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# Type-specimens of non-passerines in Naturalis Biodiversity Center

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# Type-specimens of non-passerines in Naturalis Biodiversity Center

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The non-passerine type-specimens in Naturalis Biodiversity Center, Leiden are listed as an update to Van den Hoek Ostende *et al.* (1997) *Type-specimens of birds in the National Museum of Natural History, Leiden, Part 1. Non-Passerines* and Roselaar and Prins (2000) *List of type specimens of birds in the Zoological Museum of the University of Amsterdam (ZMA), including taxa described by ZMA staff but without types in the ZMA*. All new names published by Temminck and Schlegel are listed, also when types are not in Naturalis but in other collections. We added 380 new names and deleted 13 names originally listed in Van den Hoek Ostende *et al.* (1997).

## Introduction

In 1997, Van den Hoek Ostende *et al.* published *Type-specimens of birds in the National Museum of Natural History, Leiden, Part 1. Non-Passerines*. Since its publication 25 years ago much has changed, both at an institutional level as well as regarding the collections. The National Museum of Natural History (NNM since 1988), the new name for the Rijksmuseum van Natuurlijke Historie as it was called since 1820, was renamed Naturalis Biodiversity Center (collection acronym: RMNH) in 2011 after the merger with staff and collections of the Zoological Museum of the University of Amsterdam (ZMA) and the Herbaria and staff from the Leiden, Utrecht and Wageningen Universities.

The merger of the bird collection of Naturalis with that of the ZMA, discussions with colleagues, publications of type catalogues in other museums such as Paris and Vienna, corrections of publication dates of historic literature and hence original descriptions and corrections and additions found by Naturalis staff and visitors to the collection all made an update of the RMNH catalogue necessary. This work was facilitated by the rapid digitisation of (historic) books and journals (in particular BHL) which enabled quick access and easy checks of the literature. Furthermore, the merged bird collections of the RMNH and ZMA have been fully digitised, making thorough searching and comparison of specimens and their data possible.

## What is new in this catalogue compared with the 1997 version

Much has changed in this update of Van den Hoek Ostende *et al.* (1997), who merely compiled the many notes by J. van der Land (curator of invertebrates) and G.F. Mees (former curator of birds) as well as information from specimen labels. Literature research for type specimens not yet listed or labelled as such, which prior to 1997 was

time consuming by searching for and flipping through books and journals in the library, was not part of the scope in 1997.

What is new in this 2022 version:

1. We have re-checked all the original descriptions and related literature in this catalogue. We concentrated our efforts on historic works by former RMNH ornithologists such as Temminck's *Planches Coloriées* and Schlegel's monographs as well as travellers such as Müller, Von Siebold and others such as Sharpe who were in close contact with them.

2. We added 380 names of taxa described by Temminck, other Leiden curators and other ornithologists. We also added names with their types in collections other than Leiden or which could not be found despite reference to the type specimens in the RMNH. This is a service to the users of this catalogue to show that we are aware of these names and performed extensive searches in the physical as well as in the digital collection. It will help taxonomists to locate these types in other collections. We have, however, limited this search to published data and have not consulted these collections and/or their curators. We refer to these specimens with their registration numbers as they are listed in published works or (online) databases, we did not check for correctness.

3. We removed the type specimens of 13 names which were listed in Van den Hoek Ostende *et al.* (1997) as they turned out to be listed erroneously. The 13 names, however, remain in the list and our correction is explained.

4. We listed specimens of which the type status could not be ascertained with certainty as *possible* types.

5. We included the type specimens formerly in the Zoological Museum of the University of Amsterdam (Roselaar and Prins, 2000) which are now part of the collection of Naturalis Biodiversity Center. We also reviewed this catalogue and made corrections and additions where necessary in this update.

6. We added specimen information between square brackets [...] when this information was neither on the label nor written under the stand but found in the original description or secondary sources.

An important source of information on collectors and their travels in South-East Asia was the *Cyclopaedia of Malesian Collectors* compiled by M.J. van Steenis-Kruseman, originally published in the Flora Malesiana series, available online<sup>1</sup>. For additional information on the history of the RMNH (ornithological) collection and its curators, see Gijzen (1938), Holthuis (1995) and the introduction in Van den Hoek Ostende *et al.* (1997).

7. We corrected, where necessary, years of publication and hence original descriptions of names. This was based, among others, on various works of Edward Dickinson and his co-authors, as e.g. for the "Nouveau recueil de planches coloriées" of Temminck and Laugier (1820-1839) (Dickinson, 2001, Dickinson *et al.*, 2022).

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<sup>1</sup> <http://www.nationaalherbarium.nl/FMCollectors/home.htm>

8. Van den Hoek Ostende *et al.* (1997) gave RMNH #### as format for the registration number. This has been adapted to RMNH.AVES.##### complying with the international standard now in use for the RMNH collections. The numeric part of the unique identifier has remained unchanged.

9. Van den Hoek Ostende *et al.* (1997) followed the nomenclature in use in the 16 volumes of the Check-List of the Birds of the World (Peters 1934-1987). We have updated this to current names as published by the International Ornithological Congress (I.O.C.) starting from version 10.1. and during the work on this catalogue shifting to the newer version 11.1. (Gill *et al.*, 2021) ([www.worldbirdnames.org](http://www.worldbirdnames.org)).

10. We adjusted the sequence of orders and families as in use by the IOC but listed the types alphabetically under the current IOC names for the genera and within the genera for species.

11. During the process we were confronted with information written on the labels that did not always match information under the stand or the identity of the specimen. Labels are in most cases later additions to the specimen, as almost all original labels have been discarded. Information was also regularly added as handwritings from different persons under the stands show. We noticed discrepancies in collecting date, collectors' name, location and gender and age of the specimen. See e.g. *Alcedo lugubris* Temminck. An extreme example we encountered was a woodpecker (RMNH.AVES.203484, *Picus leucogaster* Temminck) which was mounted on a stand which originally held a cuckoo from South Africa ("*Centropus senegalensis*"). In several cases these discrepancies led to doubt about the true information and hence the status of the specimen. Such cases are explained under the taxon involved in which case we added "possible" to the type status of that particular specimen.

12. In some cases we encountered taxonomic issues which need to be solved, see e.g. *Cuculus fasciolatus* Müller, *Centropus medius* Bonaparte and *Strix Rosenbergii* Schlegel. However, this is beyond the scope of this catalogue and requires a taxonomic review. We merely note the issue.

13. Van den Hoek Ostende *et al.* (1997) gave specimens originating from Cabinet Temminck and listed in Temminck (1807) the acquisition date of 1807. This is not correct as 1807 is the publication date of the Catalogue and Temminck's Cabinet goes back much earlier. Temminck's collection was one of three founding collections of the RMNH in 1820. An important part was collected by Levaillant in South Africa between 1781 and 1784, an expedition financed by Temminck's father.

14. Dickinson *et al.* (2022) discussed the publication of livraison 1-20 in the *Nouveau recueil de Planches Coloriées d'oiseaux* by Temminck (1820-1821). The first 120 plates and wrappers with scientific names were published often several years before the text appeared. Hence, the specimen on the plate is the holotype and the text becomes irrelevant regarding type status. All specimens referred to in the text should *not* (as has been done in almost, if not all type catalogues) be regarded as syntypes. However, the problem we were confronted with when selecting the illustrated specimen is twofold. First, the illustrated specimen is without further information, hence it could be any one of the specimens available to Temminck and second, the illustrated specimen could be

a composite of more than one specimen, e.g. when not all the characters due to sex, age or moult were present in a single specimens or could illustrate some artistic licence. Temminck (1820: footnote, text to Pl. 3) stated that to avoid useless repetition, specimens used for the plates are always housed in the first collection mentioned. We have compared specimens in the RMNH with the plates, but were unable to do so with specimens from other collections, in particular the MNHN, in cases where Temminck might have used specimens from there. The MNHN, NMW and other collections, like the RMNH, have listed syntypes for multiple names published in livraisons 1-20, but this should now be considered an error and we encourage curators to check these specimens against the plates if the holotype is not listed for the RMNH or when Temminck referred in his text, published later, to these collections.

15. We have included types for names introduced by B.H. Hodgson. The information linked to the specimens he collected is poor, especially lacking day, month and year of collecting. As Hodgson stayed in Nepal for a long period (1819-1844), it can not be ruled out that some of his specimens were collected *after* the description of the new names.

16. We have listed all primary types with full data, secondary types by registration number only.

17. In the 1830s, Johann Heinrich Frank was a dealer in natural history specimens and antiquities in Leipzig, Germany. His son, Gustav Adolph, educated as a pharmacist, moved to Amsterdam where he started as a natural history dealer as well. In 1833, he contacted Temminck for the first time after which many transactions would follow. Gustav Adolph's son, Gustaaf Adolf (jr), followed the career of his father and grandfather and started as a natural history dealer in Londen in 1871. Together G.A. Frank senior and junior became important international suppliers for European natural history museums.

Between 1833 and 1883, the Rijksmuseum van Natuurlijke Historie (RMNH) bought and sold to third parties a considerable amount of specimens through both Frank sr. and Frank jr. Also the Zoological Museum Amsterdam, which collection is part of Naturalis since 2010, dealt with Frank sr and Frank jr.

From the labels on the specimens in the Leiden collection it is often not clear whether the object was obtained through G.A. Frank sr. or G.A. Frank jr. as only G.A. Frank is mentioned. We have not tried to sort this out any further as it would be largely impossible.

18. According to Stresemann (1953a: 319), Vieillot used the “Catalogue systematique” (Temminck, 1807) as a basis for many of the new names in his “Nouveau dictionnaire d’histoire naturelle” (1816-1819) by slightly modifying the description given by Temminck and ‘translating’ the French name in a scientific binary name.

### Abbreviations

In addition to the above, the following abbreviations have been used in the specimen information:

“Loc:” refers to place, country and, if given on the label, the date the specimen was collected.

“Leg:” refers to the field collector and, if given on the label, the date the specimen was received by the museum.

“Ex:” refers to the donator, which is *not* the field collector but a museum, owner of a private collection or animal dealer and, if given on the label, the date the specimen was received by the museum.

Please note that in the past the date of collection and the date of accession on the labels and in the old catalogues have sometimes been mixed up.

