

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



Vingt-quatrième session du Comité pour les animaux  
Genève (Suisse), 20 – 24 avril 2009

QUESTIONS DE NOMENCLATURE

1. Le présent document est soumis par le spécialiste de la nomenclature zoologique\*.

Questions de nomenclature découlant des nouvelles références pour la nomenclature des oiseaux et des mammifères

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

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

Comme indiqué dans la notification aux Parties n° 2008/051, les références sur la nomenclature de ces espèces ont été omises par erreur dans la résolution Conf. 12.11 (Rev. CoP14). Les références pour ces espèces sont respectivement:

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. [pour *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. [pour *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. [pour *Micrastur mintoni*]

Il est recommandé que cette omission soit corrigée à la prochaine session de la Conférence des Parties (CoP15) en ajoutant ces références dans la résolution Conf. 12.11 (Rev. CoP14).

4. *Puma concolor*, sous-espèces inscrites à différentes annexes

La référence de nomenclature normalisée actuelle pour les mammifères inclut non seulement les taxons jusqu'au niveau de l'espèce mais aussi les noms de sous-espèces actuellement généralement acceptés. Concernant l'espèce *Puma concolor*, le concept de sous-espèce dans la référence ne tient pas compte du système selon lequel certaines sous-espèces de *Puma* ont été inscrites à l'Annexe I et d'autres à l'Annexe II, de sorte que certaines "nouvelles" sous-espèces incluent des spécimens couverts par l'Annexe I et d'autres couverts par l'Annexe II. Cela a déjà été signalé dans la notification aux Parties n° 2008/051. Il est recommandé que cela soit corrigé de manière appropriée à la CoP15.

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

## Autres questions de nomenclature décelées après la 23<sup>e</sup> session du Comité pour les animaux

### 5. *Canis lupus* et formes domestiquées de chiens et de dingos

L'ancienne référence pour les mammifères considérait déjà *Canis familiaris* comme faisant partie de l'espèce *Canis lupus*. Cependant, cela n'a été reconnu qu'après l'adoption de la nouvelle référence pour les mammifères qui prend en compte non seulement *Canis familiaris* mais aussi le dingo comme sous-espèce de *Canis lupus*. Toutefois, il est évident que ni les formes domestiquées de chiens ni le dingo ne sont considérés comme couverts par l'inscription de *Canis lupus* aux annexes. (Voir notification aux Parties n° 2008/051.) Il est donc recommandé que le Comité pour les animaux prépare une proposition pour la CoP15 en suggérant d'ajouter l'annotation suivante à *Canis lupus*: Sauf la forme domestiquée et le dingo, qui sont référencés comme *Canis lupus familiaris* et *Canis lupus dingo*.

## Changements de nomenclature récents concernant des espèces animales inscrites aux annexes CITES

6. Les annexes 1 à 4 sont une compilation des changements de nomenclature faits récemment au niveau de l'espèce et du genre se référant aux espèces CITES; ils sont communiqués dans la langue dans laquelle ils ont été soumis.<sup>1</sup> Les tableaux couvrent deux groupes – les espèces pour lesquelles une référence normalisée a été adoptée et les espèces sans référence normalisée.
7. Il ressort de ces annexes qu'un grand nombre de changements de nomenclature publiés ont été identifiés. Il est suggéré que le groupe de travail sur la nomenclature prépare une recommandation pour le Comité pour les animaux indiquant quels changements devraient être acceptés formellement en les incluant dans la résolution Conf. 12.11 (Rev. CoP14) et lesquels devraient être seulement notés en les ajoutant aux noms non valables dans la *Liste des espèces CITES*.
8. Le spécialiste de la nomenclature du Comité pour les animaux suggère pour cette discussion une approche pragmatique qui tienne compte des lignes directrices sur la nomenclature énoncées dans la résolution Conf. 11.1 (Rev. CoP14) et de certains autres aspects, en particulier en envisageant l'inscription scindée d'espèces. Les Parties à la CITES doivent prendre des décrets d'application de la Convention au niveau national. Des permis et autres documents sont délivrés sur la base des noms d'espèces. Ces documents peuvent être à l'origine d'autres documents, comme des certificats de réexportation, délivrés des années, voire des décennies, plus tard. Ce qui est couvert par le nom scientifique d'une espèce ne peut pas être modifié continuellement; ce serait une sérieuse source de confusion dans l'application de la Convention. De plus, les spécimens CITES devraient être facilement identifiables. La nomenclature utilisée aux fins de la CITES devrait donc être conservative au plan scientifique et justifiable dans la perspective de la conservation des espèces. Elle ne doit pas nécessairement refléter dans le détail les connaissances taxonomiques les plus récentes, pour autant que le taxon inscrit à l'origine soit couvert par le nom scientifique utilisé.

## Papilionidae et coraux

9. Comme indiqué dans le rapport du spécialiste de la nomenclature à la CoP14, il faudrait des références normalisées adoptées officiellement pour toutes les espèces de papillons couvertes par la CITES (et pas seulement les papillons à ailes d'oiseaux) et pour les espèces de coraux. Quoi qu'il en soit, aucun progrès n'a été fait car des fonds n'ont pas encore été alloués pour faire les études nécessaires. Cependant, un spécialiste des papillons de l'organe de gestion CITES du Canada a proposé son assistance pour élaborer une liste des espèces de Lepidoptera couvertes par la CITES, si bien que l'on espère que cette question pourra être traitée à la prochaine session.

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<sup>1</sup> Les annexes 2 et 4 ont été fournies par le WCMC, financé par la Commission européenne. Ces tableaux ayant été compilés en référence aux réglementations de l'UE sur le commerce des espèces sauvages, ils peuvent aussi inclure quelques espèces non couvertes par la CITES mais couvertes par la législation de l'UE.

**Nouveaux genres ou espèces de mammifères (et autres changements dans la nomenclature et la taxonomie récemment proposés au niveau du genre ou de l'espèce)**

non pris en compte dans la référence de nomenclature actuelle de la CITES pour les mammifères, Wilson, D.E. & Reeder, D.A. M. (eds.) (2005): Mammal Species of the World, A Taxonomic and Geographic Référence, 3rd edition, volume 1-2, 2142 pp.

Compilation faite par le spécialiste de la nomenclature du Comité pour les animaux et par Tim Inskipp/WCMC.

\*) Identification des espèces uniquement au niveau génétique

\*\*) Tattersall (2007) a prévenu que les espèces de *Lepilemur* signalées par Louis *et al.* (2006), toutes diagnostiquées exclusivement par la distance génétique et toutes allopatriques, devraient être traitées avec la plus grande précaution en attendant de recevoir des données.

| Noms scientifiques             | Références   | Commentaires sur l'origine:<br>regroupement, séparation, nouveau nom, nouveau genre                         |
|--------------------------------|--|---|
| <b>MAMMALIA</b>                |  |   |
| <b>CARNIVORA</b>               |  |   |
| <b>CANIDAE</b>                 |  |   |
| <i>Canis himalayensis</i>      | AGGARWAL, KIVISILD, RAMADEVI & SINGH (2007)              | Nouvelle espèce, séparée de <i>C. lupus</i>   |
| <i>Canis indica</i>            | AGGARWAL, KIVISILD, RAMADEVI & SINGH (2007)              | Nouvelle espèce, séparée de <i>C. lupus</i>   |
| <b>FELIDAE</b>                 |  |   |
| <i>Neofelis diardi</i>         | KITCHENER, BEAUMONT & RICHARDSON (2006)                  | Séparée de <i>N. nebulosa</i>   |
| <b>HERPESTIDAE</b>             |  |   |
| <i>Herpestes europunctatus</i> | VERON, PATOU, POTHET, SIMBERLOFF & JENNINGS (2007)       | Séparée de <i>H. javanicus</i>  |
| <b>CETACEA</b>                 |  |   |
| <b>DELPHINIDAE</b>             |  |   |
| <i>Orcaella heinsohni</i>      | BEASLEY, ROBERTSON & ARNOLD (2005)                       | Nouvelle espèce, séparée d' <i>Orcaella brevirostris</i>  |
| <b>ARTIODACTYLA</b>            |  |   |
| <b>TAYASSUIDAE</b>             |  |   |
| <i>Pecari maximus</i>          | VAN ROOSMALEN, FRENZ, VAN HOOFT, DE IONGH & LEIRS (2007) | Nouvelle espèce   |
| <b>CHIROPTERA</b>              |  |   |
| <b>PTEROPODIDAE</b>            |  |   |
| <i>Pteropus banakrisi</i>      | HELGEN (2004)  | Décrise en 2002 mais l'on a découvert par la suite qu'elle était basée sur un subadulte de <i>P. alecto</i> |
| <b>PRIMATES</b>                |  |   |
| <b>ATELIDAE</b>                |  |   |
| <i>Alouatta arctoidea</i>      | IUCN (2008)  | Séparée d' <i>A. seniculus</i>  |

| Noms scientifiques             | Références   | Commentaires sur l'origine:<br>regroupement, séparation, nouveau<br>nom, nouveau genre |
|--------------------------------|--|--|
| <i>Alouatta discolor</i>       | UICN (2008)  | Séparée d' <i>A. belzebul</i>  |
| <i>juara</i>                   | UICN (2008)  | Séparée d' <i>A. seniculus</i>   |
| <i>Alouatta puruensis</i>      | UICN (2008)  | Séparée d' <i>A. seniculus</i>   |
| <i>Alouatta ululata</i>        | UICN (2008)  | Séparée d' <i>A. belzebul</i>  |
| <b>CALLITRICHIDAE</b>          |  |  |
| <i>Callibella humilis</i>      | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico acariensis</i>         | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico argentatus</i>         | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico chrysoleucus</i>       | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico emiliae</i>            | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico humeralifer</i>        | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico intermedius</i>        | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico leucippe</i>           | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico manicorensis</i>       | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico marcai</i>             | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico mauesi</i>             | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico melanurus</i>          | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico nigriceps</i>          | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <i>Mico saterei</i>            | UICN (2008)  | Changement à partir du genre <i>Callithrix</i>   |
| <b>CEBIDAE</b>                 |  |  |
| <i>Aotus brumbacki</i>         | UICN (2008)  | Séparée d' <i>A. lemurinus</i>   |
| <i>Aotus griseimembra</i>      | UICN (2008)  | Séparée d' <i>A. lemurinus</i>   |
| <i>Aotus zonalis</i>           | UICN (2008)  | Séparée d' <i>A. lemurinus</i>   |
| <i>Aotus jorgehernandezii</i>  | DEFLER & BUENO (2007)                                      | Nouvelle espèce  |
| <i>Cacajao ayresi</i>          | BOUBLI, DA SILVA, AMADO, HRBEK,<br>PONTUAL & FARIAS (2008) | Nouvelle espèce séparée de <i>Cacajao melanocephalus</i>                               |
| <i>Cacajao hosomi</i>          | BOUBLI, DA SILVA, AMADO, HRBEK,<br>PONTUAL & FARIAS (2008) | Nouvelle espèce séparée de <i>Cacajao melanocephalus</i>                               |
| <i>Callicebus aureipalatii</i> | WALLACE, GOMEZ, FELTON & FELTON<br>(2006)                  | Nouvelle espèce  |
| <i>Cebus cay</i>               | UICN (2008)  | Séparée de <i>C. libidinosus</i>   |
| <i>Cebus flavius</i>           | OLIVEIRA & LANGGUTH (2006), UICN<br>(2008)                 | Espèce à nouveau valide  |
| <i>Cebus macrocephalus</i>     | UICN (2008)  | Séparée de <i>C. apella</i>  |
| <i>Cebus queirozi</i>          | MENDES PONTES, MALTA & ASFORA<br>(2006)                    | Nouvelle espèce<br>N.B. Décrise non valablement selon<br>OLIVEIRA & LANGGUTH (2006)    |
| <i>Cebus robustus</i>          | UICN (2008)  | Séparée de <i>C. nigritus</i>  |
| <b>CERCOPITHECIDAE</b>         |  |  |

