

Proposed New CITES Standard References for Nomenclature of Birds (Class Aves)
Report of the Consultant
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Introduction

Avian taxonomy has undergone a sea change since the publication of the 3rd edition of the Howard and Moore checklist of the birds of the world (Dickinson, 2003; hereafter H&M3). As the editors point out in the introduction (p. xi) to Volume 1 of the 4th edition of that checklist (Dickinson and Christidis (eds), 2013 (v. 1, Non-Passerines), 2014 (v. 2, Passerines); hereafter H&M4):

“The explosion of research on the phylogeny of birds in the last decade, more than in any other in history, has led to dramatic changes in our understanding of the relationships among birds. This revolution means that the classification in H&M3 is not just badly out of date but in many places virtually obsolete. From relationships among orders of birds, to composition of families and genera, to many revelations of hidden species diversity, the classification of birds of the world has undergone major changes. This explosion has been ignited by the widespread use of techniques, particularly DNA sequencing, that allow direct assessment of the genetic signature of the phylogeny of birds.”

These comments are even more relevant to the nomenclature of birds used in CITES, which still relies on a standard reference from 1975 for the names of orders and families and on another dating from 1997 for the treatment of some species of Psittaciformes.

At CoP 17, the Parties adopted Decision 17.311, directing the Secretariat to:

- a) subject to the availability of funds, commission an analysis of the implications of adopting a new standard nomenclature reference for birds at the family and order level, taking into account the 3rd and 4th editions of The Howard & Moore complete checklist of the birds of the world, and the non-passerine and passerine volume of the HBW and BirdLife International illustrated checklist of the birds of the world as well as the Animals Committee discussion regarding a new nomenclature standard reference for birds at the genus and species levels; and*
- b) report back the results to the Animals Committee.*

The present report presents the results of the analysis called for in Decision 17.311. In addition to comparing the publications referred to in the Decision at order, family, genus and species levels, the consultant also examined the other standard references for birds

listed in the Annex to Res. Conf. 12.11 (Rev. CoP 17) on *Standard Nomenclature* as well as recent taxonomic revisions and descriptions of new species of birds not addressed in either H&M4 or the HBW/Birdlife checklist (del Hoyo and Collar, 2014 (v. 1, Non-Passerines), 2016 (v. 2, Passerines); hereafter HBW/BI), for which the Parties may wish to adopt additional standard references in future. Potential nomenclatural changes to the CITES Appendices based on the references referred to in Decision 17.311 have already been summarized by UNEP-WCMC in AC 27 Doc. 25.1 (Annex 3), AC 28 Doc. 21.1 (Annex 9) and AC 30 Doc. 32 (Annex 2) (UNEP-WCMC, 2014, 2015, and 2018 respectively). These publications also include species not listed on the CITES Appendices but included in the Annex to the EU CITES regulation, and those species are omitted here.

Adopting either H&M4 or HBW/BI as the new standard reference for birds will necessitate a large number of changes from current CITES nomenclature in both the Appendices as well as the Checklist of Species / SpeciesPlus. Table 3 presents a full annotated list of all bird species currently included in the Appendices to CITES (i.e., based on the sum total of nomenclatural standard references adopted at CoP17), arranged alphabetically by order, family and species names as given in Species+, with the names used for these taxa in H&M4 and HBW/BI and notes indicating standard references for names in Species+ that differ from those used in H&M3. Table 2 presents a summary table showing the analogous information for higher taxon levels only. In both tables 2 and 3 names have been highlighted to indicate both changes between H&M4 and HBW/BI and the names currently in use and differences in treatment between H&M4 and HBW/BI.

Differences in Taxonomic Approach between H&M4 and HBW/BI

Although H&M4 and HBW/BI are largely in agreement on classification at order, family and, to a lesser extent, genus levels they differ considerably in their approach to species, with HBW/BI recognizing many species ‘splits’ that are not recognized in H&M4. In part, as HBW/BI is a slightly more recent publication than H&M4, this may reflect a growing trend towards increased splitting of species in ornithological taxonomic research, a trend that has continued since the publication of the last volume of HBW/BI (see below). However, there are also conceptual differences in approach between the two checklists, and it is worthwhile to examine briefly the nature of the differences between the two, as explained at length in their introductions.

H&M4 is avowedly conservative:

“Although many of these opinions [on bird relationships], typically from astute field ornithologists, will sooner or later be shown to be correct, our conservative approach is to wait until actual data or explicit rationale has been published in technical literature. Even the technical literature often contains results that, in our opinion, require independent confirmation, particularly if based on small sample sizes with respect to genes, populations, or taxa.” (Introduction to v. 1, p. xi)

In its approach to species-level classification, H&M4 adopts the Biological Species Concept (BSC), based on a determination as to whether two populations have reached a threshold of difference at which they can no longer freely exchange genes, noting that *“Assessing whether allopatric populations have reached that threshold will never be a completely satisfactory exercise but at least is amenable to experimental evidence”* (Introduction to v. 1, p. xiv). The editors specifically reject the Phylogenetic Species Concept (PSC), based on minimum diagnosable units, noting that their definition of subspecies is essentially identical to the definition of species used in the PSC.

HBW/BI, by contrast, takes a more radical approach, motivated in part by conservation concerns:

“Given that conservation very largely takes the species as its unit of concern, and that the future of many taxa might in part depend on their recognition or not as species... it has been increasingly frustrating to have to wait — frequently in vain — for authoritative decisions from other sources over whether form A or form B is a species or subspecies.” (Introduction to v.1, pp. 19-20)

In a lengthy and extensively illustrated introduction, the authors of HBW/BI review the history of the BSC, PSC and other approaches, pointing out the weaknesses and difficulties of relying exclusively on each. Instead, they adopt a series of quantitative criteria for assessing species rank (the ‘Tobias criteria’) developed by Birdlife International (Tobias et al., 2010):

“We calculated mean levels of differentiation in multiple phenotypic characters — including biometrics, plumage and voice — for 58 sympatric or parapatric species-pairs from 29 avian families. We then used estimates of mean divergence to develop criteria for species delimitation based on data-driven thresholds. Preliminary tests show that these criteria result in relatively few changes to avian taxonomy in Europe, yet are capable of extensive reassignment of species limits in poorly known tropical regions. While we recognize that species limits are in many cases inherently arbitrary, we argue that our system can be applied to the global avifauna to deliver taxonomic decisions with a high level of objectivity, consistency and transparency.” (Tobias et al., 2010: Abstract)

Application of the Tobias criteria can provide a classification intermediate between those that would result from strict application of either the BSC or PSC. The authors of HBW/BI provide (Introduction to v.1, p. 32) an illustrated example of particular relevance to CITES, noting that strict application of the BSC to the *Trichoglossus haematodus* complex would result in recognition of a single polytypic species (although H&M4, which relies on the BSC, recognizes five) while strict application of the PSC would result in recognition of 21 monotypic species. Application of the Tobias criteria yields a classification of the complex into seven species, three of which are monotypic and four polytypic (see further discussion of this complex below).

The conservative approach in H&M4 mirrors that used for nomenclatural decisions within CITES. However, as the advantages of using HBW/BI, based both on its format and its adoption by the Convention on Migratory Species and other bodies (see below), are nonetheless considerable, Parties may feel that they outweigh the challenges that would be posed by the adoption of a more radical (though in places more up-to-date) treatment.

Practical Considerations: Psittaciformes

Although most of the species-level changes in both H&M4 and HBW/BI relate to species listed at the family level in the Appendices, Parties will still have to consider the implications of these changes for CITES implementation. This may be particularly relevant for Psittaciformes. Of the 30 species splits (including splits into multiple species) in Psittaciformes noted in Table 3, 17 are recognized in HBW/BI but not in H&M4. These include several that may have an impact on CITES implementation issues, including the split of *Psittacus erithacus* into two species, *P. erithacus* and *P. timneh*. In three cases for which splits in Psittaciformes are recognized in both references, HBW/BI recognizes more species than does H&M4 (for example, H&M4 splits *Pyrrhura picta* into four species while HBW/BI recognizes six). In only one case, that of *Pezoporus wallicus*, does H&M4 accept a split not recognized in HBW/BI.

Proposed splits in Psittaciformes were also an issue when H&M3 was adopted. The Nomenclature Committee, in its report to CoP13 (CoP13 Doc. 9.3.1), recommended that H&M3 not be adopted as the new standard reference for birds on the grounds that “A first analysis by UNEP-WCMC shows that adopting the Dickinson checklist would involve a very large number of changes which are not satisfactorily justified” (par. 37). By CoP14, the situation had changed following Decision 13.94, which required the Nomenclature Committee to propose both H&M3 and Dickinson (2005), its fourth set of corrigenda, as new species-level standard references for birds. The Committee, in what was to be its final report as an independent body (CoP14 Doc. 8.5 para. 10), noted with respect to Psittaciformes that:

“Information on necessary changes with regard to a possible adoption of these references were discussed at the 2006 meeting of the Nomenclature Committee and are available on the CITES website. According to Dickinson Psittacula intermedia has to be regarded as a hybrid between Psittacula cyanocephala and P. himalayana. However, adopting this view would create implementation problems under CITES. It is therefore proposed to keep the name of Psittacula intermedia under CITES. Dickinson splits the current species Trichoglossus haematodus into five species: haematodus, capistratus, forsteni, rubritorquis and weberi. There may be technical implementation problems with regard to this change. Specialists disagree on whether some of these taxa are easily identifiable by morphological means. In addition these taxa are not geographically distinct with regard to

the country of origin. Therefore it is proposed to keep the name of Trichoglossus haematodus in its current interpretation and still treat the taxa capistratus, forsteni, rubritorquis and weberi as subspecies.”

Specific issues regarding Psittaciformes will be discussed further below. In general, however, if the Parties choose to select HBW/BI over H&M4 as a general standard reference for birds, they may wish to consider other options for Psittaciformes if they have concerns about the number of newly-recognized species that would be recognized as a result. These could include:

1. *Adopting H&M4, which is more conservative in its taxonomic approach, as the standard reference for Psittaciformes.* This would reduce the number of splits in the family but would retain the five-way split of *Trichoglossus haematodus* that raised concerns at CoP14 (see discussion below).
2. *Retaining the existing set of standard references for Psittaciformes.* This could either be done as an interim measure or for the foreseeable future [in this context, it is worth noting that following CoP17, there are 8 additional standard references in effect that are specific to 10 species of Psittacidae].
3. *Retaining existing standard references only for certain species.* In particular, Parties may wish to retain Collar (1997) for the *Trichoglossus haematodus* complex and Coetzer et al. (2015) for *Poicephalus robustus* and *P. fuscicollis* (see below).
4. *Consider adopting another standard reference for Psittaciformes that is more recent than Collar (1997) but generally preserves a conservative taxonomic approach.* A possible candidate may be Forshaw (2006) (or its concise, field-guide format successor Forshaw (2010)). Forshaw (2006) was specifically designed, in part, “to meet the needs of... officials administering national or international conservation programs, including the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) (Preface, p. xi).” It shares with HBW/BI the advantage of coloured illustrations of each species and well-marked subspecies, and range maps for each species, but lacks detailed taxonomic notes.

The taxonomy used in Forshaw (2006) differs from that in both H&M4 and HBW/BI in recognizing only two psittaciform families, Cacatuidae and Psittacidae, and in retaining in their traditional genera many species transferred to other genera in both H&M4 and HBW/BI (e.g., retaining in *Aratinga* the New World conures transferred to *Eupsittula* and *Psittacara* in H&M4 and HBW/BI). In general the species-level classification in Forshaw (2006) matches that of the current Appendices where they differ from H&M4 and HBW/BI, with the following exceptions (7 splits, 1 lump, 1 species treated as a hybrid):

1. *Aratinga holochlora* is split into four species (*holochlora* (including ssp. *brewsteri*), *strenua*, *brevipes* and *rubritorquis*). Species+ and H&M4 treats these as a single species, while HBW/BI recognizes two, *holochlora* (as *Psittacara holochlorus*) and *rubritorquis*.

2. *Cyanorhamphus cooki* and *C. saissetti* are included in *C. novaezelandiae* (as in HBW/BI).
3. *Loriculus amabilis* is split into two species (*amabilis* and *sclateri* (including ssp. *ruber*)). This treatment is followed in both H&M4 and HBW/BI.
4. *Loriculus aurantiifrons* is split into two species (*aurantiifrons* (including ssp. *batavorum* and *meeki*) and *tener*). This treatment is followed in both H&M4 and HBW/BI.
5. *Pionus tumultuosus* is split into two species (*tumultuosus* and *seniloides*). This treatment is followed in HBW/BI.
6. *Prioniturus montanus* is split into two species (*montanus* and *waterstradti* (including ssp. *malindangensis*)). This treatment is followed in both H&M4 and HBW/BI.
7. *Psittacula intermedia* is listed and illustrated (as "*Psittacula intermedia*") but is treated as a hybrid.
8. *Pyrrhura leucotis* is split into two species (*leucotis* and *emma* (including ssp. *auricularis*)). This treatment is followed in HBW/BI.
9. *Pyrrhura picta* is split into six species (*picta*, *amazonum* (including ssp. *microtera*), *lucianii*, *peruviana*, *snethlageae* and *roseifrons*). This treatment (with some differences at the subspecies level) is followed in HBW/BI; H&M4 recognizes four species (*picta*, *amazonum*, *lucianii*, and *roseifrons*).

In addition, *Pyrrhura parvifrons*, described in 2008, is listed in Forshaw (2010) but not in Forshaw (2006). This species is included in Species+; the Parties have adopted Arndt (2008) as a standard reference. Note also that if Forshaw (2006) were to be adopted, Coetzer et al. (2015) would have to be retained as a standard reference if Parties wish to preserve the split between *Poicephalus robustus* and *P. fuscicollis*.

Specific Nomenclatural Issues

Order and Family Names: H&M3 did not include names at the ordinal level. For order and family-level names, the standard reference is Morony, Bock and Farrand (1975). These authors' treatment of orders and families is now widely regarded as obsolete and not reflective of our current knowledge of bird relationships (e.g. the species listed in the family Muscicapidae in the current Appendices are now known to belong to a number of different families, some of which are only distantly related to each other). This has been the case for almost two decades; H&M3 already recognized a number of family changes that are followed in H&M4 and HBW/BI (e.g. the removal of the genera *Cnemophilus* and *Loboparadisea* from the Paradisaeidae to a new and unrelated family, Cnemophilidae). As both H&M4 and HBW/BI include order-level names, there is no reason to retain Morony, Bock and Farrand (1975) as a standard reference, and indeed it would be confusing to do so. However, Parties should be aware moving to a more modern classification will require numerous higher-level changes. In particular, the listing in Appendix II of the order Falconiformes (as Falconiformes spp.) will have to be changed into separate listings for the

new order Accipitriformes and for the redefined order Falconiformes, containing only the family Falconidae, which is now understood to be related to Psittaciformes and Passeriformes rather than to the other diurnal birds of prey.

***Tauraco* spp.:** The genus *Tauraco* is included in the Appendices as a higher taxon listing. Both H&M4 and HBW/BI, however, transfer the species *porphyreolophus* to the genus *Gallirex*, which includes one other species, *G. johnstonei*, not listed in the Appendices. As the species *porphyreolophus* remains in the Appendices despite this nomenclatural change, adoption of either reference will require that *Gallirex porphyreolophus* be listed at the species level. In addition, H&M4 (but not HBW/BI) transfers the two species in the genus *Musophaga*, *M. rossae* and *M. violacea*, to *Tauraco*. As neither of these species is currently listed in the Appendices, if H&M4 is adopted the listing for *Tauraco* spp. will have to be amended to indicate that *rossae* and *violacea* are excluded. The Nomenclature Specialist (Fauna) has expressed the view that these changes are editorial in nature and will not require separate listing proposals.

***Trichoglossus haematodus* complex:** Collar's treatment of Psittaciformes in the print version of HBW (Collar 1997) was retained as the standard reference for *Trichoglossus haematodus* to avoid the treatment in H&M3, which split this taxon into five species (*T. capistratus*, *T. forsteni*, *T. haematodus*, *T. rubritorquis* and *T. weberi*) (see discussion above). However, both of the proposed standard references also split *T. haematodus* into several species. H&M4 follows the species-level treatment in H&M3, recognizing five species, while HBW/BI, as noted previously, splits *T. haematodus* into seven species (*T. capistratus*, *T. forsteni*, *T. haematodus*, *T. moluccanus*, *T. rosenbergii*, *T. rubritorquis* and *T. weberi*). Parties will have to decide whether they now wish to accept the splits in this complex, to retain the existing standard reference (noting that the current reference for *T. haematodus* is now over twenty years old and has been superseded in the online version of HBW by the classification in HBW/BI), or to adopt a more recent but conservative reference such as Forshaw (2006 or 2010), which continues to recognize only a single species, *T. haematodus*.

***Amazona oratrix*:** Currently *Amazona oratrix* is listed on Appendix I while the closely related *A. ochrocephala* is listed on Appendix II. In H&M3, the subspecies *magna*, which ranges from Tamaulipas to Tabasco in eastern Mexico, was included in *ochrocephala* although it is widely separated in range from the other races of that species and closely resembles *oratrix*, which otherwise occurs in western and southern Mexico and Belize. This may have been in error (presumably because *oratrix* and *ochrocephala* had previously been regarded as conspecific; see below), and no justification for the reassignment was given. Both H&M4 and HBW/BI transfer this population to *oratrix*. H&M4 retains *magna* as a subspecies of *oratrix*, and HBW/BI eliminates recognition of *magna* altogether, including the population within the nominate subspecies *A. o. oratrix*.

The potential problem for CITES is that transferring *magna* to *oratrix*, while undoubtedly correct, means that the (disputed) subspecies seems to have been shifted from a species on Appendix II to a species on Appendix I. However, it appears that, despite the arrangement in H&M3, *magna* should be considered as having been listed on Appendix I based on the intent of the original proposal. The proposal to list *A. oratrix* on Appendix I, submitted by Mexico (Prop. 12.17), specifically includes *magna* as a race of *oratrix* and maps its

distribution on Figure 1 as part of the range of that species. Unfortunately the summary document on *Amendments to the Appendices adopted at CoP12*¹ fails to mention *magna*, listing only the subspecies *auropalliata*, *belizensis*, *caribaea*, *oratrix*, *parvipes* and *tresmariasae* as having been transferred to Appendix I. Further, it treats all of these subspecies as races of *A. ochrocephala* rather than of *A. oratrix*. This presumably reflects that fact that Collar (1997) was adopted at that meeting as the standard reference for Psittaciformes (CoP12 Doc. 10.3 (Rev. 1)). Collar (1997) treats *ochrocephala* and *oratrix* (with *A. auropalliata*) as conspecific under the name *Amazona ochrocephala* and omits *magna*, apparently merging it with nominate *oratrix* whose range is given as “Pacific and Atlantic lowlands of Mexico” (p. 473). Forshaw (2006) also follows this treatment. Species+ currently lists both *Amazona ochrocephala magna* and *Amazona oratrix magna* as synonyms of *Amazona oratrix*. Hence, regardless of the trajectory taken, the population at one time referred to as *magna* is currently treated as part of *A. oratrix* and subject to Appendix I.

As noted above H&M3 was not adopted as the standard reference for birds until CoP14, and the implications of its erroneous treatment of *magna* appear to have escaped notice. In any event the adoption of either H&M4 or HBW/BI, or of Forshaw (2006), would reconfirm the existing practice and thus clear up this problem, assuming that it ever was a problem in the first place.

***Poicephalus robustus* and *P. fuscicollis*:** Until CoP17 the standard references adopted for Psittacidae had treated *Poicephalus robustus* as a single species with two subspecies, *P. r. robustus* and *P. r. fuscicollis*. At that meeting, based on a submission by South Africa (AC27 Doc. 25.2) recommended for adoption by the Animals Committee (CoP17 Doc. 81.1), the Parties adopted Coetzer et al. (2015), which recognized *Poicephalus robustus* and *P. fuscicollis* as separate species, as the standard reference for these taxa. However, both H&M4 and HBW/BI continue to regard *robustus* and *fuscicollis* as conspecific (but with *fuscicollis* as distinct and valid subspecies, alongside *P. r. suahelicus*).² If the Parties wish to retain the split between these taxa they may wish to retain Coetzer et al. (2015) as the standard reference for *robustus* and *fuscicollis* (see also the discussion of Forshaw (2006) above).

***Psittacula intermedia*:** As noted above, H&M3 treated *Psittacula intermedia* as a hybrid but the Parties decided at CoP14 not to follow this treatment. Currently the standard reference for *P. intermedia* is Collar (1997), which retains it as a good species. However, both H&M4 and HBW/BI, as well as Forshaw (2006), follow H&M3 in treating this taxon as of hybrid origin. The evidence supporting hybrid treatment appears to be strong (Rasmussen and Collar, 1999) and this treatment has been widely accepted. As very few specimens of *intermedia* are known the Parties may wish to reconsider the utility of continuing to recognize it as a separate species.

¹ https://cites.org/sites/default/files/eng/cop/12/Adopted_Amendments.pdf

² See discussion at <https://www.hbw.com/species/cape-parrot-poicephalus-robustus>

Further Standard References

In a few cases there may be a need to adopt new species-level standard references to reflect changes since the publication of H&M4 and HBW/BI. These include newly described bird species, proposed elevation of a number of subspecies to species rank, and one case of nomenclatural confusion that requires reassignment of a recognized name and recognition of a new species (see Table 1). The Parties may wish to consider drafting a Decision directing the Nomenclature Specialist of the Animals Committee to seek consideration whether any of the publications cited in Table 1 should be adopted at CoP19 as additional standard references for these species. In the consultant's opinion this is particularly important for *Lophorina* spp., *Megascops gilesi*, and *Oreotrochilus cyanolaemus*, for which the evidence of distinctiveness appears to be strong, and for the *Strix hadorami* / *Strix butleri* complex for which both H&M4 and HBW/BI preserve a serious nomenclatural error.

Notes on these some of these proposed species follow:

***Amazona gomezgarzai* (Psittacidae):** The validity of this newly-described taxon from the Yucatán Peninsula, Mexico, has been questioned (Escalante et al., 2017).

***Anthocephala berlepschi* (Trochilidae):** A proposed split from *A. floriceps*. See discussion at <http://www.museum.lsu.edu/~Remsen/SACCprop654.htm>.

***Campylopterus calcirupicola*, *C. diamentinensis*, *C. obscura* (Trochilidae):** *C. calcirupicola* is a new species described from Minas Gerais, Brazil. In the same paper (Lopes et al., 2017) the authors propose treating the subspecies of *C. largipennis* as separate species except for *C. l. aequatorialis*, which they treat provisionally as a subjective junior synonym of *obscura*. See discussion at <http://www.museum.lsu.edu/~Remsen/SACCprop756.htm>.

***Colibri cyanotus* (Trochilidae):** Remsen et al. (2015), in a broad study of the Polytminae, "propose that nominate [*Colibri*] *thalassinus* and the *cyanotus* group should be treated as separate species until data indicate otherwise". This split has been accepted by the American Ornithologists' Union (Chesser et al., 2016).

***Eugenes spectabilis* (Trochilidae):** This split has been accepted by the American Ornithologists' Union (Chesser et al., 2017).

***Lophorina niedda*, *Lophorina minor* (Paradisaeidae):** Splits resulting from a review of the genus on molecular, morphological and behavioural grounds. The separation of *L. niedda* has been supported by studies of its courtship displays (Scholes & Laman, 2018).

***Megascops gilesi* (Strigidae):** This taxon, which has awaited description for a number of years, was described from the Santa Marta Mountains in Colombia. It appears to be a distinctive new species with no close relatives within *Megascops*. See discussion at <http://www.museum.lsu.edu/~Remsen/SACCprop769.htm>.

***Northiella narethae* (Psittacidae):** A split based on a molecular study (Dolman & Joseph (2015)) showing that the isolated subspecies *narethae* from the Nullarbor Plains, Australia, is genetically distinct from all other populations of *N. haematogaster*.

***Ocreatus addae*, *Ocreatus annae*, *Ocreatus peruanus* (Trochilidae):** Split resulting from a review (Schuchmann et al., 2016) of the genus, recognizing *addae*, *annae*, and *peruanus* as monotypic species, with the subspecies *underwoodii*, *discifer*, *incommodus*, *melanantherus*, and *polystictus* retained within the polytypic *O. underwoodii*.

***Oreotrochilus cyanolaemus* (Trochilidae):** This new species, apparently endemic to the southwestern highlands of Ecuador, was described (Sornoza-Molina, 2018) on the basis of “striking” plumage differences from related species. It is probably closest to *O. stolzmanni*. The authors evaluate it as Critically Endangered based on its limited distribution and lack of protection of its habitat.

***Otus cyprius* (Strigidae):** The scops owl population of Cyprus is split off as an endemic species on the basis of plumage and vocalizations from the widespread *Otus scops*. See also Flint & Richardson (2017).

Strix ‘omanensis’ / *Strix hadorami* / *Strix butleri* (Strigidae): The names of the owls *Strix butleri* and the recently-described *S. omanensis*, both listed in HBW/BI, have been a source of confusion because of the uncertain provenance of the type specimen of *butleri* and the fact that *omanensis* was described based on photographs and recordings, without tangible specimen evidence (Brewer, 2018). *Strix butleri* is listed in H&M3 and H&M4, but *omanensis* was described too late to be included in these publications. Robb et al. (2015) were able to obtain a cytochrome *b* sequence from a presumed *omanensis* netted in Iran, and demonstrated that this was identical to a sequence from the type specimen of *butleri*. As a consequence the name *butleri* had to be shared with the population described as *omanensis*, while the population generally referred to as *butleri* required a new name. Kirwan et al. (2015) reviewed the entire complex, reserved the name *butleri* (with *omanensis* as a synonym) to the populations of Iran and the eastern Arabian Peninsula, and described the populations of the western parts of the Middle East formerly attributed to *S. butleri* as a new species, *S. hadorami*. This change has been adopted in the online version of HBW, which follows Kirwan et al. (2015) in assigning the name *hadorami* to the populations formerly known as *butleri* (Desert Tawny Owl) and *butleri* to the populations described as *omanensis* (Omani Owl). As this reflects a correction of a nomenclatural error, Parties may wish to adopt Kirwan et al. (2015) as a standard reference for *S. hadorami* and Robb et al. (2015) as a standard reference for *S. butleri*.

***Tyto furcata*, *Tyto javanica* (Tytonidae):** Aliabadian et al. (2016) propose splitting *Tyto alba* into three species, *T. alba* (Africa, Europe), *T. furcata* (New World), and *T. javanica* (Australasia), based on a phylogenetic and ecological review. This split has been supported in a recent molecular study (Uva et al., 2018).

Table 1. Newly described bird species and proposed species splits published after the cutoff dates for H&M4 and Volumes 1 and 2 of the HBW and BirdLife International Illustrated Checklist of the Birds of the World (staggered cutoff dates in early 2014 for HBW/BI Volume 1; 31 August 2016 for HBW/BI Volume 2; cutoff dates for H&M4 were earlier, in mid-2011 and 31 December 2013).

Family	Species	Proposed Change	Reference	Status in HBW Alive ³
Trochilidae	<i>Amazilia hoffmanni</i>	Split from <i>A. saucerrottei</i> / spelling of <i>saucerrottei</i> corrected (was <i>saucerrottei</i>)	Jiménez & Ornelas (2016)	Not discussed
Trochilidae	<i>Anthocephala berlepschi</i>	Split from <i>A. floriceps</i>	Lozano-Jamarillo et al. (2014)	Not discussed
Trochilidae	<i>Calliphlox lyrura</i>	Split from <i>C. evelynae</i>	Feo et al. (2015)	Not discussed
Trochilidae	<i>Campylopterus calcirupicola</i>	New species	Lopes et al. (2017)	Under review
Trochilidae	<i>Campylopterus diamantinensis</i>	Split from <i>C. largipennis</i>	Lopes et al. (2017)	Not discussed
Trochilidae	<i>Campylopterus obscura</i>	Split from <i>C. largipennis</i>	Lopes et al. (2017)	Not discussed
Trochilidae	<i>Colibri cyanotus</i>	Split from <i>C. thalassinus</i>	Remsen et al. (2015)	Not discussed
Trochilidae	<i>Eugenes spectabilis</i>	Split from <i>E. fulgens</i>	Zamudio-Beltrán & Nernández-Baños (2015)	Not discussed
Trochilidae	<i>Ocreatus addae</i>	Split from <i>O. underwoodii</i>	Schuchmann et al. (2016)	Not discussed
Trochilidae	<i>Ocreatus annae</i>	Split from <i>O. underwoodii</i>	Schuchmann et al. (2016)	Not discussed
Trochilidae	<i>Ocreatus peruanus</i>	Split from <i>O. underwoodii</i>	Schuchmann et al. (2016)	Not discussed
Trochilidae	<i>Oreotrochilus cyanolaemus</i>	New species	Sornoza-Molina (2018)	Under review
Paradisaeidae	<i>Lophorina minor</i>	Split from <i>L.</i>	Irestedt et al.	Not discussed

³ Retrieved 4 November 2018

Family	Species	Proposed Change	Reference	Status in HBW Alive ³
		<i>superba</i>	(2017)	
Paradisaeidae	<i>Lophorina niedda</i>	Split from <i>L. superba</i>	Irestedt et al. (2017)	Not discussed
Psittacidae	<i>Amazona gomezgarzai</i>	New species	Silva et al. (2017)	Under review
Psittacidae	<i>Northiella narethae</i>	Split from <i>N. haematogaster</i>	Dolman & Joseph (2015)	Not discussed
Psittacidae	<i>Pyrrhura chapmani</i>	Split from <i>P. melanura</i>	Donegan et al. (2016)	Not discussed
Strigidae	<i>Megascops gilesi</i>	New species	Krabbe (2017)	Under review
Strigidae	<i>Ninox fusca</i>	Split from <i>N. boobook</i>	Gwee et al. (2017)	Not discussed
Strigidae	<i>Ninox hantu</i>	Split from <i>N. squamipila</i>	Gwee et al. (2017)	Not discussed
Strigidae	<i>Ninox plesseni</i>	Split from <i>N. boobook</i>	Gwee et al. (2017)	Not discussed
Strigidae	<i>Ninox rotiensis</i>	Split from <i>N. boobook</i>	Gwee et al. (2017)	Not discussed
Strigidae	<i>Otus cyprius</i>	Split from <i>O. scops</i>	Flint et al. (2015)	Not discussed
Strigidae	<i>Strix 'omanensis' / Strix hadorami / Strix butleri</i>	Split and nomenclatural change	Kirwan et al. (2015) [<i>S. hadorami</i>]; Robb et al. (2015) [<i>S. butleri</i>]	<i>S. hadorami</i> adopted / <i>S. omanensis</i> synonymized with <i>S. butleri</i>
Tytonidae	<i>Tyto furcata</i>	Split from <i>T. alba</i>	Aliabadian et al. (2016)	Not discussed
Tytonidae	<i>Tyto javanica</i>	Split from <i>T. alba</i>	Aliabadian et al. (2016)	Not discussed

Comparative Features of H&M4 and HBW/BI

Both H&M4 and HBW/BI are authoritative checklists, each with their own advantages and disadvantages from a CITES perspective. In deciding which to adopt as CITES nomenclatural standard reference for birds, Parties may wish to take into account, in addition to their differences in taxonomic approach, other features of the two publications that may affect their usefulness.

Format and content: H&M4 and HBW/BI are each published in two hardcover volumes, with the first volume devoted to non-passerines (i.e., all birds not belonging to the order Passeriformes) and the second to passerines. Volume 1 of H&M4 contains 461 pages, with 752 pages in Volume 2. In addition, both H&M4 volumes come with a CD-ROM containing supplementary material, including (in v.2) a spreadsheet containing the full classification to subspecies level. The volumes of HBW/BI, with their added pictorial content, are considerably larger and heavier (903 + 1012 = 1915 pages, including 803 plates with 20919 colour illustrations). They are correspondingly more expensive; for comparison, the two-set volume of H&M4 can be purchased for about GBP 100, online, while both volumes of HBW/BI will cost about £350.00. Spreadsheet versions of the names used in each can be downloaded from the internet without charge, and in the case of HBW/BI can be searched without a subscription fee on the HBW Alive web site (see below).

H&M4: In addition to the main checklist, both volumes of H&M4 include an introduction, a chapter (by Joel Cracraft) on 'Avian higher-level relationships and classification', a Table of Contents including page references to past checklists (including H&M3), a statistical table giving numbers of genera, species and subspecies (including extinct taxa) included in each family, and appendices covering nomenclature of the higher classificatory ranks of birds (by Richard Schodde), matters of nomenclature and taxonomy, English names (by D.R. Wells, R.J. Dowsett and L. Svensson), variable species-group names and their gender endings (by Norman David and Michel Gosselin), as well as an index and list of references.

HBW/BI: Each volume of BI contains an introduction on taxonomic methods (34 pp. in v.1, 7 pp. in v.2), appendices covering extinct species, and a bibliography and index. Volume 1 also contains a series of reference maps. In their introduction, the authors of HBW/BI set out the features that make its approach unique (and, in the consultant's opinion, greatly increase its practical usefulness to the CITES Parties):

"This work has several features — other than the length of its introduction — that set it somewhat apart from other checklists. It illustrates each species in colour; it updates as accurately as space allows the written ranges of both species and subspecies, and provides a newly revised map; it gives French, German and Spanish as well as common alternative English names; and where appropriate it offers some information about the taxonomic relationships of particular species." (Introduction to v.1, p. 19)

HBW/BI therefore has, among other things, the ability to serve not only as a standard reference for nomenclature but to some extent as an identification manual and a useful source of information on species distribution, common names in all three official CITES languages, and the rationales for particular taxonomic decisions.

Presentation of the checklist: H&M4: H&M4, like H&M3, does not use taxa above the level of family in the main checklist; it does do so, however, in the Table of Contents. Each family entry is followed by numbers (in parentheses, separated by a colon) indicating the number of genera and species in each family. For polytypic species, subspecies are listed below each species name. Extinct taxa are indicated with a dagger symbol (†). A “v” indicates that the name is *variable*; that is, its ending will change depending on the gender of the genus it is assigned to. Footnotes at the bottom of each page provide taxonomic and other notes, but are not provided for every species. A sample entry illustrating the presentation format used (with footnotes) is as follows:

STRUTHIONIDAE, RHEIDAE, TINAMIDAE

STRUTHIONIDAE - OSTRICHES (1:2)

STRUTHIO Linnaeus, 1758 M – *Struthio camelus* Linnaeus, 1758; type by subsequent designation (G.R. Gray, 1840, A List of the Genera of Birds, p. 63).

Struthio camelus COMMON OSTRICH¹

†*syriacus* Rothschild, 1919
camelus Linnaeus, 1758²

massaicus Neumann, 1898
australis J.H. Gurney Sr., 1868

- v Syrian and Arabian deserts
S Morocco and Mauritania to Sudan, N and W Ethiopia, N
Uganda
- v S Kenya to C Tanzania
- v S Angola, Namibia, Botswana, SW Zimbabwe, W and N South
Africa

Struthio molybdophanes Reichenow, 1883 SOMALI OSTRICH³

Somalia, SE Ethiopia, N and E Kenya

¹ For suggested split of southern populations see Miller *et al.* (2011) [1656].

² Introduced (ssp *australis*) widely in South Africa, also Zambia (where wild populations extinct).

³ For treatment as an allospecies separate from *S. camelus*, see Freitag & Robinson (1993) [833].

HBW/BI: HBW/BI uses order-level names in the main checklist. Family-level English names are provided in the Table of Contents rather than in the main text. Entries are presented in double columns on the left-hand side of each double-page spread. On the right-hand side are coloured illustrations of each species and well-marked subspecies (mostly drawn from the *Handbook of the Birds of the World* (del Hoyo *et al.* (eds.), 1992-2013, hereafter HBW). IUCN Red List status is shown in colour-highlighted type and a reference is provided to the entry for each species in HBW. Detailed taxonomic notes are provided for each species entry. Sample spreads can be viewed on the publisher’s website⁴. The text for the entry on Struthionidae (footnotes, which link to references in the general bibliography, omitted) is as follows:

⁴ <https://www.lynxeds.com/product/hbw-and-birdlife-international-illustrated-checklist-birds-world-0>

Order STRUTHIONIFORMES

Family STRUTHIONIDAE

Genus *STRUTHIO*

Linnaeus, 1758

1. *Struthio camelus*

Common Ostrich **LC**

HBW 1: 83

French: Autruche d'Afrique / **German:** Strauß / **Spanish:** Avestruz común

Other common names: Ostrich (when lumped with *S. molybdophanes*)

Taxonomic notes. *Struthio camelus* Linnaeus, 1758, Syria, Arabia, Libya, Africa = Sennar (south-east Sudan). Previously considered conspecific with *S. molybdophanes*, but differs significantly in plumage and bare parts, genetically and behaviourally (see below). *S.* race *australis*, with bluish neck, sometimes suggested to be a separate species, but differences are less marked than those of *molybdophanes*, in addition to which it appears genetically very similar to nominate and especially *massaicus*⁴⁶³ 1836. Race *†syriacus* (Arabia), closely related to nominate¹⁰³⁶, extinct probably since 1960s. NW populations (Rio de Oro) previously separated in race *spatzii* on basis of different pattern and structure of pores in eggshells, but detected differences now attributed to individual variation^{1622, 211, 409}. Three extant subspecies recognized.

Subspecies and Distribution.

† *S. c. syriacus* Rothschild, 1919 – deserts of Syria and Arabia

• *S. c. camelus* Linnaeus, 1758 – W & S Sahara, and Sahel, from Mauritania E to Sudan and Eritrea, S to N Uganda.

• *S. c. massaicus* Neumann, 1898 – S Kenya S to Tanzania.

• *S. c. australis* Gurney, Sr, 1868 – S Angola E to Zimbabwe and S Mozambique, and S to W & N South Africa. Introduced to other parts of South Africa and locally in NW & SC Australia.

2. *Struthio molybdophanes*

Somali Ostrich **LC**

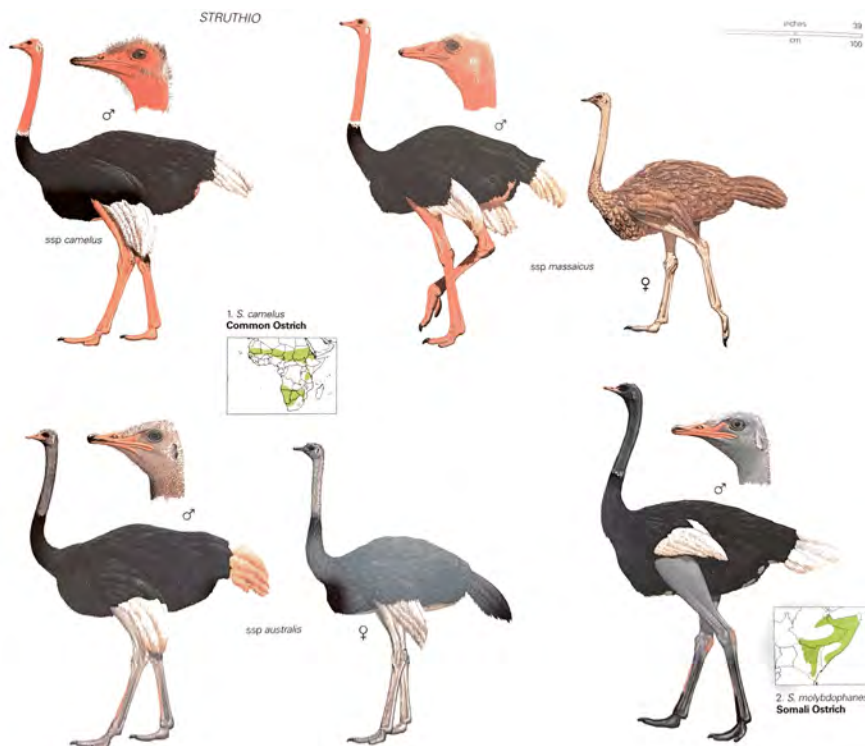
HBW 1: 83 as *Struthio camelus molybdophanes*

French: Autruche de Somalie / **German:** Somalistrauß / **Spanish:** Avestruz somali

Taxonomic notes. *Struthio molybdophanes* Reichenow, 1883, Somalia.

Long considered conspecific with *S. camelus*, but since turn of century commonly given species status, and this view accepted here on basis of strong grey-blue vs pink, reddish or pinkish-grey neck and legs (3); deeper black plumage (1); black scutes on lower tarsi (1); pale brownish-grey (or greyish-blue in female) vs dark brown eye (1); bare crown with raised horny hump (2); parapatric distribution with nominate *camelus* in Ethiopia⁶⁶ and evidently virtually so with *massaicus* in Kenya^{1716, 1829} (3). Genetic study⁶⁰³ also strongly supports this separation. Monotypic.

Distribution. S & SE Ethiopia, Djibouti and Somalia S to N & E Kenya.



Updates: H&M4: A fifth edition of the Howard and Moore Checklist is to be edited by Les Christidis and published under the auspices of the Trust for Avian Systematics, which owns the intellectual property involved in the work (E.C. Dickinson, *pers. comm. to R. Orenstein*, 8 November 2018). No publication date has been announced. A card in the back of v.1 of H&M4 refers to downloadable updates to the list, but these are no longer available on the website of Aves Press which will not be involved in the 5th edition. Instead, a separate website has been established on a site hosted by Bird Studies Canada (<https://www.howardandmoore.org/>, accessed 9 November 2018). A download page on this site (<https://www.howardandmoore.org/howard-and-moore-database/>) provides access to the database as published in H&M4 in MS Excel format (referred to as Version 4.0), errata and corrigenda for each volume in PDF format, and a revised version 4.1, also in MS Excel format, released in August 2018.

HBW/BI: In the introduction to v.1, the authors note that “...we expect there to be a number of revised editions of this checklist in the coming decades”. In the meantime, Birdlife International is maintaining a download page (<http://datazone.birdlife.org/species/taxonomy>) that provides Excel and PDF versions of the current checklist (names and associated information only, with links to Birdlife factsheets for each entry), PDF versions of the introductions to each volume, archives of versions of the Birdlife checklist including Version 2 (December 2017), listed (as of 10 November 2018) as the current version, and a list of taxonomic sources, many with links.

In addition, as of March 2017 the taxonomy in HBW/BI has been fully integrated with the online version of the *Handbook of the Birds of the World* (HBW Alive, www.hbw.com). This means that for each species listed in HBW/BI there is a detailed separate account in HBW Alive, including updates from the original entries in the print version of the Handbook, additional illustrations, references, and links to thousands of audiovisual files including photographs, videos and sound recordings. Access to the full site requires an annual subscription, currently 29.95 € per year (<https://www.hbw.com/subscription-plans>), but basic information can be accessed without charge.

Adoption by other institutions and MEAs: H&M4 has not been adopted as a reference by other MEAs, but there has been very widespread utilisation of the list by museum curators and their staff in all regions of the world (E.C Dickinson, *pers. comm.*). HBW/BI has been adopted as a taxonomic and nomenclatural standard by the European Bird Census Council (EBCC), the European Union (with respect to its Birds Directive), the Convention on the Conservation of Migratory Species of Wild Animals (CMS), the Agreement on the Conservation of African-Eurasian Migratory Waterbirds (AEWA), and IUCN (including the IUCN Red List of Threatened Species)⁵.

⁵ (see <https://www.lynxeds.com/product/hbw-and-birdlife-international-illustrated-checklist-birds-world-0> for details; accessed 10 November 2018).

Recommendations

1. The decision of the Parties on whether to adopt H&M4 or HBW/BI as the new standard reference for birds should be based on a comparison of taxonomic differences on the one hand, and of features and synergies on the other. As CITES has, in the past, taken a conservative approach to nomenclature, and because the number of changes to current usage (including the number of new species that would have to be recognized) would be much lower, H&M4 may be the more attractive option on taxonomic grounds alone (but see Recommendation 3 below). However, the additional features in HBW/BI (e.g., coloured illustrations, range maps, names in all three CITES languages, detailed taxonomic notes, and integration with the online *Handbook of the Birds of the World* site HBW Alive), as well as its adoption by, *inter alia*, the Convention on Migratory Species (CMS) and the EU, may make it a better choice on the basis of features and synergies with other bodies.
2. Advances in avian taxonomy, particularly since the turn of the century, have not only been sweeping but have, by now, been broadly accepted in principle and are widely accepted in the literature. H&M4 and BW/BI, despite their differences, both represent modern standards in this area. If one of these is adopted by the Parties, the adoption of older works for particular taxa as standard references in order to avoid perceived difficulties in adapting to changed taxonomies should only be done when absolutely necessary (with the possible exception of retaining Coetzer et al. (2015) for *Poicephalus robustus* and *P. fuscicollis*).
3. Most of the species splits recognized in H&M4 and (particularly) HMW/BI involve species listed at higher taxon levels (e.g., Trochilidae, Accipitridae (“Falconiformes”), Strigidae) and are unlikely to create difficulties for CITES. Psittaciformes remain a possible exception. If Parties find that the treatment of this order in both H&M4 and HBW/BI would create difficulties that they are unable to accept, they may wish to instruct the Nomenclature Specialist of the AC to examine the merits of adopting Forshaw (2006) as the standard reference for Psittaciformes.
4. Parties should consider adopting a Draft Decision directing the Nomenclature Specialist of the AC to seek consideration of the references concerning species described or named since the publication of HBW/BI v.2 (Table 1) to determine if any of these should be adopted as further standard references for birds, and to provide recommendations in his reports to the Animals Committee and Conference of the Parties. This is particularly necessary for Kirwan et al. (2015) for *Strix hadorami* and Robb et al. (2015) for *Strix butleri*, and may also be desirable for *Lophorina* spp., *Megascops gilesi*, and *Oreotrochilus cyanolaemus* among others.

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Table 2. Comparison of order and family names as used in Species+, H&M4 and HBW/BI. In the following table names highlighted in red differ from names used in Species+. Names in **boldface** differ in treatment between the Howard and Moore and HBW/Birdlife checklists.

Species+ [Order and family names from Morony, Bock & Farrand 1975]		Howard & Moore 4th [H&M4]		Birdlife International [HBW/BI]	
Order	Family	Order	Family	Order	Family
Anseriformes	Anatidae	Anseriformes	Anatidae	Anseriformes	Anatidae
Apodiformes	Trochilidae	Caprimulgiformes	Trochilidae	Caprimulgiformes	Trochilidae
Charadriiformes	Burhinidae	Charadriiformes	Burhinidae	Charadriiformes	Burhinidae
Charadriiformes	Laridae	Charadriiformes	Laridae	Charadriiformes	Laridae
Charadriiformes	Scolopacidae	Charadriiformes	Scolopacidae	Charadriiformes	Scolopacidae
Ciconiiformes	Balaenicipitidae	Pelecaniformes	Balaenicipitidae	Pelecaniformes	Balaenicipitidae
Ciconiiformes	Ciconiidae	Pelecaniformes	Ciconiidae	Ciconiiformes	Ciconiidae
Ciconiiformes	Phoenicopteridae	Phoenicopteriformes	Phoenicopteridae	Phoenicopteriformes	Phoenicopteridae
Ciconiiformes	Threskiornithidae	Pelecaniformes	Threskiornithidae	Pelecaniformes	Threskiornithidae
Columbiformes	Columbidae	Columbiformes	Columbidae	Columbiformes	Columbidae
Coraciiformes	Bucerotidae	Bucerotiformes	Bucerotidae	Bucerotiformes	Bucerotidae
Cuculiformes	Musophagidae	Musophagiformes	Musophagidae	Musophagiformes	Musophagidae
Falconiformes	Accipitridae	Accipitriformes	Accipitridae	Accipitriformes	Accipitridae
Falconiformes	Cathartidae	Accipitriformes	Cathartidae	Cathartiformes	Cathartidae
Falconiformes	Falconidae	Falconiformes	Falconidae	Falconiformes	Falconidae
Falconiformes	Pandionidae	Accipitriformes	Pandionidae	Accipitriformes	Pandionidae
Falconiformes	Sagittariidae	Accipitriformes	Sagittariidae	Accipitriformes	Sagittariidae
Galliformes	Cracidae	Galliformes	Cracidae	Galliformes	Cracidae
Galliformes	Megapodiidae	Galliformes	Megapodiidae	Galliformes	Megapodiidae
Galliformes	Phasianidae	Galliformes	Odontophoridae (Colinus)	Galliformes	Odontophoridae (Colinus)
		Galliformes	Phasianidae	Galliformes	Phasianidae
Gruiformes	Gruidae	Gruiformes	Gruidae	Gruiformes	Gruidae
Gruiformes	Otididae	Otidiformes	Otididae	Otidiformes	Otididae

Species+ [Order and family names from Morony, Bock & Farrand 1975]		Howard & Moore 4th [H&M4]		Birdlife International [HBW/BI]	
Gruiformes	Rallidae	Gruiformes	Rallidae	Gruiformes	Rallidae
Gruiformes	Rhynochetidae	Eurypygiformes	Rhynochetidae	Eurypygiformes	Rhynochetidae
Passeriformes	Atrichornithidae	Passeriformes	Atrichornithidae	Passeriformes	Atrichornithidae
Passeriformes	Cotingidae	Passeriformes	Cotingidae	Passeriformes	Cotingidae
Passeriformes	Emberizidae	Passeriformes	Thraupidae (all CITES-listed species)	Passeriformes	Thraupidae (all CITES-listed species)
Passeriformes	Estrildidae	Passeriformes	Estrildidae	Passeriformes	Estrildidae
Passeriformes	Fringillidae	Passeriformes	Fringillidae	Passeriformes	Fringillidae
Passeriformes	Hirundinidae	Passeriformes	Hirundinidae	Passeriformes	Hirundinidae
Passeriformes	Icteridae	Passeriformes	Icteridae	Passeriformes	Icteridae
Passeriformes	Meliphagidae	Passeriformes	Meliphagidae	Passeriformes	Meliphagidae
Passeriformes	Muscicapidae	Passeriformes	Acrocephalidae (Acrocephalus)	Passeriformes	Acrocephalidae (Acrocephalus)
		Passeriformes	Dasyornithidae (Dasyornis)	Passeriformes	Dasyornithidae (Dasyornis)
		Passeriformes	Eupetidae (Picathartes)	Passeriformes	Picathartidae (Picathartes)
		Passeriformes	Leiothrichidae (Garrulax, Leiothrix, Liocichla)	Passeriformes	Leiothrichidae (Garrulax, Leiothrix, Liocichla)
		Passeriformes	Monarchidae (Terpsiphone)	Passeriformes	Monarchidae (Terpsiphone)
		Passeriformes	Muscicapidae (Cyornis)	Passeriformes	Muscicapidae (Cyornis)
Passeriformes	Paradisaeidae	Passeriformes	Cnemophilidae (Cnemophilus, Loboparadisaea)	Passeriformes	Cnemophilidae (Cnemophilus, Loboparadisaea)
		Passeriformes	Melampittidae (Melampitta, Megalampitta)	Passeriformes	Melampittidae (Melampitta, Megalampitta)
		Passeriformes	Meliphagidae (Macgregoria)	Passeriformes	Meliphagidae (Macgregoria)
		Passeriformes	Paradisaeidae	Passeriformes	Paradisaeidae
Passeriformes	Pittidae	Passeriformes	Pittidae	Passeriformes	Pittidae
Passeriformes	Pycnonotidae	Passeriformes	Pycnonotidae	Passeriformes	Pycnonotidae
Passeriformes	Sturnidae	Passeriformes	Sturnidae	Passeriformes	Sturnidae
Passeriformes	Zosteropidae	Passeriformes	Zosteropidae	Passeriformes	Zosteropidae

Species+ [Order and family names from Morony, Bock & Farrand 1975]		Howard & Moore 4th [H&M4]		Birdlife International [HBW/BI]	
Pelecaniformes	Fregatidae	Pelecaniformes	Fregatidae	Suliformes	Fregatidae
Pelecaniformes	Pelecanidae	Pelecaniformes	Pelecanidae	Pelecaniformes	Pelecanidae
Pelecaniformes	Sulidae	Pelecaniformes	Sulidae	Suliformes	Sulidae
Piciformes	Capitonidae	Piciformes	Ramphastidae	Piciformes	Semnornithidae
Piciformes	Picidae	Piciformes	Picidae	Piciformes	Picidae
Piciformes	Ramphastidae	Piciformes	Ramphastidae	Piciformes	Ramphastidae
Podicipediformes	Podicipedidae	Phoenicopteriformes	Podicipedidae	Podicipediformes	Podicipedidae
Procellariiformes	Diomedeidae	Procellariiformes	Diomedeidae	Procellariiformes	Diomedeidae
Psittaciformes	Cacatuidae	Psittaciformes	Cacatuidae	Psittaciformes	Cacatuidae
Psittaciformes	Loriidae	Psittaciformes	Psittaculidae (Old World parrots¹)	Psittaciformes	Psittacidae
Psittaciformes	Psittacidae	Psittaciformes	Psittacidae (New World parrots, <i>Psittacus</i>, <i>Poicephalus</i>)	Psittaciformes	Psittacidae
		Psittaciformes	Psittaculidae (other Old World parrots)	Psittaciformes	Psittacidae
		Psittaciformes	Strigopidae (<i>Nestor</i>, <i>Strigops</i>)	Psittaciformes	Strigopidae (<i>Nestor</i>, <i>Strigops</i>)
Rheiformes	Rheidae	Rheiformes	Rheidae	Struthioniformes	Rheidae
Sphenisciformes	Spheniscidae	Sphenisciformes	Spheniscidae	Sphenisciformes	Spheniscidae
Strigiformes	Strigidae	Strigiformes	Strigidae	Strigiformes	Strigidae
Strigiformes	Tytonidae	Strigiformes	Tytonidae	Strigiformes	Tytonidae
Struthioniformes	Struthionidae	Struthioniformes	Struthionidae	Struthioniformes	Struthionidae
Tinamiformes	Tinamidae	Tinamiformes	Tinamidae	Struthioniformes	Tinamidae
Trogoniformes	Trogonidae	Trogoniformes	Trogonidae	Trogoniformes	Trogonidae

¹ Excluding Cacatuidae, Strigopidae, *Psittacus* and *Poicephalus*

Table 3. Annotated list of all bird species currently included in the Appendices to CITES, comparing names used in Species+ with the names used for these taxa in the 4th edition of Howard and Moore (Dickinson and Christidis (eds), 2013 (v. 1, Non-Passerines), 2014 (v. 2, Passerines)) and the HBW/Birdlife checklist (del Hoyo and Collar, 2014 (v. 1, Non-Passerines), 2016 (v. 2, Passerines)). Notes indicate names in Species+ that differ from those used in the 3rd edition of Howard and Moore (Dickinson, 2003; hereafter H&M3) as the result of the adoption of alternate standard references listed in the Annex to Res. Conf. 12.11 (Rev. CoP 17).