### Acronyms (in alphabetical order)

AMNH: American Museum of Natural History, New York, USA.  
 ANSP: Academy of Natural Sciences, Philadelphia, USA.  
 MCZ: Museum of Comparative Zoology, Cambridge, Massachusetts, USA.  
 MfN: Museum für Naturkunde, Berlin, Germany (with ZMB as registration number acronym).  
 MLC: Musée George Sand et de la Vallée Noire (Collection Baillon), La Châtre, France.  
 MNHN: Muséum national d'Histoire naturelle, Paris, France.  
 MNSL: Naturkundemuseum Leipzig, Leipzig, Germany.  
 MRSN: Regional Museum of Natural Sciences of Turin, Turin, Italy.  
 MSNG: Museo Civico di Storia Naturale Giacomo Doria, Genova, Italy.  
 MTD: Museum für Tierkunde, Dresden, Germany.  
 MWNH: Museum Wiesbaden, Hessisches Landesmuseum für Kunst und Natur, Naturhistorische Sammlungen, Wiesbaden, Germany.  
 MZB: Museum Zoologicum Bogoriense, Bogor, Indonesia.  
 MZUT: Zoological Museum of the University of Turin, now Museo Regionale di Scienze Naturali di Torino, Torino, Italy.  
 NAM: Amsterdam Zoo 'Natura Artis Magistra', Amsterdam, The Netherlands.  
 NHM: Natural History Museum, London, UK.  
 NMNH: Smithsonian National Museum of Natural History, Washington, USA. (with USNM as registration number acronym).  
 NMP: Národní Museum Prague, Prague, Czech Republic.  
 NMS: National Museums Scotland, Edinburgh, Scotland.  
 NMW: Naturhistorisches Museum Wien, Vienna, Austria.  
 NRM: Naturhistoriska Riksmuseet, Stockholm, Sweden.  
 RBINS: Royal Belgian Institute of Natural Sciences, Brussels, Belgium.  
 RMNH: Rijksmuseum van Natuurlijke Historie, now Naturalis Biodiversity Center, Leiden, The Netherlands (with RMNH as registration number acronym).  
 SMF: Senckenberg Museum Frankfurt, Frankfurt, Germany.  
 SMNS: Naturkundemuseum Stuttgart, Stuttgart, Germany.  
 UZMC: Universitets Zoologiske Museum, Copenhagen, Denmark.  
 ZFMK: Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn, Germany.  
 ZMA: Zoologisch Museum Amsterdam, Amsterdam, The Netherlands.  
 ZMM: Zoological Museum, Moscow State University, Moscow, Russia.  
 ZSM: Zoologische Staatssammlung München, Munich, Germany.

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## List of type-specimens

### CASUARIIFORMES

#### Casuariidae

*Casuarius papuanus* Schlegel, 1871b: 54 = *Casuarius bennetti westermanni* Sclater, 1874.

Syntype, RMNH.AVES.87001, adult female, mounted skin. Loc.: Andai, (Berau Peninsula), [Indonesia], 20.iii.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87002, immature male, mounted skin. Loc.: Andai, (Berau Peninsula), [Indonesia], 09.v.1870. Leg.: C.B.H. von Rosenberg.

Schlegel (1871) published his *C. papuanus* three years prior to Sclater's (1874) *C. westermanni*. Hence *C. papuanus* has priority over *C. westermanni*. The IOC listing refers to Perron (2011) and Beehler and Pratt (2016) for usage of *westermanni* for the form from the Vogelkop Peninsula because, as stated, "the provenance of the specimen associated with *C. papuanus* remains unsettled". Both syntypes of *C. papuanus*, however, have details attached to them about provenance, collector and date. Dickinson and Rensen (2013) did accept *C. papuanus* in contrast to IOC.

*Casuarius aruensis* Schlegel, 1866f: 347 = *Casuarius casuarius* (Linnaeus, 1758).

Syntype, RMNH.AVES.87003, adult female, mounted skin. Loc.: Wammer [= Warmar], Aru Isles, [Indonesia], 15.iv.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87004, immature female, mounted skin. Loc.: Koboör, Aru Isles, [Indonesia]. Leg.: C.B.H. von Rosenberg.

*Casuarius casuarius bistriatus* van Oort, 1908c: 205 = *Casuarius casuarius* (Linnaeus, 1758).

Holotype, RMNH.AVES.850, adult male, mounted skin. Loc.: North coast of New Guinea, [Indonesia], 1904. Ex: Rotterdam Zoo, 03.v.1907.

Holotype by monotypy. Van Oort described a single adult male captured on the "north coast of New Guinea, west of Humboldt Bay, very probable from Matterer Bay", and sent alive to the Rotterdam Zoological Garden, where it died in May 1907. According to the accession books, the skeleton of the holotype is also in the RMNH.

*Casuarius Kaupi* Rosenberg, 1861: 44 = *Casuarius unappendiculatus* (Blyth, 1860).

Rosenberg referred to his hunters who collected a single male on Salawati in August 1860. No specimen in the RMNH agrees with this. Furthermore, Schlegel (1873c: 12) did not mention this specimen in his letter to Sclater (1866: 168) or in his catalogue of the Struthioness where he discussed the validity of *C. Kaupi* Rosenberg.

## TINAMIFORMES

### Tinamidae

*Tinamus erythropus* Pelzeln, 1863: 1127 = *Crypturellus erythropus erythropus* (Pelzeln, 1863).

Syntype, RMNH.AVES.87005, adult male, mounted skin. Loc.: Barra do Rio Negro [= Manaus], Brazil, 06.xi.1832. Leg.: J. Natterer. Ex: NMW, 1864.

Syntype, RMNH.AVES.87006, adult female, mounted skin. Loc.: Barra do Rio Negro [= Manaus], Brazil, 29.vii.1833. Leg.: J. Natterer. Ex: NMW, 1862.

Other syntypes collected by Natterer at Barra do Rio Negro are in the NMW (NMW 9987, NMW 20514 - 20520; Schifter *et al.*, 2007: 34-35) and in the NMNH (USNM 35005; Deignan, 1961: 4).

*Tinamus obsoletus* Temminck, 1815a: 588 = *Crypturellus obsoletus obsoletus* (Temminck, 1815).

Temminck based this name on 16 specimens described and collected by d'Azara in Paraguay (1781-1801). Temminck specifically referred to two specimens in the MNHN and one specimen in his own collection which could, however, not be found in the RMNH.

*Tinamus strigulosus* Temminck, 1815a: 594 = *Crypturellus strigulosus* (Temminck, 1815).

Temminck based this name on a single specimen in his own cabinet donated by Hoffmannsegg which is no longer present in the RMNH.

*Tinamus tataupa tataupa* Temminck, 1815a: 590 = *Crypturellus tataupa tataupa* (Temminck, 1815).

Temminck based this name on the description by d'Azara and two specimens in the MNHN.

*Crypturus Kerberti* Büttikofer, 1896a: 1 = *Crypturellus tataupa tataupa* (Temminck, 1815).

Holotype, RMNH.AVES.87007, adult female, skin. Loc.: Argentina. Ex: NAM, 02.iv.1896.



Holotype by monotypy. Büttikofer described a single adult female sent alive from Argentina and died in the NAM.

In the list of types from the ZMA, Roselaar and Prins (2000: 96) “selected” a paralectotype (ZMA.AVES.4961) because the holotype is in an imperfect state and the taxonomic status of *kerberti* is questionable. However, since the ZMA specimen is not mentioned by Büttikofer and is not part of the typeseries, it can not be given paralectotype status.

***Tinamus adpersus*** Temminck, 1815a: 585 = *Crypturellus undulatus adpersus* (Temminck, 1815).

Temminck based his description on a single specimen in the MfN, collected in Para, Brazil.

***Tinamus undulatus*** Temminck, 1815a: 582 = *Crypturellus undulatus undulatus* (Temminck, 1815).

Temminck based this name on a description by Azara but has not seen any specimens.

***Tinamus vermiculatus*** Temminck, 1825, livr. 62, pl. 369 = *Crypturellus undulatus vermiculatus* (Temminck, 1825).

Two syntypes from Brazil are presumed to be in the MNHN.

***Tinamus maculosus*** Temminck, 1815a: 557 = *Nothura maculosa maculosa* (Temminck, 1815).

Temminck had seen two specimens in the MNHN and NHM.

***Tinamus rufescens*** Temminck, 1815: 552 = *Rhynchotus rufescens rufescens* (Temminck, 1815).

Temminck based his description on a single specimen in the MNHN.

***Tinamus nanus*** Temminck, 1815a: 600 = *Taoniscus nanus* (Temminck, 1815).

Temminck based this name on a description by d’Azara and indicated that he had not seen any specimens.

***Tinamus guttatus*** Pelzeln, 1863: 1126 = *Tinamus guttatus* Pelzeln, 1863.

Syntype, RMNH.AVES.87008, adult male, mounted skin. Loc.: near Belém do Pará, Brazil, 15.xi.1834. Leg.: J. Natterer. Ex: NMW, 1864.

This is one of eight syntypes. Syntypes collected by Natterer are in the NHM (NHMUK 1892.6.9.131; not listed in Warren, 1966), the NMNH (USNM 35004; Deignan, 1961: 3) and the NMW (NMW 9988, 9989, 20524, 20525, 20526; Schifter *et al.* 2007: 33). The type locality was restricted to Borba by Hellmayr (1907: 409).

***Tinamus tao*** Temminck, 1815a: 569 = *Tinamus tao tao* Temminck, 1815.

Temminck based this name on two specimens, one in a collection in Lisbon, the other in the MfN.

## GALLIFORMES

### Megapodiidae

***Talegallus pyrrhopigius*** Schlegel, 1879f: 159 = *Aepypodius arfakianus arfakianus* (Salvadori, 1877).

Holotype, RMNH.AVES.87335, adult, sex unknown, mounted skin. Loc.: [Andai], New Guinea [Indonesia], iv.1878. [Leg.: W.H. Woelders] Ex: G.A. Frank, 1879.

Holotype by monotypy. Schlegel based his description on "the skin of one single specimen [...] recently brought to Europe by one of the Dutch missionaries".

The spelling of *pyrrhopigius* in the title is clearly an error as later in the text it is correctly spelled *pyrrhopygius*.

This specimen was acquired through the dealer Frank. The collector must have been missionary Woelders who returned to the Netherlands in February 1879, on leave from Andai, New Guinea, bringing his collection with him (Adriani, 1895).

***Macrocephalon maleo*** Müller, S., 1846: 116.

***Megacephalon maleo*** Gray, 1846: 849 = *Macrocephalon maleo* Müller, S., 1846.

Syntype, RMNH.AVES.226916, adult male, mounted skin. Loc.: Boujat, [Sulawesi, Indonesia], 1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.226917, adult female, mounted skin. Loc.: Boujat, [Sulawesi, Indonesia], 1840. Leg.: E.A. Forsten.

Syntype RMNH.AVES.226918, immature, mounted skin. Loc.: Menado, [Sulawesi, Indonesia], 1840. Leg.: E.A. Forsten.

Sal. Müller based his name on *Megachephalon maleo* Temm. ms. These are also the syntypes of *Megacephalon maleo* Gray (1846: 849).

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Megapodius Bernsteinii*** Schlegel, 1866d: 261 = *Megapodius bernsteinii* Schlegel, 1866.

Syntype, RMNH.AVES.87340, immature female, mounted skin. Loc.: Sula Mangola, [Indonesia]. Leg.: H.A. Bernstein, 1863.

Syntype, RMNH.AVES.227463, adult male, mounted skin. Loc.: Sula Bessie, [Indonesia], 16.xi.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.227464, adult male, mounted skin. Loc.: Sula Mangola, [Indonesia], 5.xii.1864. Leg.: D.S. Hoedt.

Syntype, ZMA.AVES.25836, adult female, skin. Loc.: Sula isl., 30.xi.1864. Leg.: D.S. Hoedt.

One syntype was sent to the MNHN in July 1875.

***Megapodius sanghirensis*** Schlegel, 1880: 91 = *Megapodius cumingii sanghirensis* Schlegel, 1880.

Syntype, RMNH.AVES.87341, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 29.xi.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87342, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 23.i.1866. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87343, adult, sex unknown, mounted skin. Loc.: Siao-outong, [Indonesia]. Ex: L.D.H.A. Renesse van Duyvenbode, 1866.  
 Syntype, RMNH.AVES.87344, adult female, mounted skin. Loc.: Siao-outong, [Indonesia]. Ex: L.D.H.A. Renesse van Duyvenbode, 1866.  
 Syntype, RMNH.AVES.87345, adult male, mounted skin. Loc.: Siao, [Indonesia]. Ex: L.D.H.A. Renesse van Duyvenbode, 1866.  
 Syntype, RMNH.AVES.87346, adult, sex unknown, mounted skin. Loc.: Siao, [Indonesia]. Ex: L.D.H.A. Renesse van Duyvenbode, 1866.