| Noms scientifiques              | Références   | Commentaires sur l'origine:<br>regroupement, séparation, nouveau<br>nom, nouveau genre |
|---------------------------------|--|--|
| <i>Lophocebus ugandae</i>       | GROVES (2007)  | Séparée de <i>L. albigena</i>  |
| <i>Macaca munzala</i>           | SINHA, DATTA, MADHUSUDAN & MISHRA (2005)   | Nouvelle espèce  |
| <i>Rungwecebus kipunji</i>      | 1) JONES, EHARDT, BUTYNSKI, DAVENPORT, MPUNGA, MACHAGA & OLSON (2006)<br>2) DAVENPORT, STANLEY, SARGIS, DE LUCA, MPUNGA, MACHAGA & OLSON (2006)  | 1) Nouvelle espèce et<br>2) Changement à partir du genre <i>Lophocebus</i>             |
| <i>Semnopithecus johnii</i>     | BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)  | Changement à partir du genre <i>Trachypithecus</i>                                     |
| <i>Semnopithecus vetulus</i>    | BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)  | Changement à partir du genre <i>Trachypithecus</i>                                     |
| <i>Trachypithecus villosus</i>  | BRANDON-JONES, EUDEY, GEISSMANN, GROVES, MELNICK, MORALES, SHEKELLE, & STEWARD (2004)  | Nom remplaçant <i>T. cristatus</i>   |
| <b>CHEIROGALEIDAE</b>           |  |  |
| <i>Microcebus bongolavensis</i> | OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)   | Nouvelle espèce  |
| <i>Microcebus danfossi</i>      | OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)   | Nouvelle espèce  |
| <i>Microcebus jollyae</i>       | LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVELO, MAYOR & BRENNEMAN (2006)  | Nouvelle espèce séparée de <i>M. rufus</i>   |
| <i>Microcebus lehilahytsara</i> | KAPPELER, RASOLOARISON, RAZAFIMANANTSOA, WALTER & ROOS (2005)  | Nouvelle espèce séparée de <i>M. rufus</i>   |
| <i>Microcebus lokobensis</i>    | OLIVIERI, ZIMMERMANN, RANDRIANAMBININA, RASOLOHARIJAONA, RAKOTONDRAVONY, GUSCHANSKI & RADESPIEL (2007)   | Nouvelle espèce  |
| <i>Microcebus macarthurii</i>   | RADESPIEL, OLIVIERI, RASOLOFOSON, RAKOTONDRATSIMBA, RAKOTONIRAINY, RASOLOHARIOANA, RANDRIANAMBININA, RATSIMBAZAFY, RATELOLAHAY, RANDIAMBOAVONJY, RASOLOFOHARIVELO, CRAUL, RAKOTOZAFY & RANDRIANARISON (2008) | Nouvelle espèce séparée de <i>M. mittermeieri</i>                                      |
| <i>Microcebus mamaratra</i>     | ANDRIANTOMPOHAVANA, ZAONARIVELO, ENGBERG, RANDRIAMAMPIONONA, MCGUIRE, SHORE, RAKOTONOMENJANAHARY, BRENNEMAN & LOUIS (2006)   | Nouvelle espèce  |
| <i>Microcebus mittermeieri</i>  | LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVELO, MAYOR & BRENNEMAN (2006)  | Nouvelle espèce séparée de <i>M. rufus</i>   |

| Noms scientifiques              | Références  | Commentaires sur l'origine:<br>regroupement, séparation, nouveau nom, nouveau genre |
|---------------------------------|---|---|
| <i>Microcebus simmonsi</i>      | LUIS JR., COLES, ANDRIANTOMPOHAVANA, SOMMER, ENGBERG, ZAONARIVELO, MAYOR & BRENNEMAN (2006)                                       | Nouvelle espèce séparée de <i>M. rufus</i>  |
| <i>Mirza zaza</i>               | KAPPELER, RASOLOARISON, RAZAFIMANANTSOA, WALTER & ROOS (2005)   | Nouvelle espèce   |
| <b>GALAGIDAE</b>                |   |   |
| <i>Galagooides cocos</i>        | IUCN (2008)   | Changement à partir du genre <i>Galago zanzibaricus</i> dont elle est séparée       |
| <i>Galagooides demidovii</i>    | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides granti</i>       | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides nyasae</i>       | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides orinus</i>       | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides rondoensis</i>   | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides thomasi</i>      | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Galagooides zanzibaricus</i> | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Sciurocheirus alleni</i>     | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <i>Sciurocheirus gabonensis</i> | IUCN (2008)   | Changement à partir du genre <i>Galago</i>  |
| <b>HYLOBATIDAE</b>              |   |   |
| <i>Hoolock hoolock</i>          | MOOTNICK & GROVES (2005)  | Changement à partir du genre <i>Hylobates</i>                                       |
| <i>Hoolock leuconedys</i>       | MOOTNICK & GROVES (2005)  | Changement à partir du genre <i>Hylobates</i> et séparée de <i>H. hoolock</i>       |
| <i>Nomascus nasutus</i>         | IUCN (2008)   | Séparée de <i>N. concolor</i>   |
| <b>INDRIDAE</b>                 |   |   |
| <i>Avahi betsileo</i> *         | ANDRIANTOMPOHAVANA, LEI, ZAONARIVELO, ENGBERG, NALANIRINA, McGuire, SHORE, ANDRIANASOLO, HERRINGTON, BRENNEMAN & LOUIS JR. (2008) | Nouvelle espèce séparée d' <i>A. laniger</i>  |
| <i>Avahi cleesei</i>            | THALMANN & GEISSMANN (2005)   | Nouvelle espèce   |
| <i>Avahi meridionalis</i> *     | ZARAMODY, FAUSSET, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)                                 | Nouvelle espèce séparée d' <i>A. laniger</i>  |
| <i>Avahi mooreorum</i> *        | ANDRIANTOMPOHAVANA, LEI, ZAONARIVELO, ENGBERG, NALANIRINA, McGuire, SHORE, ANDRIANASOLO, HERRINGTON, BRENNEMAN & LOUIS JR. (2008) | Nouvelle espèce séparée d' <i>A. laniger</i>  |
| <i>Avahi peyrierasi</i> *       | ZARAMODY, FAUSSET, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)                                 | Nouvelle espèce séparée d' <i>A. laniger</i>  |
| <i>Avahi ramanantsoavani</i> *  | ZARAMODY, FAUSSET, ROOS, ZINNER, ANDRIAHOLIRINA, RABARIVOLA, NORSCIA, TATTERSALL & RUMPLER (2006)                                 | Nouvelle espèce, séparée d' <i>A. laniger</i>                                       |
| <i>Propithecus candidus</i>     | IUCN (2008)   | Séparée de <i>P. diadema</i>  |

| Noms scientifiques                                       | Références  | Commentaires sur l'origine:<br>regroupement, séparation, nouveau<br>nom, nouveau genre |
|--|---|--|
| <i>Propithecus coronatus</i>                             | IUCN (2008)   | Séparée de <i>P. verreauxi</i>   |
| <b>LEMURIDAE</b>   |   |  |
| <i>Hapalemur meridionalis</i>                            | IUCN (2008)   | Séparée d' <i>H. griseus</i>   |
| <b>LEPILEMURIDAE</b>                                     |   |  |
| <i>Lepilemur aeaeclis</i> *                              | ANDRIAHOLIRINA, FAUSSER, ROOS,<br>ZINNER, THALMANN, RABARIVOLA,<br>RAVOARIMANANA, GANZHORN, MEIER,<br>HILGARTNER, WALTER, ZARAMODY,<br>LANGER, HAHN, ZIMMERMANN, RADESPIEL,<br>CRAUL, TOMIUK, TATTERSALL. & RUMPLER<br>(2006) | Nouvelle espèce séparée de <i>L.<br/>ruficaudatus</i>                                  |
| <i>Lepilemur ahmansi</i> *<br>= <i>L. ahmansonorum</i>   | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>IUCN (2008)                   | Nouvelle espèce (séparée de <i>L.<br/>edwardsi</i> ?)**)                               |
| <i>Lepilemur betsileo</i> *                              | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)                                      | Nouvelle espèce (séparée d'une autre<br>espèce de <i>Lepilemur</i> déjà connue?)**)    |
| <i>Lepilemur fleuretae</i> *                             | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)                                      | Nouvelle espèce (séparée de <i>L.<br/>leucopus</i> ?)**)                               |
| <i>Lepilemur grewcocki</i> *<br>= <i>L. grewcockorum</i> | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>IUCN (2008)                   | Nouvelle espèce séparée de <i>L. dorsalis</i><br>*)                                    |
| <i>Lepilemur hubbardi</i> *<br>= <i>L. hubbardorum</i>   | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>IUCN (2008)                   | Nouvelle espèce (séparée de <i>L.<br/>ruficaudatus</i> ?)**)                           |
| <i>Lepilemur jamesi</i> *<br>= <i>L. jamesorum</i>       | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>IUCN (2008)                   | Nouvelle espèce (séparée d'une autre<br>espèce de <i>Lepilemur</i> déjà connue?)**)    |

| Noms scientifiques   | Références  | Commentaires sur l'origine:<br>regroupement, séparation, nouveau nom, nouveau genre   |
|--|---|---|
| <i>Lepilemur manasamody</i> *<br><br>                              | CRAUL, ZIMMERMANN,<br>RASOLOHARIJAONA, RANDRIANAMBININA &<br>RADESPIEL (2007)   | Nouvelle espèce séparée de <i>L. edwardsi</i><br><br>[Considérée comme synonyme de <i>L. grawcocki</i> Louis Jr. & al. 2006]<br>Commentaire dans le rapport du Groupe UICN/CSE de spécialistes des primates, 2007-2008. |
| <i>Lepilemur milanoii</i> *  | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)                                      | Nouvelle espèce (séparée de <i>L. ruficaudatus</i> ? *)   |
| <i>Lepilemur mittermeieri</i> *                                    | RABARIVOLA, ZARAMODY, FAUSSER,<br>ANDRIAHOLINIRINA, ROOS, ZINNER,<br>HAUWY & RUMPLER (2006)   | Nouvelle espèce séparée de <i>L. dorsalis</i>   |
| <i>Lepilemur otto</i> *  | CRAUL, ZIMMERMANN,<br>RASOLOHARIJAONA, RANDRIANAMBININA &<br>RADESPIEL (2007)   | Nouvelle espèce séparée de <i>L. edwardsi</i>   |
| <i>Lepilemur petteri</i> *   | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)                                      | Nouvelle espèce (séparée d'une autre espèce de <i>Lepilemur</i> déjà connue?) **  |
| <i>Lepilemur randrianasoloi</i> *                                  | ANDRIAHOLIRINA, FAUSSER, ROOS,<br>ZINNER, THALMANN, RABARIVOLA,<br>RAVOARIMANANA, GANZHORN, MEIER,<br>HILGARTNER, WALTER, ZARAMODY,<br>LANGER, HAHN, ZIMMERMANN, RADESPIEL,<br>CRAUL, TOMIUK, TATTERSALL. & RUMPLER<br>(2006) | Nouvelle espèce séparée de <i>L. ruficaudatus</i>   |
| <i>Lepilemur sahamalazensis</i> *                                  | ANDRIAHOLIRINA, FAUSSER, ROOS,<br>ZINNER, THALMANN, RABARIVOLA,<br>RAVOARIMANANA, GANZHORN, MEIER,<br>HILGARTNER, WALTER, ZARAMODY,<br>LANGER, HAHN, ZIMMERMANN, RADESPIEL,<br>CRAUL, TOMIUK, TATTERSALL. & RUMPLER<br>(2006) | Nouvelle espèce séparée de <i>L. dorsalis</i>   |
| <i>Lepilemur scottorum</i> *                                       | LEI, ENGBERG, ANDRIANTOMPOHAVANA,<br>MC GUIRE, MITTERMEIER, ZAONARIVELO,<br>BRENNEMAN & LOUIS JR. (2008)  | Nouvelle espèce   |
| <i>Lepilemur seali</i> *   | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)                                      | Nouvelle espèce (séparée d'une autre espèce de <i>Lepilemur</i> déjà connue?) **  |
| <i>Lepilemur tymeralachsoni</i> *<br>= <i>L. tymeralachsonorum</i> | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDRIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>UICN (2008)                   | Nouvelle espèce (séparée de <i>L. edwardsi</i> ? **) *  |