In the following table names in red differ from names used in Species+, either as a result of taxonomic changes, reassignment of subspecies from one species to another, or spelling emendations. Names in **boldface** differ in treatment between the Howard and Moore 4 and HBW/Birdlife checklists. Taxonomic 'splits' that would result from the adoption of either checklist are highlighted in grey, and 'lumps' are highlighted in yellow. Under Species+ species names in blue are listed on Appendix I, and species names in green are listed on Appendix III; all other species are listed on Appendix II.

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Anseriformes	Anatidae	<i>Anas aucklandica</i>	Anseriformes	Anatidae	<i>Anas aucklandica aucklandica</i>	Anseriformes	Anatidae	<i>Anas aucklandica</i>
Anseriformes	Anatidae	<i>Anas bernieri</i>	Anseriformes	Anatidae	<i>Anas bernieri</i>	Anseriformes	Anatidae	<i>Anas bernieri</i>
Anseriformes	Anatidae	<i>Anas chlorotis</i>	Anseriformes	Anatidae	<i>Anas aucklandica chlorotis</i>	Anseriformes	Anatidae	<i>Anas chlorotis</i>
Anseriformes	Anatidae	<i>Anas formosa</i>	Anseriformes	Anatidae	<i>Sibirionetta formosa</i>	Anseriformes	Anatidae	<i>Sibirionetta formosa</i>
Anseriformes	Anatidae	<i>Anas laysanensis</i>	Anseriformes	Anatidae	<i>Anas laysanensis</i>	Anseriformes	Anatidae	<i>Anas laysanensis</i>
Anseriformes	Anatidae	<i>Anas nesiotis</i>	Anseriformes	Anatidae	<i>Anas aucklandica nesiotis</i>	Anseriformes	Anatidae	<i>Anas nesiotis</i>
Anseriformes	Anatidae	<i>Asarcornis scutulata</i> ¹	Anseriformes	Anatidae	<i>Asarcornis scutulata</i>	Anseriformes	Anatidae	<i>Asarcornis scutulata</i>
Anseriformes	Anatidae	<i>Branta canadensis leucopareia</i>	Anseriformes	Anatidae	<i>Branta hutchinsi leucopareia</i>	Anseriformes	Anatidae	<i>Branta hutchinsi leucopareia</i>
Anseriformes	Anatidae	<i>Branta ruficollis</i>	Anseriformes	Anatidae	<i>Branta ruficollis</i>	Anseriformes	Anatidae	<i>Branta ruficollis</i>
Anseriformes	Anatidae	<i>Branta sandvicensis</i>	Anseriformes	Anatidae	<i>Branta sandvicensis</i>	Anseriformes	Anatidae	<i>Branta sandvicensis</i>
Anseriformes	Anatidae	<i>Coscoroba coscoroba</i>	Anseriformes	Anatidae	<i>Coscoroba coscoroba</i>	Anseriformes	Anatidae	<i>Coscoroba coscoroba</i>
Anseriformes	Anatidae	<i>Cygnus melancoryphus</i>	Anseriformes	Anatidae	<i>Cygnus melancoryphus</i>	Anseriformes	Anatidae	<i>Cygnus melancoryphus</i>
Anseriformes	Anatidae	<i>Dendrocygna arborea</i>	Anseriformes	Anatidae	<i>Dendrocygna arborea</i>	Anseriformes	Anatidae	<i>Dendrocygna arborea</i>

¹ Dickinson (2005); *Asarcornis scutulata* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Anseriformes	Anatidae	<i>Dendrocygna autumnalis</i>	Anseriformes	Anatidae	<i>Dendrocygna autumnalis</i>	Anseriformes	Anatidae	<i>Dendrocygna autumnalis</i>
Anseriformes	Anatidae	<i>Dendrocygna bicolor</i>	Anseriformes	Anatidae	<i>Dendrocygna bicolor</i>	Anseriformes	Anatidae	<i>Dendrocygna bicolor</i>
Anseriformes	Anatidae	<i>Oxyura leucocephala</i>	Anseriformes	Anatidae	<i>Oxyura leucocephala</i>	Anseriformes	Anatidae	<i>Oxyura leucocephala</i>
Anseriformes	Anatidae	<i>Rhodonessa caryophyllacea</i>	Anseriformes	Anatidae	<i>Rhodonessa caryophyllacea</i>	Anseriformes	Anatidae	<i>Rhodonessa caryophyllacea</i>
Anseriformes	Anatidae	<i>Sarkidiornis melanotos</i>		Anatidae	<i>Sarkidiornis melanotos</i>	Anseriformes	Anatidae	<i>Sarkidiornis melanotos (ssp. melanotos)</i>
						Anseriformes	Anatidae	<i>Sarkidiornis sylvicola (ssp. sylvicola)</i>
Apodiformes	Trochilidae	<i>Abeillia abeillei</i>	Caprimulgiformes	Trochilidae	<i>Abeillia abeillei</i>	Caprimulgiformes	Trochilidae	<i>Abeillia abeillei</i>
Apodiformes	Trochilidae	<i>Adelomyia melanogenys</i>	Caprimulgiformes	Trochilidae	<i>Adelomyia melanogenys</i>	Caprimulgiformes	Trochilidae	<i>Adelomyia melanogenys</i>
Apodiformes	Trochilidae	<i>Aglaeactis aliciae</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis aliciae</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis aliciae</i>
Apodiformes	Trochilidae	<i>Aglaeactis castelnaudii</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis castelnaudii</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis castelnaudii</i>
Apodiformes	Trochilidae	<i>Aglaeactis cupripennis</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis cupripennis</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis cupripennis</i>
Apodiformes	Trochilidae	<i>Aglaeactis pamela</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis pamela</i>	Caprimulgiformes	Trochilidae	<i>Aglaeactis pamela</i>
Apodiformes	Trochilidae	<i>Aglaiocercus coelestis</i>	Caprimulgiformes	Trochilidae	<i>Aglaiocercus coelestis</i>	Caprimulgiformes	Trochilidae	<i>Aglaiocercus coelestis</i>
Apodiformes	Trochilidae	<i>Aglaiocercus kingi</i>	Caprimulgiformes	Trochilidae	<i>Aglaiocercus berlepschi (ssp. berlepschi)</i>	Caprimulgiformes	Trochilidae	<i>Aglaiocercus berlepschi (ssp. berlepschi)</i>
					<i>Aglaiocercus kingi (ssp. margarethae, caudatus, emmae, kingi, mocoa, smaragdinus)</i>	Caprimulgiformes	Trochilidae	<i>Aglaiocercus kingi (ssp. margarethae, caudatus, emmae, kingi, mocoa, smaragdinus)</i>
Apodiformes	Trochilidae	<i>Amazilia alticola</i>	Caprimulgiformes	Trochilidae	<i>Amazilia amazilia alticola</i>	Caprimulgiformes	Trochilidae	<i>Amazilia amazilia alticola</i>
Apodiformes	Trochilidae	<i>Amazilia amabilis</i>	Caprimulgiformes	Trochilidae	<i>Amazilia amabilis</i>	Caprimulgiformes	Trochilidae	<i>Amazilia amabilis</i>
			Caprimulgiformes	Trochilidae	<i>Amazilia decora</i>	Caprimulgiformes	Trochilidae	<i>Amazilia decora</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Amazilia amazilia</i>	Caprimulgiformes	Trochilidae	<i>Amazilia amazilia</i> (includes ssp. <i>alticola</i>)	Caprimulgiformes	Trochilidae	<i>Amazilia amazilia</i> (includes ssp. <i>alticola</i>)
Apodiformes	Trochilidae	<i>Amazilia beryllina</i>	Caprimulgiformes	Trochilidae	<i>Amazilia beryllina</i>	Caprimulgiformes	Trochilidae	<i>Amazilia beryllina</i>
Apodiformes	Trochilidae	<i>Amazilia boucardi</i>	Caprimulgiformes	Trochilidae	<i>Amazilia boucardi</i>	Caprimulgiformes	Trochilidae	<i>Amazilia boucardi</i>
Apodiformes	Trochilidae	<i>Amazilia brevirostris</i>	Caprimulgiformes	Trochilidae	<i>Amazilia brevirostris</i>	Caprimulgiformes	Trochilidae	<i>Amazilia brevirostris</i>
Apodiformes	Trochilidae	<i>Amazilia candida</i>	Caprimulgiformes	Trochilidae	<i>Amazilia candida</i>	Caprimulgiformes	Trochilidae	<i>Amazilia candida</i>
Apodiformes	Trochilidae	<i>Amazilia castaneiventris</i>	Caprimulgiformes	Trochilidae	<i>Amazilia castaneiventris</i>	Caprimulgiformes	Trochilidae	<i>Amazilia castaneiventris</i>
Apodiformes	Trochilidae	<i>Amazilia chionogaster</i>	Caprimulgiformes	Trochilidae	<i>Amazilia chionogaster</i>	Caprimulgiformes	Trochilidae	<i>Amazilia chionogaster</i>
Apodiformes	Trochilidae	<i>Amazilia cupreicauda</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridigaster cupreicauda</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cupreicauda</i>
Apodiformes	Trochilidae	<i>Amazilia cyanifrons</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cyanifrons</i> ²	Caprimulgiformes	Trochilidae	<i>Amazilia cyanifrons</i> ³
Apodiformes	Trochilidae	<i>Amazilia cyanocephala</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cyanocephala</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cyanocephala</i>
Apodiformes	Trochilidae	<i>Amazilia cyanura</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cyanura</i>	Caprimulgiformes	Trochilidae	<i>Amazilia cyanura</i>
Apodiformes	Trochilidae	<i>Amazilia edward</i>	Caprimulgiformes	Trochilidae	<i>Amazilia edward</i>	Caprimulgiformes	Trochilidae	<i>Amazilia edward</i>
Apodiformes	Trochilidae	<i>Amazilia fimbriata</i>	Caprimulgiformes	Trochilidae	<i>Amazilia fimbriata</i>	Caprimulgiformes	Trochilidae	<i>Amazilia fimbriata</i>
Apodiformes	Trochilidae	<i>Amazilia franciae</i>	Caprimulgiformes	Trochilidae	<i>Amazilia franciae</i>	Caprimulgiformes	Trochilidae	<i>Amazilia franciae</i>
Apodiformes	Trochilidae	<i>Amazilia lactea</i>	Caprimulgiformes	Trochilidae	<i>Amazilia lactea</i>	Caprimulgiformes	Trochilidae	<i>Amazilia bartletti</i> (ssp. <i>bartletti</i>)
						Caprimulgiformes	Trochilidae	<i>Amazilia lactea</i> (ssp. <i>zimmeri</i> , <i>lactea</i>)
Apodiformes	Trochilidae	<i>Amazilia leucogaster</i>	Caprimulgiformes	Trochilidae	<i>Amazilia leucogaster</i>	Caprimulgiformes	Trochilidae	<i>Amazilia leucogaster</i>
Apodiformes	Trochilidae	<i>Amazilia luciae</i>	Caprimulgiformes	Trochilidae	<i>Amazilia luciae</i>	Caprimulgiformes	Trochilidae	<i>Amazilia luciae</i>
Apodiformes	Trochilidae	<i>Amazilia rondoniae</i>	Caprimulgiformes	Trochilidae	<i>Amazilia versicolor</i>	Caprimulgiformes	Trochilidae	<i>Amazilia versicolor</i>

² includes extinct(?) ssp. *alfaroana*, treated as full sp. In H&M3 but unlisted in Species+

³ includes extinct(?) ssp. *alfaroana*, treated as full sp. In H&M3 but unlisted in Species+

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
					<i>rondoniae</i>			<i>rondoniae</i>
Apodiformes	Trochilidae	<i>Amazilia rosenbergi</i>	Caprimulgiformes	Trochilidae	<i>Amazilia rosenbergi</i>	Caprimulgiformes	Trochilidae	<i>Amazilia rosenbergi</i>
Apodiformes	Trochilidae	<i>Amazilia rutila</i>	Caprimulgiformes	Trochilidae	<i>Amazilia rutila</i>	Caprimulgiformes	Trochilidae	<i>Amazilia rutila</i>
Apodiformes	Trochilidae	<i>Amazilia saucerrottei</i>	Caprimulgiformes	Trochilidae	<i>Amazilia saucerrottei</i>	Caprimulgiformes	Trochilidae	<i>Amazilia saucerrottei</i>
Apodiformes	Trochilidae	<i>Amazilia tobaci</i>	Caprimulgiformes	Trochilidae	<i>Amazilia tobaci</i>	Caprimulgiformes	Trochilidae	<i>Amazilia tobaci</i>
Apodiformes	Trochilidae	<i>Amazilia tzacatl</i>	Caprimulgiformes	Trochilidae	<i>Amazilia tzacatl</i>	Caprimulgiformes	Trochilidae	<i>Amazilia tzacatl</i>
Apodiformes	Trochilidae	<i>Amazilia versicolor</i>	Caprimulgiformes	Trochilidae	<i>Amazilia versicolor</i> (includes ssp. <i>rondoniae</i>)	Caprimulgiformes	Trochilidae	<i>Amazilia versicolor</i> (includes ssp. <i>rondoniae</i>)
Apodiformes	Trochilidae	<i>Amazilia violiceps</i>	Caprimulgiformes	Trochilidae	<i>Amazilia violiceps</i>	Caprimulgiformes	Trochilidae	<i>Amazilia violiceps</i>
Apodiformes	Trochilidae	<i>Amazilia viridicauda</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridicauda</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridicauda</i>
Apodiformes	Trochilidae	<i>Amazilia viridifrons</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridifrons</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridifrons</i> (ssp. <i>viridifrons, villadai</i>)
						Caprimulgiformes	Trochilidae	<i>Amazilia wagneri</i> (ssp. <i>wagneri</i>)
Apodiformes	Trochilidae	<i>Amazilia viridigaster</i>	Caprimulgiformes	Trochilidae	<i>Amazilia viridigaster</i> (includes ssp. <i>cupreicauda</i>)	Caprimulgiformes	Trochilidae	<i>Amazilia viridigaster</i>
Apodiformes	Trochilidae	<i>Amazilia yucatanensis</i>	Caprimulgiformes	Trochilidae	<i>Amazilia yucatanensis</i>	Caprimulgiformes	Trochilidae	<i>Amazilia yucatanensis</i>
Apodiformes	Trochilidae	<i>Androdon aequatorialis</i>	Caprimulgiformes	Trochilidae	<i>Androdon aequatorialis</i>	Caprimulgiformes	Trochilidae	<i>Androdon aequatorialis</i>
Apodiformes	Trochilidae	<i>Anopetia gounellei</i>	Caprimulgiformes	Trochilidae	<i>Anopetia gounellei</i>	Caprimulgiformes	Trochilidae	<i>Anopetia gounellei</i>
Apodiformes	Trochilidae	<i>Anthocephala floriceps</i>	Caprimulgiformes	Trochilidae	<i>Anthocephala floriceps</i>	Caprimulgiformes	Trochilidae	<i>Anthocephala floriceps</i>
Apodiformes	Trochilidae	<i>Anthracothorax dominicus</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax dominicus</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax aurulentus</i> (ssp. <i>aurulentus</i>)
						Caprimulgiformes	Trochilidae	<i>Anthracothorax dominicus</i> (ssp. <i>dominicus</i>)
Apodiformes	Trochilidae	<i>Anthracothorax mango</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax mango</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax mango</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Anthracothorax nigricollis</i> ⁴	Caprimulgiformes	Trochilidae	<i>Anthracothorax nigricollis</i> (including ssp. <i>iridescens</i>)	Caprimulgiformes	Trochilidae	<i>Anthracothorax nigricollis</i> (including ssp. <i>nigrescens</i>)
Apodiformes	Trochilidae	<i>Anthracothorax prevostii</i> ⁵	Caprimulgiformes	Trochilidae	<i>Anthracothorax prevostii</i> (excluding ssp. <i>iridescens</i>)	Caprimulgiformes	Trochilidae	<i>Anthracothorax prevostii</i> (excluding ssp. <i>iridescens</i>)
Apodiformes	Trochilidae	<i>Anthracothorax recurvirostris</i>	Caprimulgiformes	Trochilidae	<i>Avocettula recurvirostris</i>	Caprimulgiformes	Trochilidae	<i>Avocettula recurvirostris</i>
Apodiformes	Trochilidae	<i>Anthracothorax veraguensis</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax veraguensis</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax veraguensis</i>
Apodiformes	Trochilidae	<i>Anthracothorax viridigula</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax viridigula</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax viridigula</i>
Apodiformes	Trochilidae	<i>Anthracothorax viridis</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax viridis</i>	Caprimulgiformes	Trochilidae	<i>Anthracothorax viridis</i>
Apodiformes	Trochilidae	<i>Aphantochroa cirrochloris</i>	Caprimulgiformes	Trochilidae	<i>Aphantochroa cirrochloris</i>	Caprimulgiformes	Trochilidae	<i>Aphantochroa cirrochloris</i>
Apodiformes	Trochilidae	<i>Archilochus alexandri</i>	Caprimulgiformes	Trochilidae	<i>Archilochus alexandri</i>	Caprimulgiformes	Trochilidae	<i>Archilochus alexandri</i>
Apodiformes	Trochilidae	<i>Archilochus colubris</i>	Caprimulgiformes	Trochilidae	<i>Archilochus colubris</i>	Caprimulgiformes	Trochilidae	<i>Archilochus colubris</i>
Apodiformes	Trochilidae	<i>Atthis ellioti</i>	Caprimulgiformes	Trochilidae	<i>Atthis ellioti</i>	Caprimulgiformes	Trochilidae	<i>Atthis ellioti</i>
Apodiformes	Trochilidae	<i>Atthis heloisa</i>	Caprimulgiformes	Trochilidae	<i>Atthis heloisa</i>	Caprimulgiformes	Trochilidae	<i>Atthis heloisa</i>
Apodiformes	Trochilidae	<i>Augastes lumachella</i>	Caprimulgiformes	Trochilidae	<i>Augastes lumachella</i>	Caprimulgiformes	Trochilidae	<i>Augastes lumachella</i>
Apodiformes	Trochilidae	<i>Augastes scutatus</i>	Caprimulgiformes	Trochilidae	<i>Augastes scutatus</i>	Caprimulgiformes	Trochilidae	<i>Augastes scutatus</i>
Apodiformes	Trochilidae	<i>Basilinna leucotis</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis leucotis</i>	Caprimulgiformes	Trochilidae	<i>Basilinna leucotis</i>
Apodiformes	Trochilidae	<i>Basilinna xantusii</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis xantusii</i>	Caprimulgiformes	Trochilidae	<i>Basilinna xantusii</i>
Apodiformes	Trochilidae	<i>Boissonneaua flavescens</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua flavescens</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua flavescens</i>
Apodiformes	Trochilidae	<i>Boissonneaua jardini</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua jardini</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua jardini</i>
Apodiformes	Trochilidae	<i>Boissonneaua matthewsii</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua matthewsii</i>	Caprimulgiformes	Trochilidae	<i>Boissonneaua matthewsii</i>

⁴ excludes ssp. *iridescens*, transferred from *Anthracothorax nigricollis* to this species in H&M4 and HBW/BI

⁵ includes ssp. *iridescens*, transferred to *Anthracothorax nigricollis* in H&M4 and HBW/BI

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Calliphlox amethystina</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox amethystina</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox amethystina</i>
Apodiformes	Trochilidae	<i>Calliphlox bryantae</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox bryantae</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox bryantae</i>
Apodiformes	Trochilidae	<i>Calliphlox evelynae</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox evelynae</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox evelynae</i>
Apodiformes	Trochilidae	<i>Calliphlox mitchellii</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox mitchellii</i>	Caprimulgiformes	Trochilidae	<i>Calliphlox mitchellii</i>
Apodiformes	Trochilidae	<i>Calothorax lucifer</i>	Caprimulgiformes	Trochilidae	<i>Calothorax lucifer</i>	Caprimulgiformes	Trochilidae	<i>Calothorax lucifer</i>
Apodiformes	Trochilidae	<i>Calothorax pulcher</i>	Caprimulgiformes	Trochilidae	<i>Calothorax pulcher</i>	Caprimulgiformes	Trochilidae	<i>Calothorax pulcher</i>
Apodiformes	Trochilidae	<i>Calypte anna</i>	Caprimulgiformes	Trochilidae	<i>Calypte anna</i>	Caprimulgiformes	Trochilidae	<i>Calypte anna</i>
Apodiformes	Trochilidae	<i>Calypte costae</i>	Caprimulgiformes	Trochilidae	<i>Calypte costae</i>	Caprimulgiformes	Trochilidae	<i>Calypte costae</i>
Apodiformes	Trochilidae	<i>Campylopterus curvipennis</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus curvipennis</i> (ssp. <i>curvipennis</i> , <i>pampa</i>)	Caprimulgiformes	Trochilidae	<i>Campylopterus curvipennis</i>
			Caprimulgiformes	Trochilidae	<i>Campylopterus excellens</i> (ssp. <i>excellens</i>)			
Apodiformes	Trochilidae	<i>Campylopterus cuvierii</i>	Caprimulgiformes	Trochilidae	<i>Phaeochroa cuvierii</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus cuvierii</i>
Apodiformes	Trochilidae	<i>Campylopterus duidae</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus duidae</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus duidae</i>
Apodiformes	Trochilidae	<i>Campylopterus ensipennis</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus ensipennis</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus ensipennis</i>
Apodiformes	Trochilidae	<i>Campylopterus falcatus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus falcatus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus falcatus</i>
Apodiformes	Trochilidae	<i>Campylopterus hemileucurus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus hemileucurus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus hemileucurus</i>
Apodiformes	Trochilidae	<i>Campylopterus hyperythrus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus hyperythrus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus hyperythrus</i>
Apodiformes	Trochilidae	<i>Campylopterus largipennis</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus largipennis</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus largipennis</i>
Apodiformes	Trochilidae	<i>Campylopterus phainopeplus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus phainopeplus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus phainopeplus</i>
Apodiformes	Trochilidae	<i>Campylopterus rufus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus rufus</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus rufus</i>
Apodiformes	Trochilidae	<i>Campylopterus villaviscensio</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus villaviscensio</i>	Caprimulgiformes	Trochilidae	<i>Campylopterus villaviscensio</i>
Apodiformes	Trochilidae	<i>Chaetocercus astreans</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus astreans</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus astreans</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Chaetocercus berlepschi</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus berlepschi</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus berlepschi</i>
Apodiformes	Trochilidae	<i>Chaetocercus bombus</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus bombus</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus bombus</i>
Apodiformes	Trochilidae	<i>Chaetocercus heliodor</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus heliodor</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus heliodor</i>
Apodiformes	Trochilidae	<i>Chaetocercus jourdani</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus jourdani</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus jourdani</i>
Apodiformes	Trochilidae	<i>Chaetocercus mulsanti</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus mulsanti</i>	Caprimulgiformes	Trochilidae	<i>Chaetocercus mulsanti</i>
Apodiformes	Trochilidae	<i>Chalcostigma herrani</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma herrani</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma herrani</i>
Apodiformes	Trochilidae	<i>Chalcostigma heteropogon</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma heteropogon</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma heteropogon</i>
Apodiformes	Trochilidae	<i>Chalcostigma olivaceum</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma olivaceum</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma olivaceum</i>
Apodiformes	Trochilidae	<i>Chalcostigma ruficeps</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma ruficeps</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma ruficeps</i>
Apodiformes	Trochilidae	<i>Chalcostigma stanleyi</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma stanleyi</i>	Caprimulgiformes	Trochilidae	<i>Chalcostigma stanleyi</i>
Apodiformes	Trochilidae	<i>Chalybura buffonii</i>	Caprimulgiformes	Trochilidae	<i>Chalybura buffonii</i>	Caprimulgiformes	Trochilidae	<i>Chalybura buffonii</i>
Apodiformes	Trochilidae	<i>Chalybura urochrysa</i>	Caprimulgiformes	Trochilidae	<i>Chalybura urochrysa</i>	Caprimulgiformes	Trochilidae	<i>Chalybura urochrysa</i>
Apodiformes	Trochilidae	<i>Chlorostilbon alicae</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon alicae</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon poortmani alicae</i>
Apodiformes	Trochilidae	<i>Chlorostilbon assimilis</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon assimilis</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon assimilis</i>
Apodiformes	Trochilidae	<i>Chlorostilbon auriceps</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon auriceps</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon auriceps</i>
Apodiformes	Trochilidae	<i>Chlorostilbon canivetii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon canivetii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon canivetii</i>
Apodiformes	Trochilidae	<i>Chlorostilbon forficatus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon forficatus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon forficatus</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Chlorostilbon lucidus</i> ⁶	Caprimulgiformes	Trochilidae	<i>Chlorostilbon lucidus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon lucidus</i>
Apodiformes	Trochilidae	<i>Chlorostilbon maugaeus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon maugaeus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon maugaeus</i>
Apodiformes	Trochilidae	<i>Chlorostilbon mellisugus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon gibsoni</i> (ssp. <i>chrysogaster</i> , <i>nitens</i> , <i>gibsoni</i>)	Caprimulgiformes	Trochilidae	<i>Chlorostilbon gibsoni</i> (ssp. <i>chrysogaster</i> , <i>nitens</i> , <i>gibsoni</i>)
			Caprimulgiformes	Trochilidae	<i>Chlorostilbon melanorhynchus</i> (ssp. <i>melanorhynchus</i>)	Caprimulgiformes	Trochilidae	<i>Chlorostilbon mellisugus</i> (ssp. <i>caribaeus</i> , <i>duidae</i> , <i>melanorhynchus</i> , <i>subfurcatus</i> , <i>mellisugus</i> , <i>phoeopygus</i> , <i>peruanus</i>)
			Caprimulgiformes	Trochilidae	<i>Chlorostilbon mellisugus</i> (ssp. <i>caribaeus</i> , <i>duidae</i> , <i>subfurcatus</i> , <i>mellisugus</i> , <i>phoeopygus</i> , <i>napensis</i> , <i>peruanus</i>)	Caprimulgiformes	Trochilidae	
Apodiformes	Trochilidae	<i>Chlorostilbon notatus</i>	Caprimulgiformes	Trochilidae	<i>Chlorestes notata</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon notatus</i>
Apodiformes	Trochilidae	<i>Chlorostilbon olivaresi</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon olivaresi</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon olivaresi</i>
Apodiformes	Trochilidae	<i>Chlorostilbon poortmani</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon poortmani</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon poortmani</i> (includes <i>Chlorostilbon alicae</i>)
Apodiformes	Trochilidae	<i>Chlorostilbon ricardii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon ricardii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon ricardii</i>
Apodiformes	Trochilidae	<i>Chlorostilbon russatus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon russatus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon russatus</i>
Apodiformes	Trochilidae	<i>Chlorostilbon stenurus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon stenurus</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon stenurus</i>
Apodiformes	Trochilidae	<i>Chlorostilbon swainsonii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon swainsonii</i>	Caprimulgiformes	Trochilidae	<i>Chlorostilbon swainsonii</i>
Apodiformes	Trochilidae	<i>Chrysolampis mosquitus</i>	Caprimulgiformes	Trochilidae	<i>Chrysolampis mosquitus</i>	Caprimulgiformes	Trochilidae	<i>Chrysolampis mosquitus</i>
Apodiformes	Trochilidae	<i>Chrysuronia oenone</i>	Caprimulgiformes	Trochilidae	<i>Chrysuronia oenone</i>	Caprimulgiformes	Trochilidae	<i>Chrysuronia oenone</i>
Apodiformes	Trochilidae	<i>Clytolaema</i>	Caprimulgiformes	Trochilidae	<i>Clytolaema rubricauda</i>	Caprimulgiformes	Trochilidae	<i>Clytolaema rubricauda</i>

⁶ Pacheco and Whitney (2006); as *Chlorostilbon aureoventris* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>rubricauda</i>						
Apodiformes	Trochilidae	<i>Coeligena bonapartei</i>	Caprimulgiformes	Trochilidae	<i>Coeligena bonapartei</i> (ssp. <i>consita</i> , <i>bonapartei</i> , <i>eos</i>)	Caprimulgiformes	Trochilidae	<i>Coeligena bonapartei</i> (ssp. <i>bonapartei</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena consita</i> (ssp. <i>consita</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena eos</i> (ssp. <i>eos</i>)
			Caprimulgiformes	Trochilidae	<i>Coeligena orina</i> (ssp. <i>orina</i>)	Caprimulgiformes	Trochilidae	<i>Coeligena orina</i> (ssp. <i>orina</i>)
Apodiformes	Trochilidae	<i>Coeligena coeligena</i>	Caprimulgiformes	Trochilidae	<i>Coeligena coeligena</i>	Caprimulgiformes	Trochilidae	<i>Coeligena coeligena</i>
Apodiformes	Trochilidae	<i>Coeligena helianthea</i>	Caprimulgiformes	Trochilidae	<i>Coeligena helianthea</i>	Caprimulgiformes	Trochilidae	<i>Coeligena helianthea</i>
Apodiformes	Trochilidae	<i>Coeligena iris</i>	Caprimulgiformes	Trochilidae	<i>Coeligena iris</i>	Caprimulgiformes	Trochilidae	<i>Coeligena iris</i>
Apodiformes	Trochilidae	<i>Coeligena lutetiae</i>	Caprimulgiformes	Trochilidae	<i>Coeligena lutetiae</i>	Caprimulgiformes	Trochilidae	<i>Coeligena lutetiae</i>
Apodiformes	Trochilidae	<i>Coeligena phalerata</i>	Caprimulgiformes	Trochilidae	<i>Coeligena phalerata</i>	Caprimulgiformes	Trochilidae	<i>Coeligena phalerata</i>
Apodiformes	Trochilidae	<i>Coeligena prunellei</i>	Caprimulgiformes	Trochilidae	<i>Coeligena prunellei</i>	Caprimulgiformes	Trochilidae	<i>Coeligena prunellei</i>
Apodiformes	Trochilidae	<i>Coeligena torquata</i>	Caprimulgiformes	Trochilidae	<i>Coeligena torquata</i>	Caprimulgiformes	Trochilidae	<i>Coeligena conradii</i> (ssp. <i>conradii</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena eisenmanni</i> (ssp. <i>eisenmanni</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena inca</i> (ssp. <i>omissa</i> , <i>inca</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena torquata</i> (ssp. <i>torquata</i> , <i>fulgidigula</i> , <i>margaretae</i> , <i>insectivora</i>)
Apodiformes	Trochilidae	<i>Coeligena violifer</i>	Caprimulgiformes	Trochilidae	<i>Coeligena violifer</i>	Caprimulgiformes	Trochilidae	<i>Coeligena albicaudata</i> (ssp. <i>albicaudata</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena dichrourea</i> (ssp. <i>dichrourea</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena osculans</i> (ssp. <i>osculans</i>)
						Caprimulgiformes	Trochilidae	<i>Coeligena violifer</i> (ssp. <i>violifer</i>)
Apodiformes	Trochilidae	<i>Coeligena wilsoni</i>	Caprimulgiformes	Trochilidae	<i>Coeligena wilsoni</i>	Caprimulgiformes	Trochilidae	<i>Coeligena wilsoni</i>
Apodiformes	Trochilidae	<i>Colibri coruscans</i>	Caprimulgiformes	Trochilidae	<i>Colibri coruscans</i>	Caprimulgiformes	Trochilidae	<i>Colibri coruscans</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Colibri delphinae</i>	Caprimulgiformes	Trochilidae	<i>Colibri delphinae</i>	Caprimulgiformes	Trochilidae	<i>Colibri delphinae</i>
Apodiformes	Trochilidae	<i>Colibri serrirostris</i>	Caprimulgiformes	Trochilidae	<i>Colibri serrirostris</i>	Caprimulgiformes	Trochilidae	<i>Colibri serrirostris</i>
Apodiformes	Trochilidae	<i>Colibri thalassinus</i>	Caprimulgiformes	Trochilidae	<i>Colibri thalassinus</i>	Caprimulgiformes	Trochilidae	<i>Colibri thalassinus</i>
Apodiformes	Trochilidae	<i>Cyanophaea bicolor</i>	Caprimulgiformes	Trochilidae	<i>Cyanophaea bicolor</i>	Caprimulgiformes	Trochilidae	<i>Cyanophaea bicolor</i>
Apodiformes	Trochilidae	<i>Cyananthus latirostris</i>	Caprimulgiformes	Trochilidae	<i>Cyananthus latirostris</i>	Caprimulgiformes	Trochilidae	<i>Cyananthus doubledayi</i> (ssp. <i>doubledayi</i>)
						Caprimulgiformes	Trochilidae	<i>Cyananthus latirostris</i> (ssp. <i>magicus</i> , <i>latirostris</i> , <i>propinquus</i>)
						Caprimulgiformes	Trochilidae	<i>Cyananthus lawrencei</i> (ssp. <i>lawrencei</i>)
Apodiformes	Trochilidae	<i>Cyananthus sordidus</i>	Caprimulgiformes	Trochilidae	<i>Cyananthus sordidus</i>	Caprimulgiformes	Trochilidae	<i>Cyananthus sordidus</i>
Apodiformes	Trochilidae	<i>Damophila julie</i>	Caprimulgiformes	Trochilidae	<i>Juliomyia julie</i>	Caprimulgiformes	Trochilidae	<i>Juliomyia julie</i>
Apodiformes	Trochilidae	<i>Discosura conversii</i>	Caprimulgiformes	Trochilidae	<i>Discosura conversii</i>	Caprimulgiformes	Trochilidae	<i>Discosura conversii</i>
Apodiformes	Trochilidae	<i>Discosura langsdorffi</i>	Caprimulgiformes	Trochilidae	<i>Discosura langsdorffi</i>	Caprimulgiformes	Trochilidae	<i>Discosura langsdorffi</i>
Apodiformes	Trochilidae	<i>Discosura letitia</i>	Caprimulgiformes	Trochilidae	<i>Discosura letitia</i>	Caprimulgiformes	Trochilidae	<i>Discosura letitia</i>
Apodiformes	Trochilidae	<i>Discosura longicaudus</i>	Caprimulgiformes	Trochilidae	<i>Discosura longicaudus</i>	Caprimulgiformes	Trochilidae	<i>Discosura longicaudus</i>
Apodiformes	Trochilidae	<i>Discosura popelairii</i>	Caprimulgiformes	Trochilidae	<i>Discosura popelairii</i>	Caprimulgiformes	Trochilidae	<i>Discosura popelairii</i>
Apodiformes	Trochilidae	<i>Doricha eliza</i>	Caprimulgiformes	Trochilidae	<i>Doricha eliza</i>	Caprimulgiformes	Trochilidae	<i>Doricha eliza</i>
Apodiformes	Trochilidae	<i>Doricha enicura</i>	Caprimulgiformes	Trochilidae	<i>Doricha enicura</i>	Caprimulgiformes	Trochilidae	<i>Doricha enicura</i>
Apodiformes	Trochilidae	<i>Doryfera johannae</i>	Caprimulgiformes	Trochilidae	<i>Doryfera johannae</i>	Caprimulgiformes	Trochilidae	<i>Doryfera johannae</i>
Apodiformes	Trochilidae	<i>Doryfera ludovicae</i>	Caprimulgiformes	Trochilidae	<i>Doryfera ludovicae</i>	Caprimulgiformes	Trochilidae	<i>Doryfera ludovicae</i>
Apodiformes	Trochilidae	<i>Elvira chionura</i>	Caprimulgiformes	Trochilidae	<i>Elvira chionura</i>	Caprimulgiformes	Trochilidae	<i>Elvira chionura</i>
Apodiformes	Trochilidae	<i>Elvira cupreiceps</i>	Caprimulgiformes	Trochilidae	<i>Elvira cupreiceps</i>	Caprimulgiformes	Trochilidae	<i>Elvira cupreiceps</i>
Apodiformes	Trochilidae	<i>Ensifera ensifera</i>	Caprimulgiformes	Trochilidae	<i>Ensifera ensifera</i>	Caprimulgiformes	Trochilidae	<i>Ensifera ensifera</i>
Apodiformes	Trochilidae	<i>Eriocnemis alinae</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis aline</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis aline</i>
Apodiformes	Trochilidae	<i>Eriocnemis cupreiventris</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis cupreiventris</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis cupreiventris</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Eriocnemis derbyi</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis derbyi</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis derbyi</i>
Apodiformes	Trochilidae	<i>Eriocnemis glaucopoides</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis glaucopoides</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis glaucopoides</i>
Apodiformes	Trochilidae	<i>Eriocnemis godini</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis godini</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis godini</i>
Apodiformes	Trochilidae	<i>Eriocnemis isabellae</i> ⁷	Caprimulgiformes	Trochilidae	<i>Eriocnemis isabellae</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis isabellae</i>
Apodiformes	Trochilidae	<i>Eriocnemis luciani</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis luciani</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis luciani</i> (ssp. <i>meridae, luciani, baptistae</i>)
						Caprimulgiformes	Trochilidae	<i>Eriocnemis sapphiropygia</i> (ssp. <i>catharina, sapphiropygia</i>)
Apodiformes	Trochilidae	<i>Eriocnemis mirabilis</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis mirabilis</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis mirabilis</i>
Apodiformes	Trochilidae	<i>Eriocnemis mosquera</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis mosquera</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis mosquera</i>
Apodiformes	Trochilidae	<i>Eriocnemis nigrivestis</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis nigrivestis</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis nigrivestis</i>
Apodiformes	Trochilidae	<i>Eriocnemis vestita</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis vestita</i>	Caprimulgiformes	Trochilidae	<i>Eriocnemis vestita</i>
Apodiformes	Trochilidae	<i>Eugenes fulgens</i>	Caprimulgiformes	Trochilidae	<i>Eugenes fulgens</i>	Caprimulgiformes	Trochilidae	<i>Eugenes fulgens</i>
Apodiformes	Trochilidae	<i>Eulampis holosericeus</i>	Caprimulgiformes	Trochilidae	<i>Eulampis holosericeus</i>	Caprimulgiformes	Trochilidae	<i>Eulampis holosericeus</i>
Apodiformes	Trochilidae	<i>Eulampis jugularis</i>	Caprimulgiformes	Trochilidae	<i>Eulampis jugularis</i>	Caprimulgiformes	Trochilidae	<i>Eulampis jugularis</i>
Apodiformes	Trochilidae	<i>Eulidia yarrellii</i>	Caprimulgiformes	Trochilidae	<i>Eulidia yarrellii</i>	Caprimulgiformes	Trochilidae	<i>Eulidia yarrellii</i>
Apodiformes	Trochilidae	<i>Eupetomena macroura</i>	Caprimulgiformes	Trochilidae	<i>Eupetomena macroura</i>	Caprimulgiformes	Trochilidae	<i>Eupetomena macroura</i>
Apodiformes	Trochilidae	<i>Eupherusa cyanophrys</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa cyanophrys</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa cyanophrys</i>
Apodiformes	Trochilidae	<i>Eupherusa eximia</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa eximia</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa eximia</i>
Apodiformes	Trochilidae	<i>Eupherusa nigriventris</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa nigriventris</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa nigriventris</i>
Apodiformes	Trochilidae	<i>Eupherusa</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa poliocerca</i>	Caprimulgiformes	Trochilidae	<i>Eupherusa poliocerca</i>