***Megapodius Forstenii*** Gray, 1847: pl. CXXIV.

***Megapodius Forsteni*** Gray, 1847: p. 491. (*nomen nudum*) = *Megapodius freycinet forsteni* Gray, 1847.

Lectotype, RMNH.AVES.87348, adult female, mounted skin. Loc.: Ceram, [Indonesia], 1840. Leg.: E.A. Forsten.

Gray gave no indication of the number of specimens he used for his description: he merely published a manuscript name by Temminck. Therefore, this specimen should be a syntype, but by listing it as holotype Van den Hoek Ostende *et al.* (1997: 52) designated it the lectotype.

Forsten visited Seram late 1842, so either he received this specimen from another collector or the date is an error.

The IOC spelling of *forsteni* (single “i”) is incorrect, based on a *nomen nudum*, and should follow the spelling (double “ii”) as on the plate.

***Megapodius freycinet oustaleti*** Roselaar, 1994: 27 = *Megapodius freycinet oustaleti* Roselaar, 1994.

Holotype, RMNH.AVES.87336, adult male, mounted skin. Loc.: Sorong, [Indonesia], 28.xi.1864. Leg.: H.A. Bernstein.  
 Paratypes, RMNH.AVES.87337-87339.

There is also a paratype in the NHM (NHMUK 1881.5.1.5666).

***Megapodius Reinwardt*** Dumont, 1823: 416.

***Megapodius rubripes*** Temminck, 1826: livr. 69, pl. 411 = *Megapodius reinwardt reinwardt* Dumont, 1823.

Holotype for *reinwardt*, syntype for *rubripes*, RMNH.AVES.87347, adult, sex unknown, mounted skin. Loc.: Lombok, [Indonesia], 1818 [1818 = error?]. Leg.: C.G.C. Reinwardt.

Holotype by monotypy for *M. reinwardt* Dumont, 1823 as he referred to a single individual. He erroneously indicated Amboine [= Ambon] as the type locality. The locality Lombok also seems to be erroneous, since Reinwardt never visited the island. The correct locality is most likely Buma, Sumbawa, where he stayed from 20-23.iii.1821 (G.F. Mees, pers. comm.).

In his description of *M. rubripes*, Temminck indicated that the material was collected by Reinwardt, who collected four specimens. Schifter *et al.* (2007: 84-85) listed two syntypes received from the RMNH in the NMW (NMW 48139 and 88296).

***Megapodius Tumulus*** Gould, 1842b: 20 = *Megapodius reinwardt tumulus* Gould, 1842.

Paralectotype, RMNH.AVES.90977.

This specimen was acquired through Gould and possibly collected by his collector Gilbert.

The lectotype was selected by Stone (1913: 132) which is in the ANSP (ANSP 12770, male. Loc.: Port Essington). See also Fisher and Calaby (2009: 77-79).

***Talegalla fuscirostris aruensis*** Roselaar, 1994: 15 = *Talegalla fuscirostris* Salvadori, 1877.

Holotype, RMNH.AVES.87349, adult female, mounted skin. Loc.: Wonumbai [Kobroor], Aru Isl., [Indonesia], 16.v.1865. Leg.: C.B.H. von Rosenberg.  
Paratype, RMNH.AVES.87350.

Two paratypes are in the MTD (MTD C7298) (Eck and Quaiser, 2004: 235) and the MfN (ZMB 51178).

***Talegallus jobiensis*** Meyer, 1874: 74 = *Talegalla jobiensis jobiensis* A.B. Meyer, 1874.

Syntype, RMNH.AVES.87351, adult female, mounted skin. Loc.: Ansous, Jobie [= Japen], [Papua, Indonesia], iv.1873. Leg.: A.B. Meyer, 1879.

The species was described from a series of five specimens. Only two seem to have survived: one in the MTD (MTD C3135) (Eck and Quaiser, 2004: 235) and RMNH.AVES.87351 (Roselaar, 1994).

## Cracidae

***Crax carunculata*** Temminck, 1815a: 44 = *Crax globulosa* Spix, 1825.

Temminck's description is based on a single skin in a collection in Lisbon.

***Penelope parrakoua*** Temminck, 1815a: 85 (*nomen novum*) = *Ortalis motmot* (Linnaeus, 1766).

Temminck introduced this name to bring order in the names for this taxon (among others *Phasianus motmot* Linnaeus, *Phasianus parraqua* Latham, *Phasianus garrulus* Humboldt and *Phasianus guianensis* Brisson). Although Temminck referred to specimens in his cabinet, there are no types involved here.

***Penelope obscura*** "Illiger" Temminck, 1815a: 68 = *Penelope obscura obscura* Temminck, 1815.

Temminck based this new species on the description by d'Azara. He had not seen any specimens.

***Penelope superciliaris*** “Illiger” Temminck, 1815a: 72 = *Penelope superciliaris superciliaris* Temminck, 1815.

Temminck based this new species on one specimen in his own cabinet and two specimens in the MfN, all collected by Hoffmannsegg in Para, Brazil. The specimen from Cabinet Temminck is no longer in the RMNH.

### Numididae

***Agelastes meleagrides*** Bonaparte, 1850d: 145 = *Agelastes meleagrides* Bonaparte, 1850.

Syntype, RMNH.AVES.87414, adult male, mounted skin. Loc.: Dabocrom, Ashantee, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87415, adult male, mounted skin. Loc.: Dabocrom, Ashantee, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

### Odontophoridae

***Perdix Sonnini*** Temminck, 1815a: 451 = *Colinus cristatus sonnini* (Temminck, 1815).

Syntype, RMNH.AVES.87357, adult male, mounted skin. Loc.: South America. Leg.: -.

Temminck based his description on specimens in his own cabinet and in the MNHN. Voisin *et al.* (2015: 8) did not consider their only specimen (C.G. 2013-34) a syntype of *P. sonnini*.

***Odontophorus cubanensis*** Gray, 1846: [no pagination] = *Colinus virginianus cubanensis* (G.R. Gray, 1846).

Syntype, RMNH.AVES.224580, adult, sex unknown, mounted skin. Loc.: Cuba. Leg.: -.

This name is listed by G.R. Gray (1846) as a manuscript name by Gould and referring to a description of *Colinus virginianus* from Cuba by D’Orbigny (no specimens mentioned). Later, Gould (1850) gave a formal description of *O. cubanensis*, mentioning, among others, a specimen in the RMNH. There are no types for *O. cubanensis* listed in Voisin *et al.* (2015).

***Perdix borealis*** Temminck, 1815a: 436 (*nomen novum*) = *Colinus virginianus* subsp. (Linnaeus, 1758).

Temminck introduced this name as a *nomen novum* for multiple names being in use for this taxon.

***Odontophorus Columbianus*** Gould, 1850: [30] = *Odontophorus columbianus* Gould, 1850.

Syntype, RMNH.AVES.87399, adult male, mounted skin. Loc.: ‘Colombie’. Leg.: R.F. van Lansberge.

Syntype, RMNH.AVES.87400, adult female, mounted skin. Loc.: ‘Colombie’. Leg.: R.F. van Lansberge.

According to the label and information written under the stand these specimens originate from Colombia, as indeed the name suggests. However, the species is restricted to Venezuela. In his description Gould mentioned “Caracas” as the type locality and uses the vernacular name “Caraccas Partridge” [sic]. R.F. van Lansberge worked both in Caracas and Santa Fé de Colombia as consul for the Dutch government between 1826 and 1855 and probably these localities got mixed up with the labelling.

*Perdix dentata* Temminck, 1815a: 419 (*nomen novum*) = *Odontophorus gujanensis gujanensis* (Gmelin, 1789).

Temminck introduced this name as a *nomen novum* for *Perdix guianensis* [sic] Latham.

### Phasianidae

*Perdix heyi* Temminck, 1825: livr. 55, pl. 328 (male) and 329 (female) = *Ammoperdix heyi heyi* (Temminck, 1825).

Syntype, RMNH.AVES.87352, adult male (error = female), mounted skin. Loc.: [Akaba], Arabia, [1822]. Leg.: [W.P.E.S. Rüppell. Ex: SMF].

Syntype, RMNH.AVES.87353, adult male, mounted skin. Loc.: [Akaba], Arabia, [1822]. Leg.: [W.P.E.S. Rüppell. Ex: SMF].

According to the original description the two syntypes, collected by Hey in the deserts of Acaba in Arabia, were received from the SMF.

*Anurophasis monorhonyx* van Oort, 1910e: 212 = *Anurophasis monorhonyx* van Oort, 1910.

Holotype, RMNH.AVES.87354, adult male, skin. Loc.: Oranje mountains, [Jayawijaya, Papua, Indonesia], 05.xi.1909. Leg.: H.A. Lorentz, Dutch New Guinea Expedition, 1909.

Holotype by monotypy. Van Oort based his description on a single male, field number 254.

*Arborophila javanica bartelsi* Siebers, 1929: 149 = *Arborophila javanica javanica* (Gmelin, 1789).

Holotype, RMNH.AVES.14027, adult male, skin. Loc.: Gn. Tjerimai, Cheribon, Java, [Indonesia], 31.v.1928. Leg.: J.J. Menden. Ex: MZB, 12.i.1950 (MZB 5680).

The description was based on ten specimens. The paratypes are in the MZB (MZB 5681-5685, 6916-6919).

*Arborophila brunneopectus lawuana* Bartels, 1938: 321 = *Arborophila javanica lawuana* Bartels, 1938.

Holotype, RMNH.AVES.29802, adult female, skin. Loc.: Gunung Lawoe, Java, [Indonesia], 24.vi.1936. Leg.: M. Bartels Jr. and P.J. Bouma. Ex: Bartels, 01.vi.1954.  
Paratypes, RMNH.AVES.29803-29807.

Bartels based his description on a series of eight specimens. One of the paratypes is in the MZB (MZB 6843). The eighth specimen was part of the Bouma collection; its



whereabouts are now unknown. All paratype labels bear 1938 as the year of collecting which is in error for 1936.

***Perdix Vethi*** Snelleman, 1887: 30, pl. III = *Arborophila rubrirostris* (Salvadori, 1879).

Holotype, RMNH.AVES.87355, adult female, mounted skin. Loc.: [Alahan Pandjang], W. Sumatra, [Indonesia, 9.viii.1877 - 29.ix.1877]. Leg.: Sumatra expedition [1877].

Holotype by monotypy: Snelleman (1887: 46) wrote that this female was the only specimen collected. This name is published as a junior synonym of *Arborophila rubrirostris*.

***Perdix megapodia*** Temminck, 1828, livr. 78, pl. 462 (male) and 463 (female) = *Arborophila torqueola torqueola* (Valenciennes, 1825).

Three syntypes are in the MNHN. One went to the SMF in March 1835.

***Argus giganteus*** Temminck, 1813b: 410 = *Argusianus argus argus* (Linnaeus, 1766).

Temminck wrote having seen more than 30 specimens originating from Malacca in his own cabinet and several other collections. No specimens which fit as types are currently present in the RMNH.