| Noms scientifiques                                 | Références   | Commentaires sur l'origine:<br>regroupement, séparation, nouveau nom, nouveau genre |
|--|--|---|
| <i>Lepilemur wrighti</i> *<br>= <i>L. wrightae</i> | LOUIS JR., ENGBERG, LEI, GENG, SOMMER,<br>RANDIAMAMPIONONA, RANDIAMANANA,<br>ZAONARIVELO, ANDRIANTOMPOHAVANA,<br>RANDRIA, RAMAROMILANTO,<br>RAKOTOARISOA, ROONEY, & BRENNEMAN<br>(2006)<br><br>UICN (2008) | Nouvelle espèce (séparée de <i>L. leucopus</i> ? ) **                               |
| <b>LORISIDAE</b>                                   |  |   |
| <i>Nycticebus javanicus</i>                        | UICN (2008)  | Séparée de <i>N. coucang</i>  |
| <i>Nycticebus menagensis</i>                       | UICN (2008)  | Séparée de <i>N. coucang</i>  |
| <b>Tarsiidae</b>                                   |  |   |
| <i>Tarsius larhang</i>                             | MERKER & GROVES (2006)   | Nouvelle espèce   |

#### Références

- AGGARWAL, R. K., KIVISILD, T., RAMADEVI, J. & SINGH, L. (2007): Mitochondrial DNA coding region sequences support the phylogenetic distinction of two Indian wolf species. – *Journal of Zoological Systematics and Evolutionary Research*, 45: 163.
- ANDRIAHOLINIRINA, N., FAUSSER, J.-L., ROOS, C., ZINNER, D., THALMANN, U., RABARIVOLA, C., RAVOARIMANANA, I., GANZHORN, J.U., MEIER, B., HILGARTNER, R., WALTER, L., ZARAMODY, A., LANGER, C., HAHN, T., ZIMMERMANN, E., RADESPIEL, U., CRAUL, M., TOMIUK, J., TATTERSALL, I. & RUMPLER, Y. (2006): Molecular phylogeny and taxonomic revision of the sportive lemurs (*Lepilemur*, *Primates*). – *BMC Evolutionary Biology*, 6: 1-13.
- ANDRIANTOMPOHAVANA, R., LEI, T. ZAONARIVELO, J.R., ENGBERG, S.E., NALANIRINA, G., MCGUIRE, S.M., SHORE, G.D., ANDRIANASOLO, J., HERRINGTON, K., BRENNEMAN, R.A. & LOUIS JR., E.E. (2007): Molecular phylogeny and taxonomic revision of the woolly lemurs, genus *Avahi* (*Primates: Lemuriformes*). – *Mus. Texas Tech Univ., Spec. Publ.*, 51:1-59.
- ANDRIANTOMPOHAVANA, R., ZAONARIVELO, J., ENGBERG, S., RANDIAMAMPIONONA, R., MCGUIRE, S., SHORE, G., RAKOTONOMENJAHARY, R., BRENNEMAN, R., & LOUIS, E. (2006): Mouse lemurs of northwestern Madagascar with a description of a new species at Lokobe Special Reserve. -- *Occasional Papers, Museum of Texas Tech University*, 259: 1 – 24.
- BEASLEY, I., ROBERTSON, K.M. & ARNOLD, P.W. (2005): Description of a new dolphin, the Australian Snubfin Dolphin, *Orcaella heinsohni* sp. n. (*Cetacea, Delphinidae*). -- *Marine Mammal Science*, 21(3): 365-400.
- 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. – *Int. J. Primatology*, volume 29, no. 3: 723-741.
- 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.
- CRAUL, M., ZIMMERMANN, E., RASOLOHARIJAONA, S., RANDRIANAMBININA, B. AND RADESPIEL, U. (2007): Unexpected species diversity of Malagasy primates (*Lepilemur* spp.) in the same biogeographical zone: a morphological and molecular approach with the description of two new species. *BMC Evol. Biol.* 7: 83 doi:10.1186/1471-2148-7-83.
- 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.
- DEFLER, T.R. & BUENO, M.L. (2007): Aotus diversity and the species problem. – *Primate Conservation*, 22:55-70.
- GROVES, C. P. (2007): Taxonomy and biogeography of the primates of western Uganda. – Pp. 3-20 in N. E. Newton-Fisher, H. Notman, J. D. Paterson and V. Reynolds, eds. *Primates in western Uganda*.

Springer: New York.

HELGEN, K. M. (2004): On the identity of flying-foxes, genus *Pteropus* (*Mammalia: Chiroptera*), from islands in the Torres Strait, Australia. – *Zootaxa*, 780: 1-14.

IUCN (2008): 2008 IUCN Red List of Threatened Species. <http://www.iucnredlist.org/> Downloaded 16 February 2009

JONES, T., EHARDT, C.L., BUTYNSKI, T.M., DAVENPORT, T.R.B., MPUNGA, N.E., MACHAGA, S.J. & DE LUCA, D.W. (2005): The Highland Mangabey *Lophocebus kipunji*: A New Species of African Monkey. -- *Science*, 308: 1161-1164.

KAPPELER, P.M., RASOLOARISON, R.M., RAZAFIMANANTSOA, L., WALTER, L. & ROOS, C. (2005): Morphology, Behaviour and Molecular Evolution of Giant Mouse Lemurs (*Mirza* spp.) GRAY, 1870, with description of a new species. – *Primate Report*, 71: 3-26.

KITCHENER, A., BEAUMONT, M. A. & RICHARDSON, D. (2006): Geographical variation in the Clouded Leopard, *Neofelis nebulosa*, reveals two species. – *Current Biology*, 16 (23): 2377.

LEI, R., ENGBERG, S.E., ANDRIANTOMPOHAVANA, R., MCGUIRE, S.M., MITTERMEIER, R.A., ZAONARIVELO, J.R., BRENNEMAN, R.A. & LOUIS JR., E.E. (2008): Nocturnal lemur diversity at Masoala National Park. – *Mus. Texas Tech Univ., Spec. Publ.*, 53: 1-41.

LOUIS JR., E.E., COLES, M.S., ANDRIANTOMPOHAVANA, R., SOMMER, J.A., ENGBERG, S.E., ZAONARIVELO, J.R., MAYOR, M.I. & BRENNEMAN, R.A. (2006): Revision of the Mouse Lemurs (*Microcebus*) of Eastern Madagascar. – *Intern. J. Primatology*, 27: 347-389.

LOUIS, E.E.JR., ENGBERG, S.E., LEI, R., GENG, H., SOMMER, J.A., RANDIAMAMPIONONA, R., RANDIAMANANA, J.C., ZAONARIVELO, J.R., ANDRIANTOMPOHAVANA, R., RANDRIA, G., RAMAROMILANTO, P.B., RAKOTOARISOA, G., ROONEY, A. & BRENNEMAN, R.A. (2006): Molecular and Morphological Analyses of the Sportive Lemurs (Family *Megaladapidae*: Genus *Lepilemur*) Reveals 11 Previously Unrecognized Species. – *Special Publ. Mus. Texas Tech University*, 49: 1-47.

MENDES PONTES, A.R., MALTA, A. & ASFORA, P.H. (2006): A new species of capuchin monkey, genus *Cebus* Erxleben (Cebidae, Primates): found at the very brink of extinction in the Pernambuco Endemism Centre. – *Zootaxa*, 1200: 1-12.

OLIVIERI, G., ZIMMERMANN, E., RANDIANAMBININA, B., RASOLOHARIJAONA, S., RAKOTONDRAVONY, D., GUSCHANSKI, K. & RADESPIEL, U. (2007): The ever-increasing diversity in mouse lemurs: Three new species in north and northwestern Madagascar. – *Molecular Phylogenetics and Evolution*, 43: 309-327.

RABARIVOLA, C., ZARAMODY, A., FAUSSER, J.-L., ANDRIAHOLINIRINA, N., ROOS, C., ZINNER, D., HAUWY & RUMPLER, Y. (2006): Cytogenetic and molecular characteristics of a new species of sportive lemur from Northern Madagascar. – *Lemur News*, 11: 45-49.

RADESPIEL, U., OLIVIERI, G., RASOLOFOSON, D.W., RAKOTONDRAZIMBA, G., RAKOTONIRAINY, O., RASOLOHARIJOANA, S., RANDIANAMBININA, B., RATSIMBAZAFY, J.H., RATELOLAHAY, F., RANDIAMBOAVONJY, T., RASOLOFOHARIVELO, T., CRAUL, M., RAKOTOZAFY, L. & RANDIANARISON, R.M. (2008): Exceptional diversity of mouse lemurs (*Microcebus* spp.) in the Makira region with the description of one new species. – *Amer. J. Primatology*, 70: 1-14.

SINHA, A., DATTA, A., MADHUSUDAN, M.D. & MISHRA, C. (2005): *Macaca munzala*: A New Species from Western Arunachal Pradesh, Northeastern India. – *Int. J. Primatology*, 26(4):977-989; doi:10.1007/s10764-005-5333-3.

THALMANN, U. & GEISSMANN, T. (2005): New Species of Woolly Lemur Avahi (Primates: Lemuriformes) in Bemaraha (Central Western Madagascar). – *Amer. J. Primatology*, 67: 371-376.

VAN ROOSMALEN, M.G.M., FRENZ, L., VAN HOFT, P., DE LONGH, H.H. & LEIRS, H. (2007): A new species of living peccary (Mammalia: Tayassuidae) from the Brazilian Amazon. – *Bonner zoologische Beiträge*, 55(2): 105-112.

WALLACE, R.B., GOMEZ, H., FELTON, A. & FELTON, A. (2006): On a New Species of Titi Monkey, Genus *Callicebus* Thomas (Primates, Pitheciidae), from Western Bolivia with Preliminary Notes on Distribution and Abundance. – *Primate Conservation*, 2006(20): 29-39.

ZARAMODY, A., FAUSSER, J.L., ROOS, C., ZINNER, D., ANDRIAHOLIRINA, N., RABARIVOLA, C., NORSCIA, I., TATTERSALL, I. & RUMPLER, Y. (2006): Molecular phylogeny and Taxonomic Revision for the Eastern Woolly Lemurs (*Avahi laniger*). – *Primate Report*, 74:9-23.