⁷ Cortés-Diago et al. (2007); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>poliocerca</i>						
Apodiformes	Trochilidae	<i>Eutoxeres aquila</i>	Caprimulgiformes	Trochilidae	<i>Eutoxeres aquila</i>	Caprimulgiformes	Trochilidae	<i>Eutoxeres aquila</i>
Apodiformes	Trochilidae	<i>Eutoxeres condamini</i>	Caprimulgiformes	Trochilidae	<i>Eutoxeres condamini</i>	Caprimulgiformes	Trochilidae	<i>Eutoxeres condamini</i>
Apodiformes	Trochilidae	<i>Florisuga fusca</i>	Caprimulgiformes	Trochilidae	<i>Florisuga fusca</i>	Caprimulgiformes	Trochilidae	<i>Florisuga fusca</i>
Apodiformes	Trochilidae	<i>Florisuga mellivora</i>	Caprimulgiformes	Trochilidae	<i>Florisuga mellivora</i>	Caprimulgiformes	Trochilidae	<i>Florisuga mellivora</i>
Apodiformes	Trochilidae	<i>Glaucis aeneus</i>	Caprimulgiformes	Trochilidae	<i>Glaucis aeneus</i>	Caprimulgiformes	Trochilidae	<i>Glaucis aeneus</i>
Apodiformes	Trochilidae	<i>Glaucis dohrnii</i>	Caprimulgiformes	Trochilidae	<i>Glaucis dohrnii</i>	Caprimulgiformes	Trochilidae	<i>Glaucis dohrnii</i>
Apodiformes	Trochilidae	<i>Glaucis hirsutus</i>	Caprimulgiformes	Trochilidae	<i>Glaucis hirsutus</i>	Caprimulgiformes	Trochilidae	<i>Glaucis hirsutus</i>
Apodiformes	Trochilidae	<i>Goethalsia bella</i>	Caprimulgiformes	Trochilidae	<i>Goethalsia bella</i>	Caprimulgiformes	Trochilidae	<i>Goethalsia bella</i>
Apodiformes	Trochilidae	<i>Goldmania violiceps</i>	Caprimulgiformes	Trochilidae	<i>Goldmania violiceps</i>	Caprimulgiformes	Trochilidae	<i>Goldmania violiceps</i>
Apodiformes	Trochilidae	<i>Haplophaedia assimilis</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia assimilis</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia assimilis</i>
Apodiformes	Trochilidae	<i>Haplophaedia aureliae</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia aureliae</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia aureliae</i>
Apodiformes	Trochilidae	<i>Haplophaedia lugens</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia lugens</i>	Caprimulgiformes	Trochilidae	<i>Haplophaedia lugens</i>
Apodiformes	Trochilidae	<i>Heliactin bilophus</i>	Caprimulgiformes	Trochilidae	<i>Heliactin bilophus</i>	Caprimulgiformes	Trochilidae	<i>Heliactin bilophus</i>
Apodiformes	Trochilidae	<i>Heliangelus amethysticollis</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus amethysticollis</i> (ssp. <i>violiceps</i> , <i>clarisse</i> , <i>laticlavus</i> , <i>decolor</i> , <i>apurimacensis</i> , <i>amethysticollis</i>)	Caprimulgiformes	Trochilidae	<i>Heliangelus amethysticollis</i> (ssp. <i>laticlavus</i> , <i>decolor</i> , <i>apurimacensis</i> , <i>amethysticollis</i>)
			Caprimulgiformes	Trochilidae	<i>Heliangelus clarisse</i> (ssp. <i>violiceps</i> , <i>verdiscutus</i> , <i>clarisse</i>)	Caprimulgiformes	Trochilidae	<i>Heliangelus clarisse</i> (ssp. <i>violiceps</i> , <i>verdiscutus</i> , <i>clarisse</i>)
			Caprimulgiformes	Trochilidae	<i>Heliangelus spencei</i> (ssp. <i>spencei</i>)	Caprimulgiformes	Trochilidae	<i>Heliangelus spencei</i> (ssp. <i>spencei</i>)
Apodiformes	Trochilidae	<i>Heliangelus exortis</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus exortis</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus exortis</i>
Apodiformes	Trochilidae	<i>Heliangelus mavors</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus mavors</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus mavors</i>
Apodiformes	Trochilidae	<i>Heliangelus micraster</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus micraster</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus micraster</i>
Apodiformes	Trochilidae	<i>Heliangelus regalis</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus regalis</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus regalis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Heliangelus strophianus</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus strophianus</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus strophianus</i>
Apodiformes	Trochilidae	<i>Heliangelus viola</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus viola</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus viola</i>
Apodiformes	Trochilidae	<i>Heliangelus zusii</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus zusii</i>	Caprimulgiformes	Trochilidae	<i>Heliangelus zusii</i>
Apodiformes	Trochilidae	<i>Heliodoxa aurescens</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa aurescens</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa aurescens</i>
Apodiformes	Trochilidae	<i>Heliodoxa branickii</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa branickii</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa branickii</i>
Apodiformes	Trochilidae	<i>Heliodoxa gularis</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa gularis</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa gularis</i>
Apodiformes	Trochilidae	<i>Heliodoxa imperatrix</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa imperatrix</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa imperatrix</i>
Apodiformes	Trochilidae	<i>Heliodoxa jacula</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa jacula</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa jacula</i>
Apodiformes	Trochilidae	<i>Heliodoxa leadbeateri</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa leadbeateri</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa leadbeateri</i>
Apodiformes	Trochilidae	<i>Heliodoxa rubinoides</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa rubinoides</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa rubinoides</i>
Apodiformes	Trochilidae	<i>Heliodoxa schreibersii</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa schreibersii</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa schreibersii</i> (ssp. <i>schreibersii</i>)
						Caprimulgiformes	Trochilidae	<i>Heliodoxa whitelyana</i> (ssp. <i>whitelyana</i>)
Apodiformes	Trochilidae	<i>Heliodoxa xanthogonys</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa xanthogonys</i>	Caprimulgiformes	Trochilidae	<i>Heliodoxa xanthogonys</i>
Apodiformes	Trochilidae	<i>Heliomaster constantii</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster constantii</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster constantii</i>
Apodiformes	Trochilidae	<i>Heliomaster furcifer</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster furcifer</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster furcifer</i>
Apodiformes	Trochilidae	<i>Heliomaster longirostris</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster longirostris</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster longirostris</i>
Apodiformes	Trochilidae	<i>Heliomaster squamosus</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster squamosus</i>	Caprimulgiformes	Trochilidae	<i>Heliomaster squamosus</i>
Apodiformes	Trochilidae	<i>Heliiothryx auritus</i>	Caprimulgiformes	Trochilidae	<i>Heliiothryx auritus</i>	Caprimulgiformes	Trochilidae	<i>Heliiothryx auritus</i>
Apodiformes	Trochilidae	<i>Heliiothryx barroti</i>	Caprimulgiformes	Trochilidae	<i>Heliiothryx barroti</i>	Caprimulgiformes	Trochilidae	<i>Heliiothryx barroti</i>
Apodiformes	Trochilidae	<i>Hylocharis chrysura</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis chrysura</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis chrysura</i>
Apodiformes	Trochilidae	<i>Hylocharis cyanus</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis cyanus</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis cyanus</i>
Apodiformes	Trochilidae	<i>Hylocharis eliciae</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis eliciae</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis eliciae</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Hylocharis grayi</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis grayi</i> (ssp. <i>grayi</i>)	Caprimulgiformes	Trochilidae	<i>Amazilia grayi</i> (ssp. <i>grayi</i>)
			Caprimulgiformes	Trochilidae	<i>Hylocharis humboldti</i> (ssp. <i>humboldti</i>)	Caprimulgiformes	Trochilidae	<i>Amazilia humboldti</i> (ssp. <i>humboldti</i>)
Apodiformes	Trochilidae	<i>Hylocharis sapphirina</i>	Caprimulgiformes	Trochilidae	<i>Hylocharis sapphirina</i>	Caprimulgiformes	Trochilidae	<i>Amazilia sapphirina</i>
Apodiformes	Trochilidae	<i>Hylonympha macrocerca</i>	Caprimulgiformes	Trochilidae	<i>Hylonympha macrocerca</i>	Caprimulgiformes	Trochilidae	<i>Hylonympha macrocerca</i>
Apodiformes	Trochilidae	<i>Klais guimeti</i>	Caprimulgiformes	Trochilidae	<i>Klais guimeti</i>	Caprimulgiformes	Trochilidae	<i>Klais guimeti</i>
Apodiformes	Trochilidae	<i>Lafresnaya lafresnayi</i>	Caprimulgiformes	Trochilidae	<i>Lafresnaya lafresnayi</i>	Caprimulgiformes	Trochilidae	<i>Lafresnaya lafresnayi</i>
Apodiformes	Trochilidae	<i>Lampornis amethystinus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis amethystinus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis amethystinus</i>
Apodiformes	Trochilidae	<i>Lampornis calolaemus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis calolaemus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis calolaemus</i>
Apodiformes	Trochilidae	<i>Lampornis castaneiventris</i>	Caprimulgiformes	Trochilidae	<i>Lampornis castaneiventris</i>	Caprimulgiformes	Trochilidae	<i>Lampornis castaneiventris</i> (ssp. <i>castaneiventris</i>)
						Caprimulgiformes	Trochilidae	<i>Lampornis cinereicauda</i> (ssp. <i>cinereicauda</i>)
Apodiformes	Trochilidae	<i>Lampornis clemenciae</i>	Caprimulgiformes	Trochilidae	<i>Lampornis clemenciae</i>	Caprimulgiformes	Trochilidae	<i>Lampornis clemenciae</i>
Apodiformes	Trochilidae	<i>Lampornis hemileucus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis hemileucus</i>	Caprimulgiformes	Trochilidae	<i>Lampornis hemileucus</i>
Apodiformes	Trochilidae	<i>Lampornis sybillae</i>	Caprimulgiformes	Trochilidae	<i>Lampornis sybillae</i>	Caprimulgiformes	Trochilidae	<i>Lampornis sybillae</i>
Apodiformes	Trochilidae	<i>Lampornis viridipallens</i>	Caprimulgiformes	Trochilidae	<i>Lampornis viridipallens</i>	Caprimulgiformes	Trochilidae	<i>Lampornis viridipallens</i>
Apodiformes	Trochilidae	<i>Lamprolaima rhami</i>	Caprimulgiformes	Trochilidae	<i>Lamprolaima rhami</i>	Caprimulgiformes	Trochilidae	<i>Lamprolaima rhami</i>
Apodiformes	Trochilidae	<i>Lepidopyga coeruleogularis</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga coeruleogularis</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga coeruleogularis</i>
Apodiformes	Trochilidae	<i>Lepidopyga goudoti</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga goudoti</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga goudoti</i>
Apodiformes	Trochilidae	<i>Lepidopyga lilliae</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga lilliae</i>	Caprimulgiformes	Trochilidae	<i>Lepidopyga lilliae</i>
Apodiformes	Trochilidae	<i>Lesbia nuna</i>	Caprimulgiformes	Trochilidae	<i>Lesbia nuna</i>	Caprimulgiformes	Trochilidae	<i>Lesbia nuna</i>
Apodiformes	Trochilidae	<i>Lesbia victoriae</i>	Caprimulgiformes	Trochilidae	<i>Lesbia victoriae</i>	Caprimulgiformes	Trochilidae	<i>Lesbia victoriae</i>
Apodiformes	Trochilidae	<i>Leucippus baeri</i>	Caprimulgiformes	Trochilidae	<i>Leucippus baeri</i>	Caprimulgiformes	Trochilidae	<i>Leucippus baeri</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Leucippus chlorocercus</i>	Caprimulgiformes	Trochilidae	<i>Leucippus chlorocercus</i>	Caprimulgiformes	Trochilidae	<i>Leucippus chlorocercus</i>
Apodiformes	Trochilidae	<i>Leucippus fallax</i>	Caprimulgiformes	Trochilidae	<i>Leucippus fallax</i>	Caprimulgiformes	Trochilidae	<i>Leucippus fallax</i>
Apodiformes	Trochilidae	<i>Leucippus taczanowskii</i>	Caprimulgiformes	Trochilidae	<i>Leucippus taczanowskii</i>	Caprimulgiformes	Trochilidae	<i>Leucippus taczanowskii</i>
Apodiformes	Trochilidae	<i>Leucochloris albicollis</i>	Caprimulgiformes	Trochilidae	<i>Leucochloris albicollis</i>	Caprimulgiformes	Trochilidae	<i>Leucochloris albicollis</i>
Apodiformes	Trochilidae	<i>Loddigesia mirabilis</i>	Caprimulgiformes	Trochilidae	<i>Loddigesia mirabilis</i>	Caprimulgiformes	Trochilidae	<i>Loddigesia mirabilis</i>
Apodiformes	Trochilidae	<i>Lophornis adorabilis</i>	Caprimulgiformes	Trochilidae	<i>Lophornis adorabilis</i>	Caprimulgiformes	Trochilidae	<i>Lophornis adorabilis</i>
Apodiformes	Trochilidae	<i>Lophornis brachylophus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis brachylophus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis brachylophus</i>
Apodiformes	Trochilidae	<i>Lophornis chalybeus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis chalybeus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis chalybeus</i> (ssp. <i>chalybeus</i>)
						Caprimulgiformes	Trochilidae	<i>Lophornis verreauxii</i> (ssp. <i>klagesi, verreauxii</i>)
Apodiformes	Trochilidae	<i>Lophornis delattrei</i>	Caprimulgiformes	Trochilidae	<i>Lophornis delattrei</i>	Caprimulgiformes	Trochilidae	<i>Lophornis delattrei</i>
Apodiformes	Trochilidae	<i>Lophornis gouldii</i>	Caprimulgiformes	Trochilidae	<i>Lophornis gouldii</i>	Caprimulgiformes	Trochilidae	<i>Lophornis gouldii</i>
Apodiformes	Trochilidae	<i>Lophornis helenae</i>	Caprimulgiformes	Trochilidae	<i>Lophornis helenae</i>	Caprimulgiformes	Trochilidae	<i>Lophornis helenae</i>
Apodiformes	Trochilidae	<i>Lophornis magnificus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis magnificus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis magnificus</i>
Apodiformes	Trochilidae	<i>Lophornis ornatus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis ornatus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis ornatus</i>
Apodiformes	Trochilidae	<i>Lophornis pavoninus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis pavoninus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis pavoninus</i>
Apodiformes	Trochilidae	<i>Lophornis stictolophus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis stictolophus</i>	Caprimulgiformes	Trochilidae	<i>Lophornis stictolophus</i>
Apodiformes	Trochilidae	<i>Mellisuga helenae</i>	Caprimulgiformes	Trochilidae	<i>Mellisuga helenae</i>	Caprimulgiformes	Trochilidae	<i>Mellisuga helenae</i>
Apodiformes	Trochilidae	<i>Mellisuga minima</i>	Caprimulgiformes	Trochilidae	<i>Mellisuga minima</i>	Caprimulgiformes	Trochilidae	<i>Mellisuga minima</i>
Apodiformes	Trochilidae	<i>Metallura aeneocauda</i>	Caprimulgiformes	Trochilidae	<i>Metallura aeneocauda</i>	Caprimulgiformes	Trochilidae	<i>Metallura aeneocauda</i>
Apodiformes	Trochilidae	<i>Metallura baroni</i>	Caprimulgiformes	Trochilidae	<i>Metallura baroni</i>	Caprimulgiformes	Trochilidae	<i>Metallura baroni</i>
Apodiformes	Trochilidae	<i>Metallura eupogon</i>	Caprimulgiformes	Trochilidae	<i>Metallura eupogon</i>	Caprimulgiformes	Trochilidae	<i>Metallura eupogon</i>
Apodiformes	Trochilidae	<i>Metallura iracunda</i>	Caprimulgiformes	Trochilidae	<i>Metallura iracunda</i>	Caprimulgiformes	Trochilidae	<i>Metallura iracunda</i>
Apodiformes	Trochilidae	<i>Metallura odomae</i>	Caprimulgiformes	Trochilidae	<i>Metallura odomae</i>	Caprimulgiformes	Trochilidae	<i>Metallura odomae</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Metallura phoebe</i>	Caprimulgiformes	Trochilidae	<i>Metallura phoebe</i>	Caprimulgiformes	Trochilidae	<i>Metallura phoebe</i>
Apodiformes	Trochilidae	<i>Metallura theresiae</i>	Caprimulgiformes	Trochilidae	<i>Metallura theresiae</i>	Caprimulgiformes	Trochilidae	<i>Metallura theresiae</i>
Apodiformes	Trochilidae	<i>Metallura tyrianthina</i>	Caprimulgiformes	Trochilidae	<i>Metallura tyrianthina</i>	Caprimulgiformes	Trochilidae	<i>Metallura tyrianthina</i>
Apodiformes	Trochilidae	<i>Metallura williami</i>	Caprimulgiformes	Trochilidae	<i>Metallura williami</i>	Caprimulgiformes	Trochilidae	<i>Metallura williami</i>
Apodiformes	Trochilidae	<i>Microchera albocoronata</i>	Caprimulgiformes	Trochilidae	<i>Microchera albocoronata</i>	Caprimulgiformes	Trochilidae	<i>Microchera albocoronata</i>
Apodiformes	Trochilidae	<i>Microstilbon burmeisteri</i>	Caprimulgiformes	Trochilidae	<i>Microstilbon burmeisteri</i>	Caprimulgiformes	Trochilidae	<i>Microstilbon burmeisteri</i>
Apodiformes	Trochilidae	<i>Myrmia micrura</i>	Caprimulgiformes	Trochilidae	<i>Myrmia micrura</i>	Caprimulgiformes	Trochilidae	<i>Myrmia micrura</i>
Apodiformes	Trochilidae	<i>Myrtis fanny</i>	Caprimulgiformes	Trochilidae	<i>Myrtis fanny</i>	Caprimulgiformes	Trochilidae	<i>Myrtis fanny</i>
Apodiformes	Trochilidae	<i>Ocreatus underwoodii</i>	Caprimulgiformes	Trochilidae	<i>Ocreatus underwoodii</i>	Caprimulgiformes	Trochilidae	<i>Ocreatus underwoodii</i>
Apodiformes	Trochilidae	<i>Opisthoprora euryptera</i>	Caprimulgiformes	Trochilidae	<i>Opisthoprora euryptera</i>	Caprimulgiformes	Trochilidae	<i>Opisthoprora euryptera</i>
Apodiformes	Trochilidae	<i>Oreonympha nobilis</i>	Caprimulgiformes	Trochilidae	<i>Oreonympha nobilis</i>	Caprimulgiformes	Trochilidae	<i>Oreonympha nobilis</i> (ssp. <i>nobilis</i>)
						Caprimulgiformes	Trochilidae	<i>Oreonympha albolimbata</i> (ssp. <i>albolimbata</i>)
Apodiformes	Trochilidae	<i>Oreotrochilus adela</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus adela</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus adela</i>
Apodiformes	Trochilidae	<i>Oreotrochilus chimborazo</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus chimborazo</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus chimborazo</i>
Apodiformes	Trochilidae	<i>Oreotrochilus estella</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus estella</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus estella</i>
						Caprimulgiformes	Trochilidae	<i>Oreotrochilus stolzmanni</i>
Apodiformes	Trochilidae	<i>Oreotrochilus leucopleurus</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus leucopleurus</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus leucopleurus</i>
Apodiformes	Trochilidae	<i>Oreotrochilus melanogaster</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus melanogaster</i>	Caprimulgiformes	Trochilidae	<i>Oreotrochilus melanogaster</i>
Apodiformes	Trochilidae	<i>Orthorhyncus cristatus</i>	Caprimulgiformes	Trochilidae	<i>Orthorhyncus cristatus</i>	Caprimulgiformes	Trochilidae	<i>Orthorhyncus cristatus</i>
Apodiformes	Trochilidae	<i>Oxypogon guerinii</i>	Caprimulgiformes	Trochilidae	<i>Oxypogon guerinii</i>	Caprimulgiformes	Trochilidae	<i>Oxypogon cyanoaemus</i> (ssp. <i>cyanoaemus</i>)
						Caprimulgiformes	Trochilidae	<i>Oxypogon guerinii</i> (ssp. <i>guerinii</i>)

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Order	Family	Species	Order	Family	Species	Order	Family	Species
								<i>guerinii</i>
						Caprimulgiformes	Trochilidae	<i>Oxygogon lindenii</i> (ssp. <i>lindenii</i>)
						Caprimulgiformes	Trochilidae	<i>Oxygogon stuebelii</i> (ssp. <i>stuebelii</i>)
Apodiformes	Trochilidae	<i>Panterpe insignis</i>	Caprimulgiformes	Trochilidae	<i>Panterpe insignis</i>	Caprimulgiformes	Trochilidae	<i>Panterpe insignis</i>
Apodiformes	Trochilidae	<i>Patagona gigas</i>	Caprimulgiformes	Trochilidae	<i>Patagona gigas</i>	Caprimulgiformes	Trochilidae	<i>Patagona gigas</i>
Apodiformes	Trochilidae	<i>Phaethornis aethopyga</i> ⁸	Caprimulgiformes	Trochilidae	<i>Phaethornis aethopygus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis aethopygus</i>
Apodiformes	Trochilidae	<i>Phaethornis anthophilus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis anthophilus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis anthophilus</i>
Apodiformes	Trochilidae	<i>Phaethornis atrimentalis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis atrimentalis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis atrimentalis</i>
Apodiformes	Trochilidae	<i>Phaethornis augusti</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis augusti</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis augusti</i>
Apodiformes	Trochilidae	<i>Phaethornis bourcierii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis bourcierii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis bourcierii</i>
Apodiformes	Trochilidae	<i>Phaethornis eurynome</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis eurynome</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis eurynome</i>
Apodiformes	Trochilidae	<i>Phaethornis griseogularis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis griseogularis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis griseogularis</i> (ssp. <i>griseogularis</i> , <i>zonura</i>)
						Caprimulgiformes	Trochilidae	<i>Phaethornis porcellae</i> (ssp. <i>porcellae</i>)
Apodiformes	Trochilidae	<i>Phaethornis guy</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis guy</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis guy</i>
Apodiformes	Trochilidae	<i>Phaethornis hispidus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis hispidus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis hispidus</i>
Apodiformes	Trochilidae	<i>Phaethornis idaliae</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis idaliae</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis idaliae</i>
Apodiformes	Trochilidae	<i>Phaethornis koepckeae</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis koepckeae</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis koepckeae</i>
Apodiformes	Trochilidae	<i>Phaethornis longirostris</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis longirostris</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis baroni</i> (ssp. <i>baroni</i>)

⁸ Piacentini et al. (2009); treated as a hybrid in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Caprimulgiformes	Trochilidae	<i>Phaethornis longirostris</i> (ssp. <i>longirostris</i> , <i>cephalus</i> , <i>susurrus</i>)
						Caprimulgiformes	Trochilidae	<i>Phaethornis mexicanus</i> (ssp. <i>griseoventer</i> , <i>mexicanus</i>)
Apodiformes	Trochilidae	<i>Phaethornis longuemareus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis longuemareus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis longuemareus</i>
Apodiformes	Trochilidae	<i>Phaethornis malaris</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis malaris</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis malaris</i>
Apodiformes	Trochilidae	<i>Phaethornis nattereri</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis nattereri</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis nattereri</i>
Apodiformes	Trochilidae	<i>Phaethornis philippii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis philippii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis philippii</i>
Apodiformes	Trochilidae	<i>Phaethornis pretrei</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis pretrei</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis pretrei</i>
Apodiformes	Trochilidae	<i>Phaethornis ruber</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis ruber</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis ruber</i>
Apodiformes	Trochilidae	<i>Phaethornis rupurumii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis rupurumii</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis rupurumii</i>
Apodiformes	Trochilidae	<i>Phaethornis squalidus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis squalidus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis squalidus</i>
Apodiformes	Trochilidae	<i>Phaethornis striigularis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis striigularis</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis striigularis</i>
Apodiformes	Trochilidae	<i>Phaethornis stuarti</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis stuarti</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis stuarti</i>
Apodiformes	Trochilidae	<i>Phaethornis subochraceus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis subochraceus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis subochraceus</i>
Apodiformes	Trochilidae	<i>Phaethornis superciliosus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis superciliosus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis superciliosus</i>
Apodiformes	Trochilidae	<i>Phaethornis syrmatophorus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis syrmatophorus</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis syrmatophorus</i>
Apodiformes	Trochilidae	<i>Phaethornis yaruqui</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis yaruqui</i>	Caprimulgiformes	Trochilidae	<i>Phaethornis yaruqui</i>
Apodiformes	Trochilidae	<i>Phlogophilus harterti</i>	Caprimulgiformes	Trochilidae	<i>Phlogophilus harterti</i>	Caprimulgiformes	Trochilidae	<i>Phlogophilus harterti</i>
Apodiformes	Trochilidae	<i>Phlogophilus hemileucurus</i>	Caprimulgiformes	Trochilidae	<i>Phlogophilus hemileucurus</i>	Caprimulgiformes	Trochilidae	<i>Phlogophilus hemileucurus</i>
Apodiformes	Trochilidae	<i>Polyonyx caroli</i>	Caprimulgiformes	Trochilidae	<i>Polyonyx caroli</i>	Caprimulgiformes	Trochilidae	<i>Polyonyx caroli</i>
Apodiformes	Trochilidae	<i>Polytmus guainumbi</i>	Caprimulgiformes	Trochilidae	<i>Polytmus guainumbi</i>	Caprimulgiformes	Trochilidae	<i>Polytmus guainumbi</i>
Apodiformes	Trochilidae	<i>Polytmus milleri</i>	Caprimulgiformes	Trochilidae	<i>Polytmus milleri</i>	Caprimulgiformes	Trochilidae	<i>Polytmus milleri</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Polytmus theresiae</i>	Caprimulgiformes	Trochilidae	<i>Polytmus theresiae</i>	Caprimulgiformes	Trochilidae	<i>Polytmus theresiae</i>
Apodiformes	Trochilidae	<i>Pterophanes cyanopterus</i>	Caprimulgiformes	Trochilidae	<i>Pterophanes cyanopterus</i>	Caprimulgiformes	Trochilidae	<i>Pterophanes cyanopterus</i>
Apodiformes	Trochilidae	<i>Ramphodon naevius</i>	Caprimulgiformes	Trochilidae	<i>Ramphodon naevius</i>	Caprimulgiformes	Trochilidae	<i>Ramphodon naevius</i>
Apodiformes	Trochilidae	<i>Ramphomicron dorsale</i>	Caprimulgiformes	Trochilidae	<i>Ramphomicron dorsale</i>	Caprimulgiformes	Trochilidae	<i>Ramphomicron dorsale</i>
Apodiformes	Trochilidae	<i>Ramphomicron microrhynchum</i>	Caprimulgiformes	Trochilidae	<i>Ramphomicron microrhynchum</i>	Caprimulgiformes	Trochilidae	<i>Ramphomicron microrhynchum</i>
Apodiformes	Trochilidae	<i>Rhodopsis vesper</i>	Caprimulgiformes	Trochilidae	<i>Rhodopsis vesper</i>	Caprimulgiformes	Trochilidae	<i>Rhodopsis vesper</i>
Apodiformes	Trochilidae	<i>Sappho sparganura</i>	Caprimulgiformes	Trochilidae	<i>Sappho sparganurus</i>	Caprimulgiformes	Trochilidae	<i>Sappho sparganurus</i>
Apodiformes	Trochilidae	<i>Schistes geoffroyi</i>	Caprimulgiformes	Trochilidae	<i>Schistes geoffroyi</i>	Caprimulgiformes	Trochilidae	<i>Schistes albogularis</i> (ssp. <i>albogularis</i>)
						Caprimulgiformes	Trochilidae	<i>Schistes geoffroyi</i> (ssp. <i>geoffroyi</i>, <i>chapmani</i>)
Apodiformes	Trochilidae	<i>Selasphorus ardens</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus ardens</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus ardens</i>
Apodiformes	Trochilidae	<i>Selasphorus flammula</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus flammula</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus flammula</i>
Apodiformes	Trochilidae	<i>Selasphorus platycercus</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus platycercus</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus platycercus</i>
Apodiformes	Trochilidae	<i>Selasphorus rufus</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus rufus</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus rufus</i>
Apodiformes	Trochilidae	<i>Selasphorus sasin</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus sasin</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus sasin</i>
Apodiformes	Trochilidae	<i>Selasphorus scintilla</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus scintilla</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus scintilla</i>
Apodiformes	Trochilidae	<i>Sephanoides fernandensis</i>	Caprimulgiformes	Trochilidae	<i>Sephanoides fernandensis</i>	Caprimulgiformes	Trochilidae	<i>Sephanoides fernandensis</i>
Apodiformes	Trochilidae	<i>Sephanoides sephanoides</i> ⁹	Caprimulgiformes	Trochilidae	<i>Sephanoides sephanoides</i>	Caprimulgiformes	Trochilidae	<i>Sephanoides sephanoides</i>
Apodiformes	Trochilidae	<i>Stellula calliope</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus calliope</i>	Caprimulgiformes	Trochilidae	<i>Selasphorus calliope</i>
Apodiformes	Trochilidae	<i>Stephanoxis lalandi</i>	Caprimulgiformes	Trochilidae	<i>Stephanoxis lalandi</i>	Caprimulgiformes	Trochilidae	<i>Stephanoxis lalandi</i> (ssp. <i>lalandi</i>)
						Caprimulgiformes	Trochilidae	<i>Stephanoxis loddigesii</i> (ssp. <i>loddigesii</i>)

⁹ Dickinson (2005); *Sephanoides sephanoides* in H&M3

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Order	Family	Species	Order	Family	Species	Order	Family	Species
Apodiformes	Trochilidae	<i>Sternoclyta cyanopectus</i>	Caprimulgiformes	Trochilidae	<i>Sternoclyta cyanopectus</i>	Caprimulgiformes	Trochilidae	<i>Sternoclyta cyanopectus</i>
Apodiformes	Trochilidae	<i>Taphrolesia griseiventris</i>	Caprimulgiformes	Trochilidae	<i>Taphrolesia griseiventris</i>	Caprimulgiformes	Trochilidae	<i>Taphrolesia griseiventris</i>
Apodiformes	Trochilidae	<i>Taphrospilus hypostictus</i>	Caprimulgiformes	Trochilidae	<i>Taphrospilus hypostictus</i>	Caprimulgiformes	Trochilidae	<i>Taphrospilus hypostictus</i>
Apodiformes	Trochilidae	<i>Thalurania colombica</i>	Caprimulgiformes	Trochilidae	<i>Thalurania colombica</i> (including ssp. <i>fannyae</i>)	Caprimulgiformes	Trochilidae	<i>Thalurania colombica</i> (including ssp. <i>fannyae</i>)
Apodiformes	Trochilidae	<i>Thalurania fannyi</i>	Caprimulgiformes	Trochilidae	<i>Thalurania colombica fannyae</i>	Caprimulgiformes	Trochilidae	<i>Thalurania colombica fannyae</i>
Apodiformes	Trochilidae	<i>Thalurania furcata</i>	Caprimulgiformes	Trochilidae	<i>Thalurania furcata</i>	Caprimulgiformes	Trochilidae	<i>Thalurania furcata</i>
Apodiformes	Trochilidae	<i>Thalurania glaucopis</i>	Caprimulgiformes	Trochilidae	<i>Thalurania glaucopis</i>	Caprimulgiformes	Trochilidae	<i>Thalurania glaucopis</i>
Apodiformes	Trochilidae	<i>Thalurania ridgwayi</i>	Caprimulgiformes	Trochilidae	<i>Thalurania ridgwayi</i>	Caprimulgiformes	Trochilidae	<i>Thalurania ridgwayi</i>
Apodiformes	Trochilidae	<i>Thalurania watertonii</i>	Caprimulgiformes	Trochilidae	<i>Thalurania watertonii</i>	Caprimulgiformes	Trochilidae	<i>Thalurania watertonii</i>
Apodiformes	Trochilidae	<i>Thaumastura cora</i>	Caprimulgiformes	Trochilidae	<i>Thaumastura cora</i>	Caprimulgiformes	Trochilidae	<i>Thaumastura cora</i>
Apodiformes	Trochilidae	<i>Threnetes niger</i>	Caprimulgiformes	Trochilidae	<i>Threnetes leucurus</i> (ssp. <i>cervinicauda</i> , <i>rufigastra</i> , <i>leucurus</i> , <i>medianus</i>)	Caprimulgiformes	Trochilidae	<i>Threnetes leucurus</i> (ssp. <i>cervinicauda</i> , <i>rufigastra</i> , <i>leucurus</i> , <i>loehkeni</i> , <i>medianus</i>)
			Caprimulgiformes	Trochilidae	<i>Threnetes niger</i> (ssp. <i>niger</i>)	Caprimulgiformes	Trochilidae	<i>Threnetes niger</i> (ssp. <i>niger</i>)
Apodiformes	Trochilidae	<i>Threnetes ruckeri</i>	Caprimulgiformes	Trochilidae	<i>Threnetes ruckeri</i>	Caprimulgiformes	Trochilidae	<i>Threnetes ruckeri</i>
Apodiformes	Trochilidae	<i>Tilmatura dupontii</i>	Caprimulgiformes	Trochilidae	<i>Tilmatura dupontii</i>	Caprimulgiformes	Trochilidae	<i>Tilmatura dupontii</i>
Apodiformes	Trochilidae	<i>Topaza pella</i>	Caprimulgiformes	Trochilidae	<i>Topaza pella</i>	Caprimulgiformes	Trochilidae	<i>Topaza pella</i>
Apodiformes	Trochilidae	<i>Topaza pyra</i>	Caprimulgiformes	Trochilidae	<i>Topaza pyra</i>	Caprimulgiformes	Trochilidae	<i>Topaza pyra</i>
Apodiformes	Trochilidae	<i>Trochilus polytmus</i>	Caprimulgiformes	Trochilidae	<i>Trochilus polytmus</i>	Caprimulgiformes	Trochilidae	<i>Trochilus polytmus</i>
Apodiformes	Trochilidae	<i>Trochilus scitulus</i>	Caprimulgiformes	Trochilidae	<i>Trochilus scitulus</i>	Caprimulgiformes	Trochilidae	<i>Trochilus scitulus</i>
Apodiformes	Trochilidae	<i>Urochroa bougueri</i>	Caprimulgiformes	Trochilidae	<i>Urochroa bougueri</i>	Caprimulgiformes	Trochilidae	<i>Urochroa bougueri</i> (ssp. <i>bougueri</i>)
			Caprimulgiformes	Trochilidae		Caprimulgiformes	Trochilidae	<i>Urochroa leucura</i> (ssp. <i>leucura</i>)
Apodiformes	Trochilidae	<i>Urosticte benjamini</i>	Caprimulgiformes	Trochilidae	<i>Urosticte benjamini</i> (ssp. <i>benjamini</i>)	Caprimulgiformes	Trochilidae	<i>Urosticte benjamini</i> (ssp. <i>benjamini</i>)

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Order	Family	Species	Order	Family	Species	Order	Family	Species
			Caprimulgiformes	Trochilidae	<i>Urosticte ruficrissa</i> (ssp. <i>ruficrissa</i>)	Caprimulgiformes	Trochilidae	<i>Urosticte ruficrissa</i> (ssp. <i>ruficrissa</i>)
Charadriiformes	Burhinidae	<i>Burhinus bistriatus</i>	Charadriiformes	Burhinidae	<i>Burhinus bistriatus</i>	Charadriiformes	Burhinidae	<i>Burhinus bistriatus</i>
Charadriiformes	Laridae	<i>Larus relictus</i>	Charadriiformes	Laridae	<i>Ichthyaetus relictus</i>	Charadriiformes	Laridae	<i>Larus relictus</i>
Charadriiformes	Scolopacidae	<i>Numenius borealis</i>	Charadriiformes	Scolopacidae	<i>Numenius borealis</i>	Charadriiformes	Scolopacidae	<i>Numenius borealis</i>
Charadriiformes	Scolopacidae	<i>Numenius tenuirostris</i>	Charadriiformes	Scolopacidae	<i>Numenius tenuirostris</i>	Charadriiformes	Scolopacidae	<i>Numenius tenuirostris</i>
Charadriiformes	Scolopacidae	<i>Tringa guttifer</i>	Charadriiformes	Scolopacidae	<i>Tringa guttifer</i>	Charadriiformes	Scolopacidae	<i>Tringa guttifer</i>
Ciconiiformes	Balaenicipitidae	<i>Balaeniceps rex</i>	Pelecaniformes	Balaenicipitidae	<i>Balaeniceps rex</i>	Pelecaniformes	Balaenicipitidae	<i>Balaeniceps rex</i>
Ciconiiformes	Ciconiidae	<i>Ciconia boyciana</i>	Pelecaniformes	Ciconiidae	<i>Ciconia boyciana</i>	Ciconiiformes	Ciconiidae	<i>Ciconia boyciana</i>
Ciconiiformes	Ciconiidae	<i>Ciconia nigra</i>	Pelecaniformes	Ciconiidae	<i>Ciconia nigra</i>	Ciconiiformes	Ciconiidae	<i>Ciconia nigra</i>
Ciconiiformes	Ciconiidae	<i>Jabiru mycteria</i>	Pelecaniformes	Ciconiidae	<i>Jabiru mycteria</i>	Ciconiiformes	Ciconiidae	<i>Jabiru mycteria</i>
Ciconiiformes	Ciconiidae	<i>Mycteria cinerea</i>	Pelecaniformes	Ciconiidae	<i>Mycteria cinerea</i>	Ciconiiformes	Ciconiidae	<i>Mycteria cinerea</i>
Ciconiiformes	Phoenicopteridae	<i>Phoeniconaias minor</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoeniconaias minor</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoeniconaias minor</i>
Ciconiiformes	Phoenicopteridae	<i>Phoenicoparrus andinus</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicoparrus andinus</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicoparrus andinus</i>
Ciconiiformes	Phoenicopteridae	<i>Phoenicoparrus jamesi</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicoparrus jamesi</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicoparrus jamesi</i>
Ciconiiformes	Phoenicopteridae	<i>Phoenicopterus chilensis</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus chilensis</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus chilensis</i>
Ciconiiformes	Phoenicopteridae	<i>Phoenicopterus ruber</i>	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus roseus</i> (ssp. <i>roseus</i>)	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus roseus</i> (ssp. <i>roseus</i>)
			Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus ruber</i> (ssp. <i>ruber</i>)	Phoenicopteriformes	Phoenicopteridae	<i>Phoenicopterus ruber</i> (ssp. <i>ruber</i>)
Ciconiiformes	Threskiornithidae	<i>Eudocimus ruber</i>	Pelecaniformes	Threskiornithidae	<i>Eudocimus ruber</i>	Pelecaniformes	Threskiornithidae	<i>Eudocimus ruber</i>
Ciconiiformes	Threskiornithidae	<i>Geronticus calvus</i>	Pelecaniformes	Threskiornithidae	<i>Geronticus calvus</i>	Pelecaniformes	Threskiornithidae	<i>Geronticus calvus</i>
Ciconiiformes	Threskiornithidae	<i>Geronticus eremita</i>	Pelecaniformes	Threskiornithidae	<i>Geronticus eremita</i>	Pelecaniformes	Threskiornithidae	<i>Geronticus eremita</i>
Ciconiiformes	Threskiornithidae	<i>Nipponia nippon</i>	Pelecaniformes	Threskiornithidae	<i>Nipponia nippon</i>	Pelecaniformes	Threskiornithidae	<i>Nipponia nippon</i>
Ciconiiformes	Threskiornithidae	<i>Platalea leucorodia</i>	Pelecaniformes	Threskiornithidae	<i>Platalea leucorodia</i>	Pelecaniformes	Threskiornithidae	<i>Platalea leucorodia</i>
Columbiformes	Columbidae	<i>Caloenas nicobarica</i>	Columbiformes	Columbidae	<i>Caloenas nicobarica</i>	Columbiformes	Columbidae	<i>Caloenas nicobarica</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Columbiformes	Columbidae	<i>Ducula mindorensis</i>	Columbiformes	Columbidae	<i>Ducula mindorensis</i>	Columbiformes	Columbidae	<i>Ducula mindorensis</i>
Columbiformes	Columbidae	<i>Gallicolumba luzonica</i>	Columbiformes	Columbidae	<i>Gallicolumba luzonica</i>	Columbiformes	Columbidae	<i>Gallicolumba luzonica</i>
Columbiformes	Columbidae	<i>Goura cristata</i>	Columbiformes	Columbidae	<i>Goura cristata</i>	Columbiformes	Columbidae	<i>Goura cristata</i>
Columbiformes	Columbidae	<i>Goura scheepmakeri</i>	Columbiformes	Columbidae	<i>Goura scheepmakeri</i>	Columbiformes	Columbidae	<i>Goura scheepmakeri</i> (ssp. <i>scheepmakeri</i>)
						Columbiformes	Columbidae	<i>Goura sclaterii</i> (ssp. <i>sclaterii</i>)
Columbiformes	Columbidae	<i>Goura victoria</i>	Columbiformes	Columbidae	<i>Goura victoria</i>	Columbiformes	Columbidae	<i>Goura victoria</i>
Columbiformes	Columbidae	<i>Nesoenas mayeri</i>	Columbiformes	Columbidae	<i>Streptopelia mayeri</i>	Columbiformes	Columbidae	<i>Nesoenas mayeri</i>
Coraciiformes	Bucerotidae	<i>Aceros cassidix</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros cassidix</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros cassidix</i>
Coraciiformes	Bucerotidae	<i>Aceros corrugatus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros corrugatus</i>	Bucerotiformes	Bucerotidae	<i>Rhabdotarrhinus corrugatus</i>
Coraciiformes	Bucerotidae	<i>Aceros leucocephalus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros leucocephalus</i>	Bucerotiformes	Bucerotidae	<i>Rhabdotarrhinus leucocephalus</i>
Coraciiformes	Bucerotidae	<i>Aceros nipalensis</i>	Bucerotiformes	Bucerotidae	<i>Aceros nipalensis</i>	Bucerotiformes	Bucerotidae	<i>Aceros nipalensis</i>
Coraciiformes	Bucerotidae	<i>Aceros waldeni</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros waldeni</i>	Bucerotiformes	Bucerotidae	<i>Rhabdotarrhinus waldeni</i>
Coraciiformes	Bucerotidae	<i>Anorrhinus galeritus</i>	Bucerotiformes	Bucerotidae	<i>Anorrhinus galeritus</i>	Bucerotiformes	Bucerotidae	<i>Anorrhinus galeritus</i>
Coraciiformes	Bucerotidae	<i>Anorrhinus tickelli</i>	Bucerotiformes	Bucerotidae	<i>Ptilolaemus austeni</i> (ssp. <i>austeni</i>)	Bucerotiformes	Bucerotidae	<i>Anorrhinus austeni</i> (ssp. <i>austeni</i>)
			Bucerotiformes	Bucerotidae	<i>Ptilolaemus tickelli</i> (ssp. <i>tickelli</i>)	Bucerotiformes	Bucerotidae	<i>Anorrhinus tickelli</i> (ssp. <i>tickelli</i>)
Coraciiformes	Bucerotidae	<i>Anthracoceros albirostris</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros albirostris</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros albirostris</i>
Coraciiformes	Bucerotidae	<i>Anthracoceros coronatus</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros coronatus</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros coronatus</i>
Coraciiformes	Bucerotidae	<i>Anthracoceros malayanus</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros malayanus</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros malayanus</i>
Coraciiformes	Bucerotidae	<i>Anthracoceros marchei</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros marchei</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros marchei</i>
Coraciiformes	Bucerotidae	<i>Anthracoceros montani</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros montani</i>	Bucerotiformes	Bucerotidae	<i>Anthracoceros montani</i>
Coraciiformes	Bucerotidae	<i>Berenicornis comatus</i>	Bucerotiformes	Bucerotidae	<i>Berenicornis comatus</i>	Bucerotiformes	Bucerotidae	<i>Berenicornis comatus</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Coraciiformes	Bucerotidae	<i>Buceros bicornis</i>	Bucerotiformes	Bucerotidae	<i>Buceros bicornis</i>	Bucerotiformes	Bucerotidae	<i>Buceros bicornis</i>
Coraciiformes	Bucerotidae	<i>Buceros hydrocorax</i>	Bucerotiformes	Bucerotidae	<i>Buceros hydrocorax</i>	Bucerotiformes	Bucerotidae	<i>Buceros hydrocorax</i> (ssp. hydrocorax)
						Bucerotiformes	Bucerotidae	<i>Buceros mindanensis</i> (ssp. semigaleatus, mindanensis)
Coraciiformes	Bucerotidae	<i>Buceros rhinoceros</i>	Bucerotiformes	Bucerotidae	<i>Buceros rhinoceros</i>	Bucerotiformes	Bucerotidae	<i>Buceros rhinoceros</i>
Coraciiformes	Bucerotidae	<i>Penelopides exarhatus</i>	Bucerotiformes	Bucerotidae	<i>Penelopides exarhatus</i>	Bucerotiformes	Bucerotidae	<i>Rhabdotorrhinus exarhatus</i>
Coraciiformes	Bucerotidae	<i>Penelopides panini</i>	Bucerotiformes	Bucerotidae	<i>Penelopides panini</i>	Bucerotiformes	Bucerotidae	<i>Penelopides affinis</i> (ssp. samarensis, affinis, basilanicus)
						Bucerotiformes	Bucerotidae	<i>Penelopides manillae</i> (ssp. manillae, subniger)
						Bucerotiformes	Bucerotidae	<i>Penelopides mindorensis</i> (ssp. mindorensis)
						Bucerotiformes	Bucerotidae	<i>Penelopides panini</i> (ssp. ticaensis, panini)
Coraciiformes	Bucerotidae	<i>Rhinoplax vigil</i>	Bucerotiformes	Bucerotidae	<i>Rhinoplax vigil</i>	Bucerotiformes	Bucerotidae	<i>Rhinoplax vigil</i>
Coraciiformes	Bucerotidae	<i>Rhyticeros everetti</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros everetti</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros everetti</i>
Coraciiformes	Bucerotidae	<i>Rhyticeros narcondami</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros narcondami</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros narcondami</i>
Coraciiformes	Bucerotidae	<i>Rhyticeros plicatus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros plicatus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros plicatus</i>
Coraciiformes	Bucerotidae	<i>Rhyticeros subruficollis</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros subruficollis</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros subruficollis</i>
Coraciiformes	Bucerotidae	<i>Rhyticeros undulatus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros undulatus</i>	Bucerotiformes	Bucerotidae	<i>Rhyticeros undulatus</i>
Cuculiformes	Musophagidae	<i>Tauraco bannermani</i>	Musophagiformes	Musophagidae	<i>Tauraco bannermani</i>	Musophagiformes	Musophagidae	<i>Tauraco bannermani</i>
Cuculiformes	Musophagidae	<i>Tauraco corythaix</i>	Musophagiformes	Musophagidae	<i>Tauraco corythaix</i>	Musophagiformes	Musophagidae	<i>Tauraco corythaix</i>
Cuculiformes	Musophagidae	<i>Tauraco erythrolophus</i>	Musophagiformes	Musophagidae	<i>Tauraco erythrolophus</i>	Musophagiformes	Musophagidae	<i>Tauraco erythrolophus</i>
Cuculiformes	Musophagidae	<i>Tauraco fischeri</i>	Musophagiformes	Musophagidae	<i>Tauraco fischeri</i>	Musophagiformes	Musophagidae	<i>Tauraco fischeri</i>
Cuculiformes	Musophagidae	<i>Tauraco hartlaubi</i>	Musophagiformes	Musophagidae	<i>Tauraco hartlaubi</i>	Musophagiformes	Musophagidae	<i>Tauraco hartlaubi</i>
Cuculiformes	Musophagidae	<i>Tauraco leucolophus</i>	Musophagiformes	Musophagidae	<i>Tauraco leucolophus</i>	Musophagiformes	Musophagidae	<i>Tauraco leucolophus</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Cuculiformes	Musophagidae	<i>Tauraco leucotis</i>	Musophagiformes	Musophagidae	<i>Tauraco leucotis</i>	Musophagiformes	Musophagidae	<i>Tauraco leucotis</i>
Cuculiformes	Musophagidae	<i>Tauraco livingstonii</i>	Musophagiformes	Musophagidae	<i>Tauraco livingstonii</i>	Musophagiformes	Musophagidae	<i>Tauraco livingstonii</i>
Cuculiformes	Musophagidae	<i>Tauraco macrorhynchus</i>	Musophagiformes	Musophagidae	<i>Tauraco macrorhynchus</i>	Musophagiformes	Musophagidae	<i>Tauraco macrorhynchus</i>
Cuculiformes	Musophagidae	<i>Tauraco persa</i>	Musophagiformes	Musophagidae	<i>Tauraco persa</i>	Musophagiformes	Musophagidae	<i>Tauraco persa</i>
Cuculiformes	Musophagidae	<i>Tauraco porphyreolophus</i>	Musophagiformes	Musophagidae	<i>Gallirex porphyreolophus</i>	Musophagiformes	Musophagidae	<i>Gallirex porphyreolophus</i>
Cuculiformes	Musophagidae	<i>Tauraco ruspolii</i>	Musophagiformes	Musophagidae	<i>Tauraco ruspolii</i>	Musophagiformes	Musophagidae	<i>Tauraco ruspolii</i>
Cuculiformes	Musophagidae	<i>Tauraco schalowi</i>	Musophagiformes	Musophagidae	<i>Tauraco schalowi</i>	Musophagiformes	Musophagidae	<i>Tauraco schalowi</i>
Cuculiformes	Musophagidae	<i>Tauraco schuettii</i> ¹⁰	Musophagiformes	Musophagidae	<i>Tauraco schuettii</i>	Musophagiformes	Musophagidae	<i>Tauraco schuettii</i>
Cuculiformes	Musophagidae	[not listed on Appendices]	Musophagiformes	Musophagidae	<i>[Tauraco rossae]</i>	Musophagiformes	Musophagidae	<i>[Musophaga rossae]</i>
Cuculiformes	Musophagidae	[not listed on Appendices]	Musophagiformes	Musophagidae	<i>[Tauraco violaceus]</i>	Musophagiformes	Musophagidae	<i>[Musophaga violacea]</i>
Falconiformes	Accipitridae	<i>Accipiter albogularis</i>	Accipitriformes	Accipitridae	<i>Accipiter albogularis</i>	Accipitriformes	Accipitridae	<i>Accipiter albogularis</i>
Falconiformes	Accipitridae	<i>Accipiter badius</i>	Accipitriformes	Accipitridae	<i>Accipiter badius</i>	Accipitriformes	Accipitridae	<i>Accipiter badius</i>
Falconiformes	Accipitridae	<i>Accipiter bicolor</i>	Accipitriformes	Accipitridae	<i>Accipiter bicolor</i>	Accipitriformes	Accipitridae	<i>Accipiter bicolor</i>
Falconiformes	Accipitridae	<i>Accipiter brachyurus</i>	Accipitriformes	Accipitridae	<i>Accipiter brachyurus</i>	Accipitriformes	Accipitridae	<i>Accipiter brachyurus</i>
Falconiformes	Accipitridae	<i>Accipiter brevipes</i>	Accipitriformes	Accipitridae	<i>Accipiter brevipes</i>	Accipitriformes	Accipitridae	<i>Accipiter brevipes</i>
Falconiformes	Accipitridae	<i>Accipiter butleri</i>	Accipitriformes	Accipitridae	<i>Accipiter butleri</i>	Accipitriformes	Accipitridae	<i>Accipiter butleri</i>
Falconiformes	Accipitridae	<i>Accipiter castanilius</i>	Accipitriformes	Accipitridae	<i>Accipiter castanilius</i>	Accipitriformes	Accipitridae	<i>Accipiter castanilius</i>
Falconiformes	Accipitridae	<i>Accipiter cirrhocephalus</i>	Accipitriformes	Accipitridae	<i>Accipiter cirrhocephalus</i>	Accipitriformes	Accipitridae	<i>Accipiter cirrhocephalus</i>
Falconiformes	Accipitridae	<i>Accipiter collaris</i>	Accipitriformes	Accipitridae	<i>Accipiter collaris</i>	Accipitriformes	Accipitridae	<i>Accipiter collaris</i>
Falconiformes	Accipitridae	<i>Accipiter cooperii</i>	Accipitriformes	Accipitridae	<i>Accipiter cooperii</i>	Accipitriformes	Accipitridae	<i>Accipiter cooperii</i>
Falconiformes	Accipitridae	<i>Accipiter erythrauchen</i>	Accipitriformes	Accipitridae	<i>Accipiter erythrauchen</i>	Accipitriformes	Accipitridae	<i>Accipiter erythrauchen</i>
Falconiformes	Accipitridae	<i>Accipiter erythropus</i>	Accipitriformes	Accipitridae	<i>Accipiter erythropus</i>	Accipitriformes	Accipitridae	<i>Accipiter erythropus</i>

¹⁰ [Dickinson (2005); *Tauraco schuettii* in H&M3]

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Accipiter fasciatus</i>	Accipitriformes	Accipitridae	<i>Accipiter fasciatus</i>	Accipitriformes	Accipitridae	<i>Accipiter fasciatus</i>
Falconiformes	Accipitridae	<i>Accipiter francesii</i> ¹¹	Accipitriformes	Accipitridae	<i>Accipiter francesiae</i>	Accipitriformes	Accipitridae	<i>Accipiter francesiae</i>
Falconiformes	Accipitridae	<i>Accipiter gentilis</i>	Accipitriformes	Accipitridae	<i>Accipiter gentilis</i>	Accipitriformes	Accipitridae	<i>Accipiter gentilis</i>
Falconiformes	Accipitridae	<i>Accipiter griseiceps</i>	Accipitriformes	Accipitridae	<i>Accipiter griseiceps</i>	Accipitriformes	Accipitridae	<i>Accipiter griseiceps</i>
Falconiformes	Accipitridae	<i>Accipiter gularis</i>	Accipitriformes	Accipitridae	<i>Accipiter gularis</i>	Accipitriformes	Accipitridae	<i>Accipiter gularis</i>
Falconiformes	Accipitridae	<i>Accipiter gundlachi</i> ¹²	Accipitriformes	Accipitridae	<i>Accipiter gundlachi</i>	Accipitriformes	Accipitridae	<i>Accipiter gundlachi</i>
Falconiformes	Accipitridae	<i>Accipiter haplochrous</i>	Accipitriformes	Accipitridae	<i>Accipiter haplochrous</i>	Accipitriformes	Accipitridae	<i>Accipiter haplochrous</i>
Falconiformes	Accipitridae	<i>Accipiter henicogrammus</i>	Accipitriformes	Accipitridae	<i>Accipiter henicogrammus</i>	Accipitriformes	Accipitridae	<i>Accipiter henicogrammus</i>
Falconiformes	Accipitridae	<i>Accipiter henstii</i>	Accipitriformes	Accipitridae	<i>Accipiter henstii</i>	Accipitriformes	Accipitridae	<i>Accipiter henstii</i>
Falconiformes	Accipitridae	<i>Accipiter imitator</i>	Accipitriformes	Accipitridae	<i>Accipiter imitator</i>	Accipitriformes	Accipitridae	<i>Accipiter imitator</i>
Falconiformes	Accipitridae	<i>Accipiter luteoschistaceus</i>	Accipitriformes	Accipitridae	<i>Accipiter luteoschistaceus</i>	Accipitriformes	Accipitridae	<i>Accipiter luteoschistaceus</i>
Falconiformes	Accipitridae	<i>Accipiter madagascariensis</i>	Accipitriformes	Accipitridae	<i>Accipiter madagascariensis</i>	Accipitriformes	Accipitridae	<i>Accipiter madagascariensis</i>
Falconiformes	Accipitridae	<i>Accipiter melanochlamys</i>	Accipitriformes	Accipitridae	<i>Accipiter melanochlamys</i>	Accipitriformes	Accipitridae	<i>Accipiter melanochlamys</i>
Falconiformes	Accipitridae	<i>Accipiter melanoleucus</i>	Accipitriformes	Accipitridae	<i>Accipiter melanoleucus</i>	Accipitriformes	Accipitridae	<i>Accipiter melanoleucus</i>
Falconiformes	Accipitridae	<i>Accipiter meyerianus</i>	Accipitriformes	Accipitridae	<i>Accipiter meyerianus</i>	Accipitriformes	Accipitridae	<i>Accipiter meyerianus</i>
Falconiformes	Accipitridae	<i>Accipiter minullus</i>	Accipitriformes	Accipitridae	<i>Accipiter minullus</i>	Accipitriformes	Accipitridae	<i>Accipiter minullus</i>
Falconiformes	Accipitridae	<i>Accipiter nanus</i>	Accipitriformes	Accipitridae	<i>Accipiter nanus</i>	Accipitriformes	Accipitridae	<i>Accipiter nanus</i>
Falconiformes	Accipitridae	<i>Accipiter nisus</i>	Accipitriformes	Accipitridae	<i>Accipiter nisus</i>	Accipitriformes	Accipitridae	<i>Accipiter nisus</i>

¹¹ *Accipiter francesiae* in Dickinson (2005)

¹² Dickinson (2005); *Accipiter gundlachii* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Accipiter novaehollandiae</i>	Accipitriformes	Accipitridae	<i>Accipiter hiogaster (ssp. hiogaster, sylvestris, polionotus, mortyi, griseogularis, obiensis, pallidiceps, albiventris, leucosomus, misoriensis, pallidimas, misulae, lavongai, matthiae, manusi, dampieri, lihirensis, bougainvillea, rufoschistaceus, rubiana, malaitae, pulchellus)</i>	Accipitriformes	Accipitridae	<i>Accipiter hiogaster (ssp. hiogaster, polionotus, mortyi, griseogularis, obiensis, pallidiceps, albiventris, leucosomus, misoriensis, pallidimas, misulae, lavongai, matthiae, manusi, dampieri, lihirensis, bougainvillea, rufoschistaceus, rubiana, malaitae, pulchellus)</i>
						Accipitriformes	Accipitridae	<i>Accipiter sylvestris (ssp. sylvestris)</i>
						Accipitriformes	Accipitridae	<i>Accipiter novaehollandiae (ssp. novaehollandiae)</i>
Falconiformes	Accipitridae	<i>Accipiter ovampensis</i>	Accipitriformes	Accipitridae	<i>Accipiter ovampensis</i>	Accipitriformes	Accipitridae	<i>Accipiter ovampensis</i>
Falconiformes	Accipitridae	<i>Accipiter poliocephalus</i>	Accipitriformes	Accipitridae	<i>Accipiter poliocephalus</i>	Accipitriformes	Accipitridae	<i>Accipiter poliocephalus</i>
Falconiformes	Accipitridae	<i>Accipiter poliogaster</i>	Accipitriformes	Accipitridae	<i>Accipiter poliogaster</i>	Accipitriformes	Accipitridae	<i>Accipiter poliogaster</i>
Falconiformes	Accipitridae	<i>Accipiter princeps</i>	Accipitriformes	Accipitridae	<i>Accipiter princeps</i>	Accipitriformes	Accipitridae	<i>Accipiter princeps</i>
Falconiformes	Accipitridae	<i>Accipiter rhodogaster</i>	Accipitriformes	Accipitridae	<i>Accipiter rhodogaster</i>	Accipitriformes	Accipitridae	<i>Accipiter rhodogaster</i>
Falconiformes	Accipitridae	<i>Accipiter rufitorques</i>	Accipitriformes	Accipitridae	<i>Accipiter rufitorques</i>	Accipitriformes	Accipitridae	<i>Accipiter rufitorques</i>
Falconiformes	Accipitridae	<i>Accipiter rufiventris</i>	Accipitriformes	Accipitridae	<i>Accipiter rufiventris</i>	Accipitriformes	Accipitridae	<i>Accipiter rufiventris</i>
Falconiformes	Accipitridae	<i>Accipiter soloensis</i>	Accipitriformes	Accipitridae	<i>Accipiter soloensis</i>	Accipitriformes	Accipitridae	<i>Accipiter soloensis</i>
Falconiformes	Accipitridae	<i>Accipiter striatus</i>	Accipitriformes	Accipitridae	<i>Accipiter striatus</i>	Accipitriformes	Accipitridae	<i>Accipiter striatus</i>
Falconiformes	Accipitridae	<i>Accipiter superciliosus</i>	Accipitriformes	Accipitridae	<i>Accipiter superciliosus</i>	Accipitriformes	Accipitridae	<i>Accipiter superciliosus</i>
Falconiformes	Accipitridae	<i>Accipiter tachiro</i> [including ssp. <i>canescens</i> , <i>unduliventer</i> , <i>croizati</i>]	Accipitriformes	Accipitridae	<i>Accipiter tachiro</i>	Accipitriformes	Accipitridae	<i>Accipiter tachiro</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Accipiter toussenelii</i> [excluding ssp. <i>canescens</i> , <i>unduliventer</i> , <i>croizati</i> listed under <i>Accipiter tachiro</i>]				Accipitriformes	Accipitridae	<i>Accipiter toussenelii</i> (ssp. <i>macroscelides</i> , <i>lopezi</i> , <i>toussenelii</i> , <i>canescens</i> , <i>unduliventer</i> [including <i>croizati</i>])
Falconiformes	Accipitridae	<i>Accipiter trinitatus</i>	Accipitriformes	Accipitridae	<i>Accipiter trinitatus</i>	Accipitriformes	Accipitridae	<i>Accipiter trinitatus</i>
Falconiformes	Accipitridae	<i>Accipiter trivirgatus</i>	Accipitriformes	Accipitridae	<i>Accipiter trivirgatus</i>	Accipitriformes	Accipitridae	<i>Accipiter trivirgatus</i>
Falconiformes	Accipitridae	<i>Accipiter virgatus</i>	Accipitriformes	Accipitridae	<i>Accipiter virgatus</i>	Accipitriformes	Accipitridae	<i>Accipiter virgatus</i>
Falconiformes	Accipitridae	<i>Aegypius monachus</i>	Accipitriformes	Accipitridae	<i>Aegypius monachus</i>	Accipitriformes	Accipitridae	<i>Aegypius monachus</i>
Falconiformes	Accipitridae	<i>Aquila adalberti</i>	Accipitriformes	Accipitridae	<i>Aquila adalberti</i>	Accipitriformes	Accipitridae	<i>Aquila adalberti</i>
Falconiformes	Accipitridae	<i>Aquila audax</i>	Accipitriformes	Accipitridae	<i>Aquila audax</i>	Accipitriformes	Accipitridae	<i>Aquila audax</i>
Falconiformes	Accipitridae	<i>Aquila chrysaetos</i>	Accipitriformes	Accipitridae	<i>Aquila chrysaetos</i>	Accipitriformes	Accipitridae	<i>Aquila chrysaetos</i>
Falconiformes	Accipitridae	<i>Aquila clanga</i>	Accipitriformes	Accipitridae	<i>Clanga clanga</i>	Accipitriformes	Accipitridae	<i>Clanga clanga</i>
Falconiformes	Accipitridae	<i>Aquila gurneyi</i>	Accipitriformes	Accipitridae	<i>Aquila gurneyi</i>	Accipitriformes	Accipitridae	<i>Aquila gurneyi</i>
Falconiformes	Accipitridae	<i>Aquila hastata</i> ¹³	Accipitriformes	Accipitridae	<i>Clanga hastata</i>	Accipitriformes	Accipitridae	<i>Clanga hastata</i>
Falconiformes	Accipitridae	<i>Aquila heliaca</i>	Accipitriformes	Accipitridae	<i>Aquila heliaca</i>	Accipitriformes	Accipitridae	<i>Aquila heliaca</i>
Falconiformes	Accipitridae	<i>Aquila nipalensis</i>	Accipitriformes	Accipitridae	<i>Aquila nipalensis</i>	Accipitriformes	Accipitridae	<i>Aquila nipalensis</i>
Falconiformes	Accipitridae	<i>Aquila pomarina</i>	Accipitriformes	Accipitridae	<i>Clanga pomarina</i>	Accipitriformes	Accipitridae	<i>Clanga pomarina</i>
Falconiformes	Accipitridae	<i>Aquila rapax</i>	Accipitriformes	Accipitridae	<i>Aquila rapax</i>	Accipitriformes	Accipitridae	<i>Aquila rapax</i>
Falconiformes	Accipitridae	<i>Aquila verreauxii</i>	Accipitriformes	Accipitridae	<i>Aquila verreauxii</i>	Accipitriformes	Accipitridae	<i>Aquila verreauxii</i>
Falconiformes	Accipitridae	<i>Asturina nitida</i>	Accipitriformes	Accipitridae	<i>Buteo nitidus</i> (ssp. <i>nitidus</i>)	Accipitriformes	Accipitridae	<i>Buteo nitidus</i> (ssp. <i>nitidus</i>)
			Accipitriformes	Accipitridae	<i>Buteo plagiatus</i> (ssp. <i>plagiatus</i>)	Accipitriformes	Accipitridae	<i>Buteo plagiatus</i> (ssp. <i>plagiatus</i>)
Falconiformes	Accipitridae	<i>Aviceda cuculoides</i>	Accipitriformes	Accipitridae	<i>Aviceda cuculoides</i>	Accipitriformes	Accipitridae	<i>Aviceda cuculoides</i>
Falconiformes	Accipitridae	<i>Aviceda jerdoni</i>	Accipitriformes	Accipitridae	<i>Aviceda jerdoni</i>	Accipitriformes	Accipitridae	<i>Aviceda jerdoni</i>