***Bambusicola sonorivox*** Gould, 1863: 285 = *Bambusicola sonorivox* Gould, 1863.

Syntype, RMNH.AVES.87356, adult female, mounted skin. Loc.: N. Formosa (= Taiwan), v.1861. Leg.: R. Swinhoe, 1863.

Syntype, RMNH.AVES.88810, adult male, mounted skin. Loc.: Formosa (= Taiwan), iii.1862. Leg.: R. Swinhoe, 1863.

These are also the types for the genus name *Bambusicola* Gould, 1863. Warren (1966: 276) lists NHMUK 1863.2.16.4 as syntype in the NHM.

***Perdix thoracica*** Temminck, 1815a: 335 = *Bambusicola thoracicus* (Temminck, 1815).

Temminck based his description on a single skin in the collection of Raye van Breukelerwaert. Although some of this collection was bought for the RMNH by Temminck at its sale in 1827, this specimen is not in the RMNH.

***Perdix oculae*** Temminck, 1815a: 408 = *Caloperdix oculus oculus* (Temminck, 1815).

Temminck based his description on a single male specimen in the collection of Raye van Breukelerwaert. This specimen was listed in the sales catalogue (1827: 51) and according to annotations by Temminck in the RMNH archive sold for 3 guilders and 15 cents. Although some of the collection was bought for the RMNH, this specimen could not be found. One was sent to the NMW by Temminck in 1823 (NMW 1823.LXXXVIII.88).

***Coturnix textilis*** Temminck, 1815a: 512 = *Coturnix coromandelica* (Gmelin, 1789).

Syntype, RMNH.AVES.87358, adult male, mounted skin. Loc.: ‘Inde Himalaya’. Leg.: -.

According to Temminck this taxon occurred on the Indian Subcontinent. He referred specifically to specimens in his collection from Bengal to which no reference is made under the stand. We tentatively list RMNH.AVES.87358 as a syntype. According to Temminck other syntypes (a male and female) are in the MNHN which are not listed by Voisin *et al.* (2015).

***Coturnix vulgaris africana*** Temminck and Schlegel, 1849: 103 = *Coturnix coturnix africana* Temminck and Schlegel, 1849.

Syntype, RMNH.AVES.87359, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.  
 Syntype, RMNH.AVES.87360, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.  
 Syntype, RMNH.AVES.87361, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.  
 Syntype, RMNH.AVES.87362, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.  
 Syntype, RMNH.AVES.87363, adult, sex unknown, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.  
 Syntype, RMNH.AVES.87364, adult, sex unknown, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

***Coturnix vulgaris japonica*** Temminck and Schlegel, 1849: p. 103, pl. 61 = *Coturnix japonica* Temminck and Schlegel, 1849.

Syntype, RMNH.AVES.87365, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87366, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87367, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87368, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87369, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.87370, adult male, mounted skin. Loc.: Japan. Leg.: -.  
 Syntype, RMNH.AVES.87371, adult male, mounted skin. Loc.: Japan. Leg.: -.  
 Syntype, RMNH.AVES.87372, adult female, mounted skin. Loc.: Japan. Leg.: -.  
 Syntype, RMNH.AVES.87373, adult male, mounted skin. Loc.: Japan. Leg.: -, 1844.  
 Syntype, RMNH.AVES.87374, adult male, mounted skin. Loc.: Japan. Leg.: -, 1841.  
 Syntype, RMNH.AVES.87375, adult female, mounted skin. Loc.: Japan. Leg.: -, 1841.  
 Syntype, RMNH.AVES.87376, adult female, mounted skin. Loc.: Japan. Leg.: -, 1844.  
 Syntype, RMNH.AVES.87377, adult male, mounted skin. Loc.: Japan. Leg.: -, 1841.  
 Syntype, RMNH.AVES.87378, adult female, mounted skin. Loc.: Japan. Leg.: -, 1844.  
 Syntype, RMNH.AVES.87379, adult female, mounted skin. Loc.: Japan. Leg.: -.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Synoicus cervinus*** Gould, 1865: 195 = *Coturnix ypsilophora australis* (Latham, 1802).

Possible paralectotype, RMNH.AVES.224722.

Fisher and Calaby (2009: 80) listed this specimen as possibly from the Gould collection and therefore we consider this to be part of the type series. Stone (1913: 132) selected the lectotype in the NHM.

***Perdix Raaltenii*** Müller, 1842: 158 = *Coturnix ypsilophora raaltenii* (Müller, 1842).

Syntype, RMNH.AVES.87403, adult male, mounted skin. Loc.: [Babau], Timor, [Indonesia]. Leg.: S. Müller [xi-xii.1828].

Syntype, RMNH.AVES.87404, adult female, mounted skin. Loc.: [Babau], Timor, [Indonesia]. Leg.: S. Müller [xi-xii.1828].

Syntype, RMNH.AVES.87405, adult male, mounted skin. Loc.: [Babau], Timor, [Indonesia]. Leg.: S. Müller [xi-xii.1828].

***Coturnix excalfactoria*** Temminck, 1815a: 516. = *Excalfactoria chinensis* subsp. (Linnaeus, 1766).

Syntype, RMNH.AVES.228357, adult male, mounted skin. Loc.: “Moluques” [error for Timor, viii-xi.1801]. Leg. F. Péron [R. Maugé], Baudin expedition.

Temminck based his description on more than 20 specimens from the Moluccas and the Philippines and referred to specimens collected during the Baudin Expedition. Only one specimen in the RMNH can be linked to Temminck’s description. It was collected during the Baudin expedition on Timor, by Temminck considered to be part of the Moluccas instead of the Lesser Sundas as it is now.

Two specimens, also from Timor and collected by Baudin, are reported as syntypes in the MNHN (Jansen, 2017) and represent, as does RMNH.AVES.228357, *Excalfactoria chinensis lineata* (Scopoli, 1786). A specimen from Java was sent to the NMW by Temminck in April 1830. Temminck also referred to its occurrence in China, representing the nominate form.

***Perdix gularis*** Temminck, 1815a: 401 = *Francolinus gularis* (Temminck, 1815).

Syntype, RMNH.AVES.87388, adult male, mounted skin. Loc.: Bengal. Leg.: -.

Syntype, RMNH.AVES.87389, adult male, mounted skin. Loc.: Bengal. Leg.: -.

The description is based on two specimens, one in Temminck's cabinet and one in the MNHN. The two syntypes listed here are indistinguishable, have the same data and look fully similar. Both specimens have ‘type’ written on their label or under the stand. Based on Temminck’s description, the specimen to which he referred as being the one in his own cabinet, can not be identified for reasons mentioned above. Voisin *et al.* (2015) did not list a syntype for *Perdix gularis* but only referred to a specimen which was *not* considered a syntype.

***Gallus giganteus*** Temminck, 1813b: 84. = *Gallus gallus* (Linnaeus, 1758).

Temminck claimed to describe a wild species from Sumatra and Java. He referred to a foot of this taxon in his cabinet which is, however, no longer present in the RMNH.

***Gallus Morio*** Temminck, 1813b: 253. = *Gallus gallus* (Linnaeus, 1758).

Temminck claimed to be describing a wild bird from India.

***Gallus bankiva*** Temminck, 1813b: 87. = *Gallus gallus bankiva* Temminck, 1813.

Temminck based his name on the description of three specimens in the MNHN by Laischenau (= Leschenault).

***Gallus lanatus*** Temminck, 1813b: 256 = *Gallus gallus domesticus* (Linnaeus, 1758).

In the catalogue of his cabinet (1807: 164, species no. 1047) it is introduced as a *nomen nudum*, a formal description followed in 1813.

***Gallus ecaudatus*** Temminck, 1813b: 267. = *Gallus lafayettii* Lesson, 1831.

Syntype, RMNH.AVES.224888, adult male, mounted skin. Loc.: Ceylon [= Sri Lanka]. Leg.: Governor of Ceylon. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.224889, immature male, mounted skin. Loc.: Ceylon [= Sri Lanka]. Leg.: Governor of Ceylon. Ex: Cabinet Temminck.

In the catalogue of his cabinet (1807: 145, species no. 246) this name is introduced as a *nomen nudum* with a reference to his never published work on Galliformes. A formal description followed in 1813. For a detailed explanation of the taxonomy and history of this taxon and the types see Grouw *et al.* (2017).

Apart from two specimens in his own collection, Temminck referred to a specimen in the collection of Raye van Breukelerwaert. This specimen was sold at the sale of this collection in 1827 (Cleef, 1827: 49, no 885) for 4 guilders and 15 cents to the RMNH where it seems to be no longer present.

***Gallus sonneratii*** Temminck, 1813b: 246. = *Gallus sonneratii* Temminck, 1813.

Temminck described three males and a female without mentioning where he had seen them. The RMNH has no specimens that fit as types.

***Gallus Furcatus*** Temminck, 1813b: p. 261. = *Gallus varius* (Shaw, 1798).

In the catalogue of his cabinet (1807: 146, species no. 401) this name is introduced as a *nomen nudum* with reference to his much later published work on Galliformes. A formal description followed in 1813 which was based on five specimens, three in the MNHN (from Leschenault) and two in the RMNH, all from Java. Later Temminck (1829: livr. 81, pl. 483) listed Java as well as Sumatra as collecting areas. Schifter *et al.* (2007: 98) mentioned a possible syntype in the NMW (NMW 13796), received in exchange from the RMNH. One specimen was in the MfN by iii.1826. For a detailed explanation of the taxonomy and history of this taxon and the types see Van Grouw and Dekkers (2019).

***Tetrao Saliceti*** Temminck, 1815a: 208 = *Lagopus lagopus subsp.* (Linnaeus, 1758).

Possible syntype, RMNH.AVES.224446, male, adult, mounted skin. Loc.: Lapponie [= northern Scandinavia]. Leg.: -.

Two more specimens in the RMNH from Russia, but without date, might also belong to the type series.

***Lagopus brachydactylus*** Gould, 1837: pl. 256 and text = *Lagopus lagopus subsp.* (Linnaeus, 1758).

Holotype, RMNH.AVES.226893, adult, sex unknown, mounted skin. Loc.: Russia. Ex: C. Fellner von Feldegg.

Holotype by monotypy. Gould wrote: "M. Temminck's specimen, which we believe to be unique".

***Perdix Lerwa*** Hodgson, 1833: 107 = *Lerwa lerwa* (Hodgson, 1833).

Syntype, RMNH.AVES.227458, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

The Hodgson collection arrived in Leiden in 1845 consisting of four crates with birds and mammals.

***Lophophorus refulgens*** Temminck, 1813b: 355 = *Lophophorus impejanus* (Latham, 1790).

Syntype, RMNH.AVES.87397, adult male, mounted skin. Loc.: Himalayas. Ex: Cabinet Temminck.

Temminck referred to three specimens: one male in his own cabinet (now part of the RMNH), a specimen in the Museum Leverianum in London (a collection which was auctioned in 1806) and a specimen in the MNHN (originating from the collection of the "Stadhouder"). The specimen from the Museum Leverianum went to the NMW where it seems lost (Schifter *et al.*, 2007: 97). Voisin *et al.* (2015) did not list a syntype for *refulgens* in the MNHN.

***Euplocomus diardi*** Bonaparte, 1856b: 415.

***Diardigallus prelatius*** Bonaparte, 1856b: 415 = *Lophura diardi* (Bonaparte, 1856).

Syntype, RMNH.AVES.87380, adult male, mounted skin. Loc.: Cochinchine [Vietnam]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.87381, adult female, mounted skin. Loc.: Cochinchine [Vietnam]. Leg.: P.M. Diard.