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

**February, 2009**

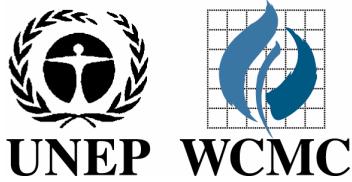
**A report to the European Commission  
Directorate General E - Environment  
ENV.E.2. – Environmental Agreements and Trade**



**by the**

**United Nations Environment Programme  
World Conservation Monitoring Centre**





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The UNEP World Conservation Monitoring Centre (UNEP-WCMC), based in Cambridge, UK, is the specialist biodiversity information and assessment centre of the United Nations Environment Programme (UNEP), run cooperatively with WCMC 2000, a UK charity. The Centre's mission is to evaluate and highlight the many values of biodiversity and put authoritative biodiversity knowledge at the centre of decision-making. Through the analysis and synthesis of global biodiversity knowledge the Centre provides authoritative, strategic and timely information for conventions, countries and organisations to use in the development and implementation of their policies and decisions.

The **UNEP-WCMC** provides objective and scientifically rigorous procedures and services. These include ecosystem assessments, support for the implementation of environmental agreements, global and regional biodiversity information, research on threats and impacts, and the development of future scenarios.

### 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>                           |   |   |
| <b>ANATIDAE</b>                               |   |   |
| <i>Branta hutchinsi</i><br><i>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>                            |   |   |
| <b>TROCHILIDAE</b>                            |   |   |
| <i>Aglaeocercus 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 humboldti</i>                   | Ridgely & Greenfield (2001), Stiles (2003), Banks <i>et al.</i> (2005), Remsen <i>et al.</i> (2008) | Split from <i>H. grayi</i>                                  |

| Species name                   | References   | Comments on origin: lumping, splitting, new name, new genus |
|--------------------------------|--|---|
| <i>Lesbia gouldii</i>          | Weller & Schuchmann (2004) but NOT Remsen et al. (2008)              | Split from <i>L. nuna</i>                                   |
| <i>Phaeochroa cuvierii</i>     | Remsen et al. (2008)   | Generic change from <i>Campylopterus</i>                    |
| <i>Phaethornis baroni</i>      | Ridgely & Greenfield (2001) but NOT Remsen et al. (2008)             | Split from <i>P. longirostris</i>                           |
| <i>Thalurania hypochlora</i>   | Ridgely & Greenfield (2001) but NOT Remsen et al. (2008)             | Split from <i>T. fannyi</i>                                 |
| <i>Threnetes leucurus</i>      | Remsen et al. (2008)   | Split from <i>T. niger</i>                                  |
| <i>Urocissa ruficrissa</i>     | Ridgely & Greenfield (2001), Remsen et al. (2008)                    |   |
| <b>CHARADRIIFORMES</b>         |  |   |
| <b>LARIDAE</b>                 |  |   |
| <i>Ichthyaetus relicta</i>     | Pons et al. (2005)   | Generic change from <i>Larus</i>                            |
| <b>CICONIIFORMES</b>           |  |   |
| <b>ARDEIDAE</b>                |  |   |
| <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>           |  |   |
| <b>COLUMBIDAE</b>              |  |   |
| <i>Patagioenas oenops</i>      | Remsen et al. (2008)   | Generic change from <i>Columba</i>                          |
| <b>CORACIIFORMES</b>           |  |   |
| <b>BUCEROTIDAE</b>             |  |   |
| <i>Ptilolaemus austeni</i>     | Rasmussen & Anderton (2005)  | Generic change and split from <i>Anorrhinus tickelli</i>    |
| <b>FALCONIFORMES</b>           |  |   |
| <b>ACCIPITRIDAE</b>            |  |   |
| <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>                               |

| Species name                  | References  | Comments on origin: lumping, splitting, new name, new genus               |
|-------------------------------|---|---|
| <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>                                    |
| <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 gundlachii</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>   |

| Species name                                      | References   | Comments on origin: lumping, splitting, new name, new genus              |
|---|--|--|
| <i>Circus approximans</i><br><i>spilocephalus</i> | Ferguson-Lees & Christie (2001)  | Subspecies transferred from <i>S. spilonotus</i>                         |
| <i>Circus hudsonius</i>                           | Ferguson-Lees & Christie (2001)  | Split from <i>C. cyaneus</i>   |
| <i>Circus macrosceles</i>                         | Simmons (2000), BirdLife International (2008)  | Split from <i>C. maillardi</i>   |
| <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>Milvus fasciicauda</i>                         | Ferguson-Lees & Christie (2001)  | Split from <i>M. milvus</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 limnaeus</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>                                     |

| Species name                    | References  | Comments on origin: lumping, splitting, new name, new genus                |
|---------------------------------|---|--|
| <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>                                       |
| <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 sipoa</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), Remsen <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), Remsen <i>et al.</i> (2008) | Generic change from <i>Spizastur</i>                                       |
| <b>GALLIFORMES</b>              |   |  |
| <b>CRACIDAE</b>                 |   |  |
| <i>Pauxi mitu</i>               | Frank-Hoeflich <i>et al.</i> (2007)   | Generic change from <i>Mitu</i>  |
| <b>PHASIANIDAE</b>              |   |  |
| <i>Lophura imperialis</i>       | Hennache <i>et al.</i> (2003)   | Hybrid of <i>L. edwardsi</i> x <i>L. nycthemera</i>                        |
| <b>PASSERIFORMES</b>            |   |  |
| <b>ESTRILDIDAE</b>              |   |  |
| <i>Sporaeginthus formosus</i>   | Fry & Keith (2004)  | Generic change from <i>Amandava</i>  |

| Species name                   | References   | Comments on origin: lumping, splitting, new name, new genus |
|--------------------------------|--|---|
| <b>MUSCICAPIDAE</b>            |  |   |
| <i>Garrulax taewanus</i>       | Collar (2006)  | Split from <i>G. canorus</i>                                |
| <b>STURNIDAE</b>               |  |   |
| <i>Gracula indica</i>          | Rasmussen & Anderton (2005)  | Split from <i>G. religiosa</i>                              |
| <b>PICIFORMES</b>              |  |   |
| <b>RAMPHASTIDAE</b>            |  |   |
| <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>          |  |   |
| <b>CACATUIDAE</b>              |  |   |
| <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>                          |
| <b>PSITTACIDAE</b>             |  |   |
| <i>Alipiopsitta xanthops</i>   | Russello & Amato (2004)  | Generic change from <i>Amazona</i>                          |
| <i>Amazona europalliata</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 pintoi</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 uvaensis</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>Guaruba guarouba</i>              |
| <i>Loriculus camiguinensis</i> | Tello <i>et al.</i> (2006)   | New species   |

| Species name                   | References  | Comments on origin: lumping, splitting, new name, new genus |
|--------------------------------|---|---|
| <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>                      |
| <i>Pyrilia coccinocollaris</i> | Ribas <i>et al.</i> (2005) but <b>NOT</b> Remsen <i>et al.</i> (2008)               | Split from <i>P. haematotis</i>                             |
| <i>Pyrilia 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>Pyrilia pulchra</i>         | Ribas <i>et al.</i> (2005), Remsen <i>et al.</i> (2008)                             | Generic change from <i>Pionopsitta</i>                      |
| <i>Pyrilia pyrilia</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>Pyrilia 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>                                  |

## RHEIFORMES

| Species name                      | References   | Comments on origin: lumping, splitting, new name, new genus  |
|-----------------------------------|--|--|
| <b>RHEIDAE</b>                    |  |  |
| <i>Rhea pennata</i>               | Remsen et al. (2008)   | Generic change from <i>Pterocnemia</i>   |
| <b>STRIGIFORMES</b>               |  |  |
| <b>STRIGIDAE</b>                  |  |  |
| <i>Asio clamator</i>              | König et al. (2008)  | Generic change from <i>Pseudoscops</i>   |
| <i>Asio galapagoensis</i>         | König et al. (2008)  | Split from <i>A. flammeus</i>  |
| <i>Athene blewitti</i>            | König et al. (2008)  | Generic change from <i>Heteroglaux</i>   |
| <i>Athene lilith</i>              | König et al. (2008)  | Split from <i>A. noctua</i>  |
| <i>Athene spilogaster</i>         | König et al. (2008)  | Split from <i>A. noctua</i>  |
| <i>Bubo bengalensis</i>           | König et al. (2008)  | Split from <i>B. bubo</i>  |
| <i>Bubo bouvieri</i>              | König et al. (2008)  | Generic change from <i>Scotopelia</i>  |
| <i>Bubo flavigula</i>             | König et al. (2008)  | Generic change from <i>Ketupa</i>  |
| <i>Bubo ketupu</i>                | König et al. (2008)  | Generic change from <i>Ketupa</i>  |
| <i>Bubo magellanicus</i>          | König et al. (2008)  | Split from <i>B. virginianus</i>   |
| <i>Bubo peli</i>                  | König et al. (2008)  | Generic change from <i>Scotopelia</i>  |
| <i>Bubo scandiacus</i>            | Banks et al. (2003), Sangster et al. (2004), König et al. (2008) | Generic change from <i>Nyctea</i>  |
| <i>Bubo ussheri</i>               | König et al. (2008)  | Generic change from <i>Scotopelia</i>  |
| <i>Bubo zeylonensis</i>           | König et al. (2008)  | Generic change from <i>Ketupa</i>  |
| <i>Ciccaba albiceps</i>           | Remsen et al. (2008)   | Generic change from <i>Strix</i>   |
| <i>Ciccaba (Strix) squamulata</i> | König et al. (2008)  | Split from <i>C. (S.) virgata</i>  |
| <i>Ciccaba virgata</i>            | Remsen et al. (2008)   | Generic change from <i>Strix</i>   |
| <i>Glaucidium californicum</i>    | König et al. (2008)  | Split from <i>G. gnoma</i>   |
| <i>Glaucidium cobanense</i>       | König et al. (2008)  | Split from <i>G. gnoma</i>   |
| <i>Glaucidium hoskinsii</i>       | König et al. (2008)  | Split from <i>G. gnoma</i>   |
| <i>Glaucidium ridgwayi</i>        | König et al. (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 et al. (2008)  | Split from <i>G. brasilianum</i>   |

| Species name                      | References   | Comments on origin: lumping, splitting, new name, new genus |
|-----------------------------------|--|---|
| <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 columbianus</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>                             |
| <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>                             |

| Species name                  | References   | Comments on origin: lumping, splitting, new name, new genus |
|-------------------------------|--|---|
| <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>                                |
| <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 pamela</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 NOT Remsen <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>                          |

| Species name                    | References   | Comments on origin: lumping, splitting, new name, new genus |
|---------------------------------|--|---|
| <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),<br>König <i>et al.</i> (2008) | Split from <i>S. aluco</i>                                  |
| <i>Taenioglaux albirtina</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 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 etchecopari</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>                       |
| <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>                         |

| Species name              | References                 | Comments on origin: lumping, splitting, new name, new genus |
|---------------------------|----------------------------|---|
| <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>                                   |

*References*

AERC TAC (2003) *AERC TAC's taxonomic recommendations*. Online version: <http://www.aerc.be>

Arndt, T. (2006) A revision of the *Aratinga mitrata* complex, with the description of one new species, two new subspecies and species-level-status of *Aratinga alticola*. *Journal of Ornithology* 147: 73-86.

Arndt, T. (2008) Anmerkungen zu einigen *Pyrrhura*-Formen mit der Beschreibung einer neuen Art und zweier neuer Unterarten. *Papageien* 8: 278-286.

Banks, R. C., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen Jr and J. V., Rising, J. D. and Stotz, D. F. (2003) Forty-fourth supplement to the American Ornithologists' Union *Check-list of North American birds*. *Auk* 120: 923-931.

Banks, R. C., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen, Jr, J. V., Rising, J. D. & Stotz, D. F. (2004) Forty-fifth supplement to the American Ornithologists' Union Check-list of North American birds. *Auk* 121: 985-995.

Banks, R. C., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen, Jr, J. V., Rising, J. D. & Stotz, D. F. (2005) Forty-sixth supplement to the American Ornithologists' Union Check-list of North American birds. *Auk* 122: 1026-1031.