¹³ Parry et al. (2002); as *Aquila pomarina hastata* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Aviceda leuphotes</i>	Accipitriformes	Accipitridae	<i>Aviceda leuphotes</i>	Accipitriformes	Accipitridae	<i>Aviceda leuphotes</i>
Falconiformes	Accipitridae	<i>Aviceda madagascariensis</i>	Accipitriformes	Accipitridae	<i>Aviceda madagascariensis</i>	Accipitriformes	Accipitridae	<i>Aviceda madagascariensis</i>
Falconiformes	Accipitridae	<i>Aviceda subcristata</i>	Accipitriformes	Accipitridae	<i>Aviceda subcristata</i>	Accipitriformes	Accipitridae	<i>Aviceda subcristata</i>
Falconiformes	Accipitridae	<i>Busarellus nigricollis</i>	Accipitriformes	Accipitridae	<i>Busarellus nigricollis</i>	Accipitriformes	Accipitridae	<i>Busarellus nigricollis</i>
Falconiformes	Accipitridae	<i>Butastur indicus</i>	Accipitriformes	Accipitridae	<i>Butastur indicus</i>	Accipitriformes	Accipitridae	<i>Butastur indicus</i>
Falconiformes	Accipitridae	<i>Butastur liventer</i>	Accipitriformes	Accipitridae	<i>Butastur liventer</i>	Accipitriformes	Accipitridae	<i>Butastur liventer</i>
Falconiformes	Accipitridae	<i>Butastur rufipennis</i>	Accipitriformes	Accipitridae	<i>Butastur rufipennis</i>	Accipitriformes	Accipitridae	<i>Butastur rufipennis</i>
Falconiformes	Accipitridae	<i>Butastur teesa</i>	Accipitriformes	Accipitridae	<i>Butastur teesa</i>	Accipitriformes	Accipitridae	<i>Butastur teesa</i>
Falconiformes	Accipitridae	<i>Buteo albicaudatus</i>	Accipitriformes	Accipitridae	<i>Geranoaetus albicaudatus</i>	Accipitriformes	Accipitridae	<i>Geranoaetus albicaudatus</i>
Falconiformes	Accipitridae	<i>Buteo albigula</i>	Accipitriformes	Accipitridae	<i>Buteo albigula</i>	Accipitriformes	Accipitridae	<i>Buteo albigula</i>
Falconiformes	Accipitridae	<i>Buteo albonotatus</i>	Accipitriformes	Accipitridae	<i>Buteo albonotatus</i>	Accipitriformes	Accipitridae	<i>Buteo albonotatus</i>
Falconiformes	Accipitridae	<i>Buteo augur</i>	Accipitriformes	Accipitridae	<i>Buteo augur</i>	Accipitriformes	Accipitridae	<i>Buteo augur</i>
Falconiformes	Accipitridae	<i>Buteo auguralis</i>	Accipitriformes	Accipitridae	<i>Buteo auguralis</i>	Accipitriformes	Accipitridae	<i>Buteo auguralis</i>
Falconiformes	Accipitridae	<i>Buteo brachypterus</i>	Accipitriformes	Accipitridae	<i>Buteo brachypterus</i>	Accipitriformes	Accipitridae	<i>Buteo brachypterus</i>
Falconiformes	Accipitridae	<i>Buteo brachyurus</i>	Accipitriformes	Accipitridae	<i>Buteo brachyurus</i>	Accipitriformes	Accipitridae	<i>Buteo brachyurus</i>
Falconiformes	Accipitridae	<i>Buteo buteo</i>	Accipitriformes	Accipitridae	<i>Buteo buteo</i> (ssp. <i>insularum</i> , <i>harterti</i> , <i>pojana</i> , <i>buteo</i> , <i>vulpinus</i> , <i>menetriesi</i> ; ssp. <i>bannermani</i> included under <i>Buteo rufinus</i>)	Accipitriformes	Accipitridae	<i>Buteo buteo</i> (ssp. <i>insularum</i> , <i>harterti</i> , <i>pojana</i> , <i>buteo</i> , <i>vulpinus</i> , <i>menetriesi</i> , <i>rothschildi</i> , <i>arrigoni</i> , <i>bannermani</i>)
			Accipitriformes	Accipitridae	<i>Buteo japonicus</i> (ssp. <i>japonicus</i> , <i>toyoshimai</i> , <i>oshiroi</i>)	Accipitriformes	Accipitridae	<i>Buteo japonicus</i> (ssp. <i>japonicus</i> , <i>toyoshimai</i> , <i>oshiroi</i>)
			Accipitriformes	Accipitridae	<i>Buteo refectus</i> (ssp. <i>refectus</i>)	Accipitriformes	Accipitridae	<i>Buteo refectus</i> (ssp. <i>refectus</i>)
Falconiformes	Accipitridae	<i>Buteo galapagoensis</i>	Accipitriformes	Accipitridae	<i>Buteo galapagoensis</i>	Accipitriformes	Accipitridae	<i>Buteo galapagoensis</i>
Falconiformes	Accipitridae	<i>Buteo hemilasius</i>	Accipitriformes	Accipitridae	<i>Buteo hemilasius</i>	Accipitriformes	Accipitridae	<i>Buteo hemilasius</i>
Falconiformes	Accipitridae	<i>Buteo jamaicensis</i>	Accipitriformes	Accipitridae	<i>Buteo jamaicensis</i>	Accipitriformes	Accipitridae	<i>Buteo jamaicensis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Buteo lagopus</i>	Accipitriformes	Accipitridae	<i>Buteo lagopus</i>	Accipitriformes	Accipitridae	<i>Buteo lagopus</i>
Falconiformes	Accipitridae	<i>Buteo leucorrhous</i>	Accipitriformes	Accipitridae	<i>Parabuteo leucorrhous</i>	Accipitriformes	Accipitridae	<i>Parabuteo leucorrhous</i>
Falconiformes	Accipitridae	<i>Buteo lineatus</i>	Accipitriformes	Accipitridae	<i>Buteo lineatus</i>	Accipitriformes	Accipitridae	<i>Buteo lineatus</i>
Falconiformes	Accipitridae	<i>Buteo magnirostris</i>	Accipitriformes	Accipitridae	<i>Rupornis magnirostris</i>	Accipitriformes	Accipitridae	<i>Rupornis magnirostris</i>
Falconiformes	Accipitridae	<i>Buteo oreophilus</i>	Accipitriformes	Accipitridae	<i>Buteo oreophilus</i> (ssp. <i>oreophilus</i>)	Accipitriformes	Accipitridae	<i>Buteo oreophilus</i> (ssp. <i>oreophilus</i>)
			Accipitriformes	Accipitridae	<i>Buteo trizonatus</i> (ssp. <i>trizonatus</i>)	Accipitriformes	Accipitridae	<i>Buteo trizonatus</i> (ssp. <i>trizonatus</i>)
Falconiformes	Accipitridae	<i>Buteo platypterus</i>	Accipitriformes	Accipitridae	<i>Buteo platypterus</i>	Accipitriformes	Accipitridae	<i>Buteo platypterus</i>
Falconiformes	Accipitridae	<i>Buteo poecilochrous</i>	Accipitriformes	Accipitridae	<i>Geranoaetus polyosoma poecilochrous</i>	Accipitriformes	Accipitridae	<i>Geranoaetus polyosoma poecilochrous</i>
Falconiformes	Accipitridae	<i>Buteo polyosoma</i>	Accipitriformes	Accipitridae	<i>Geranoaetus polyosoma</i> (ssp. <i>polyosoma</i> , <i>fjeldsai</i> , <i>exsul</i>)	Accipitriformes	Accipitridae	<i>Geranoaetus polyosoma</i> (ssp. <i>polyosoma</i> , <i>fjeldsai</i> , <i>exsul</i>)
Falconiformes	Accipitridae	<i>Buteo regalis</i>	Accipitriformes	Accipitridae	<i>Buteo regalis</i>	Accipitriformes	Accipitridae	<i>Buteo regalis</i>
Falconiformes	Accipitridae	<i>Buteo ridgwayi</i>	Accipitriformes	Accipitridae	<i>Buteo ridgwayi</i>	Accipitriformes	Accipitridae	<i>Buteo ridgwayi</i>
Falconiformes	Accipitridae	<i>Buteo rufinus</i>	Accipitriformes	Accipitridae	<i>Buteo rufinus</i> (including ssp. <i>bannermani</i> , <i>socotraensis</i>)	Accipitriformes	Accipitridae	<i>Buteo rufinus</i> (excluding ssp. <i>bannermani</i> , included in <i>Buteo buteo</i>)
Falconiformes	Accipitridae	<i>Buteo rufofuscus</i>	Accipitriformes	Accipitridae	<i>Buteo rufofuscus</i>	Accipitriformes	Accipitridae	<i>Buteo rufofuscus</i>
Falconiformes	Accipitridae	<i>Buteo socotraensis</i> ¹⁴	Accipitriformes	Accipitridae	<i>Buteo rufinus socotraensis</i>	Accipitriformes	Accipitridae	<i>Buteo socotraensis</i>
Falconiformes	Accipitridae	<i>Buteo solitarius</i>	Accipitriformes	Accipitridae	<i>Buteo solitarius</i>	Accipitriformes	Accipitridae	<i>Buteo solitarius</i>
Falconiformes	Accipitridae	<i>Buteo swainsoni</i>	Accipitriformes	Accipitridae	<i>Buteo swainsoni</i>	Accipitriformes	Accipitridae	<i>Buteo swainsoni</i>
Falconiformes	Accipitridae	<i>Buteo ventralis</i>	Accipitriformes	Accipitridae	<i>Buteo ventralis</i>	Accipitriformes	Accipitridae	<i>Buteo ventralis</i>
Falconiformes	Accipitridae	<i>Buteogallus aequinoctialis</i>	Accipitriformes	Accipitridae	<i>Buteogallus aequinoctialis</i>	Accipitriformes	Accipitridae	<i>Buteogallus aequinoctialis</i>

¹⁴ Porter and Kirwan (2010); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Buteogallus anthracinus</i>	Accipitriformes	Accipitridae	<i>Buteogallus anthracinus</i> (ssp. <i>anthracinus</i> , <i>utilensis</i> , <i>rhizophorae</i> , <i>bangsi</i> , <i>subtilis</i>)	Accipitriformes	Accipitridae	<i>Buteogallus anthracinus</i> (ssp. <i>anthracinus</i> , <i>utilensis</i> , <i>rhizophorae</i> , <i>bangsi</i> , <i>subtilis</i>)
			Accipitriformes	Accipitridae	<i>Buteogallus gundlachii</i> (ssp. <i>gundlachii</i>)	Accipitriformes	Accipitridae	<i>Buteogallus gundlachii</i> (ssp. <i>gundlachii</i>)
Falconiformes	Accipitridae	<i>Buteogallus meridionalis</i>	Accipitriformes	Accipitridae	<i>Buteogallus meridionalis</i>	Accipitriformes	Accipitridae	<i>Buteogallus meridionalis</i>
Falconiformes	Accipitridae	<i>Buteogallus subtilis</i>	Accipitriformes	Accipitridae	<i>Buteogallus anthracinus</i> (q.v.; ssp. <i>rhizophorae</i> , <i>bangsi</i> , <i>subtilis</i>)	Accipitriformes	Accipitridae	<i>Buteogallus anthracinus</i> (q.v.; ssp. <i>rhizophorae</i> , <i>bangsi</i> , <i>subtilis</i>)
Falconiformes	Accipitridae	<i>Buteogallus urubitinga</i>	Accipitriformes	Accipitridae	<i>Buteogallus urubitinga</i>	Accipitriformes	Accipitridae	<i>Buteogallus urubitinga</i>
Falconiformes	Accipitridae	<i>Chelictinia riocourii</i>	Accipitriformes	Accipitridae	<i>Chelictinia riocourii</i>	Accipitriformes	Accipitridae	<i>Chelictinia riocourii</i>
Falconiformes	Accipitridae	<i>Chondrohierax uncinatus</i>	Accipitriformes	Accipitridae	<i>Chondrohierax uncinatus</i>	Accipitriformes	Accipitridae	<i>Chondrohierax uncinatus</i>
Falconiformes	Accipitridae	<i>Chondrohierax uncinatus wilsonii</i>	Accipitriformes	Accipitridae	<i>Chondrohierax uncinatus wilsonii</i>	Accipitriformes	Accipitridae	<i>Chondrohierax wilsonii</i>
Falconiformes	Accipitridae	<i>Circaetus beaudouini</i>	Accipitriformes	Accipitridae	<i>Circaetus beaudouini</i>	Accipitriformes	Accipitridae	<i>Circaetus beaudouini</i>
Falconiformes	Accipitridae	<i>Circaetus cinerascens</i>	Accipitriformes	Accipitridae	<i>Circaetus cinerascens</i>	Accipitriformes	Accipitridae	<i>Circaetus cinerascens</i>
Falconiformes	Accipitridae	<i>Circaetus cinereus</i>	Accipitriformes	Accipitridae	<i>Circaetus cinereus</i>	Accipitriformes	Accipitridae	<i>Circaetus cinereus</i>
Falconiformes	Accipitridae	<i>Circaetus fasciolatus</i>	Accipitriformes	Accipitridae	<i>Circaetus fasciolatus</i>	Accipitriformes	Accipitridae	<i>Circaetus fasciolatus</i>
Falconiformes	Accipitridae	<i>Circaetus gallicus</i>	Accipitriformes	Accipitridae	<i>Circaetus gallicus</i>	Accipitriformes	Accipitridae	<i>Circaetus gallicus</i>
Falconiformes	Accipitridae	<i>Circaetus pectoralis</i>	Accipitriformes	Accipitridae	<i>Circaetus pectoralis</i>	Accipitriformes	Accipitridae	<i>Circaetus pectoralis</i>
Falconiformes	Accipitridae	<i>Circus aeruginosus</i>	Accipitriformes	Accipitridae	<i>Circus aeruginosus</i>	Accipitriformes	Accipitridae	<i>Circus aeruginosus</i>
Falconiformes	Accipitridae	<i>Circus approximans</i>	Accipitriformes	Accipitridae	<i>Circus approximans</i>	Accipitriformes	Accipitridae	<i>Circus approximans</i>
Falconiformes	Accipitridae	<i>Circus assimilis</i>	Accipitriformes	Accipitridae	<i>Circus assimilis</i>	Accipitriformes	Accipitridae	<i>Circus assimilis</i>
Falconiformes	Accipitridae	<i>Circus buffoni</i>	Accipitriformes	Accipitridae	<i>Circus buffoni</i>	Accipitriformes	Accipitridae	<i>Circus buffoni</i>
Falconiformes	Accipitridae	<i>Circus cinereus</i>	Accipitriformes	Accipitridae	<i>Circus cinereus</i>	Accipitriformes	Accipitridae	<i>Circus cinereus</i>
Falconiformes	Accipitridae	<i>Circus cyaneus</i>	Accipitriformes	Accipitridae	<i>Circus cyaneus</i>	Accipitriformes	Accipitridae	<i>Circus cyaneus</i>
			Accipitriformes	Accipitridae		Accipitriformes	Accipitridae	<i>Circus hudsonius</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Circus macrourus</i>	Accipitriformes	Accipitridae	<i>Circus macrourus</i>	Accipitriformes	Accipitridae	<i>Circus macrourus</i>
Falconiformes	Accipitridae	<i>Circus maillardi</i>	Accipitriformes	Accipitridae	<i>Circus maillardi</i> (ssp. <i>maillardi</i>)	Accipitriformes	Accipitridae	<i>Circus maillardi</i> (ssp. <i>maillardi</i>)
			Accipitriformes	Accipitridae	<i>Circus macroscelus</i> (ssp. <i>macroscelus</i>)	Accipitriformes	Accipitridae	<i>Circus macroscelus</i> (ssp. <i>macroscelus</i>)
Falconiformes	Accipitridae	<i>Circus maurus</i>	Accipitriformes	Accipitridae	<i>Circus maurus</i>	Accipitriformes	Accipitridae	<i>Circus maurus</i>
Falconiformes	Accipitridae	<i>Circus melanoleucos</i>	Accipitriformes	Accipitridae	<i>Circus melanoleucos</i>	Accipitriformes	Accipitridae	<i>Circus melanoleucos</i>
Falconiformes	Accipitridae	<i>Circus pygargus</i>	Accipitriformes	Accipitridae	<i>Circus pygargus</i>	Accipitriformes	Accipitridae	<i>Circus pygargus</i>
Falconiformes	Accipitridae	<i>Circus ranivorus</i>	Accipitriformes	Accipitridae	<i>Circus ranivorus</i>	Accipitriformes	Accipitridae	<i>Circus ranivorus</i>
Falconiformes	Accipitridae	<i>Circus spilonotus</i>	Accipitriformes	Accipitridae	<i>Circus spilonotus</i>	Accipitriformes	Accipitridae	<i>Circus spilonotus</i>
						Accipitriformes	Accipitridae	<i>Circus spilothorax</i>
Falconiformes	Accipitridae	<i>Dryotriorchis spectabilis</i>	Accipitriformes	Accipitridae	<i>Dryotriorchis spectabilis</i>	Accipitriformes	Accipitridae	<i>Dryotriorchis spectabilis</i>
Falconiformes	Accipitridae	<i>Elanoides forficatus</i>	Accipitriformes	Accipitridae	<i>Elanoides forficatus</i>	Accipitriformes	Accipitridae	<i>Elanoides forficatus</i>
Falconiformes	Accipitridae	<i>Elanus axillaris</i>	Accipitriformes	Accipitridae	<i>Elanus axillaris</i>	Accipitriformes	Accipitridae	<i>Elanus axillaris</i>
Falconiformes	Accipitridae	<i>Elanus caeruleus</i>	Accipitriformes	Accipitridae	<i>Elanus caeruleus</i>	Accipitriformes	Accipitridae	<i>Elanus caeruleus</i>
Falconiformes	Accipitridae	<i>Elanus leucurus</i>	Accipitriformes	Accipitridae	<i>Elanus leucurus</i>	Accipitriformes	Accipitridae	<i>Elanus leucurus</i>
Falconiformes	Accipitridae	<i>Elanus scriptus</i>	Accipitriformes	Accipitridae	<i>Elanus scriptus</i>	Accipitriformes	Accipitridae	<i>Elanus scriptus</i>
Falconiformes	Accipitridae	<i>Erythrotriorchis buergersi</i>	Accipitriformes	Accipitridae	<i>Erythrotriorchis buergersi</i>	Accipitriformes	Accipitridae	<i>Erythrotriorchis buergersi</i>
Falconiformes	Accipitridae	<i>Erythrotriorchis radiatus</i>	Accipitriformes	Accipitridae	<i>Erythrotriorchis radiatus</i>	Accipitriformes	Accipitridae	<i>Erythrotriorchis radiatus</i>
Falconiformes	Accipitridae	<i>Eutriorchis astur</i>	Accipitriformes	Accipitridae	<i>Eutriorchis astur</i>	Accipitriformes	Accipitridae	<i>Eutriorchis astur</i>
Falconiformes	Accipitridae	<i>Gampsonyx swainsonii</i>	Accipitriformes	Accipitridae	<i>Gampsonyx swainsonii</i>	Accipitriformes	Accipitridae	<i>Gampsonyx swainsonii</i>
Falconiformes	Accipitridae	<i>Geranoaetus melanoleucus</i>	Accipitriformes	Accipitridae	<i>Geranoaetus melanoleucus</i>	Accipitriformes	Accipitridae	<i>Geranoaetus melanoleucus</i>
Falconiformes	Accipitridae	<i>Geranospiza caerulescens</i>	Accipitriformes	Accipitridae	<i>Geranospiza caerulescens</i>	Accipitriformes	Accipitridae	<i>Geranospiza caerulescens</i>
Falconiformes	Accipitridae	<i>Gypaetus barbatus</i>	Accipitriformes	Accipitridae	<i>Gypaetus barbatus</i>	Accipitriformes	Accipitridae	<i>Gypaetus barbatus</i>
Falconiformes	Accipitridae	<i>Gypohierax angolensis</i>	Accipitriformes	Accipitridae	<i>Gypohierax angolensis</i>	Accipitriformes	Accipitridae	<i>Gypohierax angolensis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Gyps africanus</i>	Accipitriformes	Accipitridae	<i>Gyps africanus</i>	Accipitriformes	Accipitridae	<i>Gyps africanus</i>
Falconiformes	Accipitridae	<i>Gyps bengalensis</i>	Accipitriformes	Accipitridae	<i>Gyps bengalensis</i>	Accipitriformes	Accipitridae	<i>Gyps bengalensis</i>
Falconiformes	Accipitridae	<i>Gyps coprotheres</i>	Accipitriformes	Accipitridae	<i>Gyps coprotheres</i>	Accipitriformes	Accipitridae	<i>Gyps coprotheres</i>
Falconiformes	Accipitridae	<i>Gyps fulvus</i>	Accipitriformes	Accipitridae	<i>Gyps fulvus</i>	Accipitriformes	Accipitridae	<i>Gyps fulvus</i>
Falconiformes	Accipitridae	<i>Gyps himalayensis</i>	Accipitriformes	Accipitridae	<i>Gyps himalayensis</i>	Accipitriformes	Accipitridae	<i>Gyps himalayensis</i>
Falconiformes	Accipitridae	<i>Gyps indicus</i>	Accipitriformes	Accipitridae	<i>Gyps indicus</i>	Accipitriformes	Accipitridae	<i>Gyps indicus</i>
Falconiformes	Accipitridae	<i>Gyps rueppellii</i> ¹⁵	Accipitriformes	Accipitridae	<i>Gyps rueppelli</i>	Accipitriformes	Accipitridae	<i>Gyps rueppelli</i>
Falconiformes	Accipitridae	<i>Gyps tenuirostris</i>	Accipitriformes	Accipitridae	<i>Gyps tenuirostris</i>	Accipitriformes	Accipitridae	<i>Gyps tenuirostris</i>
Falconiformes	Accipitridae	<i>Haliaeetus albicilla</i>	Accipitriformes	Accipitridae	<i>Haliaeetus albicilla</i>	Accipitriformes	Accipitridae	<i>Haliaeetus albicilla</i>
Falconiformes	Accipitridae	<i>Haliaeetus leucocephalus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucocephalus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucocephalus</i>
Falconiformes	Accipitridae	<i>Haliaeetus leucogaster</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucogaster</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucogaster</i>
Falconiformes	Accipitridae	<i>Haliaeetus leucoryphus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucoryphus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus leucoryphus</i>
Falconiformes	Accipitridae	<i>Haliaeetus pelagicus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus pelagicus</i>	Accipitriformes	Accipitridae	<i>Haliaeetus pelagicus</i>
Falconiformes	Accipitridae	<i>Haliaeetus sanfordi</i>	Accipitriformes	Accipitridae	<i>Haliaeetus sanfordi</i>	Accipitriformes	Accipitridae	<i>Haliaeetus sanfordi</i>
Falconiformes	Accipitridae	<i>Haliaeetus vocifer</i>	Accipitriformes	Accipitridae	<i>Haliaeetus vocifer</i>	Accipitriformes	Accipitridae	<i>Haliaeetus vocifer</i>
Falconiformes	Accipitridae	<i>Haliaeetus vociferoides</i>	Accipitriformes	Accipitridae	<i>Haliaeetus vociferoides</i>	Accipitriformes	Accipitridae	<i>Haliaeetus vociferoides</i>
Falconiformes	Accipitridae	<i>Haliastur indus</i>	Accipitriformes	Accipitridae	<i>Haliastur indus</i>	Accipitriformes	Accipitridae	<i>Haliastur indus</i>
Falconiformes	Accipitridae	<i>Haliastur sphenurus</i>	Accipitriformes	Accipitridae	<i>Haliastur sphenurus</i>	Accipitriformes	Accipitridae	<i>Haliastur sphenurus</i>
Falconiformes	Accipitridae	<i>Hamirostra melanosternon</i>	Accipitriformes	Accipitridae	<i>Hamirostra melanosternon</i>	Accipitriformes	Accipitridae	<i>Hamirostra melanosternon</i>
Falconiformes	Accipitridae	<i>Harpagus bidentatus</i>	Accipitriformes	Accipitridae	<i>Harpagus bidentatus</i>	Accipitriformes	Accipitridae	<i>Harpagus bidentatus</i>
Falconiformes	Accipitridae	<i>Harpagus diodon</i>	Accipitriformes	Accipitridae	<i>Harpagus diodon</i>	Accipitriformes	Accipitridae	<i>Harpagus diodon</i>
Falconiformes	Accipitridae	<i>Harpia harpyja</i>	Accipitriformes	Accipitridae	<i>Harpia harpyja</i>	Accipitriformes	Accipitridae	<i>Harpia harpyja</i>
Falconiformes	Accipitridae	<i>Harpyhaliaetus</i>	Accipitriformes	Accipitridae	<i>Buteogallus coronatus</i>	Accipitriformes	Accipitridae	<i>Buteogallus coronatus</i>

¹⁵ Dickinson (2005); *Gyps rueppelli* in H&M3

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Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>coronatus</i>						
Falconiformes	Accipitridae	<i>Harpyhaliaetus solitarius</i>	Accipitriformes	Accipitridae	<i>Buteogallus solitarius</i>	Accipitriformes	Accipitridae	<i>Buteogallus solitarius</i>
Falconiformes	Accipitridae	<i>Harpyopsis novaeguineae</i>	Accipitriformes	Accipitridae	<i>Harpyopsis novaeguineae</i>	Accipitriformes	Accipitridae	<i>Harpyopsis novaeguineae</i>
Falconiformes	Accipitridae	<i>Henicopernis infuscatus</i>	Accipitriformes	Accipitridae	<i>Henicopernis infuscatus</i>	Accipitriformes	Accipitridae	<i>Henicopernis infuscatus</i>
Falconiformes	Accipitridae	<i>Henicopernis longicauda</i>	Accipitriformes	Accipitridae	<i>Henicopernis longicauda</i>	Accipitriformes	Accipitridae	<i>Henicopernis longicauda</i>
Falconiformes	Accipitridae	<i>Hieraaetus ayresii</i>	Accipitriformes	Accipitridae	<i>Hieraaetus ayresii</i>	Accipitriformes	Accipitridae	<i>Hieraaetus ayresii</i>
Falconiformes	Accipitridae	<i>Hieraaetus fasciatus</i>	Accipitriformes	Accipitridae	<i>Aquila fasciata</i>	Accipitriformes	Accipitridae	<i>Aquila fasciata</i>
Falconiformes	Accipitridae	<i>Hieraaetus kienerii</i>	Accipitriformes	Accipitridae	<i>Lophotriorchis kienerii</i>	Accipitriformes	Accipitridae	<i>Lophotriorchis kienerii</i>
Falconiformes	Accipitridae	<i>Hieraaetus morphnoides</i>	Accipitriformes	Accipitridae	<i>Hieraaetus morphnoides</i> (ssp. <i>morphnoides</i>)	Accipitriformes	Accipitridae	<i>Hieraaetus morphnoides</i> (ssp. <i>morphnoides</i>)
			Accipitriformes	Accipitridae	<i>Hieraaetus weiskei</i> (ssp. <i>weiskei</i>)	Accipitriformes	Accipitridae	<i>Hieraaetus weiskei</i> (ssp. <i>weiskei</i>)
Falconiformes	Accipitridae	<i>Hieraaetus pennatus</i>	Accipitriformes	Accipitridae	<i>Hieraaetus pennatus</i>	Accipitriformes	Accipitridae	<i>Hieraaetus pennatus</i>
Falconiformes	Accipitridae	<i>Hieraaetus spilogaster</i>	Accipitriformes	Accipitridae	<i>Aquila spilogaster</i>	Accipitriformes	Accipitridae	<i>Aquila spilogaster</i>
Falconiformes	Accipitridae	<i>Hieraaetus wahlbergi</i>	Accipitriformes	Accipitridae	<i>Hieraaetus wahlbergi</i>	Accipitriformes	Accipitridae	<i>Hieraaetus wahlbergi</i>
Falconiformes	Accipitridae	<i>Ichthyophaga humilis</i>	Accipitriformes	Accipitridae	<i>Ichthyophaga humilis</i>	Accipitriformes	Accipitridae	<i>Ichthyophaga humilis</i>
Falconiformes	Accipitridae	<i>Ichthyophaga ichthyaetus</i>	Accipitriformes	Accipitridae	<i>Ichthyophaga ichthyaetus</i>	Accipitriformes	Accipitridae	<i>Ichthyophaga ichthyaetus</i>
Falconiformes	Accipitridae	<i>Ictinaetus malayensis</i>	Accipitriformes	Accipitridae	<i>Ictinaetus malayensis</i>	Accipitriformes	Accipitridae	<i>Ictinaetus malayensis</i>
Falconiformes	Accipitridae	<i>Ictinia mississippiensis</i>	Accipitriformes	Accipitridae	<i>Ictinia mississippiensis</i>	Accipitriformes	Accipitridae	<i>Ictinia mississippiensis</i>
Falconiformes	Accipitridae	<i>Ictinia plumbea</i>	Accipitriformes	Accipitridae	<i>Ictinia plumbea</i>	Accipitriformes	Accipitridae	<i>Ictinia plumbea</i>
Falconiformes	Accipitridae	<i>Kaupifalco monogrammicus</i>	Accipitriformes	Accipitridae	<i>Kaupifalco monogrammicus</i>	Accipitriformes	Accipitridae	<i>Kaupifalco monogrammicus</i>
Falconiformes	Accipitridae	<i>Leptodon cayanensis</i>	Accipitriformes	Accipitridae	<i>Leptodon cayanensis</i>	Accipitriformes	Accipitridae	<i>Leptodon cayanensis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Accipitriformes	Accipitridae	<i>Leptodon forbesi</i> ¹⁶	Accipitriformes	Accipitridae	<i>Leptodon forbesi</i> ¹⁷
Falconiformes	Accipitridae	<i>Leucopternis albicollis</i>	Accipitriformes	Accipitridae	<i>Pseudastur albicollis</i>	Accipitriformes	Accipitridae	<i>Pseudastur albicollis</i>
Falconiformes	Accipitridae	<i>Leucopternis kuhli</i>	Accipitriformes	Accipitridae	<i>Leucopternis kuhli</i>	Accipitriformes	Accipitridae	<i>Leucopternis kuhli</i>
Falconiformes	Accipitridae	<i>Leucopternis lacernulatus</i>	Accipitriformes	Accipitridae	<i>Buteogallus lacernulatus</i>	Accipitriformes	Accipitridae	<i>Buteogallus lacernulatus</i>
Falconiformes	Accipitridae	<i>Leucopternis melanops</i>	Accipitriformes	Accipitridae	<i>Leucopternis melanops</i>	Accipitriformes	Accipitridae	<i>Leucopternis melanops</i>
Falconiformes	Accipitridae	<i>Leucopternis occidentalis</i>	Accipitriformes	Accipitridae	<i>Pseudastur occidentalis</i>	Accipitriformes	Accipitridae	<i>Pseudastur occidentalis</i>
Falconiformes	Accipitridae	<i>Leucopternis plumbeus</i>	Accipitriformes	Accipitridae	<i>Cryptoleucopteryx plumbea</i>	Accipitriformes	Accipitridae	<i>Cryptoleucopteryx plumbea</i>
Falconiformes	Accipitridae	<i>Leucopternis polionotus</i>	Accipitriformes	Accipitridae	<i>Pseudastur polionotus</i>	Accipitriformes	Accipitridae	<i>Pseudastur polionotus</i>
Falconiformes	Accipitridae	<i>Leucopternis princeps</i>	Accipitriformes	Accipitridae	<i>Morphnarchus princeps</i>	Accipitriformes	Accipitridae	<i>Morphnarchus princeps</i>
Falconiformes	Accipitridae	<i>Leucopternis schistaceus</i>	Accipitriformes	Accipitridae	<i>Buteogallus schistaceus</i>	Accipitriformes	Accipitridae	<i>Buteogallus schistaceus</i>
Falconiformes	Accipitridae	<i>Leucopternis semiplumbeus</i>	Accipitriformes	Accipitridae	<i>Leucopternis semiplumbeus</i>	Accipitriformes	Accipitridae	<i>Leucopternis semiplumbeus</i>
Falconiformes	Accipitridae	<i>Lophaetus occipitalis</i>	Accipitriformes	Accipitridae	<i>Lophaetus occipitalis</i>	Accipitriformes	Accipitridae	<i>Lophaetus occipitalis</i>
Falconiformes	Accipitridae	<i>Lophoictinia isura</i>	Accipitriformes	Accipitridae	<i>Lophoictinia isura</i>	Accipitriformes	Accipitridae	<i>Lophoictinia isura</i>
Falconiformes	Accipitridae	<i>Macheiramphus alcinus</i>	Accipitriformes	Accipitridae	<i>Macheiramphus alcinus</i>	Accipitriformes	Accipitridae	<i>Macheiramphus alcinus</i>
Falconiformes	Accipitridae	<i>Megatriorchis doriae</i>	Accipitriformes	Accipitridae	<i>Megatriorchis doriae</i>	Accipitriformes	Accipitridae	<i>Megatriorchis doriae</i>
Falconiformes	Accipitridae	<i>Melierax canorus</i>	Accipitriformes	Accipitridae	<i>Melierax canorus</i>	Accipitriformes	Accipitridae	<i>Melierax canorus</i>
Falconiformes	Accipitridae	<i>Melierax metabates</i>	Accipitriformes	Accipitridae	<i>Melierax metabates</i>	Accipitriformes	Accipitridae	<i>Melierax metabates</i>
Falconiformes	Accipitridae	<i>Melierax poliopterus</i>	Accipitriformes	Accipitridae	<i>Melierax poliopterus</i>	Accipitriformes	Accipitridae	<i>Melierax poliopterus</i>
Falconiformes	Accipitridae	<i>Micronisus gabar</i>	Accipitriformes	Accipitridae	<i>Micronisus gabar</i>	Accipitriformes	Accipitridae	<i>Micronisus gabar</i>
Falconiformes	Accipitridae	<i>Milvus migrans</i>	Accipitriformes	Accipitridae	<i>Milvus migrans</i>	Accipitriformes	Accipitridae	<i>Milvus migrans</i>

¹⁶ previously considered a variant immature plumage

¹⁷ previously considered a variant immature plumage

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Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Accipitridae	<i>Milvus milvus</i>	Accipitriformes	Accipitridae	<i>Milvus milvus</i>	Accipitriformes	Accipitridae	<i>Milvus milvus</i>
Falconiformes	Accipitridae	<i>Morphnus guianensis</i>	Accipitriformes	Accipitridae	<i>Morphnus guianensis</i>	Accipitriformes	Accipitridae	<i>Morphnus guianensis</i>
Falconiformes	Accipitridae	<i>Necrosyrtes monachus</i>	Accipitriformes	Accipitridae	<i>Necrosyrtes monachus</i>	Accipitriformes	Accipitridae	<i>Necrosyrtes monachus</i>
Falconiformes	Accipitridae	<i>Neophron percnopterus</i>	Accipitriformes	Accipitridae	<i>Neophron percnopterus</i>	Accipitriformes	Accipitridae	<i>Neophron percnopterus</i>
Falconiformes	Accipitridae	<i>Oroaetus isidori</i>	Accipitriformes	Accipitridae	<i>Spizaetus isidori</i>	Accipitriformes	Accipitridae	<i>Spizaetus isidori</i>
Falconiformes	Accipitridae	<i>Parabuteo unicinctus</i>	Accipitriformes	Accipitridae	<i>Parabuteo unicinctus</i>	Accipitriformes	Accipitridae	<i>Parabuteo unicinctus</i>
Falconiformes	Accipitridae	<i>Pernis apivorus</i>	Accipitriformes	Accipitridae	<i>Pernis apivorus</i>	Accipitriformes	Accipitridae	<i>Pernis apivorus</i>
Falconiformes	Accipitridae	<i>Pernis celebensis</i>	Accipitriformes	Accipitridae	<i>Pernis celebensis</i> (ssp. <i>celebensis</i>)	Accipitriformes	Accipitridae	<i>Pernis celebensis</i> (ssp. <i>celebensis</i>)
			Accipitriformes	Accipitridae	<i>Pernis steerei</i> (ssp. <i>winkleri, steerei</i>)	Accipitriformes	Accipitridae	<i>Pernis steerei</i> (ssp. <i>winkleri, steerei</i>)
Falconiformes	Accipitridae	<i>Pernis ptilorhynchus</i>	Accipitriformes	Accipitridae	<i>Pernis ptilorhynchus</i>	Accipitriformes	Accipitridae	<i>Pernis ptilorhynchus</i>
Falconiformes	Accipitridae	<i>Pithecophaga jefferyi</i>	Accipitriformes	Accipitridae	<i>Pithecophaga jefferyi</i>	Accipitriformes	Accipitridae	<i>Pithecophaga jefferyi</i>
Falconiformes	Accipitridae	<i>Polemaetus bellicosus</i>	Accipitriformes	Accipitridae	<i>Polemaetus bellicosus</i>	Accipitriformes	Accipitridae	<i>Polemaetus bellicosus</i>
Falconiformes	Accipitridae	<i>Polyboroides radiatus</i>	Accipitriformes	Accipitridae	<i>Polyboroides radiatus</i>	Accipitriformes	Accipitridae	<i>Polyboroides radiatus</i>
Falconiformes	Accipitridae	<i>Polyboroides typus</i>	Accipitriformes	Accipitridae	<i>Polyboroides typus</i>	Accipitriformes	Accipitridae	<i>Polyboroides typus</i>
Falconiformes	Accipitridae	<i>Rostrhamus hamatus</i>	Accipitriformes	Accipitridae	<i>Helicolestes hamatus</i>	Accipitriformes	Accipitridae	<i>Helicolestes hamatus</i>
Falconiformes	Accipitridae	<i>Rostrhamus sociabilis</i>	Accipitriformes	Accipitridae	<i>Rostrhamus sociabilis</i>	Accipitriformes	Accipitridae	<i>Rostrhamus sociabilis</i>
Falconiformes	Accipitridae	<i>Sarcogyps calvus</i>	Accipitriformes	Accipitridae	<i>Sarcogyps calvus</i>	Accipitriformes	Accipitridae	<i>Sarcogyps calvus</i>

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Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Falconiformes	<i>Spilornis cheela</i>	Accipitriformes	Accipitridae	<i>Spilornis cheela</i>	Accipitriformes	Accipitridae	<i>Spilornis cheela</i> (ssp. <i>perplexus</i> , <i>cheela</i> , <i>melanotis</i> , <i>spilogaster</i> , <i>burmanicus</i> , <i>davisoni</i> , <i>ricketti</i> , <i>hoya</i> , <i>rutherfordi</i> , <i>malayensis</i> , <i>batu</i> , <i>palawanensis</i> , <i>pallidus</i> , <i>richmondi</i> , <i>bido</i> , <i>minimus</i> , <i>abbotti</i> , <i>asturinus</i> , <i>sipora</i> , <i>natunensis</i> , <i>baweanus</i>)
						Accipitriformes	Accipitridae	<i>Spilornis holospilus</i> (ssp. <i>holospilus</i>)
Falconiformes	Accipitridae	<i>Spilornis elgini</i>	Accipitriformes	Accipitridae	<i>Spilornis elgini</i>	Accipitriformes	Accipitridae	<i>Spilornis elgini</i>
Falconiformes	Accipitridae	<i>Spilornis kinabaluensis</i>	Accipitriformes	Accipitridae	<i>Spilornis kinabaluensis</i>	Accipitriformes	Accipitridae	<i>Spilornis kinabaluensis</i>
Falconiformes	Accipitridae	<i>Spilornis klossi</i>	Accipitriformes	Accipitridae	<i>Spilornis klossi</i>	Accipitriformes	Accipitridae	<i>Spilornis klossi</i>
Falconiformes	Accipitridae	<i>Spilornis rufipectus</i>	Accipitriformes	Accipitridae	<i>Spilornis rufipectus</i>	Accipitriformes	Accipitridae	<i>Spilornis rufipectus</i>
Falconiformes	Accipitridae	<i>Spizaetus africanus</i>	Accipitriformes	Accipitridae	<i>Aquila africana</i>	Accipitriformes	Accipitridae	<i>Aquila africana</i>
Falconiformes	Accipitridae	<i>Spizaetus alboniger</i>	Accipitriformes	Accipitridae	<i>Nisaetus alboniger</i>	Accipitriformes	Accipitridae	<i>Nisaetus alboniger</i>
Falconiformes	Accipitridae	<i>Spizaetus bartelsi</i>	Accipitriformes	Accipitridae	<i>Nisaetus bartelsi</i>	Accipitriformes	Accipitridae	<i>Nisaetus bartelsi</i>
Falconiformes	Accipitridae	<i>Spizaetus cirrhatus</i>	Accipitriformes	Accipitridae	<i>Nisaetus cirrhatus</i>	Accipitriformes	Accipitridae	<i>Nisaetus cirrhatus</i> (ssp. <i>cirrhatus</i> , <i>ceylanensis</i> , <i>andamanensis</i> , <i>limnaeetus</i> , <i>vanheurni</i>)
						Accipitriformes	Accipitridae	<i>Nisaetus floris</i> (ssp. <i>floris</i>)
Falconiformes	Accipitridae	<i>Spizaetus lanceolatus</i>	Accipitriformes	Accipitridae	<i>Nisaetus lanceolatus</i>	Accipitriformes	Accipitridae	<i>Nisaetus lanceolatus</i>
Falconiformes	Accipitridae	<i>Spizaetus nanus</i>	Accipitriformes	Accipitridae	<i>Nisaetus nanus</i>	Accipitriformes	Accipitridae	<i>Nisaetus nanus</i>
Falconiformes	Accipitridae	<i>Spizaetus nipalensis</i>	Accipitriformes	Accipitridae	<i>Nisaetus nipalensis</i>	Accipitriformes	Accipitridae	<i>Nisaetus nipalensis</i>
Falconiformes	Accipitridae	<i>Spizaetus ornatus</i>	Accipitriformes	Accipitridae	<i>Spizaetus ornatus</i>	Accipitriformes	Accipitridae	<i>Spizaetus ornatus</i>
Falconiformes	Accipitridae	<i>Spizaetus philippensis</i>	Accipitriformes	Accipitridae	<i>Nisaetus philippensis</i> (ssp. <i>philippensis</i>)	Accipitriformes	Accipitridae	<i>Nisaetus philippensis</i> (ssp. <i>philippensis</i>)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Accipitriformes	Accipitridae	<i>Nisaetus pinskeri</i> (ssp. <i>pinskeri</i>)	Accipitriformes	Accipitridae	<i>Nisaetus pinskeri</i> (ssp. <i>pinskeri</i>)
Falconiformes	Accipitridae	<i>Spizaetus tyrannus</i>	Accipitriformes	Accipitridae	<i>Spizaetus tyrannus</i>	Accipitriformes	Accipitridae	<i>Spizaetus tyrannus</i>
Falconiformes	Accipitridae	<i>Spizastur melanoleucus</i>	Accipitriformes	Accipitridae	<i>Spizaetus melanoleucus</i>	Accipitriformes	Accipitridae	<i>Spizaetus melanoleucus</i>
Falconiformes	Accipitridae	<i>Stephanoaetus coronatus</i>	Accipitriformes	Accipitridae	<i>Stephanoaetus coronatus</i>	Accipitriformes	Accipitridae	<i>Stephanoaetus coronatus</i>
Falconiformes	Accipitridae	<i>Terathopius ecaudatus</i>	Accipitriformes	Accipitridae	<i>Terathopius ecaudatus</i>	Accipitriformes	Accipitridae	<i>Terathopius ecaudatus</i>
Falconiformes	Accipitridae	<i>Torgos tracheliotus</i> ¹⁸	Accipitriformes	Accipitridae	<i>Torgos tracheliotus</i>	Accipitriformes	Accipitridae	<i>Torgos tracheliotus</i>
Falconiformes	Accipitridae	<i>Trigonoceps occipitalis</i>	Accipitriformes	Accipitridae	<i>Trigonoceps occipitalis</i>	Accipitriformes	Accipitridae	<i>Trigonoceps occipitalis</i>
Falconiformes	Accipitridae	<i>Urotriorchis macrourus</i>	Accipitriformes	Accipitridae	<i>Urotriorchis macrourus</i>	Accipitriformes	Accipitridae	<i>Urotriorchis macrourus</i>
Falconiformes	Cathartidae	<i>Gymnogyps californianus</i>	Accipitriformes	Cathartidae	<i>Gymnogyps californianus</i>	Cathartiformes	Cathartidae	<i>Gymnogyps californianus</i>
Falconiformes	Cathartidae	<i>Sarcoramphus papa</i>	Accipitriformes	Cathartidae	<i>Sarcoramphus papa</i>	Cathartiformes	Cathartidae	<i>Sarcoramphus papa</i>
Falconiformes	Cathartidae	<i>Vultur gryphus</i>	Accipitriformes	Cathartidae	<i>Vultur gryphus</i>	Cathartiformes	Cathartidae	<i>Vultur gryphus</i>
Falconiformes	Falconidae	<i>Caracara cheriway</i>	Falconiformes	Falconidae	<i>Caracara cheriway</i>	Falconiformes	Falconidae	<i>Caracara cheriway</i>
Falconiformes	Falconidae	<i>Caracara plancus</i>	Falconiformes	Falconidae	<i>Caracara plancus</i>	Falconiformes	Falconidae	<i>Caracara plancus</i>
Falconiformes	Falconidae	<i>Daptrius ater</i>	Falconiformes	Falconidae	<i>Daptrius ater</i>	Falconiformes	Falconidae	<i>Daptrius ater</i>
Falconiformes	Falconidae	<i>Falco alopex</i>	Falconiformes	Falconidae	<i>Falco alopex</i>	Falconiformes	Falconidae	<i>Falco alopex</i>
Falconiformes	Falconidae	<i>Falco amurensis</i>	Falconiformes	Falconidae	<i>Falco amurensis</i>	Falconiformes	Falconidae	<i>Falco amurensis</i>
Falconiformes	Falconidae	<i>Falco araeus</i> [Dickinson (2005); <i>Falco araea</i> in H&M3]	Falconiformes	Falconidae	<i>Falco araeus</i>	Falconiformes	Falconidae	<i>Falco araeus</i>
Falconiformes	Falconidae	<i>Falco ardosiaceus</i>	Falconiformes	Falconidae	<i>Falco ardosiaceus</i>	Falconiformes	Falconidae	<i>Falco ardosiaceus</i>
Falconiformes	Falconidae	<i>Falco berigora</i>	Falconiformes	Falconidae	<i>Falco berigora</i>	Falconiformes	Falconidae	<i>Falco berigora</i>
Falconiformes	Falconidae	<i>Falco biarmicus</i>	Falconiformes	Falconidae	<i>Falco biarmicus</i>	Falconiformes	Falconidae	<i>Falco biarmicus</i>
Falconiformes	Falconidae	<i>Falco cenchroides</i>	Falconiformes	Falconidae	<i>Falco cenchroides</i>	Falconiformes	Falconidae	<i>Falco cenchroides</i>