In his description Bonaparte also published the name *Euplocomus diardi*, a Temminck manuscript name. He intended to substitute this name with his *Diardigallus prelatius*.

***Gallus Macartneyi*** Temminck, 1813b: 273 = *Lophura ignita macartneyi* (Temminck, 1813).

Syntype, RMNH.AVES.87398, adult male, mounted skin. Loc.: 'Chine'. Ex: Cabinet Temminck.

The locality 'Chine' as written under the stand is obviously erroneous as this taxon occurs in Sumatra as was known to Temminck (1813b: 280). Temminck referred to the first account of this species by G.T. Staunton (1797) based on a specimen presented to Lord Macartney, British Ambassador to China, during his visit to Java in March 1793. This specimen was sent to Shaw in the NHM and is part of the type series. It is not listed in Warren (1966). Temminck described multiple specimens of which only one is still present in the RMNH. Another one was exchanged with the MfN in July 1818.

***Houppifer hoogerwerfi*** Chasen, 1939: 184 = *Lophura inornata hoogerwerfi* (Chasen, 1939).

Holotype, RMNH.AVES.14026, adult female, skin. Loc.: Telaga Meloewak, Gayu Lues, Sumatra, [Indonesia]. Leg.: A. Hoogerwerf, 24.iv.1937. Ex: MZB, 12.i.1950 (MZB 11744).

Holotype by monotypy. The description was based on a single female. See also Sözer *et al.* (2006).

***Lophophorus cuvieri*** Temminck, 1820, livr. 1, pl. 1 = *Lophura leucomelanos lathami* (J.E. Gray, 1829).

The holotype, the illustrated specimen, collected by Diard and Duvaucel is in the MNHN according to the original publication, but awaits confirmation from the MNHN.

A recommendation to the ICZN is in preparation to suppress *Lophophorus cuvieri* Temminck, 1820, in favour of the junior synonym *Phasianus Lathami* J.E. Gray, 1829 (= *Lophura leucomelanos lathami* (J.E. Gray, 1829), because of prevailing usage. The holotype (see livr. 1, plate 1), which was historically considered a hybrid in the literature, is here regarded as a composite specimen as (only) the tail does not fit (adult) Kalij Pheasant *Lophura leucomelanos*.

***Coturnix perlata*** Temminck, 1815a: 470 = *Margaroperdix madagarensis* (Scopoli, 1786).

Possible syntype, RMNH.AVES.224704, adult male, mounted skin. Loc.: Madagascar. Leg.: -.

Temminck based his description on a male in his own cabinet and a similar specimen in the MNHN which is, however, not listed in Voisin *et al.* (2015).

***Pavo cristatus indicus*** Temminck, 1807: 145 (*nomen nudum*).

***Pavo cristatus primus*** Temminck, 1813b: 26.

***Pavo nigripennis*** Sclater, 1860a: 221 = *Pavo cristatus* Linnaeus, 1758.

Syntype, RMNH.AVES.225015, adult male, mounted skin. Ex: Cabinet Temminck.

Sclater based his name on Latham (1823: 114) who based his name on Temminck (1813b). RMNH.AVES.225015 was in Temminck's collection before 1807 (Jansen 2017) but discussed by Gasso Miracle (2019: 26).

***Francolinus peli*** Temminck, 1854: 50 = *Peliperdix lathami lathami* (Hartlaub, 1854).

Syntype, RMNH.AVES.87390, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87391, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87392, adult male, mounted skin. Loc.: Sacconde, Côte d'Or [= Sekondi-Takoradi, Ghana], 3 [May] 1841. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87393, immature male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Collected during Pel's stay in Ghana between 1840 and 1855.



***Phasianus Diardi*** Temminck, 1830: livr. 82, text to pl. 486 = *Phasianus versicolor versicolor* Vieillot, 1825.

Temminck published *Phasianus Diardi* in his resume of *P. versicolor* Vieillot, 1825, based on a specimen sent by Diard to the MNHN. Temminck named it *P. Diardi* in honour of Diard, publishing it as a junior synonym of *P. versicolor* Vieillot, 1825. The holotype is in the MNHN, listed by Voisin *et al.* (2015: 27) under number C.G. 2013-39.

***Polyplectron Chinquis*** Temminck, 1813b: 363. = *Polyplectron bicalcaratum* (Linnaeus, 1758).

Temminck had seen birds in several menageries prior to the Napoleonic era. He had two males in his own cabinet and saw an immature male in the MNHN. No specimens which fit as types could be found in the RMNH.

***Polyplectron chalcurum scutulatum*** Chasen, 1941: 17 = *Polyplectron chalcurum scutulatum* Chasen, 1941.

Holotype, RMNH.AVES.14028, adult male, skin. Loc.: Simpang Agoesan, [Gayo Lues], Sumatra, [Indonesia], 07.ii.1937. Ex: MZB, 12.i.1950 (MZB 10176).

***Polyplectron emphanum*** Temminck, 1832, livr. 91, pl. 540 = *Polyplectron napoleonis* Lesson, 1831.

The holotype (by monotypy) is in the ANSP (ANSP 12732).

***Francolinus achantensis*** Temminck, 1854: 49 = *Pternistis achantensis* (Temminck, 1854).

Syntype, RMNH.AVES.87382, adult female, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87383, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87384, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87385, immature male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

***Perdix adansonii*** Temminck, 1815a: 305 = *Pternistis bicalcaratus bicalcaratus* (Linnaeus, 1766).

Possible syntype, RMNH.AVES.224678, adult male, mounted skin. Loc.: Senegambie. Leg.: -.

Temminck described three specimens: one in the NHM, one in the RMNH and one in Bullock's collection, one of which was sent by Temminck to the NMW (NMW 1821.LXXIII.56).

***Perdix clamator*** Temminck, 1815a: 298 = *Pternistis capensis* (Gmelin, 1789).

Possible syntype, RMNH.AVES.224672, adult male, mounted skin. Loc.: Cap, [South Africa]. Leg.: -.



Temminck (1815: 304) referred to male specimens in his cabinet, a male in the collection of Raye and a female in the MNHN.

***Perdix erckelii*** Rüppell, 1835: 12, pl. 6 = *Pternistis erckelii* (Rüppell, 1835).

Paralectotype, RMNH.AVES.90934.

The lectotype was designated by Steinbacher (1949: 105) and is in SMF (SMF 12600). Paralectotypes are in the NHM (Steinheimer, 2005a: 238; NHMUK 1837.6.10.699, 1837.6.10.700).

***Perdix rubricollis*** Cretzschmar, 1829: 44, pl. 30 = *Pternistis leucoscepus leucoscepus* (Gray, 1867).

Possible syntype, RMNH.AVES.148207, adult male, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell.

Possible syntype, RMNH.AVES.148208, adult female, mounted skin. Loc.: Massawa, Abyssinia [Eritrea]. Leg.: W.P.E.S. Rüppell.

Steinheimer (2005a) listed both as possible syntypes.

***Perdix Longirostris*** Temminck, 1815a: 323 = *Rhizothera longirostris* (Temminck, 1815).

Syntype, RMNH.AVES.87401, adult male, mounted skin. Loc.: Sumatra, [Indonesia]. Ex: Museum Batavia.

Syntype, RMNH.AVES.87402, adult female, mounted skin. Loc.: Sumatra, [Indonesia]. Ex: Museum Batavia.

Temminck wrote having received three males and two females and that a male and female were in the collection of Raye van Breukelerwaert. No other specimens in the RMNH collection fit as types. Temminck published this name first as a *nomen nudum* in his Catalogue systématique (1807: 158, nr. 445) based on a male, already referring to the forthcoming formal description (Temminck, 1815a).

***Francolinus jugularis*** Büttikofer, 1889b: 76 = *Scleroptila gutturalis jugularis* (Büttikofer, 1889).

Syntype, RMNH.AVES.87386, adult male, skin. Loc.: Gambos, [Angola], 25.ii.1888. Leg.: P.J. van der Kellen.

Syntype, RMNH.AVES.87387, adult female, skin. Loc.: Gambos, [Angola], 25.ii.1888. Leg.: P.J. van der Kellen.

***Perdix Le Vaillantii*** Temminck, 1823: livr. 7-10, text to pl. 1.

***Perdix vaillantii*** Temminck, 1829: livr. 80, pl. 477 = *Scleroptila levaillantii levaillantii* (Valenciennes, 1825).

Syntype, RMNH.AVES.87394, adult, sex unknown, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.87395, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.87396, adult male, mounted skin. Loc.: Palmiet River, Cape, [South Africa]. Leg.: -.

Temminck first mentioned the name *Perdix Le Vaillantii* in a footnote to the text for plate 1 (1823; see Dickinson 2012: 45) and referred to the description following later (Temminck, 1829: pl. 477). In the text and footnote a very short description is given (only collector and locality, and some information on the characteristic morphology of the bill). Following the rule of priority this name should be attributed to Temminck with publication date 1823 and not to Valenciennes (1825).

According to the description with plate 477 other possible syntypes are in the MNHN, but are not listed in Voisin *et al.* (2015).

***Phasianus veneratus*** Temminck, 1830, livr. 82, pl. 485 = *Syrmaticus reevesii* (Gray, 1829).

Possible syntype, RMNH.AVES.224949, adult male, mounted skin. Loc.: China. Leg.: -.

Temminck based his description on two males in his collection of which RMNH.AVES.224949 fits plate 485. The other male, which Temminck described having a much shorter tail, seems no longer to be present in the RMNH.

***Phasianus saemmerringii*** Temminck, 1830: livr. 82, pl. 487 (male) and pl. 488 (female) = *Syrmaticus soemmerringii soemmerringii* (Temminck, 1830).

Syntype, RMNH.AVES.87406, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87407, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger, “1841”.

Temminck mentioned that he had received several specimens from Von Siebold. There are no mounted specimens in the RMNH referring to Von Siebold on the label or written under the stand. Two specimens refer, in Temminck’s handwriting, to Bürger, the assistant and successor of Von Siebold. Bürger left Japan in 1834. RMNH.AVES.87407 also has “1841” written on the label, which we consider to be an error. For more information on Siebold’s collection, see Holthuis and Sakai (1970), Dekker *et al.* (2001) and Morioka *et al.* (2005). Two were sent to the MfN by March 1833 and one to the SMF in August 1830.

Schifter *et al.* (2007: 99) listed two possible syntypes in the NMW (NMW 1269 and 1270) received from Temminck in 1833.

Dickinson (2001: 44) proposed livraison 82 (January 1830) for both plates.

## ANSERIFORMES

### Anatidae

***Anas (Mareca) gibberifrons*** Müller, 1842: 159 = *Anas gibberifrons* Müller, 1842.

Syntype, RMNH.AVES.87318, adult male, mounted skin. Loc.: Prittie [Pariti], Timor, [Indonesia], xii.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.87319, adult female, mounted skin. Loc.: Atapoepoe, Timor, [Indonesia], iii.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.87320, adult female, mounted skin. Loc.: Makassar, Celebes [= Sulawesi, Indonesia] [iii 1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87321, adult male, mounted skin. Loc.: Menado, Celebes [= Sulawesi, Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87322, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi, Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87323, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi, Indonesia], vii.1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87324, adult female, mounted skin. Loc.: Pegoiat [= Paguat], Celebes [= Sulawesi, Indonesia], xi.1841. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87325, immature, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi, Indonesia], 1.x.1844. Leg.: E.A. Forsten.