Banks, R. C., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen, Jr, J. V., Rising, J. D. & Stotz, D. F. (2006) Forty-seventh supplement to the American Ornithologists' Union Check-list of North American birds. *Auk* 123: 926-936.

Banks, R. C., Chesser, R. T., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen, Jr, J. V., Rising, J. D. & Stotz, D. F. (2007) Forty-eighth supplement to the American Ornithologists' Union Check-list of North American birds. *Auk* 124: 1109-1115.

Banks, R. C., Chesser, R. T., Cicero, C., Dunn, J. L., Kratter, A. W., Rasmussen, P. C., Remsen, Jr, J. V., Rising, J. D. & Stotz, D. F. (2008) Forty-ninth supplement to the American Ornithologists' Union Check-list of North American birds. *Auk* 125: 758-768.

BirdLife International (2008) Species factsheet: *Circus macrosceles*. Downloaded from <http://www.birdlife.org> on 15/1/2009

Bunce, M., Szulkin, M., Lerner, H. R. L., Barnes, I., Shapiro, B. and Cooper, A. (2005) Ancient DNA provides new insights into the evolutionary history of New Zealand's extinct giant eagle. *PloS Biology* 3: 1-4.

Christidis, L. and Boles, W. E. (2008) *Systematics and taxonomy of Australian birds*. Collingwood, Victoria: CSIRO Publishing.

Clark, W. S. (2006) Melanistic specimen of Black-chested Buzzard-Eagle (*Geranoaetus melanoleucus*) with comments on the species' taxonomic position. *Journal of Raptor Research* 40: 86-88.

Clark, W. S. (2007a) Taxonomic status and distribution of Mangrove Black Hawk *Buteogallus (anthracinus) subtilis*. *Bulletin of the British Ornithologists' Club* 127: 110-117.

Clark, W. S. (2007b) Taxonomic status of the Forest Buzzard *Buteo (oreophilus) trizonatus*. *Ostrich* 78: 101-104.

Collar, N. J. (2003) How many bird species are there in Asia? *Oriental Bird Club Bulletin* 38: 20-30.

- Collar, N. J. (2006) A partial revision of the Asian babblers (Timaliidae). *Forktail* 22: 85-112.
- Collar, N. J. (2007) Taxonomic notes on some insular *Loriculus* hanging-parrots. *Bulletin of the British Ornithologists' Club* 127: 97-107.
- Cortés-Diago, A., Ortega, L. A., Mazariegos-Hurtado, L. and Weller, A.-A. (2007) A new species of *Eriocnemis* (Trochilidae) from southwest Colombia. *Ornitología Neotropical* 18: 161-170.
- David, N. and Gosselin, M. (2002) Gender agreement of avian species names. *Bulletin of the British Ornithologists' Club* 122: 14-49.
- Dickinson, E. C. (ed.) (2003) *The Howard and Moore complete checklist of the birds of the world*. Christopher Helm, London.
- Dickinson, E.C. (2005): Corrigenda 4 (02.06.2005) to Howard & Moore Edition 3 (2003).
- Eberhard, J. R. and Bermingham, E. (2004) Phylogeny and biogeography of the *Amazona ochrocephala* (Aves: Psittacidae) complex. *Auk* 121: 318-332.
- Eberhard, J. R. and Bermingham, E. (2005) Phylogeny and comparative biogeography of *Pionopsitta* parrots and *Pteroglossus* toucans. *Molecular Phylogenetics and Evolution* 36: 288-304.
- Ferguson-Lees, J. & Christie, D. A. (2001) *Raptors of the world*. Christopher Helm, London.
- Frank-Hoeflich, K., Silveira, L. F., Estudillo-López, J., García-Koch, A. M., Ongay-Larios, L. and Pinero, D. (2007) Increased taxon and character sampling reveals novel intergeneric relationships in the Cracidae (Aves: Galliformes). *J. Zool. Syst. Evol. Res.* 45: 242-254.
- Fry, C. H. & Keith, S. eds. (2004) *The birds of Africa*. Volume 7. Academic Press, London.
- Gamauf, A., Gjershaug, J. O., Kvaløy, K., Røv, N. and Haring, E. (2005a) Molecular phylogeny of the hawk-eagles (genus *Spizaetus*). *Zoologische Mededelingen* 79(3): 179-180.
- Gamauf, A., Gjershaug, J.-O., Røv, N., Kvaløy, K. and Haring, E. (2005b) Species or subspecies? The dilemma of taxonomic ranking of some South-East Asian hawk-eagles (genus *Spizaetus*). *Bird Conservation International* 15: 99-117.
- Gjershaug, J. O. (2006) Taxonomy and conservation status of hawk-eagles [genus *Nisaetus*] in South-East Asia. Ph.D. thesis, Norwegian University of Science and Technology. <http://www.diva-portal.org/ntnu/abstract.xsql?dbid=413>
- Gjershaug, J. O., Diserud, O., Rasmussen, P. C. and Warakagoda, D. (2008) An overlooked threatened species of eagle: Legge's Hawk-eagle *Nisaetus kelaarti* (Aves: Accipitriformes). *Zootaxa* 1792: 54-66.
- Gjershaug, J. O., Kvaløy, K., Røv, N., Prawiradilaga, D. M., Suparman, U. & Rahman, Z. (2004) The taxonomic status of Flores Hawk Eagle *Spizaetus floris*. *Forktail* 20: 55-62.
- Haring, E., Kvaløy, K., Gjershaug, J. O. and Gamauf, A. (2007) Convergent evolution and paraphyly of the hawk-eagles of the genus *Spizaetus* (Aves, Accipitridae) - phylogenetic analyses based on mitochondrial markers. *Journal of Zoological Systematics and Evolutionary Research* doi:10.1111/j.1439-0469.2007.00410.x:1-13.
- Heidrich, P., König, C. and Wink, M. (1995) Molecular phylogeny of South American screech owls of the *Otus atricapillus* complex (Aves: Strigidae) inferred from nucleotide sequences of the mitochondrial cytochrome b gene. *Zeitschrift für Naturforschung, Section C, Biosciences* 50: 294-302.
- Helbig, A. J., Kocum, A., Seibold, I. and Braun, M. J. (2005) A multi-gene phylogeny of aquiline eagles (Aves: Accipitriformes) reveals extensive paraphyly at the genus level. *Molecular Phylogenetics and Evolution* 35: 147-164.
- Hennache, A., Rasmussen, P., Lucchini, V., Rimondi, S. and Randi, E. (2003) Hybrid origin of the Imperial Pheasant *Lophura imperialis* (Delacour and Jabouille, 1924) demonstrated by morphology, hybrid experiments, and DNA analyses. *Biological Journal of the Linnean Society* 80(4): 573-600.
- Hilty, S. (2003) *Birds of Venezuela*. London: Christopher Helm.
- Hockey, P., Dean, R. and Ryan, P. (2005) *Roberts birds of Southern Africa*. Cape Town: African Geographic.

- Holt, D. W., Berkley, R., Deppe, C., Enríquez Rocha, P. L., Petersen, J. L., Rangel Salazar, J. L., Segars, K. P. and Wood, K. L. (1999) Family Strigidae (typical owls). Pp. 76-242 in J. del Hoyo, A. Elliott and J. Sargatal (eds.) *Handbook of the birds of the world*. Vol. 5. Lynx Edicions, Barcelona.
- Indrawan, M. & Somadikarta, S. (2004) A new hawk-owl from the Togian Islands, Gulf of Tomini, central Sulawesi, Indonesia. *Bulletin of the British Ornithologists' Club* 124: 160-171.
- Jaramillo, A. (2003) *Birds of Chile*. London: Christopher Helm.
- Joseph, L. (2000) Beginning an end to 63 years of uncertainty: the Neotropical parakeets known as *Pyrrhura picta* and *P. leucotis* comprise more than two species. *Proceedings of the Academy of Natural Sciences of Philadelphia* 150: 279-292.
- Joseph, L. (2002) Geographical variation, taxonomy and distribution of some Amazonian *Pyrrhura* parakeets. *Ornitología Neotropical* 13: 337-363.
- Kear, J. ed. (2005) *Ducks, geese and swans*. Oxford: Oxford University Press.
- Kimura, R. K., Pereira, S. L., Grau, E. T., Höfling, E. and Wajntal, A. (2004) Genetic distances and phylogenetic analyses suggest that *Baillonius* Cassin, 1867 is a *Pteroglossus* Illiger, 1811 (Piciformes, Ramphastidae). *Ornitología Neotropical* 15: 527-537.
- King, B. (2002) Species limits in the Brown Boobook *Ninox scutulata* complex. *Bulletin of the British Ornithologists' Club* 122: 250-257.
- Knox, A. G., Collinson, M., Helbig, A. J., Parkin, D. T. and Sangster, G. (2002) Taxonomic recommendations for British birds. *Ibis* 144: 707-710.
- König, K. & Weick, F. (2005) Ein neuer Sperlingskauz (Aves: Strigidae) aus Südostbrasiliien. *Stuttgarter Beitr. Naturk.*, Ser. A, 688: 1-12.
- König, K. Weick, F. and Becking, J.-H. (2008) *Owls, a guide to the owls of the world*. Second edition. Pica Press, U.K.
- Krabbe, N., Flórez, P., Suárez, G., Castaño, J., Arango, J. D., Pulgarín, P. C., Múnera, W. A., Stiles, F. G. and Salaman, P. (2005) Rediscovery of the Dusky Starfrontlet *Coeligena orina*, with a description of the adult plumages and reassessment of its taxonomic status. *Ornitología Colombiana* 3: 28-35.
- Kruckenhauser, L., Haring, E., Pinsker, W., Riesing, M. J., Winkler, H., Wink, M. & Gamauf, A. (2004) Genetic vs. morphological differentiation of Old World buzzards (genus *Buteo*, Accipitridae). *Zoologica Scripta* 33: 197-211.
- Lack, P. (2008) African Bird Club African checklist. <http://www.africanbirdclub.org/resources/checklist.html>
- Lerner, H. R. and Mindell, D. P. (2005) Phylogeny of eagles, Old World vultures, and other Accipitridae based on nuclear and mitochondrial DNA. *Molecular Phylogenetics and Evolution* 37: 327-346.
- Lerner, H. R. and Mindell, D. P. (2008) Molecular phylogenetics of the buteonine birds of prey (Accipitridae). *Auk* 125: 304-315.
- Nijman, V. (2006) The endemic Bawean Serpent-eagle *Spilornis baweanus*: habitat use, abundance and conservation. *Birds Conservation International* 16: 131-143.
- Pacheco, J. F. and Whitney, B. M. (2006) Mandatory changes to the scientific names of three Neotropical birds. *Bulletin of the British Ornithologists' Club* 126: 242-244.
- Parry, S. J., Clark, W. S. & Prakash, V. (2002) On the taxonomic status of the Indian Spotted Eagle *Aquila hastata*. *Ibis* 144: 665-675.
- Pereira, G. A., Dantas, S. M. and Periquito, M. C. (2006) Possível registro de *Leptodon forbesi* no Estado de Pernambuco, Brasil. *Revista Brasileira de Ornitologia* 14: 441-444.
- Pereira, S. L. and Wajntal, A. (2008) The historical biogeography of *Pteroglossus aracaris* (Aves, Piciformes, Ramphastidae) based on Bayesian analysis of mitochondrial DNA sequences. *Genetics and Molecular Biology* 31: 964-973.