¹⁸ Dickinson (2005); *Torgos tracheliotis* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Falconidae	<i>Falco cherrug</i>	Falconiformes	Falconidae	<i>Falco cherrug</i>	Falconiformes	Falconidae	<i>Falco cherrug</i>
Falconiformes	Falconidae	<i>Falco chicquera</i>	Falconiformes	Falconidae	<i>Falco chicquera</i>	Falconiformes	Falconidae	<i>Falco chicquera</i> (ssp. <i>chicquera</i>)
						Falconiformes	Falconidae	<i>Falco ruficollis</i> (ssp. <i>ruficollis, horsbrughi</i>)
Falconiformes	Falconidae	<i>Falco columbarius</i>	Falconiformes	Falconidae	<i>Falco columbarius</i>	Falconiformes	Falconidae	<i>Falco columbarius</i>
Falconiformes	Falconidae	<i>Falco concolor</i>	Falconiformes	Falconidae	<i>Falco concolor</i>	Falconiformes	Falconidae	<i>Falco concolor</i>
Falconiformes	Falconidae	<i>Falco cuvierii</i>	Falconiformes	Falconidae	<i>Falco cuvierii</i>	Falconiformes	Falconidae	<i>Falco cuvierii</i>
Falconiformes	Falconidae	<i>Falco deiroleucus</i>	Falconiformes	Falconidae	<i>Falco deiroleucus</i>	Falconiformes	Falconidae	<i>Falco deiroleucus</i>
Falconiformes	Falconidae	<i>Falco dickinsoni</i>	Falconiformes	Falconidae	<i>Falco dickinsoni</i>	Falconiformes	Falconidae	<i>Falco dickinsoni</i>
Falconiformes	Falconidae	<i>Falco eleonora</i>	Falconiformes	Falconidae	<i>Falco eleonora</i>	Falconiformes	Falconidae	<i>Falco eleonora</i>
Falconiformes	Falconidae	<i>Falco fasciinucha</i>	Falconiformes	Falconidae	<i>Falco fasciinucha</i>	Falconiformes	Falconidae	<i>Falco fasciinucha</i>
Falconiformes	Falconidae	<i>Falco femoralis</i>	Falconiformes	Falconidae	<i>Falco femoralis</i>	Falconiformes	Falconidae	<i>Falco femoralis</i>
Falconiformes	Falconidae	<i>Falco hypoleucos</i>	Falconiformes	Falconidae	<i>Falco hypoleucos</i>	Falconiformes	Falconidae	<i>Falco hypoleucos</i>
Falconiformes	Falconidae	<i>Falco jugger</i>	Falconiformes	Falconidae	<i>Falco jugger</i>	Falconiformes	Falconidae	<i>Falco jugger</i>
Falconiformes	Falconidae	<i>Falco longipennis</i>	Falconiformes	Falconidae	<i>Falco longipennis</i>	Falconiformes	Falconidae	<i>Falco longipennis</i>
Falconiformes	Falconidae	<i>Falco mexicanus</i>	Falconiformes	Falconidae	<i>Falco mexicanus</i>	Falconiformes	Falconidae	<i>Falco mexicanus</i>
Falconiformes	Falconidae	<i>Falco moluccensis</i>	Falconiformes	Falconidae	<i>Falco moluccensis</i>	Falconiformes	Falconidae	<i>Falco moluccensis</i>
Falconiformes	Falconidae	<i>Falco naumanni</i>	Falconiformes	Falconidae	<i>Falco naumanni</i>	Falconiformes	Falconidae	<i>Falco naumanni</i>
Falconiformes	Falconidae	<i>Falco newtoni</i> ¹⁹	Falconiformes	Falconidae	<i>Falco newtoni</i>	Falconiformes	Falconidae	<i>Falco newtoni</i>
Falconiformes	Falconidae	<i>Falco novaeseelandiae</i> ²⁰	Falconiformes	Falconidae	<i>Falco novaeseelandiae</i>	Falconiformes	Falconidae	<i>Falco novaeseelandiae</i>
Falconiformes	Falconidae	<i>Falco pelegrinoides</i>	Falconiformes	Falconidae	<i>Falco peregrinus</i> (ssp. <i>babylonicus, pelegrinoides</i>)	Falconiformes	Falconidae	<i>Falco peregrinus</i> (ssp. <i>babylonicus, pelegrinoides</i>)
Falconiformes	Falconidae	<i>Falco peregrinus</i>	Falconiformes	Falconidae	<i>Falco peregrinus</i>	Falconiformes	Falconidae	<i>Falco peregrinus</i>

¹⁹ Only population of Seychelles listed on Appendix I

²⁰ Dickinson (2005); *Falco novaeseelandiae* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Falconidae	<i>Falco punctatus</i>	Falconiformes	Falconidae	<i>Falco punctatus</i>	Falconiformes	Falconidae	<i>Falco punctatus</i>
Falconiformes	Falconidae	<i>Falco rufigularis</i>	Falconiformes	Falconidae	<i>Falco rufigularis</i>	Falconiformes	Falconidae	<i>Falco rufigularis</i>
Falconiformes	Falconidae	<i>Falco rupicoloides</i>	Falconiformes	Falconidae	<i>Falco rupicoloides</i>	Falconiformes	Falconidae	<i>Falco rupicoloides</i>
Falconiformes	Falconidae	<i>Falco rusticolus</i>	Falconiformes	Falconidae	<i>Falco rusticolus</i>	Falconiformes	Falconidae	<i>Falco rusticolus</i>
Falconiformes	Falconidae	<i>Falco severus</i>	Falconiformes	Falconidae	<i>Falco severus</i>	Falconiformes	Falconidae	<i>Falco severus</i>
Falconiformes	Falconidae	<i>Falco sparverius</i>	Falconiformes	Falconidae	<i>Falco sparverius</i>	Falconiformes	Falconidae	<i>Falco sparverius</i>
Falconiformes	Falconidae	<i>Falco subbuteo</i>	Falconiformes	Falconidae	<i>Falco subbuteo</i>	Falconiformes	Falconidae	<i>Falco subbuteo</i>
Falconiformes	Falconidae	<i>Falco subniger</i>	Falconiformes	Falconidae	<i>Falco subniger</i>	Falconiformes	Falconidae	<i>Falco subniger</i>
Falconiformes	Falconidae	<i>Falco tinnunculus</i>	Falconiformes	Falconidae	<i>Falco tinnunculus</i>	Falconiformes	Falconidae	<i>Falco tinnunculus</i>
Falconiformes	Falconidae	<i>Falco vespertinus</i>	Falconiformes	Falconidae	<i>Falco vespertinus</i>	Falconiformes	Falconidae	<i>Falco vespertinus</i>
Falconiformes	Falconidae	<i>Falco zoniventris</i>	Falconiformes	Falconidae	<i>Falco zoniventris</i>	Falconiformes	Falconidae	<i>Falco zoniventris</i>
Falconiformes	Falconidae	<i>Herpetotheres cachinnans</i>	Falconiformes	Falconidae	<i>Herpetotheres cachinnans</i>	Falconiformes	Falconidae	<i>Herpetotheres cachinnans</i>
Falconiformes	Falconidae	<i>Ibycter americanus</i>	Falconiformes	Falconidae	<i>Ibycter americanus</i>	Falconiformes	Falconidae	<i>Ibycter americanus</i>
Falconiformes	Falconidae	<i>Micrastur buckleyi</i>	Falconiformes	Falconidae	<i>Micrastur buckleyi</i>	Falconiformes	Falconidae	<i>Micrastur buckleyi</i>
Falconiformes	Falconidae	<i>Micrastur gilvicollis</i>	Falconiformes	Falconidae	<i>Micrastur gilvicollis</i>	Falconiformes	Falconidae	<i>Micrastur gilvicollis</i>
Falconiformes	Falconidae	<i>Micrastur mintoni</i> ²¹	Falconiformes	Falconidae	<i>Micrastur mintoni</i>	Falconiformes	Falconidae	<i>Micrastur mintoni</i>
Falconiformes	Falconidae	<i>Micrastur mirandollei</i>	Falconiformes	Falconidae	<i>Micrastur mirandollei</i>	Falconiformes	Falconidae	<i>Micrastur mirandollei</i>
Falconiformes	Falconidae	<i>Micrastur plumbeus</i>	Falconiformes	Falconidae	<i>Micrastur plumbeus</i>	Falconiformes	Falconidae	<i>Micrastur plumbeus</i>
Falconiformes	Falconidae	<i>Micrastur ruficollis</i>	Falconiformes	Falconidae	<i>Micrastur ruficollis</i>	Falconiformes	Falconidae	<i>Micrastur ruficollis</i>
Falconiformes	Falconidae	<i>Micrastur semitorquatus</i>	Falconiformes	Falconidae	<i>Micrastur semitorquatus</i>	Falconiformes	Falconidae	<i>Micrastur semitorquatus</i>
Falconiformes	Falconidae	<i>Microhierax caerulescens</i>	Falconiformes	Falconidae	<i>Microhierax caerulescens</i>	Falconiformes	Falconidae	<i>Microhierax caerulescens</i>
Falconiformes	Falconidae	<i>Microhierax erythrogenys</i>	Falconiformes	Falconidae	<i>Microhierax erythrogenys</i>	Falconiformes	Falconidae	<i>Microhierax erythrogenys</i>

²¹ Whittaker (2002); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Falconiformes	Falconidae	<i>Microhierax fringillarius</i>	Falconiformes	Falconidae	<i>Microhierax fringillarius</i>	Falconiformes	Falconidae	<i>Microhierax fringillarius</i>
Falconiformes	Falconidae	<i>Microhierax latifrons</i>	Falconiformes	Falconidae	<i>Microhierax latifrons</i>	Falconiformes	Falconidae	<i>Microhierax latifrons</i>
Falconiformes	Falconidae	<i>Microhierax melanoleucos</i>	Falconiformes	Falconidae	<i>Microhierax melanoleucos</i>	Falconiformes	Falconidae	<i>Microhierax melanoleucos</i>
Falconiformes	Falconidae	<i>Milvago chimachima</i>	Falconiformes	Falconidae	<i>Milvago chimachima</i>	Falconiformes	Falconidae	<i>Milvago chimachima</i>
Falconiformes	Falconidae	<i>Milvago chimango</i>	Falconiformes	Falconidae	<i>Phalcoboenus chimango</i>	Falconiformes	Falconidae	<i>Phalcoboenus chimango</i>
Falconiformes	Falconidae	<i>Phalcoboenus albogularis</i>	Falconiformes	Falconidae	<i>Phalcoboenus albogularis</i>	Falconiformes	Falconidae	<i>Phalcoboenus albogularis</i>
Falconiformes	Falconidae	<i>Phalcoboenus australis</i>	Falconiformes	Falconidae	<i>Phalcoboenus australis</i>	Falconiformes	Falconidae	<i>Phalcoboenus australis</i>
Falconiformes	Falconidae	<i>Phalcoboenus carunculatus</i>	Falconiformes	Falconidae	<i>Phalcoboenus carunculatus</i>	Falconiformes	Falconidae	<i>Phalcoboenus carunculatus</i>
Falconiformes	Falconidae	<i>Phalcoboenus megalopterus</i>	Falconiformes	Falconidae	<i>Phalcoboenus megalopterus</i>	Falconiformes	Falconidae	<i>Phalcoboenus megalopterus</i>
Falconiformes	Falconidae	<i>Polihierax insignis</i>	Falconiformes	Falconidae	<i>Polihierax insignis</i>	Falconiformes	Falconidae	<i>Polihierax insignis</i>
Falconiformes	Falconidae	<i>Polihierax semitorquatus</i>	Falconiformes	Falconidae	<i>Polihierax semitorquatus</i>	Falconiformes	Falconidae	<i>Polihierax semitorquatus</i>
Falconiformes	Falconidae	<i>Spizapteryx circumcincta</i>	Falconiformes	Falconidae	<i>Spizapteryx circumcincta</i>	Falconiformes	Falconidae	<i>Spizapteryx circumcincta</i>
Falconiformes	Pandionidae ²²	<i>Pandion haliaetus</i>	Accipitriformes	Pandionidae	<i>Pandion haliaetus</i>	Accipitriformes	Pandionidae	<i>Pandion haliaetus</i>
Falconiformes	Sagittariidae ²³	<i>Sagittarius serpentarius</i>	Accipitriformes	Sagittariidae	<i>Sagittarius serpentarius</i>	Accipitriformes	Sagittariidae	<i>Sagittarius serpentarius</i>
Galliformes	Cracidae	<i>Crax alberti</i>	Galliformes	Cracidae	<i>Crax alberti</i>	Galliformes	Cracidae	<i>Crax alberti</i>
Galliformes	Cracidae	<i>Crax blumenbachii</i>	Galliformes	Cracidae	<i>Crax blumenbachii</i>	Galliformes	Cracidae	<i>Crax blumenbachii</i>
Galliformes	Cracidae	<i>Crax daubentoni</i>	Galliformes	Cracidae	<i>Crax daubentoni</i>	Galliformes	Cracidae	<i>Crax daubentoni</i>
Galliformes	Cracidae	<i>Crax globulosa</i>	Galliformes	Cracidae	<i>Crax globulosa</i>	Galliformes	Cracidae	<i>Crax globulosa</i>
Galliformes	Cracidae	<i>Crax rubra</i>	Galliformes	Cracidae	<i>Crax rubra</i>	Galliformes	Cracidae	<i>Crax rubra</i>
Galliformes	Cracidae	<i>Mitu mitu</i>	Galliformes	Cracidae	<i>Mitu mitu</i>	Galliformes	Cracidae	<i>Mitu mitu</i>

²² Accipitridae in H&M3

²³ Accipitridae in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Galliformes	Cracidae	<i>Oreophasis derbianus</i>	Galliformes	Cracidae	<i>Oreophasis derbianus</i>	Galliformes	Cracidae	<i>Oreophasis derbianus</i>
Galliformes	Cracidae	<i>Ortalis vetula</i>	Galliformes	Cracidae	<i>Ortalis vetula</i>	Galliformes	Cracidae	<i>Ortalis vetula</i>
Galliformes	Cracidae	<i>Pauxi pauxi</i>	Galliformes	Cracidae	<i>Pauxi pauxi</i>	Galliformes	Cracidae	<i>Pauxi pauxi</i>
Galliformes	Cracidae	<i>Penelope albipennis</i>	Galliformes	Cracidae	<i>Penelope albipennis</i>	Galliformes	Cracidae	<i>Penelope albipennis</i>
Galliformes	Cracidae	<i>Penelope purpurascens</i>	Galliformes	Cracidae	<i>Penelope purpurascens</i>	Galliformes	Cracidae	<i>Penelope purpurascens</i>
Galliformes	Cracidae	<i>Penelopina nigra</i>	Galliformes	Cracidae	<i>Penelopina nigra</i>	Galliformes	Cracidae	<i>Penelopina nigra</i>
Galliformes	Cracidae	<i>Pipile jacutinga</i>	Galliformes	Cracidae	<i>Pipile jacutinga</i>	Galliformes	Cracidae	<i>Pipile jacutinga</i>
Galliformes	Cracidae	<i>Pipile pipile</i>	Galliformes	Cracidae	<i>Pipile pipile</i>	Galliformes	Cracidae	<i>Pipile pipile</i>
Galliformes	Megapodiidae	<i>Macrocephalon maleo</i>	Galliformes	Megapodiidae	<i>Macrocephalon maleo</i>	Galliformes	Megapodiidae	<i>Macrocephalon maleo</i>
Galliformes	Phasianidae	<i>Argusianus argus</i>	Galliformes	Phasianidae	<i>Argusianus argus</i>	Galliformes	Phasianidae	<i>Argusianus argus</i>
Galliformes	Phasianidae	<i>Catreus wallichii</i>	Galliformes	Phasianidae	<i>Catreus wallichii</i>	Galliformes	Phasianidae	<i>Catreus wallichii</i>
Galliformes	Phasianidae ²⁴	<i>Colinus virginianus ridgwayi</i>	Galliformes	Odontophoridae	<i>Colinus virginianus ridgwayi</i>	Galliformes	Odontophoridae	<i>Colinus virginianus ridgwayi</i>
Galliformes	Phasianidae	<i>Crossoptilon crossoptilon</i>	Galliformes	Phasianidae	<i>Crossoptilon crossoptilon</i> (ssp. <i>dolani</i> , <i>drouynii</i> , <i>crossoptilon</i> , <i>lichiangense</i>)	Galliformes	Phasianidae	<i>Crossoptilon crossoptilon</i> (ssp. <i>dolani</i> , <i>drouynii</i> , <i>crossoptilon</i> , <i>lichiangense</i>)
			Galliformes	Phasianidae	<i>Crossoptilon harmani</i> (ssp. <i>harmani</i>)	Galliformes	Phasianidae	<i>Crossoptilon harmani</i> (ssp. <i>harmani</i>)
Galliformes	Phasianidae	<i>Crossoptilon mantchuricum</i>	Galliformes	Phasianidae	<i>Crossoptilon mantchuricum</i>	Galliformes	Phasianidae	<i>Crossoptilon mantchuricum</i>
Galliformes	Phasianidae	<i>Gallus sonneratii</i>	Galliformes	Phasianidae	<i>Gallus sonneratii</i>	Galliformes	Phasianidae	<i>Gallus sonneratii</i>
Galliformes	Phasianidae	<i>Ithaginis cruentus</i>	Galliformes	Phasianidae	<i>Ithaginis cruentus</i>	Galliformes	Phasianidae	<i>Ithaginis cruentus</i>
Galliformes	Phasianidae	<i>Lophophorus impejanus</i>	Galliformes	Phasianidae	<i>Lophophorus impejanus</i>	Galliformes	Phasianidae	<i>Lophophorus impejanus</i>
Galliformes	Phasianidae	<i>Lophophorus lhuysii</i>	Galliformes	Phasianidae	<i>Lophophorus lhuysii</i>	Galliformes	Phasianidae	<i>Lophophorus lhuysii</i>
Galliformes	Phasianidae	<i>Lophophorus sclateri</i>	Galliformes	Phasianidae	<i>Lophophorus sclateri</i>	Galliformes	Phasianidae	<i>Lophophorus sclateri</i>

²⁴ Odontophoridae in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Galliformes	Phasianidae	<i>Lophura edwardsi</i>	Galliformes	Phasianidae	<i>Lophura edwardsi</i>	Galliformes	Phasianidae	<i>Lophura edwardsi</i>
Galliformes	Phasianidae	<i>Lophura leucomelanos</i>	Galliformes	Phasianidae	<i>Lophura leucomelanos</i>	Galliformes	Phasianidae	<i>Lophura leucomelanos</i>
Galliformes	Phasianidae	<i>Lophura swinhoii</i>	Galliformes	Phasianidae	<i>Lophura swinhoii</i>	Galliformes	Phasianidae	<i>Lophura swinhoii</i>
Galliformes	Phasianidae	<i>Meleagris ocellata</i>	Galliformes	Phasianidae	<i>Meleagris ocellata</i>	Galliformes	Phasianidae	<i>Meleagris ocellata</i>
Galliformes	Phasianidae	<i>Pavo cristatus</i>	Galliformes	Phasianidae	<i>Pavo cristatus</i>	Galliformes	Phasianidae	<i>Pavo cristatus</i>
Galliformes	Phasianidae	<i>Pavo muticus</i>	Galliformes	Phasianidae	<i>Pavo muticus</i>	Galliformes	Phasianidae	<i>Pavo muticus</i>
Galliformes	Phasianidae	<i>Polyplectron bicalcaratum</i>	Galliformes	Phasianidae	<i>Polyplectron bicalcaratum</i> (ssp. <i>bakeri</i> , <i>bicalcaratum</i> , <i>ghigii</i>)	Galliformes	Phasianidae	<i>Polyplectron bicalcaratum</i> (ssp. <i>bakeri</i> , <i>bicalcaratum</i> , <i>ghigii</i>)
			Galliformes	Phasianidae	<i>Polyplectron katsumatae</i> (ssp. <i>katsumatae</i>)	Galliformes	Phasianidae	<i>Polyplectron katsumatae</i> (ssp. <i>katsumatae</i>)
Galliformes	Phasianidae	<i>Polyplectron germaini</i>	Galliformes	Phasianidae	<i>Polyplectron germaini</i>	Galliformes	Phasianidae	<i>Polyplectron germaini</i>
Galliformes	Phasianidae	<i>Polyplectron malacense</i>	Galliformes	Phasianidae	<i>Polyplectron malacense</i>	Galliformes	Phasianidae	<i>Polyplectron malacense</i>
Galliformes	Phasianidae	<i>Polyplectron napoleonis</i>	Galliformes	Phasianidae	<i>Polyplectron napoleonis</i>	Galliformes	Phasianidae	<i>Polyplectron napoleonis</i>
Galliformes	Phasianidae	<i>Polyplectron schleiermachi</i>	Galliformes	Phasianidae	<i>Polyplectron schleiermachi</i>	Galliformes	Phasianidae	<i>Polyplectron schleiermachi</i>
Galliformes	Phasianidae	<i>Pucrasia macrolopha</i>	Galliformes	Phasianidae	<i>Pucrasia macrolopha</i>	Galliformes	Phasianidae	<i>Pucrasia macrolopha</i>
Galliformes	Phasianidae	<i>Rheinardia ocellata</i>	Galliformes	Phasianidae	<i>Rheinardia ocellata</i>	Galliformes	Phasianidae	<i>Rheinardia ocellata</i>
Galliformes	Phasianidae	<i>Syrmaticus ellioti</i>	Galliformes	Phasianidae	<i>Syrmaticus ellioti</i>	Galliformes	Phasianidae	<i>Syrmaticus ellioti</i>
Galliformes	Phasianidae	<i>Syrmaticus humiae</i>	Galliformes	Phasianidae	<i>Syrmaticus humiae</i>	Galliformes	Phasianidae	<i>Syrmaticus humiae</i>
Galliformes	Phasianidae	<i>Syrmaticus mikado</i>	Galliformes	Phasianidae	<i>Syrmaticus mikado</i>	Galliformes	Phasianidae	<i>Syrmaticus mikado</i>
Galliformes	Phasianidae	<i>Tetraogallus caspius</i>	Galliformes	Phasianidae	<i>Tetraogallus caspius</i>	Galliformes	Phasianidae	<i>Tetraogallus caspius</i>
Galliformes	Phasianidae	<i>Tetraogallus tibetanus</i>	Galliformes	Phasianidae	<i>Tetraogallus tibetanus</i>	Galliformes	Phasianidae	<i>Tetraogallus tibetanus</i>
Galliformes	Phasianidae	<i>Tragopan blythii</i>	Galliformes	Phasianidae	<i>Tragopan blythii</i>	Galliformes	Phasianidae	<i>Tragopan blythii</i>
Galliformes	Phasianidae	<i>Tragopan caboti</i>	Galliformes	Phasianidae	<i>Tragopan caboti</i>	Galliformes	Phasianidae	<i>Tragopan caboti</i>
Galliformes	Phasianidae	<i>Tragopan</i>	Galliformes	Phasianidae	<i>Tragopan</i>	Galliformes	Phasianidae	<i>Tragopan</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>melanocephalus</i>			<i>melanocephalus</i>			<i>melanocephalus</i>
Galliformes	Phasianidae	<i>Tragopan satyra</i>	Galliformes	Phasianidae	<i>Tragopan satyra</i>	Galliformes	Phasianidae	<i>Tragopan satyra</i>
Galliformes	Phasianidae	<i>Tympanuchus cupido attwateri</i>	Galliformes	Phasianidae	<i>Tympanuchus cupido attwateri</i>	Galliformes	Phasianidae	<i>Tympanuchus cupido attwateri</i>
Gruiformes	Gruidae	<i>Anthropoides paradiseus</i>	Gruiformes	Gruidae	<i>Grus paradisea</i>	Gruiformes	Gruidae	<i>Anthropoides paradiseus</i>
Gruiformes	Gruidae	<i>Anthropoides virgo</i>	Gruiformes	Gruidae	<i>Grus virgo</i>	Gruiformes	Gruidae	<i>Anthropoides virgo</i>
Gruiformes	Gruidae	<i>Balearica pavonina</i>	Gruiformes	Gruidae	<i>Balearica pavonina</i>	Gruiformes	Gruidae	<i>Balearica pavonina</i>
Gruiformes	Gruidae	<i>Balearica regulorum</i>	Gruiformes	Gruidae	<i>Balearica regulorum</i>	Gruiformes	Gruidae	<i>Balearica regulorum</i>
Gruiformes	Gruidae	<i>Buggeranus carunculatus</i>	Gruiformes	Gruidae	<i>Grus carunculata</i>	Gruiformes	Gruidae	<i>Buggeranus carunculatus</i>
Gruiformes	Gruidae	<i>Grus americana</i>	Gruiformes	Gruidae	<i>Grus americana</i>	Gruiformes	Gruidae	<i>Grus americana</i>
Gruiformes	Gruidae	<i>Grus antigone</i>	Gruiformes	Gruidae	<i>Antigone antigone</i>	Gruiformes	Gruidae	<i>Antigone antigone</i>
Gruiformes	Gruidae	<i>Grus canadensis</i>	Gruiformes	Gruidae	<i>Antigone canadensis</i>	Gruiformes	Gruidae	<i>Antigone canadensis</i>
Gruiformes	Gruidae	<i>Grus canadensis nesiotis</i>	Gruiformes	Gruidae	<i>Antigone canadensis nesiotis</i>	Gruiformes	Gruidae	<i>Antigone canadensis nesiotis</i>
Gruiformes	Gruidae	<i>Grus canadensis pulla</i>	Gruiformes	Gruidae	<i>Antigone canadensis pulla</i>	Gruiformes	Gruidae	<i>Antigone canadensis pulla</i>
Gruiformes	Gruidae	<i>Grus grus</i>	Gruiformes	Gruidae	<i>Grus grus</i>	Gruiformes	Gruidae	<i>Grus grus</i>
Gruiformes	Gruidae	<i>Grus japonensis</i>	Gruiformes	Gruidae	<i>Grus japonensis</i>	Gruiformes	Gruidae	<i>Grus japonensis</i>
Gruiformes	Gruidae	<i>Grus leucogeranus</i>	Gruiformes	Gruidae	<i>Leucogeranus leucogeranus</i>	Gruiformes	Gruidae	<i>Leucogeranus leucogeranus</i>
Gruiformes	Gruidae	<i>Grus monacha</i>	Gruiformes	Gruidae	<i>Grus monacha</i>	Gruiformes	Gruidae	<i>Grus monacha</i>
Gruiformes	Gruidae	<i>Grus nigricollis</i>	Gruiformes	Gruidae	<i>Grus nigricollis</i>	Gruiformes	Gruidae	<i>Grus nigricollis</i>
Gruiformes	Gruidae	<i>Grus rubicunda</i>	Gruiformes	Gruidae	<i>Antigone rubicunda</i>	Gruiformes	Gruidae	<i>Antigone rubicunda</i>
Gruiformes	Gruidae	<i>Grus vipio</i>	Gruiformes	Gruidae	<i>Antigone vipio</i>	Gruiformes	Gruidae	<i>Antigone vipio</i>
Gruiformes	Otididae ²⁵	<i>Afrotis afra</i>	Otidiformes	Otididae	<i>Afrotis afra</i>	Gruiformes	Otidiformes	<i>Afrotis afra</i>
Gruiformes	Otididae	<i>Afrotis afraoides</i>	Otidiformes	Otididae	<i>Afrotis afraoides</i>	Gruiformes	Otidiformes	<i>Afrotis afraoides</i>

²⁵ Otididae in H&M3; Otididae in Dickinson (2003)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Gruiformes	Otididae	<i>Ardeotis arabs</i>	Otidiformes	Otididae	<i>Ardeotis arabs</i>	Gruiformes	Otidiformes	<i>Ardeotis arabs</i>
Gruiformes	Otididae	<i>Ardeotis australis</i>	Otidiformes	Otididae	<i>Ardeotis australis</i>	Gruiformes	Otidiformes	<i>Ardeotis australis</i>
Gruiformes	Otididae	<i>Ardeotis kori</i>	Otidiformes	Otididae	<i>Ardeotis kori</i>	Gruiformes	Otidiformes	<i>Ardeotis kori</i>
Gruiformes	Otididae	<i>Ardeotis nigriceps</i>	Otidiformes	Otididae	<i>Ardeotis nigriceps</i>	Gruiformes	Otidiformes	<i>Ardeotis nigriceps</i>
Gruiformes	Otididae	<i>Chlamydotis macqueenii</i>	Otidiformes	Otididae	<i>Chlamydotis macqueenii</i>	Gruiformes	Otidiformes	<i>Chlamydotis macqueenii</i>
Gruiformes	Otididae	<i>Chlamydotis undulata</i>	Otidiformes	Otididae	<i>Chlamydotis undulata</i>	Gruiformes	Otidiformes	<i>Chlamydotis undulata</i>
Gruiformes	Otididae	<i>Eupodotis caerulescens</i>	Otidiformes	Otididae	<i>Eupodotis caerulescens</i>	Gruiformes	Otidiformes	<i>Eupodotis caerulescens</i>
Gruiformes	Otididae	<i>Eupodotis humilis</i>	Otidiformes	Otididae	<i>Heterotetrax humilis</i>	Gruiformes	Otidiformes	<i>Heterotetrax humilis</i>
Gruiformes	Otididae	<i>Eupodotis rueppellii</i>	Otidiformes	Otididae	<i>Heterotetrax rueppellii</i>	Gruiformes	Otidiformes	<i>Heterotetrax rueppellii</i>
Gruiformes	Otididae	<i>Eupodotis senegalensis</i>	Otidiformes	Otididae	<i>Eupodotis senegalensis</i>	Gruiformes	Otidiformes	<i>Eupodotis senegalensis</i>
Gruiformes	Otididae	<i>Eupodotis vigorsii</i>	Otidiformes	Otididae	<i>Heterotetrax vigorsii</i>	Gruiformes	Otidiformes	<i>Heterotetrax vigorsii</i>
Gruiformes	Otididae	<i>Houbaropsis bengalensis</i>	Otidiformes	Otididae	<i>Houbaropsis bengalensis</i>	Gruiformes	Otidiformes	<i>Houbaropsis bengalensis</i>
Gruiformes	Otididae	<i>Lissotis hartlaubii</i>	Otidiformes	Otididae	<i>Lissotis hartlaubii</i>	Gruiformes	Otidiformes	<i>Lissotis hartlaubii</i>
Gruiformes	Otididae	<i>Lissotis melanogaster</i>	Otidiformes	Otididae	<i>Lissotis melanogaster</i>	Gruiformes	Otidiformes	<i>Lissotis melanogaster</i>
Gruiformes	Otididae	<i>Lophotis gindiana</i>	Otidiformes	Otididae	<i>Lophotis gindiana</i>	Gruiformes	Otidiformes	<i>Lophotis gindiana</i>
Gruiformes	Otididae	<i>Lophotis ruficrista</i>	Otidiformes	Otididae	<i>Lophotis ruficrista</i>	Gruiformes	Otidiformes	<i>Lophotis ruficrista</i>
Gruiformes	Otididae	<i>Lophotis savilei</i>	Otidiformes	Otididae	<i>Lophotis savilei</i>	Gruiformes	Otidiformes	<i>Lophotis savilei</i>
Gruiformes	Otididae	<i>Neotis denhami</i>	Otidiformes	Otididae	<i>Ardeotis denhami</i>	Gruiformes	Otidiformes	<i>Neotis denhami</i>
Gruiformes	Otididae	<i>Neotis heuglinii</i>	Otidiformes	Otididae	<i>Ardeotis heuglinii</i>	Gruiformes	Otidiformes	<i>Neotis heuglinii</i>
Gruiformes	Otididae	<i>Neotis ludwigii</i>	Otidiformes	Otididae	<i>Ardeotis ludwigii</i>	Gruiformes	Otidiformes	<i>Neotis ludwigii</i>
Gruiformes	Otididae	<i>Neotis nuba</i>	Otidiformes	Otididae	<i>Ardeotis nuba</i>	Gruiformes	Otidiformes	<i>Neotis nuba</i>
Gruiformes	Otididae	<i>Otis tarda</i>	Otidiformes	Otididae	<i>Otis tarda</i>	Gruiformes	Otidiformes	<i>Otis tarda</i>
Gruiformes	Otididae	<i>Sypheotides indicus</i>	Otidiformes	Otididae	<i>Sypheotides indicus</i>	Gruiformes	Otidiformes	<i>Sypheotides indicus</i>
Gruiformes	Otididae	<i>Tetrax tetrax</i>	Otidiformes	Otididae	<i>Tetrax tetrax</i>	Gruiformes	Otidiformes	<i>Tetrax tetrax</i>
Gruiformes	Rallidae	<i>Gallirallus sylvestris</i>	Gruiformes	Rallidae	<i>Hypotaenidia sylvestris</i>	Gruiformes	Rallidae	<i>Hypotaenidia sylvestris</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Gruiformes	Rhynochetidae	<i>Rhynochetos jubatus</i>	Eurypygiformes	Rhynochetidae	<i>Rhynochetos jubatus</i>	Eurypygiformes	Rhynochetidae	<i>Rhynochetos jubatus</i>
Passeriformes	Atrichornithidae	<i>Atrichornis clamosus</i>	Passeriformes	Atrichornithidae	<i>Atrichornis clamosus</i>	Passeriformes	Atrichornithidae	<i>Atrichornis clamosus</i>
Passeriformes	Cotingidae	<i>Cephalopterus ornatus</i>	Passeriformes	Cotingidae	<i>Cephalopterus ornatus</i>	Passeriformes	Cotingidae	<i>Cephalopterus ornatus</i>
Passeriformes	Cotingidae	<i>Cephalopterus penduliger</i>	Passeriformes	Cotingidae	<i>Cephalopterus penduliger</i>	Passeriformes	Cotingidae	<i>Cephalopterus penduliger</i>
Passeriformes	Cotingidae	<i>Cotinga maculata</i>	Passeriformes	Cotingidae	<i>Cotinga maculata</i>	Passeriformes	Cotingidae	<i>Cotinga maculata</i>
Passeriformes	Cotingidae	<i>Rupicola peruvianus</i>	Passeriformes	Cotingidae	<i>Rupicola peruvianus</i>	Passeriformes	Cotingidae	<i>Rupicola peruvianus</i>
Passeriformes	Cotingidae	<i>Rupicola rupicola</i>	Passeriformes	Cotingidae	<i>Rupicola rupicola</i>	Passeriformes	Cotingidae	<i>Rupicola rupicola</i>
Passeriformes	Cotingidae	<i>Xipholena atropurpurea</i>	Passeriformes	Cotingidae	<i>Xipholena atropurpurea</i>	Passeriformes	Cotingidae	<i>Xipholena atropurpurea</i>
Passeriformes	Emberizidae	<i>Gubernatrix cristata</i>	Passeriformes	Thraupidae	<i>Gubernatrix cristata</i>	Passeriformes	Thraupidae	<i>Gubernatrix cristata</i>
Passeriformes	Emberizidae	<i>Paroaria capitata</i>	Passeriformes	Thraupidae	<i>Paroaria capitata</i>	Passeriformes	Thraupidae	<i>Paroaria capitata</i>
Passeriformes	Emberizidae	<i>Paroaria coronata</i>	Passeriformes	Thraupidae	<i>Paroaria coronata</i>	Passeriformes	Thraupidae	<i>Paroaria coronata</i>
Passeriformes	Emberizidae ²⁶	<i>Tangara fastuosa</i>	Passeriformes	Thraupidae	<i>Tangara fastuosa</i>	Passeriformes	Thraupidae	<i>Tangara fastuosa</i>
Passeriformes	Estrildidae	<i>Amandava formosa</i>	Passeriformes	Estrildidae	<i>Amandava formosa</i>	Passeriformes	Estrildidae	<i>Amandava formosa</i>
Passeriformes	Estrildidae	<i>Lonchura oryzivora</i>	Passeriformes	Estrildidae	<i>Lonchura oryzivora</i>	Passeriformes	Estrildidae	<i>Lonchura oryzivora</i>
Passeriformes	Estrildidae	<i>Poephila cincta cincta</i>	Passeriformes	Estrildidae	<i>Poephila cincta cincta</i>	Passeriformes	Estrildidae	<i>Poephila cincta cincta</i>
Passeriformes	Fringillidae	<i>Carduelis cucullata</i>	Passeriformes	Fringillidae	<i>Spinus cucullatus</i>	Passeriformes	Fringillidae	<i>Spinus cucullatus</i>
Passeriformes	Fringillidae	<i>Carduelis yarrellii</i>	Passeriformes	Fringillidae	<i>Spinus yarrellii</i>	Passeriformes	Fringillidae	<i>Spinus yarrellii</i>
Passeriformes	Hirundinidae	<i>Pseudochelidon sirintarae</i>	Passeriformes	Hirundinidae	<i>Pseudochelidon sirintarae</i>	Passeriformes	Hirundinidae	<i>Eurochelidon sirintarae</i>
Passeriformes	Icteridae	<i>Xanthopsar flavus</i>	Passeriformes	Icteridae	<i>Xanthopsar flavus</i>	Passeriformes	Icteridae	<i>Xanthopsar flavus</i>
Passeriformes	Meliphagidae	<i>Lichenostomus melanops cassidix</i>	Passeriformes	Meliphagidae	<i>Lichenostomus melanops cassidix</i>	Passeriformes	Meliphagidae	<i>Lichenostomus melanops cassidix</i>
Passeriformes	Muscicapidae ²⁷	<i>Acrocephalus rodericanus</i>	Passeriformes	Acrocephalidae	<i>Acrocephalus rodericanus</i>	Passeriformes	Acrocephalidae	<i>Acrocephalus rodericanus</i>

²⁶ Thraupidae in H&M3

²⁷ Sylviidae in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Passeriformes	Muscicapidae	<i>Cyornis ruckii</i> ²⁸	Passeriformes	Muscicapidae	<i>Cyornis ruckii</i>	Passeriformes	Muscicapidae	<i>Cyornis ruckii</i>
Passeriformes	Muscicapidae ²⁹	<i>Dasyornis broadbenti litoralis</i>	Passeriformes	Dasyornithidae	<i>Dasyornis broadbenti litoralis</i>	Passeriformes	Dasyornithidae	<i>Dasyornis broadbenti litoralis</i>
Passeriformes	Muscicapidae ³⁰	<i>Dasyornis longirostris</i>	Passeriformes	Dasyornithidae	<i>Dasyornis longirostris</i>	Passeriformes	Dasyornithidae	<i>Dasyornis longirostris</i>
Passeriformes	Muscicapidae ³¹	<i>Garrulax canorus</i>	Passeriformes	Leiothrichidae	<i>Garrulax canorus</i>	Passeriformes	Leiothrichidae	<i>Garrulax canorus</i>
Passeriformes	Muscicapidae ³²	<i>Garrulax taewanus</i> ³³	Passeriformes	Leiothrichidae	<i>Garrulax canorus taewanus</i>	Passeriformes	Leiothrichidae	<i>Garrulax taewanus</i>
Passeriformes	Muscicapidae ³⁴	<i>Leiothrix argenteauris</i>	Passeriformes	Leiothrichidae	<i>Leiothrix argenteauris</i>	Passeriformes	Leiothrichidae	<i>Leiothrix argenteauris</i> (ssp. <i>argenteauris</i> , <i>galbana</i> , <i>ricketti</i> , <i>cunhaci</i> , <i>tahanensis</i>)
						Passeriformes	Leiothrichidae	<i>Leiothrix laurinae</i> (ssp. <i>rookmakeri</i> , <i>laurinae</i>)
Passeriformes	Muscicapidae ³⁵	<i>Leiothrix lutea</i>	Passeriformes	Leiothrichidae	<i>Leiothrix lutea</i>	Passeriformes	Leiothrichidae	<i>Leiothrix lutea</i>
Passeriformes	Muscicapidae ³⁶	<i>Liocichla omeiensis</i>	Passeriformes	Leiothrichidae	<i>Liocichla omeiensis</i>	Passeriformes	Leiothrichidae	<i>Liocichla omeiensis</i>
Passeriformes	Muscicapidae ³⁷	<i>Picathartes gymnocephalus</i>	Passeriformes	Eupetidae	<i>Picathartes gymnocephalus</i>	Passeriformes	Picathartidae	<i>Picathartes gymnocephalus</i>
Passeriformes	Muscicapidae ³⁸	<i>Picathartes oreas</i>	Passeriformes	Eupetidae	<i>Picathartes oreas</i>	Passeriformes	Picathartidae	<i>Picathartes oreas</i>

²⁸ Dickinson (2005); *Cyornis ruecki* in H&M3

²⁹ Dasyornithidae in H&M3

³⁰ Dasyornithidae in H&M3

³¹ Timaliidae in H&M3

³² Timaliidae in H&M3

³³ Collar (2006); as *Garrulax canorus taewanus* in H&M3

³⁴ Timaliidae in H&M3

³⁵ Timaliidae in H&M3

³⁶ Timaliidae in H&M3

³⁷ Picathartidae in H&M3

³⁸ Picathartidae in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Passeriformes	Muscicapidae ³⁹	<i>Terpsiphone bourbonnensis</i>	Passeriformes	Monarchidae	<i>Terpsiphone bourbonnensis</i>	Passeriformes	Monarchidae	<i>Terpsiphone bourbonnensis</i>
Passeriformes	Paradisaeidae	<i>Astrapia mayeri</i>	Passeriformes	Paradisaeidae	<i>Astrapia mayeri</i>	Passeriformes	Paradisaeidae	<i>Astrapia mayeri</i>
Passeriformes	Paradisaeidae	<i>Astrapia nigra</i>	Passeriformes	Paradisaeidae	<i>Astrapia nigra</i>	Passeriformes	Paradisaeidae	<i>Astrapia nigra</i>
Passeriformes	Paradisaeidae	<i>Astrapia rothschildi</i>	Passeriformes	Paradisaeidae	<i>Astrapia rothschildi</i>	Passeriformes	Paradisaeidae	<i>Astrapia rothschildi</i>
Passeriformes	Paradisaeidae	<i>Astrapia splendidissima</i>	Passeriformes	Paradisaeidae	<i>Astrapia splendidissima</i>	Passeriformes	Paradisaeidae	<i>Astrapia splendidissima</i>
Passeriformes	Paradisaeidae	<i>Astrapia stephaniae</i>	Passeriformes	Paradisaeidae	<i>Astrapia stephaniae</i>	Passeriformes	Paradisaeidae	<i>Astrapia stephaniae</i>
Passeriformes	Paradisaeidae	<i>Cicinnurus regius</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus regius</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus regius</i>
Passeriformes	Paradisaeidae ⁴⁰	<i>Cnemophilus loriae</i>	Passeriformes	Cnemophilidae	<i>Cnemophilus loriae</i>	Passeriformes	Cnemophilidae	<i>Cnemophilus loriae</i>
Passeriformes	Paradisaeidae ⁴¹	<i>Cnemophilus macgregorii</i>	Passeriformes	Cnemophilidae	<i>Cnemophilus macgregorii</i>	Passeriformes	Cnemophilidae	<i>Cnemophilus macgregorii</i> (ssp. <i>macgregorii</i>)
						Passeriformes	Cnemophilidae	<i>Cnemophilus sanguineus</i> (ssp. <i>sanguineus</i>)
Passeriformes	Paradisaeidae	<i>Diphyllodes magnificus</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus magnificus</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus magnificus</i>
Passeriformes	Paradisaeidae	<i>Diphyllodes respublica</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus respublica</i>	Passeriformes	Paradisaeidae	<i>Cicinnurus respublica</i>
Passeriformes	Paradisaeidae	<i>Drepanornis albertisi</i>	Passeriformes	Paradisaeidae	<i>Drepanornis albertisi</i>	Passeriformes	Paradisaeidae	<i>Drepanornis albertisi</i>
Passeriformes	Paradisaeidae	<i>Drepanornis bruijnii</i>	Passeriformes	Paradisaeidae	<i>Drepanornis bruijnii</i>	Passeriformes	Paradisaeidae	<i>Drepanornis bruijnii</i>
Passeriformes	Paradisaeidae	<i>Epimachus fastuosus</i>	Passeriformes	Paradisaeidae	<i>Epimachus fastosus</i>	Passeriformes	Paradisaeidae	<i>Epimachus fastosus</i>
Passeriformes	Paradisaeidae	<i>Epimachus meyeri</i>	Passeriformes	Paradisaeidae	<i>Epimachus meyeri</i>	Passeriformes	Paradisaeidae	<i>Epimachus meyeri</i>
Passeriformes	Paradisaeidae ⁴²	<i>Loboparadisea sericea</i>	Passeriformes	Cnemophilidae	<i>Loboparadisea sericea</i>	Passeriformes	Cnemophilidae	<i>Loboparadisea sericea</i>
Passeriformes	Paradisaeidae	<i>Lophorina superba</i>	Passeriformes	Paradisaeidae	<i>Lophorina superba</i>	Passeriformes	Paradisaeidae	<i>Lophorina superba</i>

³⁹ Monarchidae in H&M3

⁴⁰ Cnemophilidae in H&M3

⁴¹ Cnemophilidae in H&M3

⁴² Cnemophilidae in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Passeriformes	Paradisaeidae	<i>Lycocorax pyrrhopterus</i>	Passeriformes	Paradisaeidae	<i>Lycocorax pyrrhopterus</i>	Passeriformes	Paradisaeidae	<i>Lycocorax obiensis</i> (ssp. <i>obiensis</i>)
						Passeriformes	Paradisaeidae	<i>Lycocorax pyrrhopterus</i> (ssp. <i>morotensis</i> , <i>pyrrhopterus</i>)
Passeriformes	Paradisaeidae ⁴³	<i>Macgregoria pulchra</i>	Passeriformes	Meliphagidae	<i>Macgregoria pulchra</i>	Passeriformes	Meliphagidae	<i>Macgregoria pulchra</i>
Passeriformes	Paradisaeidae	<i>Manucodia ater</i>	Passeriformes	Paradisaeidae	<i>Manucodia ater</i>	Passeriformes	Paradisaeidae	<i>Manucodia ater</i>
Passeriformes	Paradisaeidae	<i>Manucodia chalybatus</i>	Passeriformes	Paradisaeidae	<i>Manucodia chalybatus</i>	Passeriformes	Paradisaeidae	<i>Manucodia chalybatus</i>
Passeriformes	Paradisaeidae	<i>Manucodia comrii</i>	Passeriformes	Paradisaeidae	<i>Manucodia comrii</i>	Passeriformes	Paradisaeidae	<i>Manucodia comrii</i>
Passeriformes	Paradisaeidae	<i>Manucodia jobiensis</i>	Passeriformes	Paradisaeidae	<i>Manucodia jobiensis</i>	Passeriformes	Paradisaeidae	<i>Manucodia jobiensis</i>
Passeriformes	Paradisaeidae ⁴⁴	<i>Melampitta gigantea</i>	Passeriformes	Melampittidae	<i>Megalampitta gigantea</i>	Passeriformes	Melampittidae	<i>Megalampitta gigantea</i>
Passeriformes	Paradisaeidae ⁴⁵	<i>Melampitta lugubris</i>	Passeriformes	Melampittidae	<i>Melampitta lugubris</i>	Passeriformes	Melampittidae	<i>Melampitta lugubris</i>
Passeriformes	Paradisaeidae	<i>Paradigalla brevicauda</i>	Passeriformes	Paradisaeidae	<i>Astrapia brevicauda</i>	Passeriformes	Paradisaeidae	<i>Paradigalla brevicauda</i>
Passeriformes	Paradisaeidae	<i>Paradigalla carunculata</i>	Passeriformes	Paradisaeidae	<i>Astrapia carunculata</i>	Passeriformes	Paradisaeidae	<i>Paradigalla carunculata</i>
Passeriformes	Paradisaeidae	<i>Paradisaea apoda</i>	Passeriformes	Paradisaeidae	<i>Paradisaea apoda</i>	Passeriformes	Paradisaeidae	<i>Paradisaea apoda</i>
Passeriformes	Paradisaeidae	<i>Paradisaea decora</i>	Passeriformes	Paradisaeidae	<i>Paradisaea decora</i>	Passeriformes	Paradisaeidae	<i>Paradisaea decora</i>
Passeriformes	Paradisaeidae	<i>Paradisaea guilielmi</i>	Passeriformes	Paradisaeidae	<i>Paradisaea guilielmi</i>	Passeriformes	Paradisaeidae	<i>Paradisaea guilielmi</i>
Passeriformes	Paradisaeidae	<i>Paradisaea minor</i>	Passeriformes	Paradisaeidae	<i>Paradisaea minor</i>	Passeriformes	Paradisaeidae	<i>Paradisaea minor</i>
Passeriformes	Paradisaeidae	<i>Paradisaea raggiana</i>	Passeriformes	Paradisaeidae	<i>Paradisaea raggiana</i>	Passeriformes	Paradisaeidae	<i>Paradisaea raggiana</i>
Passeriformes	Paradisaeidae	<i>Paradisaea rubra</i>	Passeriformes	Paradisaeidae	<i>Paradisaea rubra</i>	Passeriformes	Paradisaeidae	<i>Paradisaea rubra</i>
Passeriformes	Paradisaeidae	<i>Paradisaea rudolphi</i>	Passeriformes	Paradisaeidae	<i>Paradisaea rudolphi</i>	Passeriformes	Paradisaeidae	<i>Paradisornis rudolphi</i>
Passeriformes	Paradisaeidae	<i>Parotia carolae</i>	Passeriformes	Paradisaeidae	<i>Parotia berlepschi</i> (ssp. <i>berlepschi</i>)	Passeriformes	Paradisaeidae	<i>Parotia berlepschi</i> (ssp. <i>berlepschi</i>)

⁴³ Meliphagidae in H&M3

⁴⁴ Genus sedis incerta in H&M3

⁴⁵ Genus sedis incerta in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Passeriformes	Paradisaeidae	<i>Parotia carolae</i> (ssp. <i>carolae</i> , <i>meekei</i> , <i>chalcothorax</i> , <i>chrysenia</i> , <i>clelandiorum</i>)	Passeriformes	Paradisaeidae	<i>Parotia carolae</i> (ssp. <i>carolae</i> , <i>meekei</i> , <i>chalcothorax</i> , <i>chrysenia</i> , <i>clelandiorum</i>)
Passeriformes	Paradisaeidae	<i>Parotia helenae</i>	Passeriformes	Paradisaeidae	<i>Parotia helenae</i>	Passeriformes	Paradisaeidae	<i>Parotia lawesii</i> (ssp. <i>helenae</i>, <i>lawesii</i>)
Passeriformes	Paradisaeidae	<i>Parotia lawesii</i>	Passeriformes	Paradisaeidae	<i>Parotia lawesii</i>			
Passeriformes	Paradisaeidae	<i>Parotia sefilata</i>	Passeriformes	Paradisaeidae	<i>Parotia sefilata</i>	Passeriformes	Paradisaeidae	<i>Parotia sefilata</i>
Passeriformes	Paradisaeidae	<i>Parotia wahnesi</i>	Passeriformes	Paradisaeidae	<i>Parotia wahnesi</i>	Passeriformes	Paradisaeidae	<i>Parotia wahnesi</i>
Passeriformes	Paradisaeidae	<i>Phonygammus keraudrenii</i>	Passeriformes	Paradisaeidae	<i>Phonygammus keraudrenii</i>	Passeriformes	Paradisaeidae	<i>Phonygammus keraudrenii</i>
Passeriformes	Paradisaeidae	<i>Pteridophora alberti</i>	Passeriformes	Paradisaeidae	<i>Pteridophora alberti</i>	Passeriformes	Paradisaeidae	<i>Pteridophora alberti</i>
Passeriformes	Paradisaeidae	<i>Ptiloris intercedens</i>	Passeriformes	Paradisaeidae	<i>Lophorina intercedens</i>	Passeriformes	Paradisaeidae	<i>Lophorina intercedens</i>
Passeriformes	Paradisaeidae	<i>Ptiloris magnificus</i>	Passeriformes	Paradisaeidae	<i>Lophorina magnifica</i>	Passeriformes	Paradisaeidae	<i>Lophorina magnifica</i>
Passeriformes	Paradisaeidae	<i>Ptiloris paradiseus</i>	Passeriformes	Paradisaeidae	<i>Lophorina paradisea</i>	Passeriformes	Paradisaeidae	<i>Lophorina paradisea</i>
Passeriformes	Paradisaeidae	<i>Ptiloris victoriae</i>	Passeriformes	Paradisaeidae	<i>Lophorina victoriae</i>	Passeriformes	Paradisaeidae	<i>Lophorina victoriae</i>
Passeriformes	Paradisaeidae	<i>Seleucidis melanoleucus</i>	Passeriformes	Paradisaeidae	<i>Seleucidis melanoleucus</i>	Passeriformes	Paradisaeidae	<i>Phonygammus keraudrenii</i>
Passeriformes	Paradisaeidae	<i>Semioptera wallacii</i>	Passeriformes	Paradisaeidae	<i>Semioptera wallacii</i>	Passeriformes	Paradisaeidae	<i>Pteridophora alberti</i>
Passeriformes	Pittidae	<i>Pitta guajana</i>	Passeriformes	Pittidae	<i>Pitta guajana</i>	Passeriformes	Pittidae	<i>Hydromis guajanus</i> (ssp. <i>guajanus</i>)
						Passeriformes	Pittidae	<i>Hydromis schwaneri</i> (ssp. <i>schwaneri</i>)
						Passeriformes	Pittidae	<i>Hydromis irena</i> (ssp. <i>ripleyi</i>, <i>irena</i>)
Passeriformes	Pittidae	<i>Pitta gurneyi</i>	Passeriformes	Pittidae	<i>Pitta gurneyi</i>	Passeriformes	Pittidae	<i>Hydromis gurneyi</i>
Passeriformes	Pittidae	<i>Pitta kochi</i>	Passeriformes	Pittidae	<i>Pitta kochi</i>	Passeriformes	Pittidae	<i>Erythropitta kochi</i>
Passeriformes	Pittidae	<i>Pitta nympha</i>	Passeriformes	Pittidae	<i>Pitta nympha</i>	Passeriformes	Pittidae	<i>Pitta nympha</i>
Passeriformes	Pycnonotidae	<i>Pycnonotus zeylanicus</i>	Passeriformes	Pycnonotidae	<i>Pycnonotus zeylanicus</i>	Passeriformes	Pycnonotidae	<i>Pycnonotus zeylanicus</i>
Passeriformes	Sturnidae	<i>Gracula religiosa</i>	Passeriformes	Sturnidae	<i>Gracula religiosa</i>	Passeriformes	Sturnidae	<i>Gracula religiosa</i> (ssp. <i>peninsularis</i>, <i>intermedia</i>, <i>andamanensis</i>, <i>miotera</i>),

