</b>		
<i>Scleropages aureus</i>	Pouyaud <i>et al.</i> (2003)	New species
<i>Scleropages legendrei</i>	Pouyaud <i>et al.</i> (2003)	New species
<i>Scleropages macrocephalus</i>	Pouyaud <i>et al.</i> (2003)	New species
<b>SYNGNATHIFORMES</b>		
<b>SYNGNATHIDAE</b>		
<i>Hippocampus biocellatus</i>	Froese & Pauly (2008)	Split from <i>H. trimaculatus</i>
<i>Hippocampus patagonicus</i>	Piacentino & Luzzatto (2004)	New species
<i>Hippocampus procerus</i>	Froese & Pauly (2008)	Split from <i>H. whitei</i>

Species name	References	Comments on origin: lumping, splitting, new name, new genus
<u>ARTHROPODA</u>		
ARACHNIDA		
ARANEAE		
THERAPHOSIDAE		
<i>Brachypelma albiceps</i>	Locht <i>et al.</i> (2005), Platnick (2009)	Generic change from <i>Aphonopelma</i>
<i>Brachypelma albiceps</i> (synonym <i>ruhnaui</i> )	Locht <i>et al.</i> (2005), Platnick (2009)	Lump of <i>B. ruhnaui</i>
<i>Brachypelma kahlenbergi</i>	Rudloff (2008), Platnick (2009)	New species
INSECTA		
COLEOPTERA		
LUCANIDAE		
<i>Colophon endroedyi</i>	Bartolozzi (2005)	New species
LEPIDOPTERA		
PAPILIONIDAE		
<i>Ornithoptera euphorion</i>	d'Abbrera (2003)	Split from <i>O. priamus</i>
<i>Troides celebensis</i>	d'Abbrera (2003)	Split from <i>T. criton</i> (or possibly a hybrid)
<u>ANNELIDA</u>		
HIRUDINOIDEA		
ARHYNCHOBDELLIDA		
HIRUDINIDAE		
<i>Hirudo verbana</i>	Nesemann & Neubert (1999), Trontelj <i>et al.</i> (2004), Trontelj & Utevsky (2005)	Split from <i>H. medicinalis</i>
<u>CNIDARIA</u>		
ANTHOZOA		
ANTIPATHARIA		
CLADOPATHIDAE		
<i>Chrysopathes micracantha</i>	Opresko & de Laia Loiola (2008)	New species
<i>Chrysopathes oligocrada</i>	Opresko & de Laia Loiola (2008)	New species
SCLERACTINIA		
PORITIDAE		
<i>Machadoporites</i>	Nemésio (2005)	Replacement name for <i>Calathiscus</i> Claereboudt & Al-Amri, 2004, preoccupied

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