The year 1844 for RMNH.AVES.87325 is obviously an error as Forsten died in 1843. Forsten stayed in Celebes twice between March 1840 - April 1842.

***Anas Salvadorii*** Büttikofer, 1896b: 59 = *Anas platyrhynchos platyrhynchos* Linnaeus, 1758.

Holotype, RMNH.AVES.87326, adult, sex unknown, skin. Loc.: Sumba, [Indonesia]. Leg.: Colfs.

Holotype by monotypy. Büttikofer described how he "found a Duck from the Island of Sumba". Büttikofer's description is based on a domestic duck.

***Anser brachyrhynchus*** Baillon, 1834: 74 = *Anser brachyrhynchus* Baillon, 1834.

Syntype, RMNH.AVES.87331, immature, mounted skin. Loc.: Picardie, France. Leg.: L.A.F. Baillon.

The MLC houses a possible syntype (MLC.2011.0.560).

***Anser cygnoides ferus*** Temminck and Schlegel, 1850: 140 = *Anser cygnoides* (Linnaeus, 1758).

Holotype, RMNH.AVES.87329, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: -, 1844.

Holotype by monotypy. Temminck and Schlegel wrote that they received a single specimen.

The name *A. ferus* was neither mentioned on plate 81 published in 1849 (Holthuis and Sakai, 1970) or 1850 (Mlíkovský, 2012b: 117) nor in the description but only in the index to the plates on page 140 which was published in 1850 (see Morioka *et al.*, 2005).

***Anser medius*** Temminck, 1840: 519 = *Anser erythropus* (Linnaeus, 1758).

Holotype, RMNH.AVES.87330, adult, sex unknown, mounted skin. Loc.: Europe, xi.1819. Leg.: C.J. Temminck.

Holotype by monotypy. Temminck described a single bird shot by him.

***Anas scutulata*** Müller, 1842: 159 = *Asarcornis scutulata* (Müller, 1842).

Syntype, RMNH.AVES.87138, adult male, mounted skin. Loc.: Lake Gorong, Java, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87202, adult male, mounted skin. Loc.: Lake Gorong, Java, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87332, adult male, mounted skin. Loc.: Lake Gorong, Java, [Indonesia]. Leg.: S. Müller.

Since Müller explicitly mentioned a lake at the foot of Mt. Salak, Java as the only collecting locality of this new species, a fourth specimen from "Buitenzorg" is probably not part of the type series even though it was also collected by Müller.

*Nyroca australis lebeboeri* Bartels and Franck, 1938: 337 = *Aythya australis* (Eyton, 1838).

Holotype, RMNH.AVES.14018, adult male, skin. Loc.: Lake Tundjung, Java, [Indonesia], 3.vi.1937. Leg.: J.M. ten Cate. Ex: MZB, 12.i.1950 (MZB 7791, don.: A.J.M. Ledeboer).

Holotype by monotypy. The name *lebeboeri* is clearly a *lapsus*, since the species was named after A.J.M. Ledeboer.

*Dendrocygna guttata* "Forsten" Schlegel, 1866e: 85 = *Dendrocygna guttata* Schlegel, 1866.

Lectotype, RMNH.AVES.87333, adult male, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [iii.1840-iv.1842]. Leg.: E.A. Forsten.

Paralectotypes, RMNH.AVES.88958-88971, 88973-88982, 258109 (formerly 88972).

Van den Hoek Ostende *et al.* (1997: 49) listed RMNH.AVES.87333 as holotype, the other specimens as paratypes. This was in error, as Schlegel did not nominate a holotype: he referred to RMNH.AVES.87333 as the type of the manuscript name by Forsten. Therefore all specimens listed in his original description should be considered syntypes. However, by listing RMNH.AVES.87333 as holotype, Van den Hoek Ostende *et al.* (1997: 49) unintentionally designated it the lectotype.

Forsten visited Celebes twice between March 1840 - April 1842. RMNH.AVES.88962 is erroneously labelled 1860 instead of 1861.

*Nettapus pulchellus* Gould, 1842a: 89 = *Nettapus pulchellus* Gould, 1842.

Paralectotypes, RMNH.AVES.90978-90979.

The lectotype was selected by Stone (1913: 143) which is in the ANSP (ANSP 5972, male. Loc.: Port Essington).

In the original description, Gould made no reference to specimens. However later Gould (1842: text to plate 4) wrote that his description was based on four specimens: two collected by Gilbert, one by Bynoe and one by an unknown collector. The two RMNH specimens came to Leiden prior to Temminck's death in 1858 as text in his hand on the stand refers to Gilbert as collector. See also Mees (1982: 23) and Fisher and Calaby (2009: 84), who listed these specimens as probable types.

*Anas cyanoptera* Hartlaub, 1855: 357.

*Querquedula Hartlaubii* Cassin, 1859: 175 (*nomen novum*).

*Anas cuprea* Schlegel, 1866e: 62 (*nomen novum*) = *Pteronetta hartlaubii* (Cassin, 1859).

Holotype, RMNH.AVES.87334, adult female, mounted skin. Loc.: Dabocrom [error for Rio Boutry?], Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Holotype by monotypy. Hartlaub referred to a single male collected at Rio Boutry, Ghana. According to Schlegel and later labels, this specimen is a female collected at Dabocrom, Ghana. Mees (2003) corrected the type locality to Rio Boutry, as referred to by Hartlaub in his original description.

*Quercedula hartlaubii* Cassin, 1859 and *Anas cuprea* Schlegel, 1866 were both introduced as *nomen novum* for *Anas cyanoptera* Hartlaub, 1855, which is preoccupied by *Anas cyanoptera* Vieillot, 1816.

*Anas (Querquedula) humeralis* Müller, 1842: 159 = *Spatula querquedula* (Linnaeus, 1758).

Syntype, RMNH.AVES.87327, adult male, mounted skin. Loc.: [Pamanukan], Java, [Indonesia], [iv.1832]. Leg.: S. Müller

Syntype, RMNH.AVES.87328, adult female, mounted skin. Loc.: [Pamanukan], Java, [Indonesia], [iv.1832.]. Leg.: S. Müller.

## CAPRIMULGIFORMES

### Podargidae

*Batrachostomus parvulus* Bonaparte, 1850a: 57 = *Batrachostomus affinis affinis* Blyth, 1847.

Lectotype, RMNH.AVES.88362, adult male, relaxed mount. Loc.: Kapoeas, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

Paralectotypes, RMNH.AVES.88363-88364.

There are two species represented in the typeseries. The male from Borneo (RMNH.AVES.88362) is *B. affinis affinis* Blyth, 1847, the other two specimens are *B. stellatus* (Gould, 1837). Stresemann (1937) selected the male from Borneo as lectotype. Mees (1986) argued that this selection was invalid, since Stresemann referred to *B. parvulus* Schlegel, 1857. It is, however, clear that Schlegel (1857) referred to *B. parvulus* Bonaparte, 1850. We therefore consider Stresemann's lectotype selection valid, making *B. parvulus* Bonaparte, 1850 a junior synonym of *B. affinis* Blyth, 1847.

*Podargus cornutus* Temminck, 1822: livr. 27, pl. 157 (*nomen novum*) = *Batrachostomus cornutus cornutus* (Temminck, 1822).

*Nomen novum* for *Podargus Javensis* Horsfield, 1822. Temminck based this name on the description by Horsfield and a single specimen from Sumatra in the MNHN, which is not part of the type series. The holotype for *P. Javensis* and subsequently *P. cornutus* is in the NHM (BMNH 1880.1.1.4764).

*Batrachostomus javensis longicaudatus* Hoogerwerf, 1962: 195 = *Batrachostomus cornutus longicaudatus* Hoogerwerf, 1962.

Paratype, RMNH.AVES.27880.

The holotype is in the MZB (MZB 23136; Sudaryanti *et al.*, 2006: 7).

***Batrachostomus poliophilus*** "Temminck" Hartert, 1892a: 63 = *Batrachostomus poliophilus* Hartert, 1892.

Holotype, RMNH.AVES.88365, adult female, skin. Loc.: Padang, Sumatra, [Indonesia], 1837. Leg.: L. Hörner.

Holotype by monotypy. Hartert based his description on a single specimen in the RMNH.

***Podargus intermedius*** Hartert, 1895: x = *Podargus ocellatus intermedius* Hartert, 1895.

Paralectotype, RMNH.AVES.88366.

Hartert nominated specimens from Kiriwina as type. This excludes RMNH.AVES.88367 from Ferguson Island, listed in Van den Hoek Ostende *et al.* (1997: 162), from the type series. Later Hartert designated the lectotype (Hartert 1925: 157).

### Caprimulgidae

***Caprimulgus aegyptius*** Lichtenstein, 1823: 59.

***Caprimulgus isabellinus*** Temminck, 1825: livr. 64, pl. 379 (*nomen novum*) = *Caprimulgus aegyptius aegyptius* Lichtenstein, 1823.

Syntype, RMNH.AVES.88370, adult male, relaxed mount. Loc.: "Nubia"[= error for Egypt]. Ex: MfN, 5.iii.1825.

RMNH.AVES.88370 was received on 5 March 1825 from the MfN. Lichtenstein described and only listed specimens from "Aegypt. super." [Upper Egypt]. RMNH.AVES.88370 has "Nubia" as locality, which might indicate that there has been a mix up with the data either in Berlin or Leiden.

Temminck introduced *C. isabellinus* as an unnecessary *nomen novum* for *C. aegyptius* Lichtenstein, 1823. He considered reference to Egypt in the scientific name incorrect as this species also occurs outside Egypt as well as the fact that other species occur in Egypt.

The MfN houses a series of syntypes for *C. aegyptius* (Cleere *et al.*, 2005: 204) which are also the types for *C. isabellinus* Temminck, 1825.

***Caprimulgus concretus*** Bonaparte, 1850a: 60 = *Caprimulgus concretus* Bonaparte, 1850.

Syntype, RMNH.AVES.88372, adult male, relaxed mount. Loc.: Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88373, adult, sex unknown, relaxed mount. Loc.: Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88374, adult female, relaxed mount. Loc.: Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88375, immature female, relaxed mount. Loc.: Borneo, [Indonesia]. Leg.: -.

Bonaparte incorrectly gave "Ashantee" (Ghana, West Africa) as type locality. RMNH.AVES.88375 is a male according to N. Cleere (pers. comm., 2.viii.1993).



***Caprimulgus smithi*** Bonaparte, 1850a: 59 = *Caprimulgus europaeus europaeus* Linnaeus, 1758.

Syntype, RMNH.AVES.88376, adult female, relaxed mount. Loc.: Algoa Bay, South Africa. Leg.: -.  
Syntype, RMNH.AVES.88377, adult female, relaxed mount. Loc.: Cape, South Africa. Leg.: -.

***Caprimulgus eximius*** "Rüppell" Temminck, 1826: livr. 67, pl. 398 = *Caprimulgus eximius eximius* Temminck, 1826.

Holotype, RMNH.AVES.88378, adult male, relaxed mount. Loc.: Sennaar, Ethiopia. Leg.: W.P.E.S. Rüppell. Ex: SMF.

Holotype by monotypy.

Originally 'Nubie' was written under the stand, later changed into 'Sennaar'.