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Order	Family	Species	Order	Family	Species	Order	Family	Species
								<i>batuensis, enganensis, religiosa, palawanensis</i>
						Passeriformes	Sturnidae	<i>Gracula indica (ssp. indica)</i>
						Passeriformes	Sturnidae	<i>Gracula venerata (ssp. venerata)</i>
						Passeriformes	Sturnidae	<i>Gracula robusta (ssp. robusta)</i>
Passeriformes	Sturnidae	<i>Leucopsar rothschildi</i>	Passeriformes	Sturnidae	<i>Leucopsar rothschildi</i>	Passeriformes	Sturnidae	<i>Leucopsar rothschildi</i>
Passeriformes	Zosteropidae	<i>Zosterops albogularis</i>	Passeriformes	Zosteropidae	<i>Zosterops albogularis</i>	Passeriformes	Zosteropidae	<i>Zosterops albogularis</i>
Pelecaniformes	Fregatidae	<i>Fregata andrewsi</i>	Pelecaniformes	Fregatidae	<i>Fregata andrewsi</i>	Suliformes	Fregatidae	<i>Fregata andrewsi</i>
Pelecaniformes	Pelecanidae	<i>Pelecanus crispus</i>	Pelecaniformes	Pelecanidae	<i>Pelecanus crispus</i>	Pelecaniformes	Pelecanidae	<i>Pelecanus crispus</i>
Pelecaniformes	Sulidae	<i>Papasula abbotti</i>	Pelecaniformes	Sulidae	<i>Papasula abbotti</i>	Suliformes	Sulidae	<i>Papasula abbotti</i>
Piciformes	Capitonidae ⁴⁶	<i>Semnornis ramphastinus</i>	Piciformes	Ramphastidae	<i>Semnornis ramphastinus</i>	Piciformes	Semnornithidae	<i>Semnornis ramphastinus</i>
Piciformes	Picidae	<i>Dryocopus javensis richardsi</i>	Piciformes	Picidae	<i>Dryocopus javensis richardsi</i>	Piciformes	Picidae	<i>Dryocopus javensis richardsi</i>
Piciformes	Ramphastidae	<i>Baillonius bailloni</i>	Piciformes	Ramphastidae	<i>Pteroglossus bailloni</i>	Piciformes	Ramphastidae	<i>Pteroglossus bailloni</i>
Piciformes	Ramphastidae	<i>Pteroglossus aracari</i>	Piciformes	Ramphastidae	<i>Pteroglossus aracari</i>	Piciformes	Ramphastidae	<i>Pteroglossus aracari</i>
Piciformes	Ramphastidae	<i>Pteroglossus castanotis</i>	Piciformes	Ramphastidae	<i>Pteroglossus castanotis</i>	Piciformes	Ramphastidae	<i>Pteroglossus castanotis</i>
Piciformes	Ramphastidae	<i>Pteroglossus viridis</i>	Piciformes	Ramphastidae	<i>Pteroglossus viridis</i>	Piciformes	Ramphastidae	<i>Pteroglossus viridis</i>
Piciformes	Ramphastidae	<i>Ramphastos dicolorus</i>	Piciformes	Ramphastidae	<i>Ramphastos dicolorus</i>	Piciformes	Ramphastidae	<i>Ramphastos dicolorus</i>
Piciformes	Ramphastidae	<i>Ramphastos sulfuratus</i>	Piciformes	Ramphastidae	<i>Ramphastos sulfuratus</i>	Piciformes	Ramphastidae	<i>Ramphastos sulfuratus</i>
Piciformes	Ramphastidae	<i>Ramphastos toco</i>	Piciformes	Ramphastidae	<i>Ramphastos toco</i>	Piciformes	Ramphastidae	<i>Ramphastos toco</i>
Piciformes	Ramphastidae	<i>Ramphastos tucanus</i>	Piciformes	Ramphastidae	<i>Ramphastos tucanus</i>	Piciformes	Ramphastidae	<i>Ramphastos cuvieri (ssp. cuvieri, inca)</i>
						Piciformes	Ramphastidae	<i>Ramphastos tucanus (ssp. tucanus)</i>

⁴⁶ Ramphastidae in H&M3

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Order	Family	Species	Order	Family	Species	Order	Family	Species
Piciformes	Ramphastidae	<i>Ramphastos vitellinus</i>	Piciformes	Ramphastidae	<i>Ramphastos vitellinus</i>	Piciformes	Ramphastidae	<i>Ramphastos ariel</i> (ssp. <i>ariel</i>)
						Piciformes	Ramphastidae	<i>Ramphastos citrolaemus</i> (ssp. <i>citrolaemus</i>)
						Piciformes	Ramphastidae	<i>Ramphastos culminatus</i> (ssp. <i>culminatus</i>)
						Piciformes	Ramphastidae	<i>Ramphastos vitellinus</i> (ssp. <i>vitellinus</i>)
Piciformes	Ramphastidae	<i>Selenidera maculirostris</i>	Piciformes	Ramphastidae	<i>Selenidera maculirostris</i>	Piciformes	Ramphastidae	<i>Selenidera maculirostris</i>
Podicipediformes	Podicipedidae	<i>Podilymbus gigas</i>	Phoenicopteriformes	Podicipedidae	<i>Podilymbus gigas</i>	Podicipediformes	Podicipedidae	<i>Podilymbus gigas</i>
Procellariiformes	Diomedidae	<i>Phoebastria albatrus</i>	Procellariiformes	Diomedidae	<i>Phoebastria albatrus</i>	Procellariiformes	Diomedidae	<i>Phoebastria albatrus</i>
Psittaciformes	Cacatuidae ⁴⁷	<i>Cacatua alba</i>	Psittaciformes	Cacatuidae	<i>Cacatua alba</i>	Psittaciformes	Cacatuidae	<i>Cacatua alba</i>
Psittaciformes	Cacatuidae	<i>Cacatua ducorpsii</i>	Psittaciformes	Cacatuidae	<i>Cacatua ducorpsii</i>	Psittaciformes	Cacatuidae	<i>Cacatua ducorpsii</i>
Psittaciformes	Cacatuidae	<i>Cacatua galerita</i>	Psittaciformes	Cacatuidae	<i>Cacatua galerita</i>	Psittaciformes	Cacatuidae	<i>Cacatua galerita</i>
Psittaciformes	Cacatuidae	<i>Cacatua goffiniana</i> ⁴⁸	Psittaciformes	Cacatuidae	<i>Cacatua goffiniana</i>	Psittaciformes	Cacatuidae	<i>Cacatua goffiniana</i>
Psittaciformes	Cacatuidae	<i>Cacatua haematuropygia</i>	Psittaciformes	Cacatuidae	<i>Cacatua haematuropygia</i>	Psittaciformes	Cacatuidae	<i>Cacatua haematuropygia</i>
Psittaciformes	Cacatuidae	<i>Cacatua leadbeateri</i>	Psittaciformes	Cacatuidae	<i>Cacatua leadbeateri</i>	Psittaciformes	Cacatuidae	<i>Cacatua leadbeateri</i>
Psittaciformes	Cacatuidae	<i>Cacatua moluccensis</i>	Psittaciformes	Cacatuidae	<i>Cacatua moluccensis</i>	Psittaciformes	Cacatuidae	<i>Cacatua moluccensis</i>
Psittaciformes	Cacatuidae	<i>Cacatua ophthalmica</i>	Psittaciformes	Cacatuidae	<i>Cacatua ophthalmica</i>	Psittaciformes	Cacatuidae	<i>Cacatua ophthalmica</i>
Psittaciformes	Cacatuidae	<i>Cacatua pastinator</i>	Psittaciformes	Cacatuidae	<i>Cacatua pastinator</i>	Psittaciformes	Cacatuidae	<i>Cacatua pastinator</i>
Psittaciformes	Cacatuidae	<i>Cacatua sanguinea</i>	Psittaciformes	Cacatuidae	<i>Cacatua sanguinea</i>	Psittaciformes	Cacatuidae	<i>Cacatua sanguinea</i>
Psittaciformes	Cacatuidae	<i>Cacatua sulphurea</i>	Psittaciformes	Cacatuidae	<i>Cacatua sulphurea</i>	Psittaciformes	Cacatuidae	<i>Cacatua sulphurea</i>
Psittaciformes	Cacatuidae	<i>Cacatua tenuirostris</i>	Psittaciformes	Cacatuidae	<i>Cacatua tenuirostris</i>	Psittaciformes	Cacatuidae	<i>Cacatua tenuirostris</i>
Psittaciformes	Cacatuidae	<i>Callocephalon fimbriatum</i>	Psittaciformes	Cacatuidae	<i>Callocephalon fimbriatum</i>	Psittaciformes	Cacatuidae	<i>Callocephalon fimbriatum</i>
Psittaciformes	Cacatuidae	<i>Calyptorhynchus banksii</i>	Psittaciformes	Cacatuidae	<i>Calyptorhynchus banksii</i>	Psittaciformes	Cacatuidae	<i>Calyptorhynchus banksii</i>
Psittaciformes	Cacatuidae	<i>Calyptorhynchus</i>	Psittaciformes	Cacatuidae	<i>Zanda baudinii</i>	Psittaciformes	Cacatuidae	<i>Zanda baudinii</i>

⁴⁷ Psittacidae in H&M3

⁴⁸ Roselaar and Michels (2004); as *Cacatua goffini* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>baudinii</i>						
Psittaciformes	Cacatuidae	<i>Calyptorhynchus funereus</i>	Psittaciformes	Cacatuidae	<i>Zanda funerea</i>	Psittaciformes	Cacatuidae	<i>Zanda funerea</i>
Psittaciformes	Cacatuidae	<i>Calyptorhynchus lathami</i>	Psittaciformes	Cacatuidae	<i>Calyptorhynchus lathami</i>	Psittaciformes	Cacatuidae	<i>Calyptorhynchus lathami</i>
Psittaciformes	Cacatuidae	<i>Calyptorhynchus latirostris</i>	Psittaciformes	Cacatuidae	<i>Zanda latirostris</i>	Psittaciformes	Cacatuidae	<i>Zanda latirostris</i>
Psittaciformes	Cacatuidae	<i>Eolophus roseicapilla</i>	Psittaciformes	Cacatuidae	<i>Eolophus roseicapilla</i>	Psittaciformes	Cacatuidae	<i>Eolophus roseicapilla</i>
Psittaciformes	Cacatuidae	<i>Probosciger aterrimus</i>	Psittaciformes	Cacatuidae	<i>Probosciger aterrimus</i>	Psittaciformes	Cacatuidae	<i>Probosciger aterrimus</i>
Psittaciformes	Loriidae ⁴⁹	<i>Chalcopsitta atra</i>	Psittaciformes	Psittaculidae	<i>Chalcopsitta atra</i>	Psittaciformes	Psittacidae	<i>Chalcopsitta atra</i>
Psittaciformes	Loriidae	<i>Chalcopsitta cardinalis</i>	Psittaciformes	Psittaculidae	<i>Chalcopsitta cardinalis</i>	Psittaciformes	Psittacidae	<i>Chalcopsitta cardinalis</i>
Psittaciformes	Loriidae	<i>Chalcopsitta duivenbodei</i>	Psittaciformes	Psittaculidae	<i>Chalcopsitta duivenbodei</i>	Psittaciformes	Psittacidae	<i>Chalcopsitta duivenbodei</i>
Psittaciformes	Loriidae	<i>Chalcopsitta scintillata</i>	Psittaciformes	Psittaculidae	<i>Chalcopsitta scintillata</i>	Psittaciformes	Psittacidae	<i>Chalcopsitta scintillata</i>
Psittaciformes	Loriidae	<i>Charmosyna aureicincta</i> ⁵⁰	Psittaciformes	Psittaculidae	<i>Charmosyna amabilis</i>	Psittaciformes	Psittacidae	<i>Charmosyna amabilis</i>
Psittaciformes	Loriidae	<i>Charmosyna diadema</i>	Psittaciformes	Psittaculidae	<i>Charmosyna diadema</i>	Psittaciformes	Psittacidae	<i>Charmosyna diadema</i>
Psittaciformes	Loriidae	<i>Charmosyna josefinae</i>	Psittaciformes	Psittaculidae	<i>Charmosyna josefinae</i>	Psittaciformes	Psittacidae	<i>Charmosyna josefinae</i>
Psittaciformes	Loriidae	<i>Charmosyna margarethae</i>	Psittaciformes	Psittaculidae	<i>Charmosyna margarethae</i>	Psittaciformes	Psittacidae	<i>Charmosyna margarethae</i>
Psittaciformes	Loriidae	<i>Charmosyna meeki</i>	Psittaciformes	Psittaculidae	<i>Charmosyna meeki</i>	Psittaciformes	Psittacidae	<i>Charmosyna meeki</i>
Psittaciformes	Loriidae	<i>Charmosyna multistriata</i>	Psittaciformes	Psittaculidae	<i>Charmosyna multistriata</i>	Psittaciformes	Psittacidae	<i>Charmosyna multistriata</i>
Psittaciformes	Loriidae	<i>Charmosyna palmarum</i>	Psittaciformes	Psittaculidae	<i>Charmosyna palmarum</i>	Psittaciformes	Psittacidae	<i>Charmosyna palmarum</i>
Psittaciformes	Loriidae	<i>Charmosyna papou</i>	Psittaciformes	Psittaculidae	<i>Charmosyna papou</i>	Psittaciformes	Psittacidae	<i>Charmosyna papou (ssp.)</i>

⁴⁹ Psittacidae in H&M3

⁵⁰ Dickinson (2005); *Charmosyna amabilis* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
								<i>papou</i>
						Psittaciformes	Psittacidae	<i>Charmosyna stellae</i> (ssp. <i>goliathina</i> , <i>wahnesi</i> , <i>stellae</i>)
Psittaciformes	Loriidae	<i>Charmosyna placentis</i>	Psittaciformes	Psittaculidae	<i>Charmosyna placentis</i>	Psittaciformes	Psittacidae	<i>Charmosyna placentis</i>
Psittaciformes	Loriidae	<i>Charmosyna pulchella</i>	Psittaciformes	Psittaculidae	<i>Charmosyna pulchella</i>	Psittaciformes	Psittacidae	<i>Charmosyna pulchella</i>
Psittaciformes	Loriidae	<i>Charmosyna rubrigularis</i>	Psittaciformes	Psittaculidae	<i>Charmosyna rubrigularis</i>	Psittaciformes	Psittacidae	<i>Charmosyna rubrigularis</i>
Psittaciformes	Loriidae	<i>Charmosyna rubronotata</i>	Psittaciformes	Psittaculidae	<i>Charmosyna rubronotata</i>	Psittaciformes	Psittacidae	<i>Charmosyna rubronotata</i>
Psittaciformes	Loriidae	<i>Charmosyna toxopei</i>	Psittaciformes	Psittaculidae	<i>Charmosyna toxopei</i>	Psittaciformes	Psittacidae	<i>Charmosyna toxopei</i>
Psittaciformes	Loriidae	<i>Charmosyna wilhelminae</i>	Psittaciformes	Psittaculidae	<i>Charmosyna wilhelminae</i>	Psittaciformes	Psittacidae	<i>Charmosyna wilhelminae</i>
Psittaciformes	Loriidae	<i>Eos cyanogenia</i>	Psittaciformes	Psittaculidae	<i>Eos cyanogenia</i>	Psittaciformes	Psittacidae	<i>Eos cyanogenia</i>
Psittaciformes	Loriidae	<i>Eos histrio</i>	Psittaciformes	Psittaculidae	<i>Eos histrio</i>	Psittaciformes	Psittacidae	<i>Eos histrio</i>
Psittaciformes	Loriidae	<i>Eos reticulata</i>	Psittaciformes	Psittaculidae	<i>Eos reticulata</i>	Psittaciformes	Psittacidae	<i>Eos reticulata</i>
Psittaciformes	Loriidae	<i>Eos rubra</i>	Psittaciformes	Psittaculidae	<i>Eos bornea</i>	Psittaciformes	Psittacidae	<i>Eos bornea</i>
Psittaciformes	Loriidae	<i>Eos semilarvata</i>	Psittaciformes	Psittaculidae	<i>Eos semilarvata</i>	Psittaciformes	Psittacidae	<i>Eos semilarvata</i>
Psittaciformes	Loriidae	<i>Eos squamata</i>	Psittaciformes	Psittaculidae	<i>Eos squamata</i>	Psittaciformes	Psittacidae	<i>Eos squamata</i>
Psittaciformes	Loriidae	<i>Glossopsitta concinna</i>	Psittaciformes	Psittaculidae	<i>Glossopsitta concinna</i>	Psittaciformes	Psittacidae	<i>Glossopsitta concinna</i>
Psittaciformes	Loriidae	<i>Glossopsitta porphyrocephala</i>	Psittaciformes	Psittaculidae	<i>Glossopsitta porphyrocephala</i>	Psittaciformes	Psittacidae	<i>Glossopsitta porphyrocephala</i>
Psittaciformes	Loriidae	<i>Glossopsitta pusilla</i>	Psittaciformes	Psittaculidae	<i>Glossopsitta pusilla</i>	Psittaciformes	Psittacidae	<i>Glossopsitta pusilla</i>
Psittaciformes	Loriidae	<i>Lorius albidinucha</i>	Psittaciformes	Psittaculidae	<i>Lorius albidinucha</i>	Psittaciformes	Psittacidae	<i>Lorius albidinucha</i>
Psittaciformes	Loriidae	<i>Lorius chlorocercus</i>	Psittaciformes	Psittaculidae	<i>Lorius chlorocercus</i>	Psittaciformes	Psittacidae	<i>Lorius chlorocercus</i>
Psittaciformes	Loriidae	<i>Lorius domicella</i>	Psittaciformes	Psittaculidae	<i>Lorius domicella</i>	Psittaciformes	Psittacidae	<i>Lorius domicella</i>
Psittaciformes	Loriidae	<i>Lorius garrulus</i>	Psittaciformes	Psittaculidae	<i>Lorius garrulus</i>	Psittaciformes	Psittacidae	<i>Lorius garrulus</i>
Psittaciformes	Loriidae	<i>Lorius hypoinochrous</i>	Psittaciformes	Psittaculidae	<i>Lorius hypoinochrous</i>	Psittaciformes	Psittacidae	<i>Lorius hypoinochrous</i>
Psittaciformes	Loriidae	<i>Lorius lory</i>	Psittaciformes	Psittaculidae	<i>Lorius lory</i>	Psittaciformes	Psittacidae	<i>Lorius lory</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Loriidae	<i>Neopsittacus musschenbroekii</i>	Psittaciformes	Psittaculidae	<i>Neopsittacus musschenbroekii</i>	Psittaciformes	Psittacidae	<i>Neopsittacus musschenbroekii</i>
Psittaciformes	Loriidae	<i>Neopsittacus pullicauda</i>	Psittaciformes	Psittaculidae	<i>Neopsittacus pullicauda</i>	Psittaciformes	Psittacidae	<i>Neopsittacus pullicauda</i>
Psittaciformes	Loriidae	<i>Oreopsittacus arfaki</i>	Psittaciformes	Psittaculidae	<i>Oreopsittacus arfaki</i>	Psittaciformes	Psittacidae	<i>Oreopsittacus arfaki</i>
Psittaciformes	Loriidae	<i>Phigys solitarius</i>	Psittaciformes	Psittaculidae	<i>Phigys solitarius</i>	Psittaciformes	Psittacidae	<i>Phigys solitarius</i>
Psittaciformes	Loriidae	<i>Pseudeos fuscata</i>	Psittaciformes	Psittaculidae	<i>Pseudeos fuscata</i>	Psittaciformes	Psittacidae	<i>Pseudeos fuscata</i>
Psittaciformes	Loriidae	<i>Psitteuteles goldiei</i>	Psittaciformes	Psittaculidae	<i>Psitteuteles goldiei</i>	Psittaciformes	Psittacidae	<i>Psitteuteles goldiei</i>
Psittaciformes	Loriidae	<i>Psitteuteles iris</i>	Psittaciformes	Psittaculidae	<i>Psitteuteles iris</i>	Psittaciformes	Psittacidae	<i>Psitteuteles iris</i>
Psittaciformes	Loriidae	<i>Psitteuteles versicolor</i>	Psittaciformes	Psittaculidae	<i>Psitteuteles versicolor</i>	Psittaciformes	Psittacidae	<i>Psitteuteles versicolor</i>
Psittaciformes	Loriidae	<i>Trichoglossus chlorolepidotus</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus chlorolepidotus</i>	Psittaciformes	Psittacidae	<i>Trichoglossus chlorolepidotus</i>
Psittaciformes	Loriidae	<i>Trichoglossus euteles</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus euteles</i>	Psittaciformes	Psittacidae	<i>Trichoglossus euteles</i>
Psittaciformes	Loriidae	<i>Trichoglossus flavoviridis</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus flavoviridis</i>	Psittaciformes	Psittacidae	<i>Trichoglossus flavoviridis</i> (ssp. flavoviridis)
						Psittaciformes	Psittacidae	<i>Trichoglossus meyeri</i> (ssp. meyeri)
Psittaciformes	Loriidae	<i>Trichoglossus haematodus</i> ⁵¹	Psittaciformes	Psittaculidae	<i>Trichoglossus capistratus</i> (ssp. fortis , capistratus , flavotectus)	Psittaciformes	Psittacidae	<i>Trichoglossus capistratus</i> (ssp. fortis , capistratus , flavotectus)
			Psittaciformes	Psittaculidae	<i>Trichoglossus forsteni</i> (ssp. djampeanus , stresemanni , mitchellii , forsteni)			<i>Trichoglossus forsteni</i> (ssp. djampeanus , stresemanni , mitchellii , forsteni)

⁵¹ Collar (1997); in H&M3 as: *Trichoglossus capistratus* (ssp. *fortis*, *capistratus*, *flavotectus*); *Trichoglossus forsteni* (ssp. *djampeanus*, *stresemanni*, *mitchellii*, *forsteni*); *Trichoglossus haematodus* (ssp. *haematodus*, *rosenbergii*, *intermedius*, *nigrogularis*, *caeruleiceps*, *massena*, *nesophilus*, *flavicans*, *deplanchii*, *septentrionalis*, *moluccanus*, *eyrei*); *Trichoglossus rubritorquis* (ssp. *rubritorquis*); *Trichoglossus weberi* (ssp. *weberi*)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Psittaciformes	Psittaculidae	<i>Trichoglossus haematodus</i> (ssp. <i>haematodus</i> , <i>rosenbergii</i> , <i>nigrogularis</i> , <i>caeruleiceps</i> , <i>micropteryx</i> , <i>massena</i> , <i>nesophilus</i> , <i>flavicans</i> , <i>deplanchii</i> , <i>septentrionalis</i> , <i>moluccanus</i>)	Psittaciformes	Psittacidae	<i>Trichoglossus haematodus</i> (ssp. <i>haematodus</i> , <i>nigrogularis</i> , <i>caeruleiceps</i> , <i>micropteryx</i> , <i>massena</i> , <i>nesophilus</i> , <i>flavicans</i> , <i>deplanchii</i> , <i>intermedius</i> , <i>brookii</i>)
						Psittaciformes	Psittacidae	<i>Trichoglossus moluccanus</i> (ssp. <i>septentrionalis</i> , <i>moluccanus</i>)
						Psittaciformes	Psittacidae	<i>Trichoglossus rosenbergii</i> (ssp. <i>rosenbergii</i>)
			Psittaciformes	Psittaculidae	<i>Trichoglossus rubritorquis</i> (ssp. <i>rubritorquis</i>)	Psittaciformes	Psittacidae	<i>Trichoglossus rubritorquis</i> (ssp. <i>rubritorquis</i>)
			Psittaciformes	Psittaculidae	<i>Trichoglossus weberi</i> (ssp. <i>weberi</i>)	Psittaciformes	Psittacidae	<i>Trichoglossus weberi</i> (ssp. <i>weberi</i>)
Psittaciformes	Loriidae	<i>Trichoglossus johnstoniae</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus johnstoniae</i>	Psittaciformes	Psittacidae	<i>Trichoglossus johnstoniae</i>
Psittaciformes	Loriidae	<i>Trichoglossus ornatus</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus ornatus</i>	Psittaciformes	Psittacidae	<i>Trichoglossus ornatus</i>
Psittaciformes	Loriidae	<i>Trichoglossus rubiginosus</i>	Psittaciformes	Psittaculidae	<i>Trichoglossus rubiginosus</i>	Psittaciformes	Psittacidae	<i>Trichoglossus rubiginosus</i>
Psittaciformes	Loriidae	<i>Vini australis</i>	Psittaciformes	Psittaculidae	<i>Vini australis</i>	Psittaciformes	Psittacidae	<i>Vini australis</i>
Psittaciformes	Loriidae	<i>Vini kuhlii</i>	Psittaciformes	Psittaculidae	<i>Vini kuhlii</i>	Psittaciformes	Psittacidae	<i>Vini kuhlii</i>
Psittaciformes	Loriidae	<i>Vini peruviana</i>	Psittaciformes	Psittaculidae	<i>Vini peruviana</i>	Psittaciformes	Psittacidae	<i>Vini peruviana</i>
Psittaciformes	Loriidae	<i>Vini stepheni</i>	Psittaciformes	Psittaculidae	<i>Vini stepheni</i>	Psittaciformes	Psittacidae	<i>Vini stepheni</i>
Psittaciformes	Loriidae	<i>Vini ultramarina</i>	Psittaciformes	Psittaculidae	<i>Vini ultramarina</i>	Psittaciformes	Psittacidae	<i>Vini ultramarina</i>
Psittaciformes	Psittacidae	<i>Agapornis canus</i>	Psittaciformes	Psittaculidae	<i>Agapornis canus</i>	Psittaciformes	Psittacidae	<i>Agapornis canus</i>
Psittaciformes	Psittacidae	<i>Agapornis fischeri</i>	Psittaciformes	Psittaculidae	<i>Agapornis fischeri</i>	Psittaciformes	Psittacidae	<i>Agapornis fischeri</i>
Psittaciformes	Psittacidae	<i>Agapornis lilianae</i>	Psittaciformes	Psittaculidae	<i>Agapornis lilianae</i>	Psittaciformes	Psittacidae	<i>Agapornis lilianae</i>
Psittaciformes	Psittacidae	<i>Agapornis nigrigenis</i>	Psittaciformes	Psittaculidae	<i>Agapornis nigrigenis</i>	Psittaciformes	Psittacidae	<i>Agapornis nigrigenis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Agapornis personatus</i>	Psittaciformes	Psittaculidae	<i>Agapornis personatus</i>	Psittaciformes	Psittacidae	<i>Agapornis personatus</i>
Psittaciformes	Psittacidae	<i>Agapornis pullarius</i>	Psittaciformes	Psittaculidae	<i>Agapornis pullarius</i>	Psittaciformes	Psittacidae	<i>Agapornis pullarius</i>
Psittaciformes	Psittacidae	<i>Agapornis swindernianus</i>	Psittaciformes	Psittaculidae	<i>Agapornis swindernianus</i>	Psittaciformes	Psittacidae	<i>Agapornis swindernianus</i>
Psittaciformes	Psittacidae	<i>Agapornis taranta</i>	Psittaciformes	Psittaculidae	<i>Agapornis taranta</i>	Psittaciformes	Psittacidae	<i>Agapornis taranta</i>
Psittaciformes	Psittacidae	<i>Alisterus amboinensis</i>	Psittaciformes	Psittaculidae	<i>Alisterus amboinensis</i>	Psittaciformes	Psittacidae	<i>Alisterus amboinensis</i>
Psittaciformes	Psittacidae	<i>Alisterus chloropterus</i>	Psittaciformes	Psittaculidae	<i>Alisterus chloropterus</i>	Psittaciformes	Psittacidae	<i>Alisterus chloropterus</i>
Psittaciformes	Psittacidae	<i>Alisterus scapularis</i>	Psittaciformes	Psittaculidae	<i>Alisterus scapularis</i>	Psittaciformes	Psittacidae	<i>Alisterus scapularis</i>
Psittaciformes	Psittacidae	<i>Amazona aestiva</i>	Psittaciformes	Psittacidae	<i>Amazona aestiva</i>	Psittaciformes	Psittacidae	<i>Amazona aestiva</i>
Psittaciformes	Psittacidae	<i>Amazona agilis</i>	Psittaciformes	Psittacidae	<i>Amazona agilis</i>	Psittaciformes	Psittacidae	<i>Amazona agilis</i>
Psittaciformes	Psittacidae	<i>Amazona albifrons</i>	Psittaciformes	Psittacidae	<i>Amazona albifrons</i>	Psittaciformes	Psittacidae	<i>Amazona albifrons</i>
Psittaciformes	Psittacidae	<i>Amazona amazonica</i>	Psittaciformes	Psittacidae	<i>Amazona amazonica</i>	Psittaciformes	Psittacidae	<i>Amazona amazonica</i>
Psittaciformes	Psittacidae	<i>Amazona arausiaca</i>	Psittaciformes	Psittacidae	<i>Amazona arausiaca</i>	Psittaciformes	Psittacidae	<i>Amazona arausiaca</i>
Psittaciformes	Psittacidae	<i>Amazona auropalliata</i>	Psittaciformes	Psittacidae	<i>Amazona auropalliata</i>	Psittaciformes	Psittacidae	<i>Amazona auropalliata</i>
Psittaciformes	Psittacidae	<i>Amazona autumnalis</i>	Psittaciformes	Psittacidae	<i>Amazona autumnalis</i>	Psittaciformes	Psittacidae	<i>Amazona autumnalis</i> (ssp. <i>autumnalis</i>, <i>salvini</i>)
						Psittaciformes	Psittacidae	<i>Amazona diadema</i> (ssp. <i>diadema</i>)
						Psittaciformes	Psittacidae	<i>Amazona lilacina</i> (ssp. <i>lilacina</i>)
Psittaciformes	Psittacidae	<i>Amazona barbadensis</i>	Psittaciformes	Psittacidae	<i>Amazona barbadensis</i>	Psittaciformes	Psittacidae	<i>Amazona barbadensis</i>
Psittaciformes	Psittacidae	<i>Amazona brasiliensis</i>	Psittaciformes	Psittacidae	<i>Amazona brasiliensis</i>	Psittaciformes	Psittacidae	<i>Amazona brasiliensis</i>
Psittaciformes	Psittacidae	<i>Amazona collaria</i>	Psittaciformes	Psittacidae	<i>Amazona collaria</i>	Psittaciformes	Psittacidae	<i>Amazona collaria</i>
Psittaciformes	Psittacidae	<i>Amazona dufresniana</i>	Psittaciformes	Psittacidae	<i>Amazona dufresniana</i>	Psittaciformes	Psittacidae	<i>Amazona dufresniana</i>
Psittaciformes	Psittacidae	<i>Amazona farinosa</i>	Psittaciformes	Psittacidae	<i>Amazona farinosa</i>	Psittaciformes	Psittacidae	<i>Amazona farinosa</i> (ssp. <i>farinosa</i>)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Psittaciformes	Psittacidae	<i>Amazona guatemalae</i> (ssp. <i>guatemalae</i> , <i>virenticeps</i>)
Psittaciformes	Psittacidae	<i>Amazona festiva</i>	Psittaciformes	Psittacidae	<i>Amazona festiva</i>	Psittaciformes	Psittacidae	<i>Amazona bodini</i> (ssp. <i>bodini</i>)
						Psittaciformes	Psittacidae	<i>Amazona festiva</i> (ssp. <i>festiva</i>)
Psittaciformes	Psittacidae	<i>Amazona finschi</i>	Psittaciformes	Psittacidae	<i>Amazona finschi</i>	Psittaciformes	Psittacidae	<i>Amazona finschi</i>
Psittaciformes	Psittacidae	<i>Amazona guildingii</i>	Psittaciformes	Psittacidae	<i>Amazona guildingii</i>	Psittaciformes	Psittacidae	<i>Amazona guildingii</i>
Psittaciformes	Psittacidae	<i>Amazona imperialis</i>	Psittaciformes	Psittacidae	<i>Amazona imperialis</i>	Psittaciformes	Psittacidae	<i>Amazona imperialis</i>
Psittaciformes	Psittacidae	<i>Amazona kawalli</i>	Psittaciformes	Psittacidae	<i>Amazona kawalli</i>	Psittaciformes	Psittacidae	<i>Amazona kawalli</i>
Psittaciformes	Psittacidae	<i>Amazona leucocephala</i>	Psittaciformes	Psittacidae	<i>Amazona leucocephala</i>	Psittaciformes	Psittacidae	<i>Amazona leucocephala</i>
Psittaciformes	Psittacidae	<i>Amazona mercenaria</i>	Psittaciformes	Psittacidae	<i>Amazona mercenarius</i>	Psittaciformes	Psittacidae	<i>Amazona mercenarius</i>
Psittaciformes	Psittacidae	<i>Amazona ochrocephala</i> [including ssp. <i>magna</i> in H&M3]	Psittaciformes	Psittacidae	<i>Amazona ochrocephala</i> [excluding ssp. <i>magna</i>]	Psittaciformes	Psittacidae	<i>Amazona ochrocephala</i> [excluding ssp. <i>magna</i>]
Psittaciformes	Psittacidae	<i>Amazona oratrix</i> [ssp. <i>magna</i> listed under <i>Amazona ochrocephala</i> in H&M3; see text]	Psittaciformes	Psittacidae	<i>Amazona oratrix</i> [including ssp. <i>magna</i>]	Psittaciformes	Psittacidae	<i>Amazona oratrix</i> [including ssp. <i>magna</i> , subsumed in ssp. <i>oratrix</i>]
Psittaciformes	Psittacidae	<i>Amazona pretrei</i>	Psittaciformes	Psittacidae	<i>Amazona pretrei</i>	Psittaciformes	Psittacidae	<i>Amazona pretrei</i>
Psittaciformes	Psittacidae	<i>Amazona rhodocorytha</i>	Psittaciformes	Psittacidae	<i>Amazona rhodocorytha</i>	Psittaciformes	Psittacidae	<i>Amazona rhodocorytha</i>
Psittaciformes	Psittacidae	<i>Amazona tucumana</i>	Psittaciformes	Psittacidae	<i>Amazona tucumana</i>	Psittaciformes	Psittacidae	<i>Amazona tucumana</i>
Psittaciformes	Psittacidae	<i>Amazona ventralis</i>	Psittaciformes	Psittacidae	<i>Amazona ventralis</i>	Psittaciformes	Psittacidae	<i>Amazona ventralis</i>
Psittaciformes	Psittacidae	<i>Amazona versicolor</i>	Psittaciformes	Psittacidae	<i>Amazona versicolor</i>	Psittaciformes	Psittacidae	<i>Amazona versicolor</i>
Psittaciformes	Psittacidae	<i>Amazona vinacea</i>	Psittaciformes	Psittacidae	<i>Amazona vinacea</i>	Psittaciformes	Psittacidae	<i>Amazona vinacea</i>
Psittaciformes	Psittacidae	<i>Amazona viridigenalis</i>	Psittaciformes	Psittacidae	<i>Amazona viridigenalis</i>	Psittaciformes	Psittacidae	<i>Amazona viridigenalis</i>
Psittaciformes	Psittacidae	<i>Amazona vittata</i>	Psittaciformes	Psittacidae	<i>Amazona vittata</i>	Psittaciformes	Psittacidae	<i>Amazona vittata</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Amazona xanholora</i>	Psittaciformes	Psittacidae	<i>Amazona xanholora</i>	Psittaciformes	Psittacidae	<i>Amazona xanholora</i>
Psittaciformes	Psittacidae	<i>Amazona xanthops</i>	Psittaciformes	Psittacidae	<i>Alipiopsitta xanthops</i>	Psittaciformes	Psittacidae	<i>Alipiopsitta xanthops</i>
Psittaciformes	Psittacidae	<i>Anodorhynchus glaucus</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus glaucus</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus glaucus</i>
Psittaciformes	Psittacidae	<i>Anodorhynchus hyacinthinus</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus hyacinthinus</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus hyacinthinus</i>
Psittaciformes	Psittacidae	<i>Anodorhynchus leari</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus leari</i>	Psittaciformes	Psittacidae	<i>Anodorhynchus leari</i>
Psittaciformes	Psittacidae	<i>Aprosmictus erythropterus</i>	Psittaciformes	Psittaculidae	<i>Aprosmictus erythropterus</i>	Psittaciformes	Psittacidae	<i>Aprosmictus erythropterus</i>
Psittaciformes	Psittacidae	<i>Aprosmictus jonquillaceus</i>	Psittaciformes	Psittaculidae	<i>Aprosmictus jonquillaceus</i>	Psittaciformes	Psittacidae	<i>Aprosmictus jonquillaceus</i>
Psittaciformes	Psittacidae	<i>Ara ambiguus</i>	Psittaciformes	Psittacidae	<i>Ara ambiguus</i>	Psittaciformes	Psittacidae	<i>Ara ambiguus</i>
Psittaciformes	Psittacidae	<i>Ara ararauna</i>	Psittaciformes	Psittacidae	<i>Ara ararauna</i>	Psittaciformes	Psittacidae	<i>Ara ararauna</i>
Psittaciformes	Psittacidae	<i>Ara chloropterus</i>	Psittaciformes	Psittacidae	<i>Ara chloropterus</i>	Psittaciformes	Psittacidae	<i>Ara chloropterus</i>
Psittaciformes	Psittacidae	<i>Ara glaucogularis</i>	Psittaciformes	Psittacidae	<i>Ara glaucogularis</i>	Psittaciformes	Psittacidae	<i>Ara glaucogularis</i>
Psittaciformes	Psittacidae	<i>Ara macao</i>	Psittaciformes	Psittacidae	<i>Ara macao</i>	Psittaciformes	Psittacidae	<i>Ara macao</i>
Psittaciformes	Psittacidae	<i>Ara militaris</i>	Psittaciformes	Psittacidae	<i>Ara militaris</i>	Psittaciformes	Psittacidae	<i>Ara militaris</i>
Psittaciformes	Psittacidae	<i>Ara rubrogenys</i>	Psittaciformes	Psittacidae	<i>Ara rubrogenys</i>	Psittaciformes	Psittacidae	<i>Ara rubrogenys</i>
Psittaciformes	Psittacidae	<i>Ara severus</i>	Psittaciformes	Psittacidae	<i>Ara severus</i>	Psittaciformes	Psittacidae	<i>Ara severus</i>
Psittaciformes	Psittacidae	<i>Aratinga acuticaudata</i>	Psittaciformes	Psittacidae	<i>Psittacara acuticaudatus</i>	Psittaciformes	Psittacidae	<i>Psittacara acuticaudatus</i>
Psittaciformes	Psittacidae	<i>Aratinga aurea</i>	Psittaciformes	Psittacidae	<i>Eupsittula aurea</i>	Psittaciformes	Psittacidae	<i>Eupsittula aurea</i>
Psittaciformes	Psittacidae	<i>Aratinga auricapillus</i>	Psittaciformes	Psittacidae	<i>Aratinga auricapillus</i>	Psittaciformes	Psittacidae	<i>Aratinga auricapillus</i>
Psittaciformes	Psittacidae	<i>Aratinga cactorum</i>	Psittaciformes	Psittacidae	<i>Eupsittula cactorum</i>	Psittaciformes	Psittacidae	<i>Eupsittula cactorum</i>
Psittaciformes	Psittacidae	<i>Aratinga canicularis</i>	Psittaciformes	Psittacidae	<i>Eupsittula canicularis</i>	Psittaciformes	Psittacidae	<i>Eupsittula canicularis</i>
Psittaciformes	Psittacidae	<i>Aratinga chloroptera</i>	Psittaciformes	Psittacidae	<i>Psittacara chloropterus</i>	Psittaciformes	Psittacidae	<i>Psittacara chloropterus</i>
Psittaciformes	Psittacidae	<i>Aratinga erythrogenys</i>	Psittaciformes	Psittacidae	<i>Psittacara erythrogenys</i>	Psittaciformes	Psittacidae	<i>Psittacara erythrogenys</i>
Psittaciformes	Psittacidae	<i>Aratinga euops</i>	Psittaciformes	Psittacidae	<i>Psittacara euops</i>	Psittaciformes	Psittacidae	<i>Psittacara euops</i>
Psittaciformes	Psittacidae	<i>Aratinga finschi</i>	Psittaciformes	Psittacidae	<i>Psittacara finschi</i>	Psittaciformes	Psittacidae	<i>Psittacara finschi</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Aratinga holochlora</i>	Psittaciformes	Psittacidae	<i>Psittacara holochlorus</i>	Psittaciformes	Psittacidae	<i>Psittacara holochlorus</i> (ssp. <i>brevipes</i> , <i>brewsteri</i> , <i>holochlorus</i> , <i>strenuus</i>)
						Psittaciformes	Psittacidae	<i>Psittacara rubritorquis</i> (ssp. <i>rubritorquis</i>)
Psittaciformes	Psittacidae	<i>Aratinga jandaya</i>	Psittaciformes	Psittacidae	<i>Aratinga jandaya</i>	Psittaciformes	Psittacidae	<i>Aratinga jandaya</i>
Psittaciformes	Psittacidae	<i>Aratinga leucophthalma</i>	Psittaciformes	Psittacidae	<i>Psittacara leucophthalmus</i>	Psittaciformes	Psittacidae	<i>Psittacara leucophthalmus</i>
Psittaciformes	Psittacidae	<i>Aratinga maculata</i> ⁵²	Psittaciformes	Psittacidae	<i>Aratinga maculata</i>	Psittaciformes	Psittacidae	<i>Aratinga maculata</i>
Psittaciformes	Psittacidae	<i>Aratinga mitrata</i>	Psittaciformes	Psittacidae	<i>Psittacara mitratus</i>	Psittaciformes	Psittacidae	<i>Psittacara mitratus</i>
Psittaciformes	Psittacidae	<i>Aratinga nana</i>	Psittaciformes	Psittacidae	<i>Eupsittula nana</i>	Psittaciformes	Psittacidae	<i>Eupsittula astec</i> (ssp. <i>astec</i> , <i>vicinalis</i>)
						Psittaciformes	Psittacidae	<i>Eupsittula nana</i> (ssp. <i>nana</i>)
Psittaciformes	Psittacidae	<i>Aratinga pertinax</i>	Psittaciformes	Psittacidae	<i>Eupsittula pertinax</i>	Psittaciformes	Psittacidae	<i>Eupsittula pertinax</i>
Psittaciformes	Psittacidae	<i>Aratinga solstitialis</i>	Psittaciformes	Psittacidae	<i>Aratinga solstitialis</i>	Psittaciformes	Psittacidae	<i>Aratinga solstitialis</i>
Psittaciformes	Psittacidae	<i>Aratinga strenua</i>	Psittaciformes	Psittacidae	<i>Psittacara strenuus</i>	Psittaciformes	Psittacidae	<i>Psittacara holochlorus strenuus</i>
Psittaciformes	Psittacidae	<i>Aratinga wagleri</i>	Psittaciformes	Psittacidae	<i>Psittacara wagleri</i>	Psittaciformes	Psittacidae	<i>Psittacara frontatus</i> (ssp. <i>frontatus</i> , <i>minor</i>)
						Psittaciformes	Psittacidae	<i>Psittacara wagleri</i> (ssp. <i>wagleri</i> , <i>transilis</i>)
Psittaciformes	Psittacidae	<i>Aratinga weddellii</i>	Psittaciformes	Psittacidae	<i>Aratinga weddellii</i>	Psittaciformes	Psittacidae	<i>Aratinga weddellii</i>
Psittaciformes	Psittacidae	<i>Barnardius zonarius</i>	Psittaciformes	Psittaculidae	<i>Barnardius zonarius</i>	Psittaciformes	Psittacidae	<i>Barnardius zonarius</i>
Psittaciformes	Psittacidae	<i>Bolbopsittacus lunulatus</i>	Psittaciformes	Psittaculidae	<i>Bolbopsittacus lunulatus</i>	Psittaciformes	Psittacidae	<i>Bolbopsittacus lunulatus</i>
Psittaciformes	Psittacidae	<i>Bolborhynchus ferrugineifrons</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus ferrugineifrons</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus ferrugineifrons</i>
Psittaciformes	Psittacidae	<i>Bolborhynchus lineola</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus lineola</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus lineola</i>

⁵² Nemesio and Rasmussen (2009); described after H&M3 cutoff date (Dec 2001); original (2005) description used *Aratinga pintoii*, now superseded

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Bolborhynchus orbygnesi</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus orbygnesi</i>	Psittaciformes	Psittacidae	<i>Bolborhynchus orbygnesi</i>
Psittaciformes	Psittacidae	<i>Brotogeris chiriri</i>	Psittaciformes	Psittacidae	<i>Brotogeris chiriri</i>	Psittaciformes	Psittacidae	<i>Brotogeris chiriri</i>
Psittaciformes	Psittacidae	<i>Brotogeris chrysoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris chrysoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris chrysoptera</i>
Psittaciformes	Psittacidae	<i>Brotogeris cyanoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris cyanoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris cyanoptera</i>
Psittaciformes	Psittacidae	<i>Brotogeris jugularis</i>	Psittaciformes	Psittacidae	<i>Brotogeris jugularis</i>	Psittaciformes	Psittacidae	<i>Brotogeris jugularis</i>
Psittaciformes	Psittacidae	<i>Brotogeris pyrrhoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris pyrrhoptera</i>	Psittaciformes	Psittacidae	<i>Brotogeris pyrrhoptera</i>
Psittaciformes	Psittacidae	<i>Brotogeris sanctithomae</i>	Psittaciformes	Psittacidae	<i>Brotogeris sanctithomae</i>	Psittaciformes	Psittacidae	<i>Brotogeris sanctithomae</i>
Psittaciformes	Psittacidae	<i>Brotogeris tirica</i>	Psittaciformes	Psittacidae	<i>Brotogeris tirica</i>	Psittaciformes	Psittacidae	<i>Brotogeris tirica</i>
Psittaciformes	Psittacidae	<i>Brotogeris versicolurus</i>	Psittaciformes	Psittacidae	<i>Brotogeris versicolurus</i>	Psittaciformes	Psittacidae	<i>Brotogeris versicolurus</i>
Psittaciformes	Psittacidae	<i>Coracopsis nigra</i>	Psittaciformes	Psittaculidae	<i>Coracopsis barklyi</i> (ssp. <i>barklyi</i>)	Psittaciformes	Psittacidae	<i>Coracopsis barklyi</i> (ssp. <i>barklyi</i>)
			Psittaciformes	Psittaculidae	<i>Coracopsis nigra</i> (ssp. <i>libs, nigra, sibilans</i>)	Psittaciformes	Psittacidae	<i>Coracopsis nigra</i> (ssp. <i>libs, nigra</i>)
			Psittaciformes	Psittacidae	<i>Coracopsis sibilans</i> (ssp. <i>sibilans</i>)	Psittaciformes	Psittacidae	<i>Coracopsis sibilans</i> (ssp. <i>sibilans</i>)
Psittaciformes	Psittacidae	<i>Coracopsis vasa</i>	Psittaciformes	Psittaculidae	<i>Coracopsis vasa</i>	Psittaciformes	Psittacidae	<i>Coracopsis vasa</i>
Psittaciformes	Psittacidae	<i>Cyanoliseus patagonus</i>	Psittaciformes	Psittacidae	<i>Cyanoliseus patagonus</i>	Psittaciformes	Psittacidae	<i>Cyanoliseus patagonus</i>
Psittaciformes	Psittacidae	<i>Cyanopsitta spixii</i>	Psittaciformes	Psittacidae	<i>Cyanopsitta spixii</i>	Psittaciformes	Psittacidae	<i>Cyanopsitta spixii</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus auriceps</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus auriceps</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus auriceps</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus cookii</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus cookii</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus novaezelandiae cookii</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus forbesi</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus forbesi</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus forbesi</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus malherbi</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus malherbi</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus malherbi</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus novaezelandiae</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus novaezelandiae</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus novaezelandiae</i>
Psittaciformes	Psittacidae	<i>Cyanoramphus saisseti</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus saisseti</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus novaezelandiae saisseti</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Cyanoramphus unicolor</i>	Psittaciformes	Psittaculidae	<i>Cyanoramphus unicolor</i>	Psittaciformes	Psittacidae	<i>Cyanoramphus unicolor</i>
Psittaciformes	Psittacidae	<i>Cyclopsitta diophthalma</i>	Psittaciformes	Psittaculidae	<i>Cyclopsitta diophthalma</i>	Psittaciformes	Psittacidae	<i>Cyclopsitta diophthalma</i>
Psittaciformes	Psittacidae	<i>Cyclopsitta diophthalma coxeni</i>	Psittaciformes	Psittaculidae	<i>Cyclopsitta diophthalma coxeni</i>	Psittaciformes	Psittacidae	<i>Cyclopsitta coxeni</i>
Psittaciformes	Psittacidae	<i>Cyclopsitta gulelmitertii</i>	Psittaciformes	Psittaculidae	<i>Cyclopsitta gulelmitertii</i> (ssp. <i>gulelmitertii</i>)	Psittaciformes	Psittacidae	<i>Cyclopsitta gulelmitertii</i> (ssp. <i>gulelmitertii</i>)
			Psittaciformes	Psittaculidae	<i>Cyclopsitta melanogenia</i> (ssp. <i>suavissima</i> , <i>fuscifrons</i> , <i>melanogenia</i>)	Psittaciformes	Psittacidae	<i>Cyclopsitta melanogenia</i> (ssp. <i>suavissima</i> , <i>fuscifrons</i> , <i>melanogenia</i>)
			Psittaciformes	Psittaculidae	<i>Cyclopsitta nigrifrons</i> (ssp. <i>nigrifrons</i> , <i>ramuensis</i> , <i>amabilis</i>)	Psittaciformes	Psittacidae	<i>Cyclopsitta amabilis</i> (ssp. <i>ramuensis</i> , <i>amabilis</i>)
			Psittaciformes	Psittacidae	<i>Cyclopsitta nigrifrons</i> (ssp. <i>nigrifrons</i>)			
Psittaciformes	Psittacidae	<i>Deroptyus accipitrinus</i>	Psittaciformes	Psittacidae	<i>Deroptyus accipitrinus</i>	Psittaciformes	Psittacidae	<i>Deroptyus accipitrinus</i>
Psittaciformes	Psittacidae	<i>Diopsittaca nobilis</i>	Psittaciformes	Psittacidae	<i>Diopsittaca nobilis</i>	Psittaciformes	Psittacidae	<i>Diopsittaca cumanensis</i> (ssp. <i>cumanensis</i> , <i>longipennis</i>)
						Psittaciformes	Psittacidae	<i>Diopsittaca nobilis</i> (ssp. <i>nobilis</i>)
Psittaciformes	Psittacidae	<i>Eclectus roratus</i>	Psittaciformes	Psittaculidae	<i>Eclectus roratus</i>	Psittaciformes	Psittacidae	<i>Eclectus roratus</i>
Psittaciformes	Psittacidae	<i>Enicognathus ferrugineus</i>	Psittaciformes	Psittacidae	<i>Enicognathus ferrugineus</i>	Psittaciformes	Psittacidae	<i>Enicognathus ferrugineus</i>
Psittaciformes	Psittacidae	<i>Enicognathus leptorhynchus</i>	Psittaciformes	Psittacidae	<i>Enicognathus leptorhynchus</i>	Psittaciformes	Psittacidae	<i>Enicognathus leptorhynchus</i>
Psittaciformes	Psittacidae	<i>Eunymphicus cornutus</i>	Psittaciformes	Psittaculidae	<i>Eunymphicus cornutus</i> (ssp. <i>cornutus</i>)	Psittaciformes	Psittacidae	<i>Eunymphicus cornutus</i> (ssp. <i>cornutus</i>)
			Psittaciformes	Psittaculidae	<i>Eunymphicus uvaeensis</i> (ssp. <i>uvaeensis</i>)	Psittaciformes	Psittacidae	<i>Eunymphicus uvaeensis</i> (ssp. <i>uvaeensis</i>)
Psittaciformes	Psittacidae	<i>Forpus coelestis</i>	Psittaciformes	Psittacidae	<i>Forpus coelestis</i>	Psittaciformes	Psittacidae	<i>Forpus coelestis</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Forpus conspicillatus</i>	Psittaciformes	Psittacidae	<i>Forpus conspicillatus</i>	Psittaciformes	Psittacidae	<i>Forpus conspicillatus</i>
Psittaciformes	Psittacidae	<i>Forpus cyanopygius</i>	Psittaciformes	Psittacidae	<i>Forpus cyanopygius</i>	Psittaciformes	Psittacidae	<i>Forpus cyanopygius</i>
Psittaciformes	Psittacidae	<i>Forpus modestus</i> ⁵³	Psittaciformes	Psittacidae	<i>Forpus modestus</i>	Psittaciformes	Psittacidae	<i>Forpus modestus</i>
Psittaciformes	Psittacidae	<i>Forpus passerinus</i>	Psittaciformes	Psittacidae	<i>Forpus passerinus</i> [including ssp. <i>spengeli</i> , included in <i>Forpus xanthopterygius</i> in H&M3]	Psittaciformes	Psittacidae	<i>Forpus passerinus</i>
Psittaciformes	Psittacidae	<i>Forpus xanthops</i>	Psittaciformes	Psittacidae	<i>Forpus xanthops</i>	Psittaciformes	Psittacidae	<i>Forpus xanthops</i>
Psittaciformes	Psittacidae	<i>Forpus xanthopterygius</i>	Psittaciformes	Psittacidae	<i>Forpus passerinus spengeli</i>	Psittaciformes	Psittacidae	<i>Forpus spengeli</i> (ssp. <i>spengeli</i>)
			Psittaciformes	Psittacidae	<i>Forpus xanthopterygius</i>	Psittaciformes	Psittacidae	<i>Forpus xanthopterygius</i>
Psittaciformes	Psittacidae	<i>Geoffroyus geoffroyi</i>	Psittaciformes	Psittaculidae	<i>Geoffroyus geoffroyi</i>	Psittaciformes	Psittacidae	<i>Geoffroyus geoffroyi</i>
Psittaciformes	Psittacidae	<i>Geoffroyus heteroclitus</i>	Psittaciformes	Psittaculidae	<i>Geoffroyus heteroclitus</i>	Psittaciformes	Psittacidae	<i>Geoffroyus heteroclitus</i> (ssp. <i>heteroclitus</i>)
						Psittaciformes	Psittacidae	<i>Geoffroyus hyacinthinus</i> (ssp. <i>hyacinthinus</i>)
Psittaciformes	Psittacidae	<i>Geoffroyus simplex</i>	Psittaciformes	Psittaculidae	<i>Geoffroyus simplex</i>	Psittaciformes	Psittacidae	<i>Geoffroyus simplex</i>
Psittaciformes	Psittacidae	<i>Graydidascalus brachyurus</i>	Psittaciformes	Psittacidae	<i>Graydidascalus brachyurus</i>	Psittaciformes	Psittacidae	<i>Graydidascalus brachyurus</i>
Psittaciformes	Psittacidae	<i>Guarouba guarouba</i>	Psittaciformes	Psittacidae	<i>Guarouba guarouba</i>	Psittaciformes	Psittacidae	<i>Guarouba guarouba</i>
Psittaciformes	Psittacidae	<i>Hapalopsittaca amazonina</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca amazonina</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca amazonina</i>
Psittaciformes	Psittacidae	<i>Hapalopsittaca fuertesi</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca fuertesi</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca fuertesi</i>
Psittaciformes	Psittacidae	<i>Hapalopsittaca melanotis</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca melanotis</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca melanotis</i>
Psittaciformes	Psittacidae	<i>Hapalopsittaca pyrrhops</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca pyrrhops</i>	Psittaciformes	Psittacidae	<i>Hapalopsittaca pyrrhops</i>
Psittaciformes	Psittacidae	<i>Lathamus discolor</i>	Psittaciformes	Psittaculidae	<i>Lathamus discolor</i>	Psittaciformes	Psittacidae	<i>Lathamus discolor</i>
Psittaciformes	Psittacidae	<i>Leptosittaca branickii</i>	Psittaciformes	Psittacidae	<i>Leptosittaca branickii</i>	Psittaciformes	Psittacidae	<i>Leptosittaca branickii</i>