- Pons, J.-M., Hassanin, A. and Crochet, P.-A. (2005) Phylogenetic relationships within the Laridae (Charadriiformes: Aves) inferred from mitochondrial markers. *Molecular Phylogenetics and Evolution* 37: 686-699.
- Rasmussen, P. C. & Anderton, J. C. (2005) *Birds of South Asia, the Ripley guide*. Smithsonian Institution, Washington, D.C. & Lynx Edicions, Barcelona.
- Remsen, J. V. Jr, Cadena, C. D., Jaramillo, A., Nores, M., Pacheco, J. F., Robbins, M. B., Schulenberg, T. S., Stiles, F. G., Stotz, D. F. and Zimmer, K. J. (2008) A classification of the bird species of South America. Version: 8 January 2009. American Ornithologists' Union. <http://www.museum.lsu.edu/~Remsen/SACCBaseline.html>
- Ribas, C. C., Gaban-Lima, R., Miyaki, C. Y. and Cracraft, J. (2005) Historical biogeography and diversification within the Neotropical parrot genus *Pionopsitta* (Aves: Psittacidae). *Journal of Biogeography* 32: 1409-1427.
- Ribas, C. C., Joseph, L. and Miyaki, C. Y. (2006) Molecular systematics and patterns of diversification in *Pyrrhura* (Psittacidae), with special reference to the *picta-leucotis* complex. *Auk* 123: 660-680.
- Ridgely, R. S. and Greenfield, P. J. (2001) *The birds of Ecuador*. Vol. 1. *Status, distribution and taxonomy*. London: Christopher Helm.
- Riesing, M. J., Kruckenhauser, L., Gamauf, A. and Haring, E. (2003) Molecular phylogeny of the genus *Buteo* (Aves: Accipitridae) based on mitochondrial marker sequences. *Molecular Phylogenetics and Evolution* 27: 328-342.
- Roselaar, C. S. & Michels, J. P. (2004) Nomenclatural chaos untangled, resulting in the naming of the formally undescribed *Cacatua* species from the Tanimbar Islands, Indonesia (Psittaciformes: Cacatuidae). *Zoologische Verhandelingen* 350: 183-196.
- Russello, M. A. and Amato, G. (2004) A molecular phylogeny of *Amazona*: implications for Neotropical parrot biogeography, taxonomy and conservation. *Molecular Phylogenetics and Evolution* 30: 421-437.
- Sangster, G., Collinson, M., Helbig, A. J., Knox, A. G. and Parkin, D. T. (2004) Taxonomic recommendations for British birds: second report. *Ibis* 146: 153-157.
- Sangster, G., Collinson, M., Helbig, A. J., Knox, A. G. and Parkin, D. T. (2005) Taxonomic recommendations for British birds: third report. *Ibis* 147: 821-826.
- Silveira, L. F., Lima, F. C. T. and Höfling, E. (2005) A new species of *Aratinga* parakeet (Psittaciformes: Psittacidae) from Brazil, with taxonomic remarks on the *Aratinga solstitialis* complex. *Auk* 122: 292-305.
- Simmons, R. E. (2000) *Harriers of the world: their behaviour and ecology*. Oxford: Oxford University Press.
- Smythies, B. E. and Davison, G. W. H. (1999) *The birds of Borneo*. Fourth edition. Kota Kinabalu: Natural History Publications.
- Stiles, F. G. (2003) Notas taxonómicas sobre aves colombianas. I. El rango taxonómico de *Hylocharis humboldtii* (Trochilidae). *Ornitología Colombiana* 1: 68-70.
- Tello, J. G., Degner, J. F., Bates, J. M. and Willard, D. E. (2006) A new species of hanging-parrot (Aves: Psittacidae: *Loriculus*) from Camiguin Island, Philippines. *Fieldiana Zoology* 106: 49-57. [published April 2006]
- Weick, F. (2006) *Owls (Strigiformes). Annotated and illustrated checklist*. Berlin & Heidelberg: Springer-Verlag.
- Weller, A.-A. and Schuchmann, K.-L. (2004) Biogeographic and taxonomic revision of the trainbearers *Lesbia* (Trochilidae), with the description of two new subspecies. *Ornithologischer Anzeiger* 43: 115-136.
- Wiley, J. W. and Garrido, O. H. (2005) Taxonomic status and biology of the Cuban Black-Hawk, *Buteogallus anthracinus gundlachii* (Aves: Accipitridae). *Journal of Raptor Research* 39: 351-364.
- Wirminghaus, J. O., Downs, C. T., Perrin, M. R. and Symes, C. T. (2002) Taxonomic relationships of the subspecies of the Cape Parrot *Poicephalus robustus* (Gmelin). *Journal of Natural History* 36: 361-378.

**Nouveaux genres ou espèces de certains groupes de reptiles (et autres changements dans la nomenclature et la taxonomie récemment proposés au niveau du genre ou de l'espèce)**

non pris en compte dans les références de nomenclature actuelles de la CITES pour les reptiles<sup>2</sup>

Compilation faite par le spécialiste de la nomenclature du Comité pour les animaux.

| Noms scientifiques               | Références                              | Commentaires sur l'origine:<br>regroupement, séparation, nouveau nom, nouveau genre |
|----------------------------------|---|---|
| SAURIA                           |   |   |
| AGAMIDAE                         |   |   |
| <i>Uromastyx yemenensis</i>      | WILMS & SCHMITZ (2007)                  | Nouvelle espèce du groupe <i>Uromastyx ocellata</i>                                 |
| CHAMELEONIDAE                    |   |   |
| <i>Bradypodion atromontanum</i>  | BRANCH, TOLLEY & TILBURY (2006)         | Nouvelle espèce   |
| <i>Bradypodion cafrum</i>        | TOLLEY, TILBURY, BRANCH & MATHEE (2004) | Nouvelle espèce séparée de <i>Bradypodion pumilum</i>                               |
| <i>Bradypodion caeruleogula</i>  | RAW & BROTHERS (2008)                   | Nouvelle espèce   |
| <i>Bradypodion damarum</i>       | TOLLEY, TILBURY, BRANCH & MATHEE (2004) | Nouvelle espèce séparée de <i>Bradypodion pumilum</i>                               |
| <i>Bradypodion gutturale</i>     | TOLLEY, TILBURY, BRANCH & MATHEE (2004) | Nouvelle espèce séparée de <i>Bradypodion pumilum</i>                               |
| <i>Bradypodion nkandiae</i>      | RAW & BROTHERS (2008)                   | Nouvelle espèce   |
| <i>Bradypodion transvaalense</i> | TOLLEY, TILBURY, BRANCH & MATHEE (2004) | Nouvelle espèce séparée de <i>Bradypodion pumilum</i>                               |
| <i>Bradypodion ventrale</i>      | TOLLEY, TILBURY, BRANCH & MATHEE (2004) | Nouvelle espèce séparée de <i>Bradypodion pumilum</i>                               |
| <i>Calumma amber</i>             | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce séparée de <i>Calumma brevicorne</i>                                |
| <i>Calumma brevicorne</i>        | RAXWORTHY & NUSSBAUM (2006)             | Changement d'orthographe  |
| <i>Calumma cucullatum</i>        | LUTZMANN & LUTZMANN (2004)              | Changement d'orthographe  |
| <i>Calumma crypticum</i>         | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce séparée de <i>Calumma brevicorne</i>                                |
| <i>Calumma hafahafa</i>          | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce séparée de <i>Calumma malthe</i>                                    |
| <i>Calumma jejy</i>              | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce séparée de <i>Calumma brevicorne</i>                                |
| <i>Calumma nasutum</i>           | LUTZMANN & LUTZMANN (2004)              | Changement d'orthographe  |
| <i>Calumma peltierorum</i>       | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce séparée de <i>Calumma malthe</i>                                    |
| <i>Calumma tsycore</i>           | RAXWORTHY & NUSSBAUM (2006)             | Nouvelle espèce   |

<sup>2</sup> Plusieurs nouvelles espèces de caméléons (d'anciennes sous-espèces élevées au rang de l'espèce) mentionnées par NECAS, PETR (1999) [Chameleons – Nature's Hidden Jewels. Edition Chimaira, Frankfurt; 348 pp.] n'ont pas été incluses dans ce tableau car cette publication ne présente pas de révision taxonomique des taxons concernés.

|                                   |   |  |
|-----------------------------------|---|--|
| <i>Chamaeleo narraioca</i>        | NECAS, MODRY & SLAPETA (2003)   | Nouvelle espèce du complexe<br><i>Chamaeleo bitaenius</i>  |
| <i>Chamaeleo necasi</i>           | ULLENBRUCH, KRAUSE & BÖHME (2007)                                     | Nouvelle espèce appartenant au groupe<br><i>Chamaeleo dilepis</i>  |
| <i>Chamaeleo ntunte</i>           | NECAS, MODRY & SLAPETA (2005)   | Nouvelle espèce du complexe<br><i>Chamaeleo bitaenius</i>  |
| <i>Kinyongia adolfifrigerici</i>  | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia boehmei</i>          | TILBURY, TOLLEY & BRANCH (2006)<br>MARIAUX, LUTZMANN & STIPALA (2008) | Changement à partir du genre<br><i>Bradypodion tavetanum</i> et nouvelle espèce séparée de ce genre          |
| <i>Kinyongia carpenteri</i>       | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia excubitor</i>        | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i> et nouvelle espèce séparée de <i>B. fisheri</i>           |
| <i>Kinyongia fischeri</i>         | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia matschiei</i>        | TILBURY, TOLLEY & BRANCH (2006)<br>MARIAUX, LUTZMANN & STIPALA (2008) | Changement à partir du genre<br><i>Bradypodion</i> et nouvelle espèce séparée de <i>B. fischeri fischeri</i> |
| <i>Kinyongia multituberculata</i> | TILBURY, TOLLEY & BRANCH (2006)<br>MARIAUX, LUTZMANN & STIPALA (2008) | Changement à partir du genre<br><i>Bradypodion</i> et nouvelle espèce séparée de <i>B. fisheri</i>           |
| <i>Kinyongia oxyrhina</i>         | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia tavetana</i>         | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia tenue</i>            | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i> et changement d'orthographe                               |
| <i>Kinyongia ulugurensis</i>      | TILBURY, TOLLEY & BRANCH (2006)<br>MARIAUX, LUTZMANN & STIPALA (2008) | Changement à partir du genre<br><i>Bradypodion</i> et nouvelle espèce séparée de <i>B. fischeri fischeri</i> |
| <i>Kinyongia uthmoelleri</i>      | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Kinyongia vosseleri</i>        | MARIAUX, LUTZMANN & STIPALA (2008)                                    | Changement à partir du genre<br><i>Bradypodion</i> et nouvelle espèce séparée de <i>B. fischeri fischeri</i> |
| <i>Kinyongia xenorhina</i>        | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>Nadzikambia mlanjense</i>      | TILBURY, TOLLEY & BRANCH (2006)                                       | Changement à partir du genre<br><i>Bradypodion</i>   |
| <i>GEKKONIDAE</i>                 |   |  |
| <i>Phelsuma inexpectata</i>       | AUSTIN, ARNOLD & JONES (2004)   | Nouvelle espèce séparée de <i>Phelsuma ornata</i>  |
| <i>Phelsuma kely</i>              | SCHÖNECKER, BACH & GLAW (2004)  | Nouvelle espèce  |
| <i>Phelsuma ravenala</i>          | RAXWORTHY, INGRAM, RABIBISOA & PEARSON (2007)                         | Nouvelle espèce  |
| <i>Phelsuma rosangularis</i>      | AUSTIN, ARNOLD & JONES (2004)   | Nouvelle espèce séparée de <i>Phelsuma guimbeau</i>  |