***Caprimulgus jotaka*** Temminck and Schlegel, 1844: pl. 12 and 13, p. 37 = *Caprimulgus jotaka jotaka* Temminck and Schlegel, 1845.

Syntype, RMNH.AVES.88379, adult male, relaxed mount. Loc.: Japan. Leg.: H. Bürger.  
Syntype, RMNH.AVES.88380, adult male, relaxed mount. Loc.: Japan. Leg.: H. Bürger.  
Syntype, RMNH.AVES.88381, adult female, relaxed mount. Loc.: Japan. Leg.: H. Bürger.

Plates 12 and 13 appeared in 1844, the description on p. 37 one year later (Holthuis and Sakai, 1970). For more information on dating and Siebold's collection see Dekker *et al.* (2001). Temminck and Schlegel wrote that they had four specimens, two males and two females. The whereabouts of one female is unknown.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected, but will differ where the name is based upon a series of specimens.

***Caprimulgus inornatus*** Heuglin, 1869: 129 = *Caprimulgus inornatus* Heuglin, 1869.

Syntype, RMNH.AVES.88382, adult male, skin. Loc.: Keren, Bogosland, N.E. Africa [= Ethiopia], vii.1861. Leg.: T. von Heuglin. Ex: SMNS [(Kraus)(4841), 1862.

The remaining two syntypes are in the SMNS (SMNS 4840 and SMNS 4842).

***Caprimulgus ritae*** King *et al.*, 2022 (in press) = not yet included in IOC 12.2.

Holotype, RMNH.AVES.162472, adult female. Loc.: Wetar, Indonesia, 7.iii.1898. Leg.: C. Schädler (212).  
Paratype, RMNH.5070058.

According to G. Sangster (pers. comm., June 2022), this new taxon was considered to belong to *Caprimulgus macrurus schlegelii* A.B. Meyer, 1874. Other paratypes are in the AMNH (AMNH 632998-632999).

***Caprimulgus meesi*** Sangster and Rozendaal, 2004: 30 = *Caprimulgus meesi* Sangster and Rozendaal, 2004.

Holotype, RMNH.AVES.75297, adult male, skin. Loc.: Nisar, Flores, [Indonesia], 15.ix.1975. Leg.: E. Schmutz.

The paratype, an adult male collected by G. Stein at Mao Marru, Sumba, is in the AMNH (AMNH 346702).

***Caprimulgus nubicus*** Lichtenstein, 1823: 59 = *Caprimulgus nubicus nubicus* Lichtenstein, 1823.

Syntype, RMNH.AVES.90754, adult, sex unknown, relaxed mount. Loc.: Nubia [= Sudan]. Leg.: [W.F. Hemprich and C.G. Ehrenberg]. Ex: MfN, 05.iii.1824.

According to acquisition lists in the RMNH archives, this specimen was received from the MfN on March 5, 1824. Since this transfer only contained specimens offered by the MfN through Lichtenstein's "Verzeichnis der Doubletten", RMNH.AVES.90754 does belong to the type series. At least three syntypes are in the MfN (ZMB 8951 – 8953; Cleere *et al.*, 2005: 204). Schifter *et al.* (2007: 206) listed a syntype in the NMW (NMW 42205).

***Antrostomus dominicus*** Bonaparte, 1850a: 61 = *Caprimulgus pectoralis pectoralis* Cuvier, 1816.

Syntype, RMNH.AVES.88384, adult male, relaxed mount. Loc.: "Haiti" [= error for South Africa]. Leg.: A. Ricord [= error?].

Syntype, RMNH.AVES.88385, adult female, relaxed mount. Loc.: "Haiti" [= error for South Africa]. Leg.: -.

Haiti is an error since *C. pectoralis* only occurs in Africa. Later 'South Africa' was added to the label.

***Caprimulgus Bartelsi*** Finsch, 1902: 148 = *Caprimulgus pulchellus bartelsi* Finsch, 1902.

Holotype, RMNH.AVES.65036, adult female, skin. Loc.: Pangerango, Preanger, Java, [Indonesia], 13.x.1901. Ex: M. Bartels (977), 01.vi.1954.

***Caprimulgus ruficollis*** Temminck, 1820b: 438 = *Caprimulgus ruficollis ruficollis* Temminck, 1820.

Temminck based his description on two specimens in the collection of the NMW, where Schifter *et al.* (2007: 205-206) listed two syntypes collected by Natterer in Algeciras, Spain (NMW 5509 and 42204).

***Caprimulgus diurnus*** Wied, 1821: 174 = *Chordeiles nacunda nacunda* (Vieillot, 1817).

Syntype, RMNH.AVES.88416, adult, sex unknown, relaxed mount. Loc.: [Inhobim, Bahia], Brazil, [8.ii.1817]. Leg.: A.P.M. zu Wied-Neuwied.

Greenway (1978: 146) listed another syntype in the AMNH (AMNH 6838) as the holotype of *C. diurnus* Wied, 1830, not Wied, 1821. Therefore, this is not a valid lectotype designation. Van den Hoek Ostende *et al.* (1997: 166) listed

RMNH.AVES.88416 along with RMNH.AVES.88414 and 88415 as syntypes for *C. diurnus* Temminck, 1823, a junior primary homonym of Wied's name. They must have overlooked the earlier publication by Wied as did Greenway. As the latter two specimens were not collected by Wied, they have no type status.

According to Wied he found this species between Vareda (= Inhobim) and Ressaque (= Resacca), 8 February 1817 (Moraes, 2009: 30).

***Eurostopus [sic] argus*** Hartert, 1892b: 608 = *Eurostopodus argus* Hartert, 1892.

Paralectotypes, RMNH.AVES.88389-88390.

Hartert based his name on a *nomen nudum* by Rosenberg (1867: 37), therefore Rosenberg's specimens are included in the type series. Listed as *E. guttatus guttatus* (Vigors and Horsfield, 1826) in Peters (1940; Vol. IV: 190), which name was published in 1827 based on a misidentified *E. mystacalis* (Temminck, 1826) (see Holyoak, 2001: 292). See Schodde and Mason (1997: 324) for discussion on lectotype selection by Mathews.

***Caprimulgus mystacalis*** Temminck, 1826: livr. 69, pl. 410 = *Eurostopodus mystacalis* (Temminck, 1826).

Lectotype, RMNH.AVES.88387, adult, sex unknown, relaxed mount. Loc.: Australia. Leg.: -.

Listed as *Eurostopodus albogularis albogularis* (Vigors and Horsfield, 1826) in Peters (1940; Vol. IV: 190), which name was published in 1827, one year after Temminck's publication (see Holyoak, 2001: 298). Temminck's description gives no indication about the number of specimens. The listing in Van den Hoek Ostende *et al.* (1997: 164) as holotype was in error but constituted a lectotype designation.

***Caprimulgus papuensis*** Schlegel, 1866f: 340 = *Eurostopodus papuensis* (Schlegel, 1866).

Syntype, RMNH.AVES.88401, adult male, skin. Loc.: Sorong, [Papua, Indonesia], 04.xii.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88402, adult male, skin. Loc.: Salawatti, [Indonesia], 25.ii.1865. Leg.: H.A. Bernstein.

***Hydropsalis trifurcatus*** Tschudi, 1846: 129 = *Hydropsalis climacocerca climacocerca* (Tschudi, 1844).

Syntype, RMNH.AVES.88405, adult male, skin. Loc.: Baraneira [= Bananeira], Brazil, 08.ix.1821. Leg.: J. Natterer. Ex: NMW, 1864.

***Caprimulgus psalurus*** Temminck, 1822: livr. 27, pl. 157 and 158 = *Hydropsalis torquata torquata* (Gmelin, 1789).

Syntype, RMNH.AVES.88403, adult female, skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.88404, adult male, skin. Loc.: Brazil. Leg.: -.

Although not mentioned in Schifter *et al.* (2007), five syntypes are in the NMW (NMW 10173, 41591, 41592, 41593, 41595).

According to Natterer's handwritten register cards in the NMW, three specimens were sent to the RMNH, two of which fit as type: one specimen from the third delivery which arrived in the NMW in 1821 and a female collected by Natterer in Ypanema in August 1821 which was probably also sent to the NMW within the third delivery. However, they probably did not belong to the specimens Temminck had seen in the RMNH when he described his new taxon. The female was sent to the RMNH as late as in 1864. According to the original description other syntypes are in the MNHN. For dating of the Planches Coloriées and plate 157 see Dickinson (2001:47).

***Caprimulgus Nattererii*** Temminck, 1822: livr. 18, pl. 107 = *Lurocalis semitorquatus nattererii* (Temminck, 1822).

Holotype, RMNH.AVES.88406, adult male, relaxed mount. Loc.: Brazil. Leg.: -.

Following Dickinson et al. (2022) (see also introduction of this catalogue under "what is new in this 2022 version": 14) we have selected the holotype based on the plate as the text which appeared on 22 May 1824 is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 165) or any other type catalogue is erroneous. The following specimens have therefore no type status: RMNH.AVES.88407 and 88408 (Van den Hoek Ostende *et al.* (1997: 165); NMW 41567 - 41569, NMW 43962 (Schifter *et al.*, 2007: 202-203); ZMB 8922 and 8924 (Cleere *et al.*, 2005: 203) and any specimens in the MNHN referred to by Temminck (1824).

***Lyncornis macrotis jacobsoni*** Junge, 1936: 39 = *Lyncornis macrotis jacobsoni* Junge, 1936.

Holotype, RMNH.AVES.88391 (6651), adult female, skin. Loc.: Sinabang, Simalur [= Simeulue], [Indonesia], 28.iii.1913. Leg.: E.R. Jacobson and W.C van Heurn.  
Paratypes, RMNH.AVES.88392-88398.

***Lyncornis macropterus*** "Temminck" Bonaparte, 1850a: 62 = *Lyncornis macrotis macropterus* Bonaparte, 1850.

Syntype, RMNH.AVES.88399, adult female, relaxed mount. Loc.: Pagueat, Celebes [= Sulawesi], [Indonesia], [15.iv.1840 - 19.vi.1841]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.88400, adult male, relaxed mount. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], [15.iv.1840 - 19.vi.1841]. Leg.: E.A. Forsten.

Forsten visited the Tondano area from 15 April 1840 - 19 June 1841.

***Lyncornis Temminckii*** Gould, 1838b: pl. XVI and text.

***Lyncornis imberbis*** "Temminck" Gould, 1838b: pl. XVI and text = *Lyncornis temminckii* Gould, 1838.

Syntype, RMNH.AVES.199026, adult male, relaxed mount. Loc.: Borneo, [Indonesia], [28.vii-17.xii.1836]. Leg.: S. Müller.

Gould based his description on several specimens in his own collection and on a bird sent by Temminck under the manuscript name *L. imberbis*. A name Gould published in synonymy of *L. temminckii*. Müller visited Borneo from 28 July - 17 December 1836.

***Hydropsalis creagra*** Bonaparte, 1850a: 58 = *Macropsalis forcipata* (Nitsch, 1840).

Syntype, RMNH.AVES.88409, adult male, relaxed mount. Loc.: Brazil. Leg.: -.  
Syntype, RMNH.AVES.88410, adult male, relaxed mount. Loc.: Brazil. Leg.: -.

***Nyctidromus grallarius*** "Wied" Bonaparte, 1850a: 62 = *Nyctidromus albicollis albicollis* (Gmelin, 1789).

Syntype, RMNH.AVES.88411, adult male, relaxed mount. Loc.: Brazil. Leg.: -.  
Syntype, RMNH.AVES.88412, adult female, relaxed mount. Loc.: Brazil. Leg.: J. Natterer.