⁵³ Pacheco and Whitney (2006); as *Forpus sclateri* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Loriculus amabilis</i>	Psittaciformes	Psittaculidae	<i>Loriculus amabilis</i> (ssp. <i>amabilis</i>)	Psittaciformes	Psittacidae	<i>Loriculus amabilis</i> (ssp. <i>amabilis</i>)
					<i>Loriculus sclateri</i> (ssp. <i>ruber, sclateri</i>)			<i>Loriculus sclateri</i> (ssp. <i>ruber, sclateri</i>)
Psittaciformes	Psittacidae	<i>Loriculus aurantiifrons</i>	Psittaciformes	Psittaculidae	<i>Loriculus aurantiifrons</i> (ssp. <i>aurantiifrons, batavorum, meeki</i>)	Psittaciformes	Psittacidae	<i>Loriculus aurantiifrons</i> (ssp. <i>aurantiifrons, batavorum, meeki</i>)
					<i>Loriculus tener</i> (ssp. <i>tener</i>)			<i>Loriculus tener</i> (ssp. <i>tener</i>)
Psittaciformes	Psittacidae	<i>Loriculus beryllinus</i>	Psittaciformes	Psittaculidae	<i>Loriculus beryllinus</i>	Psittaciformes	Psittacidae	<i>Loriculus beryllinus</i>
Psittaciformes	Psittacidae	<i>Loriculus catamene</i>	Psittaciformes	Psittaculidae	<i>Loriculus catamene</i>	Psittaciformes	Psittacidae	<i>Loriculus catamene</i>
Psittaciformes	Psittacidae	<i>Loriculus exilis</i>	Psittaciformes	Psittaculidae	<i>Loriculus exilis</i>	Psittaciformes	Psittacidae	<i>Loriculus exilis</i>
Psittaciformes	Psittacidae	<i>Loriculus flosculus</i>	Psittaciformes	Psittaculidae	<i>Loriculus flosculus</i>	Psittaciformes	Psittacidae	<i>Loriculus flosculus</i>
Psittaciformes	Psittacidae	<i>Loriculus galgulus</i>	Psittaciformes	Psittaculidae	<i>Loriculus galgulus</i>	Psittaciformes	Psittacidae	<i>Loriculus galgulus</i>
Psittaciformes	Psittacidae	<i>Loriculus philippensis</i>	Psittaciformes	Psittaculidae	<i>Loriculus philippensis</i>	Psittaciformes	Psittacidae	<i>Loriculus philippensis</i>
Psittaciformes	Psittacidae	<i>Loriculus pusillus</i>	Psittaciformes	Psittaculidae	<i>Loriculus pusillus</i>	Psittaciformes	Psittacidae	<i>Loriculus pusillus</i>
Psittaciformes	Psittacidae	<i>Loriculus stigmatus</i>	Psittaciformes	Psittaculidae	<i>Loriculus stigmatus</i>	Psittaciformes	Psittacidae	<i>Loriculus stigmatus</i>
Psittaciformes	Psittacidae	<i>Loriculus vernalis</i>	Psittaciformes	Psittaculidae	<i>Loriculus vernalis</i>	Psittaciformes	Psittacidae	<i>Loriculus vernalis</i>
Psittaciformes	Psittacidae	<i>Micropsitta bruijnii</i>	Psittaciformes	Psittaculidae	<i>Micropsitta bruijnii</i>	Psittaciformes	Psittacidae	<i>Micropsitta bruijnii</i>
Psittaciformes	Psittacidae	<i>Micropsitta finschii</i>	Psittaciformes	Psittaculidae	<i>Micropsitta finschii</i>	Psittaciformes	Psittacidae	<i>Micropsitta finschii</i>
Psittaciformes	Psittacidae	<i>Micropsitta geelvinkiana</i>	Psittaciformes	Psittaculidae	<i>Micropsitta geelvinkiana</i>	Psittaciformes	Psittacidae	<i>Micropsitta geelvinkiana</i>
Psittaciformes	Psittacidae	<i>Micropsitta keiensis</i>	Psittaciformes	Psittaculidae	<i>Micropsitta keiensis</i>	Psittaciformes	Psittacidae	<i>Micropsitta keiensis</i>
Psittaciformes	Psittacidae	<i>Micropsitta meeki</i>	Psittaciformes	Psittaculidae	<i>Micropsitta meeki</i>	Psittaciformes	Psittacidae	<i>Micropsitta meeki</i>
Psittaciformes	Psittacidae	<i>Micropsitta pusio</i>	Psittaciformes	Psittaculidae	<i>Micropsitta pusio</i>	Psittaciformes	Psittacidae	<i>Micropsitta pusio</i>
Psittaciformes	Psittacidae	<i>Myiopsitta monachus</i>	Psittaciformes	Psittacidae	Myiopsitta monachus	Psittaciformes	Psittacidae	<i>Myiopsitta luchsi</i> (ssp. <i>luchsi</i>)
						Psittaciformes	Psittacidae	<i>Myiopsitta monachus</i> (ssp. <i>cotorra, monachus, calita</i>)
Psittaciformes	Psittacidae	<i>Nandayus nenday</i>	Psittaciformes	Psittacidae	<i>Aratinga nenday</i>	Psittaciformes	Psittacidae	<i>Aratinga nenday</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Nannopsittaca dachilleae</i>	Psittaciformes	Psittacidae	<i>Nannopsittaca dachilleae</i>	Psittaciformes	Psittacidae	<i>Nannopsittaca dachilleae</i>
Psittaciformes	Psittacidae	<i>Nannopsittaca panychlora</i>	Psittaciformes	Psittacidae	<i>Nannopsittaca panychlora</i>	Psittaciformes	Psittacidae	<i>Nannopsittaca panychlora</i>
Psittaciformes	Psittacidae	<i>Neophema chrysogaster</i>	Psittaciformes	Psittaculidae	<i>Neophema chrysogaster</i>	Psittaciformes	Psittacidae	<i>Neophema chrysogaster</i>
Psittaciformes	Psittacidae	<i>Neophema chrysostoma</i>	Psittaciformes	Psittaculidae	<i>Neophema chrysostoma</i>	Psittaciformes	Psittacidae	<i>Neophema chrysostoma</i>
Psittaciformes	Psittacidae	<i>Neophema elegans</i>	Psittaciformes	Psittaculidae	<i>Neophema elegans</i>	Psittaciformes	Psittacidae	<i>Neophema elegans</i>
Psittaciformes	Psittacidae	<i>Neophema petrophila</i>	Psittaciformes	Psittaculidae	<i>Neophema petrophila</i>	Psittaciformes	Psittacidae	<i>Neophema petrophila</i>
Psittaciformes	Psittacidae	<i>Neophema pulchella</i>	Psittaciformes	Psittaculidae	<i>Neophema pulchella</i>	Psittaciformes	Psittacidae	<i>Neophema pulchella</i>
Psittaciformes	Psittacidae	<i>Neophema splendida</i>	Psittaciformes	Psittaculidae	<i>Neophema splendida</i>	Psittaciformes	Psittacidae	<i>Neophema splendida</i>
Psittaciformes	Psittacidae	<i>Neopsephotus bourkii</i>	Psittaciformes	Psittaculidae	<i>Neopsephotus bourkii</i>	Psittaciformes	Psittacidae	<i>Neopsephotus bourkii</i>
Psittaciformes	Psittacidae	<i>Nestor meridionalis</i>	Psittaciformes	Strigopidae	<i>Nestor meridionalis</i>	Psittaciformes	Strigopidae	<i>Nestor meridionalis</i>
Psittaciformes	Psittacidae	<i>Nestor notabilis</i>	Psittaciformes	Strigopidae	<i>Nestor notabilis</i>	Psittaciformes	Strigopidae	<i>Nestor notabilis</i>
Psittaciformes	Psittacidae	<i>Northiella haematogaster</i>	Psittaciformes	Psittaculidae	<i>Northiella haematogaster</i>	Psittaciformes	Psittacidae	<i>Northiella haematogaster</i>
Psittaciformes	Psittacidae	<i>Ognorhynchus icterotis</i>	Psittaciformes	Psittacidae	<i>Ognorhynchus icterotis</i>	Psittaciformes	Psittacidae	<i>Ognorhynchus icterotis</i>
Psittaciformes	Psittacidae	<i>Orthopsittaca manilata</i>	Psittaciformes	Psittacidae	<i>Orthopsittaca manilata</i>	Psittaciformes	Psittacidae	<i>Orthopsittaca manilata</i>
Psittaciformes	Psittacidae	<i>Pezoporus occidentalis</i>	Psittaciformes	Psittaculidae	<i>Pezoporus occidentalis</i>	Psittaciformes	Psittacidae	<i>Pezoporus occidentalis</i>
Psittaciformes	Psittacidae	<i>Pezoporus wallicus</i>	Psittaciformes	Psittaculidae	<i>Pezoporus flaviventris</i> (ssp. <i>flaviventris</i>)	Psittaciformes	Psittacidae	<i>Pezoporus wallicus</i>
			Psittaciformes	Psittaculidae	<i>Pezoporus wallicus</i> (ssp. <i>wallicus</i> , <i>leachi</i>)			
Psittaciformes	Psittacidae	<i>Pionites leucogaster</i>	Psittaciformes	Psittacidae	<i>Pionites leucogaster</i>	Psittaciformes	Psittacidae	<i>Pionites leucogaster</i> (ssp. <i>leucogaster</i>)
						Psittaciformes	Psittacidae	<i>Pionites xanthomerius</i> (ssp. <i>xanthomerius</i>)
						Psittaciformes	Psittacidae	<i>Pionites xanthurus</i> (ssp. <i>xanthurus</i>)
Psittaciformes	Psittacidae	<i>Pionites</i>	Psittaciformes	Psittacidae	<i>Pionites melanocephalus</i>	Psittaciformes	Psittacidae	<i>Pionites melanocephalus</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>melanocephalus</i>						
Psittaciformes	Psittacidae	<i>Pionopsitta aurantiocephala</i> ⁵⁴	Psittaciformes	Psittacidae	<i>Pyrilia aurantiocephala</i>	Psittaciformes	Psittacidae	<i>Pyrilia aurantiocephala</i>
Psittaciformes	Psittacidae	<i>Pionopsitta barrabandi</i>	Psittaciformes	Psittacidae	<i>Pyrilia barrabandi</i>	Psittaciformes	Psittacidae	<i>Pyrilia barrabandi</i>
Psittaciformes	Psittacidae	<i>Pionopsitta caica</i>	Psittaciformes	Psittacidae	<i>Pyrilia caica</i>	Psittaciformes	Psittacidae	<i>Pyrilia caica</i>
Psittaciformes	Psittacidae	<i>Pionopsitta haematotis</i>	Psittaciformes	Psittacidae	<i>Pyrilia haematotis</i>	Psittaciformes	Psittacidae	<i>Pyrilia haematotis</i>
Psittaciformes	Psittacidae	<i>Pionopsitta pileata</i>	Psittaciformes	Psittacidae	<i>Pionopsitta pileata</i>	Psittaciformes	Psittacidae	<i>Pionopsitta pileata</i>
Psittaciformes	Psittacidae	<i>Pionopsitta pulchra</i>	Psittaciformes	Psittacidae	<i>Pyrilia pulchra</i>	Psittaciformes	Psittacidae	<i>Pyrilia pulchra</i>
Psittaciformes	Psittacidae	<i>Pionopsitta pyrilia</i>	Psittaciformes	Psittacidae	<i>Pyrilia pyrilia</i>	Psittaciformes	Psittacidae	<i>Pyrilia pyrilia</i>
Psittaciformes	Psittacidae	<i>Pionopsitta vulturina</i>	Psittaciformes	Psittacidae	<i>Pyrilia vulturina</i>	Psittaciformes	Psittacidae	<i>Pyrilia vulturina</i>
Psittaciformes	Psittacidae	<i>Pionus chalcopterus</i>	Psittaciformes	Psittacidae	<i>Pionus chalcopterus</i>	Psittaciformes	Psittacidae	<i>Pionus chalcopterus</i>
Psittaciformes	Psittacidae	<i>Pionus fuscus</i>	Psittaciformes	Psittacidae	<i>Pionus fuscus</i>	Psittaciformes	Psittacidae	<i>Pionus fuscus</i>
Psittaciformes	Psittacidae	<i>Pionus maximiliani</i>	Psittaciformes	Psittacidae	<i>Pionus maximiliani</i>	Psittaciformes	Psittacidae	<i>Pionus maximiliani</i>
Psittaciformes	Psittacidae	<i>Pionus menstruus</i>	Psittaciformes	Psittacidae	<i>Pionus menstruus</i>	Psittaciformes	Psittacidae	<i>Pionus menstruus</i> (ssp. <i>menstruus</i> , <i>rubrigularis</i>)
						Psittaciformes	Psittacidae	<i>Pionus reichenowi</i> (ssp. <i>reichenowi</i>)
Psittaciformes	Psittacidae	<i>Pionus senilis</i>	Psittaciformes	Psittacidae	<i>Pionus senilis</i>	Psittaciformes	Psittacidae	<i>Pionus senilis</i>
Psittaciformes	Psittacidae	<i>Pionus sordidus</i>	Psittaciformes	Psittacidae	<i>Pionus sordidus</i>	Psittaciformes	Psittacidae	<i>Pionus sordidus</i>
Psittaciformes	Psittacidae	<i>Pionus tumultuosus</i>	Psittaciformes	Psittacidae	<i>Pionus tumultuosus</i>	Psittaciformes	Psittacidae	<i>Pionus seniloides</i> (ssp. <i>seniloides</i>)
						Psittaciformes	Psittacidae	<i>Pionus tumultuosus</i> (ssp. <i>tumultuosus</i>)
Psittaciformes	Psittacidae	<i>Platycercus adscitus</i>	Psittaciformes	Psittaculidae	<i>Platycercus adscitus</i>	Psittaciformes	Psittacidae	<i>Platycercus adscitus</i>
Psittaciformes	Psittacidae	<i>Platycercus caledonicus</i>	Psittaciformes	Psittaculidae	<i>Platycercus caledonicus</i>	Psittaciformes	Psittacidae	<i>Platycercus caledonicus</i>
Psittaciformes	Psittacidae	<i>Platycercus elegans</i>	Psittaciformes	Psittaculidae	<i>Platycercus elegans</i>	Psittaciformes	Psittacidae	<i>Platycercus elegans</i>

⁵⁴ Gaban-Lima et al. (2002); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Platyercus eximius</i>	Psittaciformes	Psittaculidae	<i>Platyercus eximius</i>	Psittaciformes	Psittacidae	<i>Platyercus eximius</i>
Psittaciformes	Psittacidae	<i>Platyercus icterotis</i>	Psittaciformes	Psittaculidae	<i>Platyercus icterotis</i>	Psittaciformes	Psittacidae	<i>Platyercus icterotis</i>
Psittaciformes	Psittacidae	<i>Platyercus venustus</i>	Psittaciformes	Psittaculidae	<i>Platyercus venustus</i>	Psittaciformes	Psittacidae	<i>Platyercus venustus</i>
Psittaciformes	Psittacidae	<i>Poicephalus crassus</i>	Psittaciformes	Psittacidae	<i>Poicephalus crassus</i>	Psittaciformes	Psittacidae	<i>Poicephalus crassus</i>
Psittaciformes	Psittacidae	<i>Poicephalus cryptoxanthus</i>	Psittaciformes	Psittacidae	<i>Poicephalus cryptoxanthus</i>	Psittaciformes	Psittacidae	<i>Poicephalus cryptoxanthus</i>
Psittaciformes	Psittacidae	<i>Poicephalus flavifrons</i>	Psittaciformes	Psittacidae	<i>Poicephalus flavifrons</i>	Psittaciformes	Psittacidae	<i>Poicephalus flavifrons</i>
Psittaciformes	Psittacidae	<i>Poicephalus fuscicollis</i> ⁵⁵	Psittaciformes	Psittacidae	<i>Poicephalus robustus</i> (ssp. <i>fuscicollis</i> , <i>suahelicus</i>)	Psittaciformes	Psittacidae	<i>Poicephalus robustus</i> (ssp. <i>fuscicollis</i> , <i>suahelicus</i>)
Psittaciformes	Psittacidae	<i>Poicephalus gulielmi</i>	Psittaciformes	Psittacidae	<i>Poicephalus gulielmi</i>	Psittaciformes	Psittacidae	<i>Poicephalus gulielmi</i>
Psittaciformes	Psittacidae	<i>Poicephalus meyeri</i>	Psittaciformes	Psittacidae	<i>Poicephalus meyeri</i>	Psittaciformes	Psittacidae	<i>Poicephalus meyeri</i>
Psittaciformes	Psittacidae	<i>Poicephalus robustus</i> ⁵⁶	Psittaciformes	Psittacidae	<i>Poicephalus robustus</i> (ssp. <i>robustus</i>)	Psittaciformes	Psittacidae	<i>Poicephalus robustus</i> (ssp. <i>robustus</i>)
Psittaciformes	Psittacidae	<i>Poicephalus rueppellii</i>	Psittaciformes	Psittacidae	<i>Poicephalus rueppellii</i>	Psittaciformes	Psittacidae	<i>Poicephalus rueppellii</i>
Psittaciformes	Psittacidae	<i>Poicephalus rufiventris</i>	Psittaciformes	Psittacidae	<i>Poicephalus rufiventris</i>	Psittaciformes	Psittacidae	<i>Poicephalus rufiventris</i>
Psittaciformes	Psittacidae	<i>Poicephalus senegalus</i>	Psittaciformes	Psittacidae	<i>Poicephalus senegalus</i>	Psittaciformes	Psittacidae	<i>Poicephalus senegalus</i>
Psittaciformes	Psittacidae	<i>Polytelis alexandrae</i>	Psittaciformes	Psittaculidae	<i>Polytelis alexandrae</i>	Psittaciformes	Psittacidae	<i>Polytelis alexandrae</i>
Psittaciformes	Psittacidae	<i>Polytelis anthopeplus</i>	Psittaciformes	Psittaculidae	<i>Polytelis anthopeplus</i>	Psittaciformes	Psittacidae	<i>Polytelis anthopeplus</i>
Psittaciformes	Psittacidae	<i>Polytelis swainsonii</i>	Psittaciformes	Psittaculidae	<i>Polytelis swainsonii</i>	Psittaciformes	Psittacidae	<i>Polytelis swainsonii</i>
Psittaciformes	Psittacidae	<i>Primolius auricollis</i>	Psittaciformes	Psittacidae	<i>Primolius auricollis</i>	Psittaciformes	Psittacidae	<i>Primolius auricollis</i>
Psittaciformes	Psittacidae	<i>Primolius couloni</i>	Psittaciformes	Psittacidae	<i>Primolius couloni</i>	Psittaciformes	Psittacidae	<i>Primolius couloni</i>
Psittaciformes	Psittacidae	<i>Primolius maracana</i>	Psittaciformes	Psittacidae	<i>Primolius maracana</i>	Psittaciformes	Psittacidae	<i>Primolius maracana</i>
Psittaciformes	Psittacidae	<i>Prioniturus discurus</i>	Psittaciformes	Psittaculidae	<i>Prioniturus discurus</i> (ssp. <i>whiteheadi</i> , <i>discurus</i>)	Psittaciformes	Psittacidae	<i>Prioniturus discurus</i> (ssp. <i>whiteheadi</i> , <i>discurus</i>)

⁵⁵ Coetzer, W. G., et al. (2015); as *Poicephalus robustus* (ssp. *fuscicollis*, *suahelicus*) in HB3

⁵⁶ Coetzer, W. G., et al. (2015); as *Poicephalus robustus* (ssp. *robustus*) in HB3]

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Psittaciformes	Psittaculidae	<i>Prioniturus mindorensis</i> (ssp. <i>mindorensis</i>)	Psittaciformes	Psittacidae	<i>Prioniturus mindorensis</i> (ssp. <i>mindorensis</i>)
Psittaciformes	Psittacidae	<i>Prioniturus flavicans</i>	Psittaciformes	Psittaculidae	<i>Prioniturus flavicans</i>	Psittaciformes	Psittacidae	<i>Prioniturus flavicans</i>
Psittaciformes	Psittacidae	<i>Prioniturus luconensis</i>	Psittaciformes	Psittaculidae	<i>Prioniturus luconensis</i>	Psittaciformes	Psittacidae	<i>Prioniturus luconensis</i>
Psittaciformes	Psittacidae	<i>Prioniturus mada</i>	Psittaciformes	Psittaculidae	<i>Prioniturus mada</i>	Psittaciformes	Psittacidae	<i>Prioniturus mada</i>
Psittaciformes	Psittacidae	<i>Prioniturus montanus</i>	Psittaciformes	Psittaculidae	<i>Prioniturus montanus</i> (ssp. <i>montanus</i>)	Psittaciformes	Psittacidae	<i>Prioniturus montanus</i> (ssp. <i>montanus</i>)
			Psittaciformes	Psittaculidae	<i>Prioniturus waterstradti</i> (ssp. <i>malindangensis</i> , <i>waterstradti</i>)	Psittaciformes	Psittacidae	<i>Prioniturus waterstradti</i> (ssp. <i>malindangensis</i> , <i>waterstradti</i>)
Psittaciformes	Psittacidae	<i>Prioniturus platenae</i>	Psittaciformes	Psittaculidae	<i>Prioniturus platenae</i>	Psittaciformes	Psittacidae	<i>Prioniturus platenae</i>
Psittaciformes	Psittacidae	<i>Prioniturus platurus</i>	Psittaciformes	Psittaculidae	<i>Prioniturus platurus</i>	Psittaciformes	Psittacidae	<i>Prioniturus platurus</i>
Psittaciformes	Psittacidae	<i>Prioniturus verticalis</i>	Psittaciformes	Psittaculidae	<i>Prioniturus verticalis</i>	Psittaciformes	Psittacidae	<i>Prioniturus verticalis</i>
Psittaciformes	Psittacidae	<i>Prosopeia personata</i>	Psittaciformes	Psittaculidae	<i>Pyrrhulopsis personatus</i>	Psittaciformes	Psittacidae	<i>Prosopeia personata</i>
Psittaciformes	Psittacidae	<i>Prosopeia splendens</i>	Psittaciformes	Psittaculidae	<i>Pyrrhulopsis splendens</i>	Psittaciformes	Psittacidae	<i>Prosopeia splendens</i>
Psittaciformes	Psittacidae	<i>Prosopeia tabuensis</i>	Psittaciformes	Psittaculidae	<i>Pyrrhulopsis tabuensis</i>	Psittaciformes	Psittacidae	<i>Prosopeia tabuensis</i>
Psittaciformes	Psittacidae	<i>Psephotus chrysopterygius</i>	Psittaciformes	Psittaculidae	<i>Psephotellus chrysopterygius</i>	Psittaciformes	Psittacidae	<i>Psephotellus chrysopterygius</i>
Psittaciformes	Psittacidae	<i>Psephotus dissimilis</i>	Psittaciformes	Psittaculidae	<i>Psephotellus dissimilis</i>	Psittaciformes	Psittacidae	<i>Psephotellus dissimilis</i>
Psittaciformes	Psittacidae	<i>Psephotus haematonotus</i>	Psittaciformes	Psittaculidae	<i>Psephotus haematonotus</i>	Psittaciformes	Psittacidae	<i>Psephotus haematonotus</i>
Psittaciformes	Psittacidae	<i>Psephotus pulcherrimus</i>	Psittaciformes	Psittaculidae	<i>Psephotellus pulcherrimus</i>	Psittaciformes	Psittacidae	<i>Psephotellus pulcherrimus</i>
Psittaciformes	Psittacidae	<i>Psephotus varius</i>	Psittaciformes	Psittaculidae	<i>Psephotellus varius</i>	Psittaciformes	Psittacidae	<i>Psephotellus varius</i>
Psittaciformes	Psittacidae	<i>Psilopsiagon aurifrons</i>	Psittaciformes	Psittacidae	<i>Psilopsiagon aurifrons</i>	Psittaciformes	Psittacidae	<i>Psilopsiagon aurifrons</i>
Psittaciformes	Psittacidae	<i>Psilopsiagon aymara</i>	Psittaciformes	Psittacidae	<i>Psilopsiagon aymara</i>	Psittaciformes	Psittacidae	<i>Psilopsiagon aymara</i>
Psittaciformes	Psittacidae	<i>Psittacella brehmii</i>	Psittaciformes	Psittaculidae	<i>Psittacella brehmii</i>	Psittaciformes	Psittacidae	<i>Psittacella brehmii</i>
Psittaciformes	Psittacidae	<i>Psittacella madarasi</i>	Psittaciformes	Psittaculidae	<i>Psittacella madarasi</i>	Psittaciformes	Psittacidae	<i>Psittacella madarasi</i>
Psittaciformes	Psittacidae	<i>Psittacella modesta</i>	Psittaciformes	Psittaculidae	<i>Psittacella modesta</i>	Psittaciformes	Psittacidae	<i>Psittacella modesta</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Psittacella picta</i>	Psittaciformes	Psittaculidae	<i>Psittacella picta</i>	Psittaciformes	Psittacidae	<i>Psittacella lorentzi</i> (ssp. <i>lorentzi</i>)
						Psittaciformes	Psittacidae	<i>Psittacella picta</i> (ssp. <i>excelsa, picta</i>)
Psittaciformes	Psittacidae	<i>Psittacula alexandri</i>	Psittaciformes	Psittaculidae	<i>Psittacula alexandri</i>	Psittaciformes	Psittacidae	<i>Psittacula alexandri</i>
Psittaciformes	Psittacidae	<i>Psittacula calthorpa</i>	Psittaciformes	Psittaculidae	<i>Psittacula calthorpa</i>	Psittaciformes	Psittacidae	<i>Psittacula calthorpa</i>
Psittaciformes	Psittacidae	<i>Psittacula caniceps</i>	Psittaciformes	Psittaculidae	<i>Psittacula caniceps</i>	Psittaciformes	Psittacidae	<i>Psittacula caniceps</i>
Psittaciformes	Psittacidae	<i>Psittacula columboides</i>	Psittaciformes	Psittaculidae	<i>Psittacula columboides</i>	Psittaciformes	Psittacidae	<i>Psittacula columboides</i>
Psittaciformes	Psittacidae	<i>Psittacula cyanocephala</i>	Psittaciformes	Psittaculidae	<i>Psittacula cyanocephala</i>	Psittaciformes	Psittacidae	<i>Psittacula cyanocephala</i>
Psittaciformes	Psittacidae	<i>Psittacula derbiana</i>	Psittaciformes	Psittaculidae	<i>Psittacula derbiana</i>	Psittaciformes	Psittacidae	<i>Psittacula derbiana</i>
Psittaciformes	Psittacidae	<i>Psittacula echo</i>	Psittaciformes	Psittaculidae	<i>Psittacula eques echo</i>	Psittaciformes	Psittacidae	<i>Psittacula eques</i>
Psittaciformes	Psittacidae	<i>Psittacula eupatria</i>	Psittaciformes	Psittaculidae	<i>Psittacula eupatria</i>	Psittaciformes	Psittacidae	<i>Psittacula eupatria</i>
Psittaciformes	Psittacidae	<i>Psittacula finschii</i>	Psittaciformes	Psittaculidae	<i>Psittacula finschii</i>	Psittaciformes	Psittacidae	<i>Psittacula finschii</i>
Psittaciformes	Psittacidae	<i>Psittacula himalayana</i>	Psittaciformes	Psittaculidae	<i>Psittacula himalayana</i>	Psittaciformes	Psittacidae	<i>Psittacula himalayana</i>
Psittaciformes	Psittacidae	<i>Psittacula intermedia</i> ⁵⁷	Psittaciformes	Psittaculidae	not listed (probable hybrid)	Psittaciformes	Psittacidae	not listed (probable hybrid)
Psittaciformes	Psittacidae	<i>Psittacula longicauda</i>	Psittaciformes	Psittaculidae	<i>Psittacula longicauda</i>	Psittaciformes	Psittacidae	<i>Psittacula longicauda</i>
Psittaciformes	Psittacidae	<i>Psittacula roseata</i>	Psittaciformes	Psittaculidae	<i>Psittacula roseata</i>	Psittaciformes	Psittacidae	<i>Psittacula roseata</i>
Psittaciformes	Psittacidae	<i>Psittaculirostris desmarestii</i>	Psittaciformes	Psittaculidae	<i>Psittaculirostris desmarestii</i>	Psittaciformes	Psittacidae	<i>Psittaculirostris cervicalis</i> (ssp. <i>cervicalis</i>)
						Psittaciformes	Psittacidae	<i>Psittaculirostris desmarestii</i> (ssp. <i>blythii, occidentalis, desmarestii, intermedia</i>)
						Psittaciformes	Psittacidae	<i>Psittaculirostris godmani</i> (ssp. <i>godmani</i>)

⁵⁷ Collar (1997); treated as a hybrid in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Psittaculirostris edwardsii</i>	Psittaciformes	Psittaculidae	<i>Psittaculirostris edwardsii</i>	Psittaciformes	Psittacidae	<i>Psittaculirostris edwardsii</i>
Psittaciformes	Psittacidae	<i>Psittaculirostris salvadorii</i>	Psittaciformes	Psittaculidae	<i>Psittaculirostris salvadorii</i>	Psittaciformes	Psittacidae	<i>Psittaculirostris salvadorii</i>
Psittaciformes	Psittacidae	<i>Psittacus erithacus</i>	Psittaciformes	Psittaculidae	<i>Psittacus erithacus</i>	Psittaciformes	Psittacidae	<i>Psittacus erithacus</i> (ssp. <i>erithacus</i> , <i>princeps</i>)
						Psittaciformes	Psittacidae	<i>Psittacus timneh</i> (ssp. <i>timneh</i>)
Psittaciformes	Psittacidae	<i>Psittinus cyanurus</i>	Psittaciformes	Psittaculidae	<i>Psittinus cyanurus</i>	Psittaciformes	Psittacidae	<i>Psittinus abbotti</i> (ssp. <i>abbotti</i>)
						Psittaciformes	Psittacidae	<i>Psittinus cyanurus</i> (ssp. <i>cyanurus</i> , <i>pontius</i>)
Psittaciformes	Psittacidae	<i>Psittrichas fulgidus</i>	Psittaciformes	Psittaculidae	<i>Psittrichas fulgidus</i>	Psittaciformes	Psittacidae	<i>Psittrichas fulgidus</i>
Psittaciformes	Psittacidae	<i>Purpureicephalus spurius</i>	Psittaciformes	Psittaculidae	<i>Purpureicephalus spurius</i>	Psittaciformes	Psittacidae	<i>Purpureicephalus spurius</i>
Psittaciformes	Psittacidae	<i>Pyrrhura albipectus</i>	Psittaciformes	Psittacidae	<i>Pyrrhura albipectus</i>	Psittaciformes	Psittacidae	<i>Pyrrhura albipectus</i>
Psittaciformes	Psittacidae	<i>Pyrrhura caeruleiceps</i>	Psittaciformes	Psittacidae	<i>Pyrrhura picta caeruleiceps</i>	Psittaciformes	Psittacidae	<i>Pyrrhura caeruleiceps</i>
Psittaciformes	Psittacidae	<i>Pyrrhura calliptera</i>	Psittaciformes	Psittacidae	<i>Pyrrhura calliptera</i>	Psittaciformes	Psittacidae	<i>Pyrrhura calliptera</i>
Psittaciformes	Psittacidae	<i>Pyrrhura cruentata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura cruentata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura cruentata</i>
Psittaciformes	Psittacidae	<i>Pyrrhura devillei</i>	Psittaciformes	Psittacidae	<i>Pyrrhura devillei</i>	Psittaciformes	Psittacidae	<i>Pyrrhura devillei</i>
Psittaciformes	Psittacidae	<i>Pyrrhura egregia</i>	Psittaciformes	Psittacidae	<i>Pyrrhura egregia</i>	Psittaciformes	Psittacidae	<i>Pyrrhura egregia</i>
Psittaciformes	Psittacidae	<i>Pyrrhura eisenmanni</i>	Psittaciformes	Psittacidae	<i>Pyrrhura picta eisenmanni</i>	Psittaciformes	Psittacidae	<i>Pyrrhura eisenmanni</i>
Psittaciformes	Psittacidae	<i>Pyrrhura frontalis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura frontalis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura frontalis</i>
Psittaciformes	Psittacidae	<i>Pyrrhura griseipectus</i> ⁵⁸	Psittaciformes	Psittacidae	<i>Pyrrhura griseipectus</i>	Psittaciformes	Psittacidae	<i>Pyrrhura griseipectus</i>
Psittaciformes	Psittacidae	<i>Pyrrhura hoematotis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura hoematotis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura hoematotis</i>
Psittaciformes	Psittacidae	<i>Pyrrhura hoffmanni</i>	Psittaciformes	Psittacidae	<i>Pyrrhura hoffmanni</i>	Psittaciformes	Psittacidae	<i>Pyrrhura hoffmanni</i>
Psittaciformes	Psittacidae	<i>Pyrrhura lepida</i>	Psittaciformes	Psittacidae	<i>Pyrrhura lepida</i>	Psittaciformes	Psittacidae	<i>Pyrrhura lepida</i>

⁵⁸ Olmos et al. (2005); as *Pyrrhura leucotis griseipectus* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Pyrrhura leucotis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura leucotis</i>	Psittaciformes	Psittacidae	<i>Pyrrhura emma</i> (ssp. <i>emma, auricularis</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura leucotis</i> (ssp. <i>leucotis</i>)
Psittaciformes	Psittacidae	<i>Pyrrhura melanura</i>	Psittaciformes	Psittacidae	<i>Pyrrhura melanura</i>	Psittaciformes	Psittacidae	<i>Pyrrhura melanura</i> (ssp. <i>chapmani, melanura, souancei, berlepschi</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura pacifica</i> (ssp. <i>pacifica</i>)
Psittaciformes	Psittacidae	<i>Pyrrhura molinae</i>	Psittaciformes	Psittacidae	<i>Pyrrhura molinae</i>	Psittaciformes	Psittacidae	<i>Pyrrhura molinae</i>
Psittaciformes	Psittacidae	<i>Pyrrhura orcesi</i>	Psittaciformes	Psittacidae	<i>Pyrrhura orcesi</i>	Psittaciformes	Psittacidae	<i>Pyrrhura orcesi</i>
Psittaciformes	Psittacidae	<i>Pyrrhura parvifrons</i> ⁵⁹	Psittaciformes	Psittacidae	<i>Pyrrhura roseifrons parvifrons</i>	Psittaciformes	Psittacidae	<i>Pyrrhura parvifrons</i> [described 2008]
Psittaciformes	Psittacidae	<i>Pyrrhura perlata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura perlata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura perlata</i>
Psittaciformes	Psittacidae	<i>Pyrrhura pfrimeri</i>	Psittaciformes	Psittacidae	<i>Pyrrhura pfrimeri</i>	Psittaciformes	Psittacidae	<i>Pyrrhura pfrimeri</i>
Psittaciformes	Psittacidae	<i>Pyrrhura picta</i> (ssp. <i>picta, amazonum, lucianii, roseifrons</i>)	Psittaciformes	Psittacidae	<i>Pyrrhura amazonum</i> (ssp. <i>amazonum, snethlageae, lucida</i>) ⁶⁰	Psittaciformes	Psittacidae	<i>Pyrrhura amazonum</i> (ssp. <i>amazonum</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura snethlageae</i> (ssp. <i>snethlageae, lucida</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura lucianii</i> (ssp. <i>lucianii</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura picta</i> (ssp. <i>eisenmanni, subandina, caeruleiceps, picta</i>)
						Psittaciformes	Psittacidae	<i>Pyrrhura roseifrons</i> (ssp. <i>peruviana, dilutissima, roseifrons</i>) ⁶¹
Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura peruviana</i> (ssp. <i>peruviana, dilutissima</i>)
Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura roseifrons</i> (ssp. <i>roseifrons</i>)
Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rholocephala</i>

⁵⁹ Arndt (2008); described after H&M3 cutoff date (Dec 2001)

⁶⁰ *snethlageae* described 2002, *lucida* described 2008

⁶¹ *peruviana* described 2002, *dilutissima* described 2008

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Psittaciformes	Psittacidae	<i>Pyrrhura rupicola</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rupicola</i>	Psittaciformes	Psittacidae	<i>Pyrrhura rupicola</i>
Psittaciformes	Psittacidae	<i>Pyrrhura subandina</i>	Psittaciformes	Psittacidae	<i>Pyrrhura picta subandina</i>	Psittaciformes	Psittacidae	<i>Pyrrhura subandina</i>
Psittaciformes	Psittacidae	<i>Pyrrhura viridicata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura viridicata</i>	Psittaciformes	Psittacidae	<i>Pyrrhura viridicata</i>
Psittaciformes	Psittacidae	<i>Rhynchopsitta pachyrhyncha</i>	Psittaciformes	Psittacidae	<i>Rhynchopsitta pachyrhyncha</i>	Psittaciformes	Psittacidae	<i>Rhynchopsitta pachyrhyncha</i>
Psittaciformes	Psittacidae	<i>Rhynchopsitta terrisi</i>	Psittaciformes	Psittacidae	<i>Rhynchopsitta terrisi</i>	Psittaciformes	Psittacidae	<i>Rhynchopsitta terrisi</i>
Psittaciformes	Psittacidae	<i>Strigops habroptila</i>	Psittaciformes	Strigopidae	<i>Strigops habroptila</i>	Psittaciformes	Strigopidae	<i>Strigops habroptila</i>
Psittaciformes	Psittacidae	<i>Tanygnathus gramineus</i>	Psittaciformes	Psittaculidae	<i>Tanygnathus gramineus</i>	Psittaciformes	Psittacidae	<i>Tanygnathus gramineus</i>
Psittaciformes	Psittacidae	<i>Tanygnathus lucionensis</i>	Psittaciformes	Psittaculidae	<i>Tanygnathus lucionensis</i>	Psittaciformes	Psittacidae	<i>Tanygnathus lucionensis</i>
Psittaciformes	Psittacidae	<i>Tanygnathus megalorynchos</i>	Psittaciformes	Psittaculidae	<i>Tanygnathus megalorynchos</i>	Psittaciformes	Psittacidae	<i>Tanygnathus megalorynchos</i>
Psittaciformes	Psittacidae	<i>Tanygnathus sumatranus</i>	Psittaciformes	Psittaculidae	<i>Tanygnathus sumatranus</i>	Psittaciformes	Psittacidae	<i>Tanygnathus sumatranus</i>
Psittaciformes	Psittacidae	<i>Touit batavicus</i>	Psittaciformes	Psittacidae	<i>Touit batavicus</i>	Psittaciformes	Psittacidae	<i>Touit batavicus</i>
Psittaciformes	Psittacidae	<i>Touit costaricensis</i>	Psittaciformes	Psittacidae	<i>Touit costaricensis</i>	Psittaciformes	Psittacidae	<i>Touit costaricensis</i>
Psittaciformes	Psittacidae	<i>Touit dilectissimus</i>	Psittaciformes	Psittacidae	<i>Touit dilectissimus</i>	Psittaciformes	Psittacidae	<i>Touit dilectissimus</i>
Psittaciformes	Psittacidae	<i>Touit huetii</i>	Psittaciformes	Psittacidae	<i>Touit huetii</i>	Psittaciformes	Psittacidae	<i>Touit huetii</i>
Psittaciformes	Psittacidae	<i>Touit melanonotus</i>	Psittaciformes	Psittacidae	<i>Touit melanonotus</i>	Psittaciformes	Psittacidae	<i>Touit melanonotus</i>
Psittaciformes	Psittacidae	<i>Touit purpuratus</i>	Psittaciformes	Psittacidae	<i>Touit purpuratus</i>	Psittaciformes	Psittacidae	<i>Touit purpuratus</i>
Psittaciformes	Psittacidae	<i>Touit stictopterus</i>	Psittaciformes	Psittacidae	<i>Touit stictopterus</i>	Psittaciformes	Psittacidae	<i>Touit stictopterus</i>
Psittaciformes	Psittacidae	<i>Touit surdus</i>	Psittaciformes	Psittacidae	<i>Touit surdus</i>	Psittaciformes	Psittacidae	<i>Touit surdus</i>
Psittaciformes	Psittacidae	<i>Tricharia malachitacea</i>	Psittaciformes	Psittacidae	<i>Tricharia malachitacea</i>	Psittaciformes	Psittacidae	<i>Tricharia malachitacea</i>
Rheiformes	Rheidae	<i>Pterocnemia pennata</i> (ssp <i>garleppi</i> , <i>tarapacensis</i>) ⁶²	Rheiformes	Rheidae	<i>Rhea pennata</i> (ssp <i>garleppi</i> , <i>tarapacensis</i>)	Struthioniformes	Rheidae	<i>Rhea tarapacensis</i>

⁶² listed in Appendices as "other than ssp. *pennata*"