|                                 |  |  |
|---------------------------------|--|--|
| <i>Phelsuma vanheygeni</i>      | LERNER 2004                                | Nouvelle espèce  |
| <i>Uroplatus giganteus</i>      | GLAW, KOSUCH, HENKEL, SOUND & BÖHME (2006) | Nouvelle espèce  |
| IGUANIDAE                       |  |  |
| <i>Brachylophus bulabula</i>    | KEOGH, EDWARDS, FISHER & HARLOW (2008)     | Nouvelle espèce séparée de <i>Brachylophus fasciatus</i> |
| <i>Phrynosoma blainvillii</i>   | MONTANUCCI (2004)                          | Séparée de <i>P. coronatum</i>                           |
| <i>Phrynosoma cerroense</i>     | MONTANUCCI (2004)                          | Séparée de <i>P. coronatum</i>                           |
| <i>Phrynosoma wigginsi</i>      | MONTANUCCI (2004)                          | Nouvelle espèce  |
| TEIIDAE                         |  |  |
| <i>Tupinambis cerradensis</i>   |  | Lumped with <i>T. quadrilineatus</i>                     |
| <i>Tupinambis duseni</i>        | FITZGERALD, COOK & LUZ AQUINO (1999)       | Nouvelle espèce séparée de <i>Tupinambis rufescens</i>   |
| VARANIDAE                       |  |  |
| <i>Varanus beccarii</i>         | ZIEGLER, SCHMITZ, KOCH & BÖHME (2007)      | Nouvelle espèce séparée de <i>Varanus prasinus</i>       |
| <i>Varanus bushii</i>           | APLIN, FITCH & KING (2006)                 | Nouvelle espèce  |
| <i>Varanus cumingi</i>          | KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007) | Nouvelle espèce séparée de <i>Varanus salvator</i>       |
| <i>Varanus marmoratus</i>       | KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007) | Nouvelle espèce séparée de <i>Varanus salvator</i>       |
| <i>Varanus nuchalis</i>         | KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007) | Nouvelle espèce séparée de <i>Varanus salvator</i>       |
| <i>Varanus rainerguentheri</i>  | ZIEGLER, BÖHME & SCHMITZ (2007)            | Nouvelle espèce du complexe <i>Varanus indicus</i>       |
| <i>Varanus reisingeri</i>       | EIDENMÜLLER & WICKER (2005)                | Nouvelle espèce du complexe <i>Varanus prasinus</i>      |
| <i>Varanus togianus</i>         | KOCH, AULIYA, SCHMITZ, KUCH & BÖHME (2007) | Nouvelle espèce séparée de <i>Varanus salvator</i>       |
| <i>Varanus zugorum</i>          | BÖHME & ZIEGLER (2005)                     | Nouvelle espèce  |
| SERPENTES                       |  |  |
| PYTHONIDAE                      |  |  |
| <i>Morelia macbyrnei</i>        | HOSER (2003)                               | Nouvelle espèce  |
| <i>Morelia mippughae</i>        | HOSER (2003)                               | Nouvelle espèce  |
| <i>Python natalensis</i>        | BROADLEY (1999)                            | Séparée de <i>P. sebae</i>                               |
| TROPIDOPHIIDAE                  |  |  |
| <i>Tropidophis xanthogaster</i> | DOMINGUEZ, MORENO & HEDGES (2006)          | Nouvelle espèce  |
| TESTUDINES                      |  |  |
| TESTUDINIDAE                    |  |  |
| <i>Homopus solus</i>            | BRANCH (2007)                              | Nouvelle espèce  |

## Références

- APLIN, K.P., FITCH, A.J. & KING, D.J. (2006): A new species of *Varanus* Merrem (Squamata: Varanidae) from the Pilbara region of Western Australia, with observations on sexual dimorphism in closely related species. – Zootaxa, 1313: 1-38.
- AUSTIN, J.J., ARNOLD, E.N. & JONES, C.G. (2004): Reconstructing an island radiation using ancient and recent DNA: the extinct and living day geckos (*Phelsuma*) of the Mascarene Islands. -- Molecular Phylogen. Evol., 31: 109-122.
- BÖHME, W. & ZIEGLER, T. (2005): A new monitor lizard from Halmahera, Moluccas, Indonesia (Reptilia: Squamata: Varanidae). – Salamandra, 41(1/2): 51-59.
- 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.
- BRANCH, W.R., TOLLEY, K.A. & TILBURY, C.R. (2006): A new Dwarf Chameleon (Sauria: *Bradypodion* Fitzinger, 1843) from the Cape Fold Mountains, South Africa. – Afr. J. Herpetol., 55(2): 123-141.
- BROADLEY, D. G. (1999): The southern African python, *Python natalensis* A. Smith 1840, is a valid species. – African Herp News 29: 31-32.
- 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.
- EIDENMÜLLER, B. & WICKER, R. (2004): Eine weitere neue Waranart aus dem *Varanus prasinus*-Komplex von der Insel Misol, Indonesien. – Sauria, 27(1): 3-8.
- FITZGERALD, L.A., COOK, J.A. & LUZ AQUINO, A. (1999): Molecular Phylogenetics and Conservation of *Tupinambis* (Sauria: Teiidae). – Copeia, 4: 894-905.
- GLAW, F., KOSUCH, J., HENKEL, W.F., SOUND, P. AND BÖHME, W. (2006): Genetic and morphological variation of the leaf-tailed gecko *Uroplatus fimbriatus* from Madagascar, with description of a new giant species. – Salamandra 42: 129-144.
- HOSER, R. (2003): Five new Australian pythons. – Newsletter of the Macarthur Herpetological Society 40: 4-9.
- KEOGH, J.S., EDWARDS, D.L., FISHER, R.N. & HARLOW, P.S. (2008): Molecular and morphological analysis of the critically endangered Fijian iguanas reveals cryptic diversity and a complex biogeographic history. – Phil. Trans. R. Soc. B, 363(1508): 3413-3426.
- KOCH, A., AULIYA, M., SCHMITZ, A., KUCH, U. & BÖHME, W. (2007): Morphological Studies on the Systematics of South East Asian Water Monitors (*Varanus salvator* Complex): Nominotypic Populations and Taxonomic Overview. – Mertensiella, 16: 109-180.
- LERNER, A. (2004): A new taxonomically isolated species of the genus *Phelsuma* GRAY, 1825 from the Ampasindava peninsula, Madagascar. – Phelsuma, 12: 91-98.
- LUTZMANN, N. & LUTZMANN, H. (2004): Das grammatischen Geschlecht der Gattung *Calumma* (Chamaeleonidae) und die nötigen Anpassungen einiger Art- und Unterartbezeichnungen. – Reptilia (Münster) 9(4): 4-5 (Addendum in issue 5: 13)
- LUTZMANN, N. & NECAS, P. (2002): Zum Status von *Bradypodion tavetanum* (Steindachner 1891) aus den Taita Hills, Kenia, mit Beschreibung einer neuen Unterart (Reptilia: Sauria: Chamaeleonidae). – Salamandra 38 (1): 5-14.
- MARIAUX, J., LUTZMANN, N. & STIPALA, J. (2008): The two-horned chameleons of East Africa. – Zool. J. Linnean Soc., 152: 367-391.
- MONTANUCCI, R.R. (2004): Geographic variation in *Phrynosoma coronatum* (Lacertilia, Phrynosomatidae): further evidence for a peninsular archipelago. – Herpetologica, 60: 117-139.
- NECAS, P., MODRY, D. & SLAPETA, J.R. (2003): *Chamaeleo (Triceros) narraioca* n. sp. (Reptilia Chamaeleonidae), a new chameleon species from a relict montane forest of Mount Kulal, northern Kenya. – Tropical Zool., 16:1-12.
- NECAS, P., MODRY, D. & SLAPETA, J.R. (2005): *Chamaeleo (Triceros) ntunge* n. sp. a new chameleon species from Mt. Nyiru, northern Kenya (Squamata: Sauria: Chamaeleonidae). – Herpetozoa, 18/3/4): 125-132.
- RAW, L. & BROTHERS, D.J. (2008): Redescription of the South African dwarf chameleon, *Bradypodion nemorale* Raw 1978 (Sauria: Chamaeleonidae), and description of two new species. – ZooNova 1 (1): 1-7.
- APLIN, K.P., FITCH, A.J. & KING, D.J. (2006): A new species of *Varanus* Merrem (Squamata: Varanidae) from the Pilbara region of Western Australia, with observations on sexual dimorphism in closely related species. – Zootaxa, 1313: 1-38.
- AUSTIN, J.J., ARNOLD, E.N. & JONES, C.G. (2004): Reconstructing an island radiation using ancient and recent DNA: the extinct and living day geckos (*Phelsuma*) of the Mascarene Islands. -- Molecular Phylogen. Evol., 31: 109-122.

- BÖHME, W. & ZIEGLER, T. (2005): A new monitor lizard from Halmahera, Moluccas, Indonesia (Reptilia: Squamata: Varanidae). – *Salamandra*, 41(1/2): 51-59.
- BRANCH, W.R., TOLLEY, K.A. & TILBURY, C.R. (2006): A new Dwarf Chameleon (Sauria: *Bradypodion* Fitzinger, 1843) from the Cape Fold Mountains, South Africa. – *Afr. J. Herpetol.*, 55(2): 123-141.
- EIDENMÜLLER, B. & WICKER, R. (2004): Eine weitere neue Waranart aus dem *Varanus prasinus*-Komplex von der Insel Misol, Indonesien. – *Sauria*, 27(1): 3-8.
- FITZGERALD, L.A., COOK, J.A. & LUZ AQUINO, A. (1999): Molecular Phylogenetics and Conservation of *Tupinambis* (Sauria: Teiidae). – *Copeia*, 4: 894-905.
- KEOGH, J.S., EDWARDS, D.L., FISHER, R.N. & HARLOW, P.S. (2008): Molecular and morphological analysis of the critically endangered Fijian iguanas reveals cryptic diversity and a complex biogeographic history. – *Phil. Trans. R. Soc. B*, 363(1508): 3413-3426.
- KOCH, A., AULIYA, M., SCHMITZ, A., KUCH, U. & BÖHME, W. (2007): Morphological Studies on the Systematics of South East Asian Water Monitors (*Varanus salvator* Complex): Nominotypic Populations and Taxonomic Overview. – *Mertensiella*, 16: 109-180.
- LERNER, A. (2004): A new taxonomically isolated species of the genus *Phelsuma* GRAY, 1825 from the Ampasindava peninsula, Madagascar. – *Phelsuma*, 12: 91-98.
- MARIAUX, J., LUTZMANN, N. & STIPALA, J. (2008): The two-horned chameleons of East Africa. – *Zool. J. Linnean Soc.*, 152: 367-391.
- NECAS, P., MODRY, D. & SLAPETA, J.R. (2003): *Chamaeleo (Triceros) narraioca* n. sp. (Reptilia Chamaeleonidae), a new chameleon species from a relict montane forest of Mount Kulal, northern Kenya. – *Tropical Zool.*, 16:1-12.
- NECAS, P., MODRY, D. & SLAPETA, J.R. (2005): *Chamaeleo (Triceros) ntunte* n. sp. a new chameleon species from Mt. Nyiru, northern Kenya (Squamata: Sauria: Chamaeleonidae). – *Herpetozoa*, 18/3/4): 125-132.
- RAXWORTHY, C.J. & NUSSBAUM, R.A. (2006): Six new species of Occipital-Lobed *Calumma* Chameleons (Squamata: Chamaeleonidae) from Montane Regions of Madagascar, with a New Description and Revision of *Calumma brevicorne*. – *Copeia*, 4: 711-734.
- RAXWORTHY, C.J., INGRAM, C.M., RABIBISOA, N. & PEARSON, R.G. (2007): Applications of Ecological Niche Modeling for Species Delimitation: A Review and Empirical Evaluation Using Day Geckos (*Phelsuma*) from Madagascar. – *Syst. Biology*, 56: 907-923.
- SCHÖNECKER, P., BACH, S. & GLAW, F. (2004): Eine neue Taggecko-Art der Gattung *Phelsuma* aus Ost-Madagaskar (Reptilia: Squamata: Gekkonidae). – *Salamandra*, 40(2): 105-112.
- TILBURY, C.R., TOLLEY, K.A. & BRANCH, W.R. (2006): A review of the systematics of the genus *Bradypodion* (Sauria: Chamaeleonidae), with the description of two new genera. – *Zootaxa*, 1363: 23-38.
- TOLLEY, K.A., TILBURY, C.R., BRANCH, W.R. & MATHEE, C.A. (2004): Phylogenetics of the southern African dwarf chameleons, *Bradypodion* (Squamata: Chamaeleonidae). – *Molecular Phylogen. Evol.*, 30: 354-365.
- Ullenbruch, K., Krause, P. & Böhme, W. (2007): A new species of the *Chamaeleo dilepis* group (Sauria Chamaeleonidae) from West Africa. – *Tropical Zool.*, 20: 1-17.
- WILMS, T.M. & SCHMITZ, A. (2007): A new polytypic species of the genus *Uromastyx* MERREM 1820 (Reptilia: Squamata: Agamidae: Leiolepidinae) from southwestern Arabia. – *Zootaxa*, 1394: 1-23.
- ZIEGLER, T., BÖHME, W. & SCHMITZ, A. (2007): A new species of the *Varanus indicus* group (Squamata, Varanidae) from Halmahera Island, Moluccas: morphological and molecular evidence. – *Mitt. Mus. Naturkunde Berlin, Zool. Reihe*, 83 (supplement): 109-119.
- ZIEGLER, T., SCHMITZ, A., KOCH, A. & BÖHME, W. (2007): A review of the subgenus *Euprepiosaurus* of *Varanus* (Squamata: Varanidae): morphological and molecular phylogeny, distribution and zoogeography, with an identification key for the members of the *V. indicus* and the *V. prasinus* group.