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Rheiformes	Rheidae	<i>Pterocnemia pennata pennata</i>	Rheiformes	Rheidae	<i>Rhea pennata pennata</i>	Struthioniformes	Rheidae	<i>Rhea pennata</i>
Rheiformes	Rheidae	<i>Rhea americana</i>	Rheiformes	Rheidae	<i>Rhea americana</i>	Struthioniformes	Rheidae	<i>Rhea americana</i>
Sphenisciformes	Spheniscidae	<i>Spheniscus demersus</i>	Sphenisciformes	Spheniscidae	<i>Spheniscus demersus</i>	Sphenisciformes	Spheniscidae	<i>Spheniscus demersus</i>
Sphenisciformes	Spheniscidae	<i>Spheniscus humboldti</i>	Sphenisciformes	Spheniscidae	<i>Spheniscus humboldti</i>	Sphenisciformes	Spheniscidae	<i>Spheniscus humboldti</i>
Strigiformes	Strigidae	<i>Aegolius acadicus</i>	Strigiformes	Strigidae	<i>Aegolius acadicus</i>	Strigiformes	Strigidae	<i>Aegolius acadicus</i>
Strigiformes	Strigidae	<i>Aegolius funereus</i>	Strigiformes	Strigidae	<i>Aegolius funereus</i>	Strigiformes	Strigidae	<i>Aegolius funereus</i>
Strigiformes	Strigidae	<i>Aegolius harrisii</i>	Strigiformes	Strigidae	<i>Aegolius harrisii</i>	Strigiformes	Strigidae	<i>Aegolius harrisii</i>
Strigiformes	Strigidae	<i>Aegolius ridgwayi</i>	Strigiformes	Strigidae	<i>Aegolius ridgwayi</i>	Strigiformes	Strigidae	<i>Aegolius ridgwayi</i>
Strigiformes	Strigidae	<i>Asio abyssinicus</i>	Strigiformes	Strigidae	<i>Asio abyssinicus</i>	Strigiformes	Strigidae	<i>Asio abyssinicus</i>
Strigiformes	Strigidae	<i>Asio capensis</i>	Strigiformes	Strigidae	<i>Asio capensis</i>	Strigiformes	Strigidae	<i>Asio capensis</i>
Strigiformes	Strigidae	<i>Asio flammeus</i>	Strigiformes	Strigidae	<i>Asio flammeus</i>	Strigiformes	Strigidae	<i>Asio flammeus</i>
Strigiformes	Strigidae	<i>Asio madagascariensis</i>	Strigiformes	Strigidae	<i>Asio madagascariensis</i>	Strigiformes	Strigidae	<i>Asio madagascariensis</i>
Strigiformes	Strigidae	<i>Asio otus</i>	Strigiformes	Strigidae	<i>Asio otus</i>	Strigiformes	Strigidae	<i>Asio otus</i>
Strigiformes	Strigidae	<i>Asio stygius</i>	Strigiformes	Strigidae	<i>Asio stygius</i>	Strigiformes	Strigidae	<i>Asio stygius</i>
Strigiformes	Strigidae	<i>Athene brama</i>	Strigiformes	Strigidae	<i>Athene brama</i>	Strigiformes	Strigidae	<i>Athene brama</i>
Strigiformes	Strigidae	<i>Athene cunicularia</i>	Strigiformes	Strigidae	<i>Athene cunicularia</i>	Strigiformes	Strigidae	<i>Athene cunicularia</i>
Strigiformes	Strigidae	<i>Athene noctua</i>	Strigiformes	Strigidae	<i>Athene noctua</i>	Strigiformes	Strigidae	<i>Athene noctua</i>
Strigiformes	Strigidae	<i>Bubo africanus</i>	Strigiformes	Strigidae	<i>Bubo africanus</i>	Strigiformes	Strigidae	<i>Bubo africanus</i>
Strigiformes	Strigidae	<i>Bubo ascalaphus</i>	Strigiformes	Strigidae	<i>Bubo ascalaphus</i>	Strigiformes	Strigidae	<i>Bubo ascalaphus</i>
Strigiformes	Strigidae	<i>Bubo blakistoni</i>	Strigiformes	Strigidae	<i>Bubo blakistoni</i>	Strigiformes	Strigidae	<i>Bubo blakistoni</i>
Strigiformes	Strigidae	<i>Bubo bubo</i>	Strigiformes	Strigidae	<i>Bubo bengalensis (ssp. bengalensis)</i>	Strigiformes	Strigidae	<i>Bubo bengalensis (ssp. bengalensis)</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Strigiformes	Strigidae	<i>Bubo bubo</i> (ssp. <i>hispanus</i> , <i>bubo</i> , <i>interpositus</i> , <i>ruthenus</i> , <i>sibiricus</i> , <i>yenisseensis</i> , <i>jakutensis</i> , <i>turcomanus</i> , <i>ussuriensis</i> , <i>omissus</i> , <i>nikolskii</i> , <i>hemachalanus</i> , <i>tibetanus</i> , <i>tarimensis</i> , <i>kiautschensis</i> , <i>borissowi</i>)	Strigiformes	Strigidae	<i>Bubo bubo</i> (ssp. <i>hispanus</i> , <i>bubo</i> , <i>interpositus</i> , <i>ruthenus</i> , <i>sibiricus</i> , <i>yenisseensis</i> , <i>jakutensis</i> , <i>turcomanus</i> , <i>ussuriensis</i> , <i>omissus</i> , <i>nikolskii</i> , <i>hemachalanus</i> , <i>tibetanus</i> , <i>tarimensis</i> , <i>kiautschensis</i> , <i>borissowi</i>)
Strigiformes	Strigidae	<i>Bubo capensis</i>	Strigiformes	Strigidae	<i>Bubo capensis</i>	Strigiformes	Strigidae	<i>Bubo capensis</i>
Strigiformes	Strigidae	<i>Bubo cinerascens</i>	Strigiformes	Strigidae	<i>Bubo africanus cinerascens</i>	Strigiformes	Strigidae	<i>Bubo cinerascens</i>
Strigiformes	Strigidae	<i>Bubo coromandus</i>	Strigiformes	Strigidae	<i>Bubo coromandus</i>	Strigiformes	Strigidae	<i>Bubo coromandus</i>
Strigiformes	Strigidae	<i>Bubo lacteus</i>	Strigiformes	Strigidae	<i>Bubo lacteus</i>	Strigiformes	Strigidae	<i>Bubo lacteus</i>
Strigiformes	Strigidae	<i>Bubo leucostictus</i>	Strigiformes	Strigidae	<i>Bubo leucostictus</i>	Strigiformes	Strigidae	<i>Bubo leucostictus</i>
Strigiformes	Strigidae	<i>Bubo nipalensis</i>	Strigiformes	Strigidae	<i>Bubo nipalensis</i>	Strigiformes	Strigidae	<i>Bubo nipalensis</i>
Strigiformes	Strigidae	<i>Bubo philippensis</i>	Strigiformes	Strigidae	<i>Bubo philippensis</i>	Strigiformes	Strigidae	<i>Bubo philippensis</i>
Strigiformes	Strigidae	<i>Bubo poensis</i>	Strigiformes	Strigidae	<i>Bubo poensis</i>	Strigiformes	Strigidae	<i>Bubo poensis</i>
Strigiformes	Strigidae	<i>Bubo shelleyi</i>	Strigiformes	Strigidae	<i>Bubo shelleyi</i>	Strigiformes	Strigidae	<i>Bubo shelleyi</i>
Strigiformes	Strigidae	<i>Bubo sumatranus</i>	Strigiformes	Strigidae	<i>Bubo sumatranus</i>	Strigiformes	Strigidae	<i>Bubo sumatranus</i>
Strigiformes	Strigidae	<i>Bubo virginianus</i>	Strigiformes	Strigidae	<i>Bubo virginianus</i>	Strigiformes	Strigidae	<i>Bubo magellanicus (ssp. magellanicus)</i>
						Strigiformes	Strigidae	<i>Bubo virginianus</i> (ssp. <i>algistus</i> , <i>lagophonus</i> , <i>saturatus</i> , <i>pacificus</i> , <i>elachistus</i> , <i>subarcticus</i> , <i>pinorum</i> , <i>pallescens</i> , <i>heterocnemis</i> , <i>virginianus</i> , <i>mayensis</i> , <i>mesembrinus</i> , <i>nacurutu</i> , <i>deserti</i> , <i>nigrescens</i>)
Strigiformes	Strigidae	<i>Bubo vosseleri</i>	Strigiformes	Strigidae	<i>Bubo poensis vosseleri</i>	Strigiformes	Strigidae	<i>Bubo poensis vosseleri</i>
Strigiformes	Strigidae	<i>Ciccaba huhula</i>	Strigiformes	Strigidae	<i>Ciccaba huhula</i>	Strigiformes	Strigidae	<i>Ciccaba huhula</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Ciccaba nigrolineata</i>	Strigiformes	Strigidae	<i>Ciccaba nigrolineata</i>	Strigiformes	Strigidae	<i>Ciccaba nigrolineata</i>
Strigiformes	Strigidae	<i>Glaucidium bolivianum</i>	Strigiformes	Strigidae	<i>Glaucidium bolivianum</i>	Strigiformes	Strigidae	<i>Glaucidium bolivianum</i>
Strigiformes	Strigidae	<i>Glaucidium brasilianum</i>	Strigiformes	Strigidae	<i>Glaucidium brasilianum</i>	Strigiformes	Strigidae	<i>Glaucidium brasilianum</i> (ssp. <i>cactorum</i> , <i>intermedium</i> , <i>ridgwayi</i> , <i>medianum</i> , <i>margaritae</i> , <i>phaloenoides</i> , <i>duidae</i> , <i>olivaceum</i> , <i>ucayalae</i> , <i>brasilianum</i> , <i>pallens</i> , <i>stranecki</i>)
						Strigiformes	Strigidae	<i>Glaucidium tucumanum</i> (ssp. <i>tucumanum</i>)
Strigiformes	Strigidae	<i>Glaucidium brodiei</i>	Strigiformes	Strigidae	<i>Glaucidium brodiei</i>	Strigiformes	Strigidae	<i>Glaucidium brodiei</i>
Strigiformes	Strigidae	<i>Glaucidium capense</i>	Strigiformes	Strigidae	<i>Glaucidium capense</i>	Strigiformes	Strigidae	<i>Glaucidium albertinum</i> (ssp. <i>albertinum</i>)
						Strigiformes	Strigidae	<i>Glaucidium capense</i> (ssp. <i>etcheopari</i> , <i>scheffleri</i> , <i>ngamiense</i> , <i>capense</i>)
						Strigiformes	Strigidae	<i>Glaucidium castaneum</i> (ssp. <i>castaneum</i>)
Strigiformes	Strigidae	<i>Glaucidium castanonotum</i>	Strigiformes	Strigidae	<i>Glaucidium castanonotum</i>	Strigiformes	Strigidae	<i>Glaucidium castanonotum</i>
Strigiformes	Strigidae	<i>Glaucidium castanopterum</i>	Strigiformes	Strigidae	<i>Glaucidium castanopterum</i>	Strigiformes	Strigidae	<i>Glaucidium castanopterum</i>
Strigiformes	Strigidae	<i>Glaucidium costaricanum</i>	Strigiformes	Strigidae	<i>Glaucidium costaricanum</i>	Strigiformes	Strigidae	<i>Glaucidium costaricanum</i>
Strigiformes	Strigidae	<i>Glaucidium cuculoides</i>	Strigiformes	Strigidae	<i>Glaucidium cuculoides</i>	Strigiformes	Strigidae	<i>Glaucidium cuculoides</i>
Strigiformes	Strigidae	<i>Glaucidium gnoma</i>	Strigiformes	Strigidae	<i>Glaucidium gnoma</i>	Strigiformes	Strigidae	<i>Glaucidium californicum</i> (ssp. <i>grinnelli</i> , <i>swarthi</i> , <i>californicum</i> , <i>pinicola</i>)
						Strigiformes	Strigidae	<i>Glaucidium cobanense</i> (ssp. <i>cobanense</i>)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Strigiformes	Strigidae	<i>Glaucidium gnoma</i> (ssp. <i>gnoma</i>)
						Strigiformes	Strigidae	<i>Glaucidium hoskinsii</i> (ssp. <i>hoskinsii</i>)
Strigiformes	Strigidae	<i>Glaucidium griseiceps</i>	Strigiformes	Strigidae	<i>Glaucidium griseiceps</i>	Strigiformes	Strigidae	<i>Glaucidium griseiceps</i>
Strigiformes	Strigidae	<i>Glaucidium hardyi</i>	Strigiformes	Strigidae	<i>Glaucidium hardyi</i>	Strigiformes	Strigidae	<i>Glaucidium hardyi</i>
Strigiformes	Strigidae	<i>Glaucidium jardinii</i>	Strigiformes	Strigidae	<i>Glaucidium jardinii</i>	Strigiformes	Strigidae	<i>Glaucidium jardinii</i>
Strigiformes	Strigidae	<i>Glaucidium minutissimum</i>	Strigiformes	Strigidae	<i>Glaucidium minutissimum</i>	Strigiformes	Strigidae	<i>Glaucidium minutissimum</i>
Strigiformes	Strigidae	<i>Glaucidium mooreorum</i> ⁶³	Strigiformes	Strigidae	<i>Glaucidium mooreorum</i>	Strigiformes	Strigidae	<i>Glaucidium mooreorum</i>
Strigiformes	Strigidae	<i>Glaucidium nana</i> ⁶⁴	Strigiformes	Strigidae	<i>Glaucidium nana</i>	Strigiformes	Strigidae	<i>Glaucidium nana</i>
Strigiformes	Strigidae	<i>Glaucidium nubicola</i>	Strigiformes	Strigidae	<i>Glaucidium nubicola</i>	Strigiformes	Strigidae	<i>Glaucidium nubicola</i>
Strigiformes	Strigidae	<i>Glaucidium palmarum</i>	Strigiformes	Strigidae	<i>Glaucidium palmarum</i>	Strigiformes	Strigidae	<i>Glaucidium palmarum</i>
Strigiformes	Strigidae	<i>Glaucidium parkeri</i>	Strigiformes	Strigidae	<i>Glaucidium parkeri</i>	Strigiformes	Strigidae	<i>Glaucidium parkeri</i>
Strigiformes	Strigidae	<i>Glaucidium passerinum</i>	Strigiformes	Strigidae	<i>Glaucidium passerinum</i>	Strigiformes	Strigidae	<i>Glaucidium passerinum</i>
Strigiformes	Strigidae	<i>Glaucidium perlatum</i>	Strigiformes	Strigidae	<i>Glaucidium perlatum</i>	Strigiformes	Strigidae	<i>Glaucidium perlatum</i>
Strigiformes	Strigidae	<i>Glaucidium peruanum</i>	Strigiformes	Strigidae	<i>Glaucidium peruanum</i>	Strigiformes	Strigidae	<i>Glaucidium peruanum</i>
Strigiformes	Strigidae	<i>Glaucidium radiatum</i>	Strigiformes	Strigidae	<i>Glaucidium radiatum</i>	Strigiformes	Strigidae	<i>Glaucidium radiatum</i>
Strigiformes	Strigidae	<i>Glaucidium sanchezi</i>	Strigiformes	Strigidae	<i>Glaucidium sanchezi</i>	Strigiformes	Strigidae	<i>Glaucidium sanchezi</i>
Strigiformes	Strigidae	<i>Glaucidium siju</i>	Strigiformes	Strigidae	<i>Glaucidium siju</i>	Strigiformes	Strigidae	<i>Glaucidium siju</i>
Strigiformes	Strigidae	<i>Glaucidium sjostedti</i>	Strigiformes	Strigidae	<i>Glaucidium sjostedti</i>	Strigiformes	Strigidae	<i>Glaucidium sjostedti</i>
Strigiformes	Strigidae	<i>Glaucidium tephronotum</i>	Strigiformes	Strigidae	<i>Glaucidium tephronotum</i>	Strigiformes	Strigidae	<i>Glaucidium tephronotum</i>
Strigiformes	Strigidae	<i>Gymnoglaux</i>	Strigiformes	Strigidae	<i>Margarobyas lawrencii</i>	Strigiformes	Strigidae	<i>Margarobyas lawrencii</i>

⁶³ Da Silva et al. (2002); described after H&M3 cutoff date (Dec 2001)

⁶⁴ Dickinson (2005); *Glaucidium nanum* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
		<i>lawrencii</i>						
Strigiformes	Strigidae	<i>Heteroglaux blewitti</i>	Strigiformes	Strigidae	<i>Heteroglaux blewitti</i>	Strigiformes	Strigidae	<i>Heteroglaux blewitti</i>
Strigiformes	Strigidae	<i>Jubula lettii</i>	Strigiformes	Strigidae	<i>Jubula lettii</i>	Strigiformes	Strigidae	<i>Jubula lettii</i>
Strigiformes	Strigidae	<i>Ketupa flavipes</i>	Strigiformes	Strigidae	<i>Ketupa flavipes</i>	Strigiformes	Strigidae	<i>Ketupa flavipes</i>
Strigiformes	Strigidae	<i>Ketupa ketupu</i>	Strigiformes	Strigidae	<i>Ketupa ketupu</i>	Strigiformes	Strigidae	<i>Ketupa ketupu</i>
Strigiformes	Strigidae	<i>Ketupa zeylonensis</i>	Strigiformes	Strigidae	<i>Ketupa zeylonensis</i>	Strigiformes	Strigidae	<i>Ketupa zeylonensis</i>
Strigiformes	Strigidae	<i>Lophotrix cristata</i>	Strigiformes	Strigidae	<i>Lophotrix cristata</i>	Strigiformes	Strigidae	<i>Lophotrix cristata</i>
Strigiformes	Strigidae	<i>Micrathene whitneyi</i>	Strigiformes	Strigidae	<i>Micrathene whitneyi</i>	Strigiformes	Strigidae	<i>Micrathene whitneyi</i>
Strigiformes	Strigidae	<i>Mimizuku gurneyi</i>	Strigiformes	Strigidae	<i>Mimizuku gurneyi</i>	Strigiformes	Strigidae	<i>Otus gurneyi</i>
Strigiformes	Strigidae	<i>Nesasio solomonensis</i>	Strigiformes	Strigidae	<i>Nesasio solomonensis</i>	Strigiformes	Strigidae	<i>Nesasio solomonensis</i>
Strigiformes	Strigidae	<i>Ninox affinis</i> [including ssp. <i>isolata</i> and <i>rexpimenti</i>]	Strigiformes	Strigidae	<i>Ninox affinis</i> [excluding ssp. <i>isolata</i> and <i>rexpimenti</i> , listed under <i>Ninox scutulata</i>]	Strigiformes	Strigidae	<i>Ninox affinis</i> [excluding ssp. <i>isolata</i> and <i>rexpimenti</i> , listed under <i>Ninox scutulata</i>]
Strigiformes	Strigidae	<i>Ninox boobook</i>	Strigiformes	Strigidae	<i>Ninox boobook</i> (ssp. <i>rotiensis</i> , <i>fusca</i> , <i>plesseni</i> , <i>moae</i> , <i>cinnamomina</i> , <i>remigialis</i> , <i>pusilla</i> , <i>ocellata</i> , <i>halmaturina</i> , <i>boobook</i>)	Strigiformes	Strigidae	<i>Ninox boobook</i> (ssp. <i>rotiensis</i> , <i>fusca</i> , <i>plesseni</i> , <i>moae</i> , <i>cinnamomina</i> , <i>remigialis</i> , <i>pusilla</i> , <i>ocellata</i> , <i>lurida</i> , <i>boobook</i>)
			Strigiformes	Strigidae	<i>Ninox lurida</i> (ssp. <i>lurida</i>)			
Strigiformes	Strigidae	<i>Ninox burhani</i> ⁶⁵	Strigiformes	Strigidae	<i>Ninox burhani</i>	Strigiformes	Strigidae	<i>Ninox burhani</i>
Strigiformes	Strigidae	<i>Ninox connivens</i>	Strigiformes	Strigidae	<i>Ninox connivens</i>	Strigiformes	Strigidae	<i>Ninox connivens</i>
Strigiformes	Strigidae	<i>Ninox ios</i>	Strigiformes	Strigidae	<i>Ninox ios</i>	Strigiformes	Strigidae	<i>Ninox ios</i>
Strigiformes	Strigidae	<i>Ninox jacquinoti</i>	Strigiformes	Strigidae	<i>Ninox jacquinoti</i>	Strigiformes	Strigidae	<i>Ninox granti</i> (ssp. <i>granti</i>)
			Strigiformes	Strigidae		Strigiformes	Strigidae	<i>Ninox jacquinoti</i> (ssp. <i>eichhorni</i>, <i>mono</i>, <i>jacquinoti</i>, <i>floridae</i>)

⁶⁵ Indrawan and Somadikarta (2004); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Strigiformes	Strigidae	<i>Ninox malaitae</i> (ssp. <i>malaitae</i>)
						Strigiformes	Strigidae	<i>Ninox roseoaxillaris</i> (ssp. <i>roseoaxillaris</i>)
			Strigiformes	Strigidae	<i>Ninox leventisi</i> [described 2012]	Strigiformes	Strigidae	<i>Ninox leventisi</i> [described 2012]
Strigiformes	Strigidae	<i>Ninox meeki</i>	Strigiformes	Strigidae	<i>Ninox meeki</i>	Strigiformes	Strigidae	<i>Ninox meeki</i>
Strigiformes	Strigidae	<i>Ninox natalis</i>	Strigiformes	Strigidae	<i>Ninox natalis</i>	Strigiformes	Strigidae	<i>Ninox natalis</i>
Strigiformes	Strigidae	<i>Ninox novaeseelandiae</i>	Strigiformes	Strigidae	<i>Ninox leucopsis</i> (ssp. <i>leucopsis</i>)	Strigiformes	Strigidae	<i>Ninox leucopsis</i> (ssp. <i>leucopsis</i>)
			Strigiformes	Strigidae	<i>Ninox novaeseelandiae</i> (ssp. <i>undulata, albaria</i> [extinct], <i>novaeseelandiae</i>)	Strigiformes	Strigidae	<i>Ninox novaeseelandiae</i> (ssp. <i>undulata, albaria</i> [extinct], <i>novaeseelandiae</i>)
Strigiformes	Strigidae	<i>Ninox ochracea</i>	Strigiformes	Strigidae	<i>Ninox ochracea</i>	Strigiformes	Strigidae	<i>Ninox ochracea</i>
Strigiformes	Strigidae	<i>Ninox odiosa</i>	Strigiformes	Strigidae	<i>Ninox odiosa</i>	Strigiformes	Strigidae	<i>Ninox odiosa</i>
Strigiformes	Strigidae	<i>Ninox philippensis</i>	Strigiformes	Strigidae	<i>Ninox mindorensis</i> (ssp. <i>mindorensis</i>)	Strigiformes	Strigidae	<i>Ninox mindorensis</i> (ssp. <i>mindorensis</i>)
			Strigiformes	Strigidae	<i>Ninox philippensis</i> (ssp. <i>philippensis, ticaoensis, centralis</i>)	Strigiformes	Strigidae	<i>Ninox philippensis</i> (ssp. <i>philippensis, ticaoensis, centralis</i>)
			Strigiformes	Strigidae	<i>Ninox reyi</i> (ssp. <i>reyi</i>)	Strigiformes	Strigidae	<i>Ninox reyi</i> (ssp. <i>reyi</i>)
			Strigiformes	Strigidae	<i>Ninox spilocephala</i> (ssp. <i>spilocephala</i>)	Strigiformes	Strigidae	<i>Ninox spilocephala</i> (ssp. <i>spilocephala</i>)
			Strigiformes	Strigidae	<i>Ninox spilonotus</i> (ssp. <i>spilonotus, fisheri</i>)	Strigiformes	Strigidae	<i>Ninox spilonotus</i> (ssp. <i>spilonotus, fisheri</i>)
Strigiformes	Strigidae	<i>Ninox punctulata</i>	Strigiformes	Strigidae	<i>Ninox punctulata</i>	Strigiformes	Strigidae	<i>Ninox punctulata</i>
Strigiformes	Strigidae	<i>Ninox rudolfi</i>	Strigiformes	Strigidae	<i>Ninox rudolfi</i>	Strigiformes	Strigidae	<i>Ninox rudolfi</i>
Strigiformes	Strigidae	<i>Ninox rufa</i>	Strigiformes	Strigidae	<i>Ninox rufa</i>	Strigiformes	Strigidae	<i>Ninox rufa</i>
					<i>Ninox rumseyi</i> [described 2012]			<i>Ninox rumseyi</i> [described 2012]

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Ninox scutulata</i> [excluding ssp. <i>isolata</i> and <i>rexpimenti</i> , listed under <i>Ninox affinis</i>]	Strigiformes	Strigidae	<i>Ninox japonica</i> (ssp. <i>florensis</i> , <i>japonica</i> , <i>totogo</i>)	Strigiformes	Strigidae	<i>Ninox japonica</i> (ssp. <i>florensis</i> , <i>japonica</i>)
			Strigiformes	Strigidae	<i>Ninox randi</i> (ssp. <i>randi</i>)	Strigiformes	Strigidae	<i>Ninox randi</i> (ssp. <i>randi</i>)
			Strigiformes	Strigidae	<i>Ninox scutulata</i> (ssp. <i>lugubris</i> , <i>burmanica</i> , <i>hirsuta</i> , <i>obscura</i> , <i>isolata</i> , <i>rexpimenti</i> , <i>scutulata</i> , <i>javanensis</i> , <i>borneensis</i> , <i>palawanensis</i>)	Strigiformes	Strigidae	<i>Ninox obscura</i> (ssp. <i>obscura</i>)
Strigiformes	Strigidae	Strigiformes	Strigidae	<i>Ninox scutulata</i> (ssp. <i>lugubris</i> , <i>burmanica</i> , <i>hirsuta</i> , <i>isolata</i> , <i>rexpimenti</i> , <i>scutulata</i> , <i>javanensis</i> , <i>borneensis</i> , <i>palawanensis</i>)				
Strigiformes	Strigidae	<i>Ninox squamipila</i>	Strigiformes	Strigidae	<i>Ninox forbesi</i> (ssp. <i>forbesi</i>)	Strigiformes	Strigidae	<i>Ninox forbesi</i> (ssp. <i>forbesi</i>)
			Strigiformes	Strigidae	<i>Ninox hypogramma</i> (ssp. <i>hypogramma</i>)	Strigiformes	Strigidae	<i>Ninox hypogramma</i> (ssp. <i>hypogramma</i>)
			Strigiformes	Strigidae	<i>Ninox squamipila</i> (ssp. <i>hantu</i> , <i>squamipila</i>)	Strigiformes	Strigidae	<i>Ninox hantu</i> (ssp. <i>hantu</i>)
Strigiformes	Strigidae	Strigiformes	Strigidae	<i>Ninox squamipila</i> (ssp. <i>squamipila</i>)				
Strigiformes	Strigidae	<i>Ninox strenua</i>	Strigiformes	Strigidae	<i>Ninox strenua</i>	Strigiformes	Strigidae	<i>Ninox strenua</i>
Strigiformes	Strigidae	<i>Ninox sumbaensis</i> ⁶⁶	Strigiformes	Strigidae	<i>Ninox sumbaensis</i>	Strigiformes	Strigidae	<i>Ninox sumbaensis</i>
Strigiformes	Strigidae	<i>Ninox supercilialis</i>	Strigiformes	Strigidae	<i>Athene supercilialis</i>	Strigiformes	Strigidae	<i>Athene supercilialis</i>
Strigiformes	Strigidae	<i>Ninox theomacha</i>	Strigiformes	Strigidae	<i>Ninox theomacha</i>	Strigiformes	Strigidae	<i>Ninox theomacha</i>
Strigiformes	Strigidae	<i>Ninox variegata</i>	Strigiformes	Strigidae	<i>Ninox variegata</i>	Strigiformes	Strigidae	<i>Ninox variegata</i>
Strigiformes	Strigidae	<i>Nyctea scandiaca</i>	Strigiformes	Strigidae	<i>Bubo scandiacus</i>	Strigiformes	Strigidae	<i>Bubo scandiacus</i>
Strigiformes	Strigidae	<i>Otus albobularis</i>	Strigiformes	Strigidae	<i>Megascops albobularis</i>	Strigiformes	Strigidae	<i>Megascops albobularis</i>
Strigiformes	Strigidae	<i>Otus alfredi</i>	Strigiformes	Strigidae	<i>Otus alfredi</i>	Strigiformes	Strigidae	<i>Otus alfredi</i>
Strigiformes	Strigidae	<i>Otus alius</i>	Strigiformes	Strigidae	<i>Otus alius</i>	Strigiformes	Strigidae	<i>Otus alius</i>
Strigiformes	Strigidae	<i>Otus angelinae</i>	Strigiformes	Strigidae	<i>Otus angelinae</i>	Strigiformes	Strigidae	<i>Otus angelinae</i>

⁶⁶ Dickinson (2005); *Ninox sumbaensis* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Otus asio</i>	Strigiformes	Strigidae	<i>Megascops asio</i>	Strigiformes	Strigidae	<i>Megascops asio</i> [including ssp. <i>lambi</i> , listed under <i>Otus cooperi</i> in H&M3]
Strigiformes	Strigidae	<i>Otus atricapilla</i>	Strigiformes	Strigidae	<i>Megascops atricapilla</i>	Strigiformes	Strigidae	<i>Megascops atricapilla</i>
Strigiformes	Strigidae	<i>Otus bakkamoena</i>	Strigiformes	Strigidae	<i>Otus bakkamoena</i>	Strigiformes	Strigidae	<i>Otus bakkamoena</i> (ssp. <i>deserticolor</i> , <i>gangeticus</i> , <i>marathae</i> , <i>bakkamoena</i>)
						Strigiformes	Strigidae	<i>Otus lempiji</i> (ssp. <i>condorensis</i> , <i>lempiji</i> , <i>cnephaeus</i> , <i>hypnodes</i> , <i>lemurum</i> , <i>kangeanus</i>)
						Strigiformes	Strigidae	<i>Otus lettia</i> (ssp. <i>plumipes</i> , <i>lettia</i> , <i>erythrocampe</i> , <i>labripes</i> , <i>umbratilis</i>)
						Strigiformes	Strigidae	<i>Otus semitorques</i> (ssp. <i>ussuriensis</i> , <i>semitorques</i> , <i>pryeri</i>)
Strigiformes	Strigidae	<i>Otus balli</i>	Strigiformes	Strigidae	<i>Otus balli</i>	Strigiformes	Strigidae	<i>Otus balli</i>
Strigiformes	Strigidae	<i>Otus barbarus</i>	Strigiformes	Strigidae	<i>Megascops barbarus</i>	Strigiformes	Strigidae	<i>Megascops barbarus</i>
Strigiformes	Strigidae	<i>Otus beccarii</i>	Strigiformes	Strigidae	<i>Otus beccarii</i>	Strigiformes	Strigidae	<i>Otus beccarii</i>
Strigiformes	Strigidae	<i>Otus brookii</i>	Strigiformes	Strigidae	<i>Otus brookii</i>	Strigiformes	Strigidae	<i>Otus brookii</i>
Strigiformes	Strigidae	<i>Otus brucei</i>	Strigiformes	Strigidae	<i>Otus brucei</i>	Strigiformes	Strigidae	<i>Otus brucei</i>
Strigiformes	Strigidae	<i>Otus capnodes</i>	Strigiformes	Strigidae	<i>Otus capnodes</i>	Strigiformes	Strigidae	<i>Otus capnodes</i>
Strigiformes	Strigidae	<i>Otus choliba</i>	Strigiformes	Strigidae	<i>Megascops choliba</i>	Strigiformes	Strigidae	<i>Megascops choliba</i>
Strigiformes	Strigidae	<i>Otus clarkii</i>	Strigiformes	Strigidae	<i>Megascops clarkii</i>	Strigiformes	Strigidae	<i>Megascops clarkii</i>
Strigiformes	Strigidae	<i>Otus collari</i>	Strigiformes	Strigidae	<i>Otus collari</i>	Strigiformes	Strigidae	<i>Otus collari</i>
Strigiformes	Strigidae	<i>Otus colombianus</i>	Strigiformes	Strigidae	<i>Megascops columbianus</i>	Strigiformes	Strigidae	<i>Megascops columbianus</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Otus cooperi</i>	Strigiformes	Strigidae	<i>Megascops cooperi</i>	Strigiformes	Strigidae	<i>Megascops cooperi</i> [excluding ssp. <i>lambi</i> (see <i>Megascops asio</i>)]
Strigiformes	Strigidae	<i>Otus elegans</i>	Strigiformes	Strigidae	<i>Otus elegans</i>	Strigiformes	Strigidae	<i>Otus elegans</i>
Strigiformes	Strigidae	<i>Otus flammeolus</i>	Strigiformes	Strigidae	<i>Psiloscoptes flammeolus</i>	Strigiformes	Strigidae	<i>Psiloscoptes flammeolus</i>
Strigiformes	Strigidae	<i>Otus fuliginosus</i>	Strigiformes	Strigidae	<i>Otus fuliginosus</i>	Strigiformes	Strigidae	<i>Otus fuliginosus</i>
Strigiformes	Strigidae	<i>Otus guatemalae</i>	Strigiformes	Strigidae	<i>Megascops guatemalae</i> (includes ssp. <i>vermiculatus</i>)	Strigiformes	Strigidae	<i>Megascops guatemalae</i>
Strigiformes	Strigidae	<i>Otus hartlaubi</i>	Strigiformes	Strigidae	<i>Otus hartlaubi</i>	Strigiformes	Strigidae	<i>Otus hartlaubi</i>
Strigiformes	Strigidae	<i>Otus hoyi</i>	Strigiformes	Strigidae	<i>Megascops hoyi</i>	Strigiformes	Strigidae	<i>Megascops hoyi</i>
Strigiformes	Strigidae	<i>Otus icterorhynchus</i>	Strigiformes	Strigidae	<i>Otus icterorhynchus</i>	Strigiformes	Strigidae	<i>Otus icterorhynchus</i>
Strigiformes	Strigidae	<i>Otus ingens</i>	Strigiformes	Strigidae	<i>Megascops ingens</i>	Strigiformes	Strigidae	<i>Megascops ingens</i>
Strigiformes	Strigidae	<i>Otus insularis</i>	Strigiformes	Strigidae	<i>Otus insularis</i>	Strigiformes	Strigidae	<i>Otus insularis</i>
Strigiformes	Strigidae	<i>Otus ireneae</i>	Strigiformes	Strigidae	<i>Otus ireneae</i>	Strigiformes	Strigidae	<i>Otus ireneae</i>
						Strigiformes	Strigidae	<i>Otus jolandae</i> ⁶⁷
Strigiformes	Strigidae	<i>Otus kennicottii</i> ⁶⁸	Strigiformes	Strigidae	<i>Megascops kennicottii</i>	Strigiformes	Strigidae	<i>Megascops kennicottii</i>
Strigiformes	Strigidae	<i>Otus koepckeae</i>	Strigiformes	Strigidae	<i>Megascops koepckeae</i>	Strigiformes	Strigidae	<i>Megascops koepckeae</i>
Strigiformes	Strigidae	<i>Otus longicornis</i>	Strigiformes	Strigidae	<i>Otus longicornis</i>	Strigiformes	Strigidae	<i>Otus longicornis</i>
Strigiformes	Strigidae	<i>Otus madagascariensis</i>	Strigiformes	Strigidae	<i>Otus rutilus madagascariensis</i>	Strigiformes	Strigidae	<i>Otus rutilus madagascariensis</i>
Strigiformes	Strigidae	<i>Otus magicus</i>	Strigiformes	Strigidae	<i>Otus magicus</i> [except ssp. <i>siaoensis</i> , included as ssp. of <i>Otus</i> <i>manadensis</i> ; including ssp. <i>kalidupae</i>]	Strigiformes	Strigidae	<i>Otus jolandae</i> [formerly included in <i>Otus</i> <i>magicus albiventris</i>]
						Strigiformes	Strigidae	<i>Otus magicus</i> (ssp. <i>morotensis</i> , <i>leucospilus</i> , <i>obira</i> , <i>bouruensis</i> , <i>magicus</i> , <i>albiventris</i>)

⁶⁷ described 2013, after H&M3 cutoff date (Dec 2001) and H&M4 v. 1 cutoff date (mid 2011)

⁶⁸ Dickinson (2005); *Otus kennicottii* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Strigiformes	Strigidae	<i>Otus mendeni</i> (ssp. <i>mendeni</i>)
						Strigiformes	Strigidae	<i>Otus siaoensis</i> (ssp. <i>siaoensis</i>)
						Strigiformes	Strigidae	<i>Otus sulaensis</i> (ssp. <i>sulaensis</i>)
						Strigiformes	Strigidae	<i>Otus tempestatis</i> (ssp. <i>tempestatis</i>)
Strigiformes	Strigidae	<i>Otus manadensis</i>	Strigiformes	Strigidae	<i>Otus manadensis</i> [including ssp. <i>siaoensis</i> ; excluding ssp. <i>kalidupae</i> , included as ssp. of <i>Otus magicus</i>]	Strigiformes	Strigidae	<i>Otus manadensis</i> (ssp. <i>manadensis</i> , <i>kalidupae</i>)
Strigiformes	Strigidae	<i>Otus mantananensis</i>	Strigiformes	Strigidae	<i>Otus mantananensis</i>	Strigiformes	Strigidae	<i>Otus mantananensis</i>
Strigiformes	Strigidae	<i>Otus marshalli</i>	Strigiformes	Strigidae	<i>Megascops marshallii</i>	Strigiformes	Strigidae	<i>Megascops marshallii</i>
Strigiformes	Strigidae	<i>Otus mayottensis</i>	Strigiformes	Strigidae	<i>Otus mayottensis</i>	Strigiformes	Strigidae	<i>Otus mayottensis</i>
Strigiformes	Strigidae	<i>Otus megalotis</i>	Strigiformes	Strigidae	<i>Otus everetti</i> (ssp. <i>everetti</i>)	Strigiformes	Strigidae	<i>Otus everetti</i> (ssp. <i>everetti</i>)
			Strigiformes	Strigidae	<i>Otis megalotis</i> (ssp. <i>megalotis</i>)	Strigiformes	Strigidae	<i>Otis megalotis</i> (ssp. <i>megalotis</i>)
			Strigiformes	Strigidae	<i>Otus nigrorum</i> (ssp. <i>nigrorum</i>)	Strigiformes	Strigidae	<i>Otus nigrorum</i> (ssp. <i>nigrorum</i>)
Strigiformes	Strigidae	<i>Otus mentawi</i>	Strigiformes	Strigidae	<i>Otus mentawi</i>	Strigiformes	Strigidae	<i>Otus mentawi</i>
Strigiformes	Strigidae	<i>Otus mindorensis</i>	Strigiformes	Strigidae	<i>Otus mindorensis</i>	Strigiformes	Strigidae	<i>Otus mindorensis</i>
Strigiformes	Strigidae	<i>Otus mirus</i>	Strigiformes	Strigidae	<i>Otus mirus</i>	Strigiformes	Strigidae	<i>Otus mirus</i>
Strigiformes	Strigidae	<i>Otus moheliensis</i>	Strigiformes	Strigidae	<i>Otus moheliensis</i>	Strigiformes	Strigidae	<i>Otus moheliensis</i>
Strigiformes	Strigidae	<i>Otus nudipes</i>	Strigiformes	Strigidae	<i>Megascops nudipes</i>	Strigiformes	Strigidae	<i>Megascops nudipes</i>
Strigiformes	Strigidae	<i>Otus pauliani</i>	Strigiformes	Strigidae	<i>Otus pauliani</i>	Strigiformes	Strigidae	<i>Otus pauliani</i>
Strigiformes	Strigidae	<i>Otus pambaensis</i>	Strigiformes	Strigidae	<i>Otus pambaensis</i>	Strigiformes	Strigidae	<i>Otus pambaensis</i>
Strigiformes	Strigidae	<i>Otus petersoni</i>	Strigiformes	Strigidae	<i>Megascops petersoni</i>	Strigiformes	Strigidae	<i>Megascops petersoni</i>
Strigiformes	Strigidae	<i>Otus roboratus</i>	Strigiformes	Strigidae	<i>Megascops roboratus</i>	Strigiformes	Strigidae	<i>Megascops roboratus</i>
Strigiformes	Strigidae	<i>Otus rufescens</i>	Strigiformes	Strigidae	<i>Otus rufescens</i>	Strigiformes	Strigidae	<i>Otus rufescens</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Otus rutilus</i> (not including <i>Otus madagascariensis</i>)	Strigiformes	Strigidae	<i>Otus rutilus</i> (ssp. <i>madagascariensis</i> , <i>rutilus</i>)	Strigiformes	Strigidae	<i>Otus rutilus</i> (ssp. <i>madagascariensis</i> , <i>rutilus</i>)
Strigiformes	Strigidae	<i>Otus sagittatus</i>	Strigiformes	Strigidae	<i>Otus sagittatus</i>	Strigiformes	Strigidae	<i>Otus sagittatus</i>
Strigiformes	Strigidae	<i>Otus sanctaecatarinae</i>	Strigiformes	Strigidae	<i>Megascops sanctaecatarinae</i>	Strigiformes	Strigidae	<i>Megascops sanctaecatarinae</i>
Strigiformes	Strigidae	<i>Otus scops</i>	Strigiformes	Strigidae	<i>Otus scops</i>	Strigiformes	Strigidae	<i>Otus scops</i>
Strigiformes	Strigidae	<i>Otus seductus</i>	Strigiformes	Strigidae	<i>Megascops seductus</i>	Strigiformes	Strigidae	<i>Megascops seductus</i>
Strigiformes	Strigidae	<i>Otus senegalensis</i>	Strigiformes	Strigidae	<i>Otus senegalensis</i>	Strigiformes	Strigidae	<i>Otus feae</i> (ssp. <i>feae</i>)
						Strigiformes	Strigidae	<i>Otus pamelae</i> (ssp. <i>pamelae</i>)
						Strigiformes	Strigidae	<i>Otus senegalensis</i> (ssp. <i>senegalensis</i> , <i>nivosus</i>)
						Strigiformes	Strigidae	<i>Otus socotranus</i> (ssp. <i>socotranus</i>)
Strigiformes	Strigidae	<i>Otus silvicola</i>	Strigiformes	Strigidae	<i>Otus silvicola</i>	Strigiformes	Strigidae	<i>Otus silvicola</i>
Strigiformes	Strigidae	<i>Otus spilocephalus</i>	Strigiformes	Strigidae	<i>Otus spilocephalus</i>	Strigiformes	Strigidae	<i>Otus spilocephalus</i>
Strigiformes	Strigidae	<i>Otus sunia</i>	Strigiformes	Strigidae	<i>Otus sunia</i>	Strigiformes	Strigidae	<i>Otus sunia</i>
Strigiformes	Strigidae	<i>Otus thilohoffmanni</i> ⁶⁹	Strigiformes	Strigidae	<i>Otus thilohoffmanni</i>	Strigiformes	Strigidae	<i>Otus thilohoffmanni</i>
Strigiformes	Strigidae	<i>Otus trichopsis</i>	Strigiformes	Strigidae	<i>Megascops trichopsis</i>	Strigiformes	Strigidae	<i>Megascops trichopsis</i>
Strigiformes	Strigidae	<i>Otus umbra</i>	Strigiformes	Strigidae	<i>Otus umbra</i>	Strigiformes	Strigidae	<i>Otus enganensis</i> (ssp. <i>enganensis</i>)
						Strigiformes	Strigidae	<i>Otus umbra</i> (ssp. <i>umbra</i>)
Strigiformes	Strigidae	<i>Otus vermiculatus</i>	Strigiformes	Strigidae	<i>Megascops guatemalae vermiculatus</i>	Strigiformes	Strigidae	<i>Megascops vermiculatus</i>
Strigiformes	Strigidae	<i>Otus watsonii</i>	Strigiformes	Strigidae	<i>Megascops watsoni</i>	Strigiformes	Strigidae	<i>Megascops watsoni</i>
Strigiformes	Strigidae	<i>Pseudoscops clamator</i>	Strigiformes	Strigidae	<i>Asio clamator</i>	Strigiformes	Strigidae	<i>Asio clamator</i>
Strigiformes	Strigidae	<i>Pseudoscops grammicus</i>	Strigiformes	Strigidae	<i>Pseudoscops grammicus</i>	Strigiformes	Strigidae	<i>Pseudoscops grammicus</i>

⁶⁹ Warakagoda and Rasmussen (2004); described after H&M3 cutoff date (Dec 2001)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Strigidae	<i>Ptilopsis granti</i>	Strigiformes	Strigidae	<i>Ptilopsis granti</i>	Strigiformes	Strigidae	<i>Ptilopsis granti</i>
Strigiformes	Strigidae	<i>Ptilopsis leucotis</i>	Strigiformes	Strigidae	<i>Ptilopsis leucotis</i>	Strigiformes	Strigidae	<i>Ptilopsis leucotis</i>
Strigiformes	Strigidae	<i>Pulsatrix koenigswaldiana</i>	Strigiformes	Strigidae	<i>Pulsatrix koenigswaldiana</i>	Strigiformes	Strigidae	<i>Pulsatrix koenigswaldiana</i>
Strigiformes	Strigidae	<i>Pulsatrix melanota</i>	Strigiformes	Strigidae	<i>Pulsatrix melanota</i>	Strigiformes	Strigidae	<i>Pulsatrix melanota</i>
Strigiformes	Strigidae	<i>Pulsatrix perspicillata</i>	Strigiformes	Strigidae	<i>Pulsatrix perspicillata</i>	Strigiformes	Strigidae	<i>Pulsatrix perspicillata</i>
Strigiformes	Strigidae	<i>Pyrroglaux podargina</i>	Strigiformes	Strigidae	<i>Pyrroglaux podargina</i>	Strigiformes	Strigidae	<i>Pyrroglaux podargina</i>
Strigiformes	Strigidae	<i>Scotopelia bouvieri</i>	Strigiformes	Strigidae	<i>Scotopelia bouvieri</i>	Strigiformes	Strigidae	<i>Scotopelia bouvieri</i>
Strigiformes	Strigidae	<i>Scotopelia peli</i>	Strigiformes	Strigidae	<i>Scotopelia peli</i>	Strigiformes	Strigidae	<i>Scotopelia peli</i>
Strigiformes	Strigidae	<i>Scotopelia ussheri</i>	Strigiformes	Strigidae	<i>Scotopelia ussheri</i>	Strigiformes	Strigidae	<i>Scotopelia ussheri</i>
Strigiformes	Strigidae	<i>Strix albitarsis</i>	Strigiformes	Strigidae	<i>Ciccaba albitarsis</i>	Strigiformes	Strigidae	<i>Ciccaba albitarsis</i>
Strigiformes	Strigidae	<i>Strix aluco</i>	Strigiformes	Strigidae	<i>Strix aluco</i>	Strigiformes	Strigidae	<i>Strix aluco</i> (ssp. <i>aluco</i> , <i>siberiae</i> , <i>sylvatica</i> , <i>mauritanica</i> , <i>willkenskii</i> , <i>sanctinicolai</i> , <i>harmsi</i> , <i>biddulphi</i>)
						Strigiformes	Strigidae	<i>Strix nivicolum</i> (ssp. <i>nivicolum</i> , <i>ma</i> , <i>yamadae</i>)
Strigiformes	Strigidae	<i>Strix butleri</i>	Strigiformes	Strigidae	<i>Strix butleri</i>	Strigiformes	Strigidae	<i>Strix butleri</i>
Strigiformes	Strigidae	<i>Strix chacoensis</i>	Strigiformes	Strigidae	<i>Strix chacoensis</i>	Strigiformes	Strigidae	<i>Strix chacoensis</i>
Strigiformes	Strigidae	<i>Strix fulvescens</i>	Strigiformes	Strigidae	<i>Strix fulvescens</i>	Strigiformes	Strigidae	<i>Strix fulvescens</i>
Strigiformes	Strigidae	<i>Strix hylophila</i>	Strigiformes	Strigidae	<i>Strix hylophila</i>	Strigiformes	Strigidae	<i>Strix hylophila</i>
Strigiformes	Strigidae	<i>Strix leptogrammica</i>	Strigiformes	Strigidae	<i>Strix leptogrammica</i>	Strigiformes	Strigidae	<i>Strix leptogrammica</i>
Strigiformes	Strigidae	<i>Strix nebulosa</i>	Strigiformes	Strigidae	<i>Strix nebulosa</i>	Strigiformes	Strigidae	<i>Strix nebulosa</i>
Strigiformes	Strigidae	<i>Strix occidentalis</i>	Strigiformes	Strigidae	<i>Strix occidentalis</i>	Strigiformes	Strigidae	<i>Strix occidentalis</i>
Strigiformes	Strigidae	<i>Strix ocellata</i>	Strigiformes	Strigidae	<i>Strix ocellata</i>	Strigiformes	Strigidae	<i>Strix ocellata</i>

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
						Strigiformes	Strigidae	<i>Strix omanensis</i> ⁷⁰
Strigiformes	Strigidae	<i>Strix rufipes</i>	Strigiformes	Strigidae	<i>Strix rufipes</i>	Strigiformes	Strigidae	<i>Strix rufipes</i>
Strigiformes	Strigidae	<i>Strix seloputo</i>	Strigiformes	Strigidae	<i>Strix seloputo</i>	Strigiformes	Strigidae	<i>Strix seloputo</i>
Strigiformes	Strigidae	<i>Strix uralensis</i>	Strigiformes	Strigidae	<i>Strix uralensis</i>	Strigiformes	Strigidae	<i>Strix uralensis</i>
Strigiformes	Strigidae	<i>Strix varia</i>	Strigiformes	Strigidae	<i>Strix varia</i>	Strigiformes	Strigidae	<i>Strix varia</i>
Strigiformes	Strigidae	<i>Strix virgata</i>	Strigiformes	Strigidae	<i>Ciccaba virgata</i>	Strigiformes	Strigidae	<i>Ciccaba virgata</i>
Strigiformes	Strigidae	<i>Strix woodfordii</i> ⁷¹	Strigiformes	Strigidae	<i>Strix woodfordii</i>	Strigiformes	Strigidae	<i>Strix woodfordii</i>
Strigiformes	Strigidae	<i>Surnia ulula</i>	Strigiformes	Strigidae	<i>Surnia ulula</i>	Strigiformes	Strigidae	<i>Surnia ulula</i>
Strigiformes	Strigidae	<i>Uroglaux dimorpha</i>	Strigiformes	Strigidae	<i>Uroglaux dimorpha</i>	Strigiformes	Strigidae	<i>Uroglaux dimorpha</i>
Strigiformes	Strigidae	<i>Xenoglaux loweryi</i>	Strigiformes	Strigidae	<i>Xenoglaux loweryi</i>	Strigiformes	Strigidae	<i>Xenoglaux loweryi</i>
Strigiformes	Tytonidae	<i>Phodilus badius</i>	Strigiformes	Tytonidae	<i>Phodilus badius</i>	Strigiformes	Tytonidae	<i>Phodilus assimilis</i> (ssp. <i>ripleyi</i> , <i>assimilis</i>)
						Strigiformes	Tytonidae	<i>Phodilus badius</i> (ssp. <i>saturatus</i> , <i>badius</i> , <i>arixuthus</i> , <i>parvus</i>)
Strigiformes	Tytonidae	<i>Phodilus prigoginei</i>	Strigiformes	Tytonidae	<i>Tyto prigoginei</i>	Strigiformes	Tytonidae	<i>Phodilus prigoginei</i>
Strigiformes	Tytonidae	<i>Tyto alba</i>	Strigiformes	Tytonidae	<i>Tyto alba</i> (ssp. <i>alba</i> , <i>guttata</i> , <i>ernesti</i> , <i>erlangeri</i> , <i>schmitzi</i> , <i>gracilirostris</i> , <i>detorta</i> , <i>poensis</i> , <i>thomensis</i> , <i>hypermetra</i> , <i>stertens</i> , <i>javanica</i> , <i>pratincola</i> , <i>guatemalae</i> , <i>bondi</i> , <i>furcata</i> , <i>niveicauda</i> , <i>contempta</i> , <i>tuidara</i> , <i>zottae</i> , <i>bargei</i> , <i>nigrescens</i> , <i>insularis</i> , <i>punctatissima</i>)	Strigiformes	Tytonidae	<i>Tyto alba</i> [excludes ssp. <i>insularis</i> and <i>nigrescens</i> (see <i>Tyto glaucops</i>)]

⁷⁰ described 2013, after H&M3 cutoff date (Dec 2001) and H&M4 v. 1 cutoff date (mid 2011); name now considered invalid (see main text)

⁷¹ Dickinson (2005); *Strix woodfordi* in H&M3

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
			Strigiformes	Tytonidae	<i>Tyto delicatula</i> (ssp. <i>delicatula</i> , <i>sumbaensis</i> , <i>meekei</i> , <i>crassirostris</i> , <i>interposita</i>)			
			Strigiformes	Tytonidae	<i>Tyto deroepstorffi</i> (ssp. <i>deroepstorffi</i>)			
						Strigiformes	Tytonidae	<i>Tyto almae</i> ⁷²
Strigiformes	Tytonidae	<i>Tyto aurantia</i>	Strigiformes	Tytonidae	<i>Tyto aurantia</i>	Strigiformes	Tytonidae	<i>Tyto aurantia</i>
Strigiformes	Tytonidae	<i>Tyto capensis</i>	Strigiformes	Tytonidae	<i>Tyto capensis</i> (ssp. <i>cameroonensis</i> , <i>capensis</i>)	Strigiformes	Tytonidae	<i>Tyto capensis</i> (ssp. <i>cameroonensis</i> , <i>capensis</i>)
			Strigiformes	Tytonidae	<i>Tyto longimembris</i> (ssp. <i>longimembris</i> , <i>chinensis</i> , <i>amauronota</i> , <i>papuensis</i>)	Strigiformes	Tytonidae	<i>Tyto longimembris</i> (ssp. <i>longimembris</i> , <i>chinensis</i> , <i>amauronota</i> , <i>papuensis</i> , <i>pithecopis</i>)
Strigiformes	Tytonidae	<i>Tyto glaucops</i>	Strigiformes	Tytonidae	<i>Tyto glaucops</i>	Strigiformes	Tytonidae	<i>Tyto glaucops</i> [includes extinct ssp. <i>cavatica</i> , and ssp. <i>nigrescens</i> and <i>insularis</i> , listed under <i>Tyto alba</i> in H&M3 and H&M4]
Strigiformes	Tytonidae	<i>Tyto inexpectata</i>	Strigiformes	Tytonidae	<i>Tyto inexpectata</i>	Strigiformes	Tytonidae	<i>Tyto inexpectata</i>
Strigiformes	Tytonidae	<i>Tyto manusi</i>	Strigiformes	Tytonidae	<i>Tyto manusi</i>	Strigiformes	Tytonidae	<i>Tyto novaehollandiae manusi</i>
Strigiformes	Tytonidae	<i>Tyto multipunctata</i>	Strigiformes	Tytonidae	<i>Tyto multipunctata</i>	Strigiformes	Tytonidae	<i>Tyto multipunctata</i>
Strigiformes	Tytonidae	<i>Tyto nigrobrunnea</i>	Strigiformes	Tytonidae	<i>Tyto nigrobrunnea</i>	Strigiformes	Tytonidae	<i>Tyto nigrobrunnea</i>
Strigiformes	Tytonidae	<i>Tyto novaehollandiae</i> [excluding ssp. <i>manusi</i> (<i>Tyto manusi</i> in HB3) and ssp. <i>cayellii</i> and <i>sororcula</i> (<i>Tyto sororcula</i> in HB3)]	Strigiformes	Tytonidae	<i>Tyto castanops</i> (ssp. <i>castanops</i>)	Strigiformes	Tytonidae	<i>Tyto novaehollandiae</i>
			Strigiformes	Tytonidae	<i>Tyto novaehollandiae</i> (ssp. <i>calabyi</i> , <i>kimberli</i> , <i>melvillensis</i> , <i>galei</i> , <i>novaehollandiae</i>)			

⁷² described 2013, after H&M3 cutoff date (Dec 2001) and H&M4 v. 1 cutoff date (mid 2011)

Species+ [Standard Reference Howard & Moore 3rd [H&M3] unless otherwise indicated; order and family names from Morony, Bock & Farrand 1975]			Howard & Moore 4 th ed [H&M4]			Birdlife International [HBW/BI]		
Order	Family	Species	Order	Family	Species	Order	Family	Species
Strigiformes	Tytonidae	<i>Tyto rosenbergii</i>	Strigiformes	Tytonidae	<i>Tyto rosenbergii</i>	Strigiformes	Tytonidae	<i>Tyto rosenbergii</i>
Strigiformes	Tytonidae	<i>Tyto sororcula</i>	Strigiformes	Tytonidae	<i>Tyto sororcula</i>	Strigiformes	Tytonidae	<i>Tyto novaehollandiae</i> (ssp. <i>cayelii</i>, <i>sororcula</i>)
Strigiformes	Tytonidae	<i>Tyto soumagnei</i>	Strigiformes	Tytonidae	<i>Tyto soumagnei</i>	Strigiformes	Tytonidae	<i>Tyto soumagnei</i>
Strigiformes	Tytonidae	<i>Tyto tenebricosa</i>	Strigiformes	Tytonidae	<i>Tyto tenebricosa</i>	Strigiformes	Tytonidae	<i>Tyto tenebricosa</i>
Struthioniformes	Struthionidae	<i>Struthio camelus</i> ⁷³	Struthioniformes	Struthionidae	<i>Struthio camelus</i>	Struthioniformes	Struthionidae	<i>Struthio camelus</i>
Tinamiformes	Tinamidae	<i>Tinamus solitarius</i>	Tinamiformes	Tinamidae	<i>Tinamus solitarius</i>	Struthioniformes	Tinamidae	<i>Tinamus solitarius</i>
Trogoniformes	Trogonidae	<i>Pharomachrus mocinno</i>	Trogoniformes	Trogonidae	<i>Pharomachrus mocinno</i>	Trogoniformes	Trogonidae	<i>Pharomachrus mocinno</i>

⁷³ Only the populations of Algeria, Burkina Faso, Cameroon, the Central African Republic, Chad, Mali, Mauritania, Morocco, Niger, Nigeria, Senegal and Sudan listed on Appendix I; other populations unlisted