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

**February, 2009**

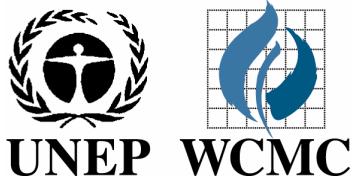
**A report to the European Commission  
Directorate General E - Environment  
ENV.E.2. – Environmental Agreements and Trade**



**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>                        |                            |  |
| <b>BUFONIDAE</b>                    |                            |  |
| <i>Cranopsis periglenes</i>         | Frost <i>et al.</i> (2006) | Generic change from <i>Bufo</i>  |
| <i>Altiphrynoidea osgoodi</i>       | Frost <i>et al.</i> (2006) | Generic change from <i>Spinophrynoidea</i>                                   |
| <i>Amietophrynuus superciliaris</i> | Frost <i>et al.</i> (2006) | Generic change from <i>Bufo</i>  |
| <b>AROMOBATIDAE</b>                 |                            |  |
| <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   |
| <b>DENDROBATIDAE</b>                |                            |  |
| <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 boliviensis</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 ebenaui</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  |

| Species name  | References  | Comments on origin: lumping, splitting, new name, new genus                      |
|---|---|--|
| <i>Hippocampus procerus</i>                           | Froese & Pauly (2008)   | Split from <i>H. whitei</i>  |
| <b><u>ARTHROPODA</u></b>                              |   |  |
| <b>ARACHNIDA</b>                                      |   |  |
| <b>ARANEAE</b>  |   |  |
| <b>THERAPHOSIDAE</b>                                  |   |  |
| <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  |
| <b>INSECTA</b>  |   |  |
| <b>COLEOPTERA</b>                                     |   |  |
| <b>LUCANIDAE</b>                                      |   |  |
| <i>Colophon endroedyi</i>                             | Bartolozzi (2005)   | New species  |
| <b>LEPIDOPTERA</b>                                    |   |  |
| <b>PAPILIONIDAE</b>                                   |   |  |
| <i>Ornithoptera euphorion</i>                         | d'Abrera (2003)   | Split from <i>O. priamus</i>   |
| <i>Troides celebensis</i>                             | d'Abrera (2003)   | Split from <i>T. criton</i> (or possibly a hybrid)                               |
| <b>ANNELIDA</b>                                       |   |  |
| <b>HIRUDINOIDEA</b>                                   |   |  |
| <b>ARHYNCHOBDELLIDA</b>                               |   |  |
| <b>HIRUDINIDAE</b>                                    |   |  |
| <i>Hirudo verbana</i>                                 | Nesemann & Neubert (1999), Trontelj <i>et al.</i> (2004), Trontelj & Utevsky (2005) | Split from <i>H. medicinalis</i>   |
| <b>CNIDARIA</b>                                       |   |  |
| <b>ANTHOZOA</b>                                       |   |  |
| <b>ANTIPATHARIA</b>                                   |   |  |
| <b>CLADOPATHIDAE</b>                                  |   |  |
| <i>Chrysopathes micracantha</i>                       | Opresco & de Laia Loiola (2008)   | New species  |
| <i>Chrysopathes oligocrada</i>                        | Opresco & de Laia Loiola (2008)   | New species  |
| <b>SCLERACTINIA</b>                                   |   |  |
| <b>PORITIDAE</b>                                      |   |  |
| <i>Machadoporites</i>                                 | Nemésio (2005)  | Replacement name for <i>Calathiscus</i> Claereboudt & Al-Amri, 2004, preoccupied |

## References

- Bartolozzi, L. (2005) Description of two new stag beetle species from South Africa (Coleoptera: Lucanidae). *African Entomology* 13(2): 347-352.
- Bauer, L. (1986) A new genus and a new specific name in the dart poison frog family (Dendrobatidae, Anura, Amphibia). *R/PA November, 1986*: 1-12.
- Bernal, M. H., Luna-Mora, V. F., Gallego, O. & Quevedo, A. (2007) A new species of poison frog (Amphibia: Dendrobatidae) from the Andean mountains of Tolima, Colombia. *Zootaxa* 1638: 59-68.
- Brown, J. L., Schulte, R. & Summers, K. (2006) A new species of *Dendrobates* (Anura: Dendrobatidae) from the Amazonian lowlands in Perú. *Zootaxa* 1152: 45-58. [published March 2006]
- Brown, J. L., Twomey, E., Pepper, M. & Rodriguez, M. S. (2008) Revision of the *Ranitomeya fantastica* species complex with description of two new species from Central Peru (Anura: Dendrobatidae). *Zootaxa* 1823: 1-24.
- d'Abrera, B. (2003) *Birdwing butterflies of the world*. Revised edition.
- Froese, R. & Pauly, D. (eds) (2008) FishBase. World Wide Web electronic publication. [www.fishbase.org](http://www.fishbase.org), version (11/2008).
- Frost, D. R., Grant, T., Faivovich, J., Bain, R. H., Haas, A., Haddad, C. F. B., de Sá, R. O., Channing, A., Wilkinson, M., Donnellan, S. C., Raxworthy, C. J., Campbell, J. A., Blotto, B. L., Moler, P., Drewes, R. C., Nussbaum, R. A., Lynch, J. D., Green, D. M. & Wheeler, W. C. (2006) The amphibian tree of life. *Bulletin of the American Museum of Natural History* 297: 370 pp.
- Glaw, F. & Vences, M. (2006) Phylogeny and genus-level classification of mantellid frogs (Amphibia, Anura). *Organisms, Diversity & Evolution* 6: 236-253.
- Grant, T., Frost, D. R., Caldwell, J. P., Gagliardo, R., Haddad, C. F. B., Kok, P. J. R., Means, D. B., Noonan, B. P., Schargel, W. E. & Wheeler, W. C. (2006) Phylogenetic systematics of dart-poison frogs and their relatives (Amphibia: Athesphatanura: Dendrobatidae). *Bulletin of the American Museum of Natural History* 299: 262 pp.
- Jungfer, K.-H. & Böhme, W. (2004) A new poison-dart frog (*Dendrobates*) from northern central Guyana (Amphibia: Anura: Dendrobatidae). *Salamandra* 40(2): 99-104.
- Locht, A., Medina, F., Rojo, R. & Vázquez, I. (2005) Una nueva especie de tarántula del género *Aphonopelma* Pocock 1901 (Araneae, Theraphosidae, Theraphosinae) de México con notas sobre el género *Brachypelma* Simon 1891. *Bol. Soc. ent. Aragonesa* 37: 105-108.
- Lötters, S., Schmitz, A. & Reichle, S. (2006) A new cryptic species of poison frog from the Bolivian Yungas. *Herpetozoa* 18: 115-124.
- Mueses-Cisneros, J. J., Cepeda-Quilindo, B. & Moreno-Quintero, V. (2008) Una nueva especies de *Epipedobates* (Anura: Dendrobatidae) de suroccidente de Colombia. *Pap. Avulsos Zool. Mus. Zool. San Paulo* 48:1-10.
- Nemésio, A. (2005) *Machadoporites* (Coelenterata: Scleractinia), a new generic name for *Calathiscus* Claereboudt & Al-Amri. *Lundiana* 6 (supplement): 59.
- Nesemann, H. & Neubert, E. (1999) Annelida: Clitellata: Branchiobdellida, Acanthobdellea, Hirudinea. Spektrum, Berlin.
- Opresco, D. M. & de Laia Loiola, L. (2008) Two new species of *Chrysopathes* (Cnidaria: Anthozoa: Antipatharia) from the Western Atlantic. *Zootaxa* 1707: 49-59.
- 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.
- Platnick, N. I. (2009) The World Spider Catalog, Version 9.5. <http://research.amnh.org/entomology/spiders/catalog/> Downloaded 5 February 2009
- Pouyaud, L., Sudarto & Teugels, G. G. (2003) The different colour varieties of the Asian Arowana *Scleropages formosus* (Osteoglossidae) are distinct species: morphologic and genetic evidences. *Cybium* 27: 287-305.

Rudloff, J.-P. (2008) Eine neue *Brachypelma*-Art aus Mexiko (Araneae: Mygalomorphae: Theraphosidae: Theraphosinae). *Arthropoda* 16(2): 26-30.

Rueda-Almonacid, J. V., Rada, M., Sánchez-Pacheco, S. J., Velásquez-Álvarez, A. A. & Quevedo, A. (2006) Two new and exceptional poison dart frogs of the genus *Dendrobates* (Anura: Dendrobatidae) from the northeastern flank of the cordillera Central of Colombia. *Zootaxa* 1259: 39-54. [published 14 July 2006]

**Trontelj, P., Sotler, M. & Verovnik, R. (2004) Genetic differentiation between two species of the medicinal leech, *Hirudo medicinalis* and the neglected *H. verbana*, based on random-amplified polymorphic DNA. Parasitol. Res. 94: 118-124. [http://people.freenet.de/hirudinea/Parasitol\\_Res04.pdf](http://people.freenet.de/hirudinea/Parasitol_Res04.pdf)**

Trontelj, P. & Utevsky, S. Y. (2005) Celebrity with a neglected taxonomy: molecular systematics of the medicinal leech (genus *Hirudo*). *Molecular Phylogenetics and Evolution* 34: 616-624.

Twomey, E. & Brown, J. L. (2008a) A partial revision of the *Ameerega hahneli* complex (Anura: Dendrobatidae) and a new cryptic species from the East-Andean versant of Central Peru. *Zootaxa* 1757: 49-65.

Twomey, E. & Brown, J. L. (2008b) Spotted poison frogs: rediscovery of a lost species and a new genus (Anura: Dendrobatidae) from northwestern Peru. *Herpetologica* 64: 121-137.