***Caprimulgus minutus*** "Natterer" Bonaparte, 1850a: 63 = *Nyctiprogne leucopyga* (Spix, 1825).

Possible holotype, RMNH.AVES.88413, adult male, skin. Loc.: Brazil. Leg.: -.

Bonaparte based his description on a manuscript name by Natterer and a specimen in the NMW referred to as "Avis junior?" [immature?]. No types for *C. minutus* are listed in Schifter *et al.* (2007), but the listing of RMNH.AVES.88413 as holotype by Van den Hoek Ostende *et al.* (1997: 166) is questionable without more information about its provenance.

Originally this specimen was sexed as female, later changed into male on the label.

***Caprimulgus binotatus*** "Temminck" Bonaparte, 1850a: 60 = *Veles binotatus* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88417, adult male, skin. Loc.: Ashante, Dabocrom, Gold Coast [= Ghana]. Leg.: H.S. Pel, 1841.

Bonaparte erroneously gave "Borneo" as collecting locality and gave no indication of the number of specimens available to him. The listing in Van den Hoek Ostende *et al.* (1997: 167) as holotype was in error, but constituted a lectotype designation.

## APODIFORMES

### Aegothelidae

***Batrachostomus crinifrons*** "Temminck" Bonaparte, 1850a: 57 = *Aegotheles crinifrons* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88368, adult female, relaxed mount. Loc.: Dodinga, Halmahera, [Indonesia], [19.vi-ix], 1841. Leg.: E.A. Forsten.

Bonaparte gave no indication of the number of specimens available to him. The listing in Van den Hoek Ostende *et al.* (1997: 162) as holotype was in error, but constituted a lectotype designation.

During a forced stay due to illness on Ternate from 19 June 1841 - mid September 1841, Forsten sent his hunters to Halmahera to collect skins.

***Caprimulgus brachyurus*** von Rosenberg, 1866: 143 = *Aegotheles wallacii* G.R. Gray, 1859.

Holotype, RMNH.AVES.88369, immature, sex unknown, relaxed mount. Loc.: Wonumbai [= Sungai Manumbai], Kobror Island, Aru Islands [Indonesia], v.1865. Leg.: C.B.H. von Rosenberg.

Van den Hoek Ostende *et al.* (1997: 162) listed Schlegel as the author of *C. brachyurus*. However, according to Mees (1980) this name was published first by Von Rosenberg. This is confirmed by Schlegel (1866f: 340) who referred to Von Rosenberg as the author of *C. brachyurus*.

Von Rosenberg (1866) referred to his specimen as a female and did not indicate the number of specimens. Schlegel (1866f: 34) mentioned that Von Rosenberg applied the name to a single immature specimen collected by himself on the Aru Islands. RMNH.AVES.88369 is therefore holotype by monotypy.

### Hemiprocnidae

***Cypselus comatus*** Temminck, 1824: livr. 45, pl. 268 = *Hemiprocne comata comata* (Temminck, 1824).

Schifter *et al.* (2007: 216) listed a possible syntype in the NMW. However, lacking collecting data, no final decision could be made whether the specimen indeed belongs to the type series. Temminck also referred to the RMNH but no specimen(s) are present which fit the description.

***Dendrochelidon schisticolor*** Bonaparte, 1850a: 66 = *Hemiprocne coronata* (Tickell, 1833).

Syntype, RMNH.AVES.88451, adult male, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.88458, adult female, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

***Cypselus longipennis*** Temminck, 1821: livr. 14, pl. 83 = *Hemiprocne longipennis longipennis* (Rafinesque, 1802).

Temminck's name is considered here to be a younger homonym of *longipennis* Rafinesque as Temminck made no reference to Rafinesque.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14), who did not include *longipennis* Temminck as they considered Rafinesque to be the first describer, the holotype is the specimen illustrated on plate 83 as the text which appeared later is irrelevant regarding type status. Temminck did not indicate in which collection the illustrated specimen was kept. The RMNH has none that fits the plate. A specimen from Java in the NMW (NMW 66895), received in exchange in 1821 from the RMNH and listed as syntype by Schifter *et al.* (2007: 216), might prove to be the holotype.

### Apodidae

***Collocalia ceramensis*** van Oort, 1911c: 64 = *Aerodramus ceramensis* (van Oort, 1911).



Holotype, RMNH.AVES.14990, adult male, skin. Loc.: Kwalara, Ceram, [Indonesia], 26.iv.1910. Leg.: F.K. van Dedem (330).

***Collocalia francica bartelsi*** Stresemann, 1927: 46 = *Aerodramus fuciphagus fuciphagus* (Thunberg, 1812).

Holotype, RMNH.AVES.88428, adult female, skin. Loc.: [Muara Wettan, Java, Indonesia], [13.ix.1914]. Leg.: [M. Bartels]. Ex: Bartels (9810).

The data listed above have been taken from Stresemann (1927) as they are lacking on the label.

***Collocalia francica sororum*** Stresemann, 1931: 12 = *Aerodramus sororum* (Stresemann, 1931).

Paratypes, RMNH.AVES.90897-90898.

The holotype is in the AMNH (AMNH 292443) and five paratypes in the MfN (ZMB 34.2250–34.2252, 34.2254 and 34.2255).

***Collocalia brevirostris vulcanorum*** Stresemann, 1926: 352 = *Aerodramus vulcanorum* (Stresemann, 1926).

Holotype, RMNH.AVES.88429, adult female, skin. Loc.: [Gedeh] West Java, [Indonesia]. Leg.: M. Bartels (13273).

The data listed above have been taken from Stresemann (1926). There is no data on the label of this specimen.

***Cypselus barbatus*** Sclater, 1866: 599 = *Apus barbatus barbatus* (Sclater, 1866).

Syntype, RMNH.AVES.88419, adult, sex unknown, relaxed mount. Loc.: Cap, South Africa. Ex: Cabinet Temminck.

Sclater based this name on two specimens labelled "*Cypselus barbatus*" in the RMNH. Apart from RMNH.AVES.88419, which is specifically indicated as a type specimen, the museum possesses two *A. barbatus* specimens collected by van Horstok in South Africa, which were present in the museum at the time of description. Whether or not one of these is the second specimen referred to by Sclater can not be decided, since these specimens no longer bear the original labels.

***Cypselus pygargus*** Temminck, 1828: livr. 77, pl. 460, fig. 1 = *Apus caffer* (Lichtenstein, 1823).

Syntype, RMNH.AVES.88420, adult male, relaxed mount. Loc.: Cap, South Africa. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.88421, adult female, relaxed mount. Loc.: Cap, South Africa. Ex: Cabinet Temminck.

Although not mentioned in the original description, Schifter *et al.* (2007: 215) listed another syntype in the NMW (NMW 31110).

*Apus affinis furcatus* Brooke, 1971: 101 = *Apus nipalensis furcatus* Brooke, 1971.

Holotype, RMNH.AVES.43220, adult male, skin. Loc.: Telar Tjabang Tampajan, Krawang, Java, [Indonesia], 20.viii.1907. Ex: M. Bartels (5004), 01.vi.1954.  
Paratypes, RMNH.AVES.43216-43219, 43221-43235.

There are also four paratypes in the MCZ and four in the NMNH.

*Cypselus leucorrhous* “Müller” Sclater, 1866: 603 = *Apus nipalensis furcatus* Brooke, 1971.

Syntype, RMNH.AVES.187909, male, relaxed mount. Loc.: Semarang, Java, Indonesia, 1828. Leg.: S. Müller.

Syntype, RMNH.AVES.187910, male, relaxed mount, 1828. Loc.: Semarang, Java, Indonesia. Leg.: S. Müller.

Syntype, RMNH.AVES.187911, female, relaxed mount, 10.ii.1828. Loc.: Semarang, Java, Indonesia. Leg.: S. Müller.

Sclater published this manuscript name by Müller in the synonymy of *Cypselus subfurcatus* Blyth, 1849. We have found no subsequent use to validate this name which therefore does not seem to be available.

*Cypselus nipalensis* Hodgson, 1837a: 780 = *Apus nipalensis nipalensis* Hodgson, 1837.

Syntype, RMNH.AVES.187897, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: Hodgson.

Syntype, RMNH.AVES.187898, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: Hodgson.

*Cypselus poliourus* Temminck, 1839: 78 = *Chaetura brachyura brachyura* (Jardine, 1846).

Lectotype, RMNH.AVES.88425, adult male, relaxed mount. Loc.: “Louisiana” [= error for Brazil]. Ex: Cabinet. Temminck.

Temminck based his description on pl. 726, fig. 2 in Daubenton and gave no indication of the number of specimens available to him. The listing in Van den Hoek Ostende *et al.* (1997: 169) as holotype was in error, but constituted a lectotype designation. Temminck’s description pre-dates that of Jardine and has been used by Jardine (1846), Bonaparte (1850a), Sclater (1862) and Salvin (1892).

*Cypselus senex* Temminck, 1826: livr. 67, pl. 397 = *Cypseloides senex* (Temminck, 1826).

Syntype, RMNH.AVES.88418, adult male, relaxed mount. Loc.: Ypanema, Brazil, 25.vi.1821. Leg.: J. Natterer. Ex: A. de Saint Hilaire.

The data listed here come from a relatively new label. The old label, which is still attached to the specimen, gives no sex. According to this old label the specimen originates from the collection of Auguste de Saint Hilaire.

According to the original description other syntypes are in the MNHN.

*Cypsiurus batasiensis [sic] bartelsorum* Brooke, 1972: 221 = *Cypsiurus balasiensis bartelsorum* Brooke, 1972.

Holotype, RMNH.AVES.88430, adult female, skin. Loc.: Pangerango, Preanger, Java, [Indonesia], 22.viii.1902. Ex: M. Bartels (1332), 01.vi.1954.  
Paratypes, RMNH.AVES.88431-88446.

There are also four paratypes in the NMNH.

***Tachornis parvus brachypterus*** Reichenow, 1903 : 386 = *Cypsiurus parvus brachypterus* (Reichenow, 1903).

Syntype, RMNH.AVES.90899, adult male, skin. Loc.: Landana, Loango, Angola, [1876-1877]. Leg.: A. Lucan and L. Petit, 1890.

Syntype, RMNH.AVES.90900, adult, sex unknown, skin. Loc.: Elmina, Goldcoast [= Ghana], W Africa. Leg.: C.J.M. Nagtglas, 1862.

Syntype, RMNH.AVES.90901, adult, sex unknown, skin. Loc.: Elmina, Goldcoast [= Ghana]. Leg.: C.J.M. Nagtglas, 1862.

Syntype, RMNH.AVES.90902, adult, sex unknown, skin. Loc.: Elmina, Goldcoast [= Ghana]. Leg.: C.J.M. Nagtglas, 1862.

Another syntype is in the MfN (ZMB 2002.123).

***Cypselus ambrosiacus*** Temminck, 1828: livr. 77, pl. 460, fig. 2 = *Cypsiurus parvus parvus* (Lichtenstein, 1823).

Lectotype, RMNH.AVES.88447, adult, sex unknown, relaxed mount. Loc.: Cape, South Africa [= error for “Nubia”]. Leg.: -.

Temminck based his description on Seba and Brisson and gave no indication of the number of specimens available to him. The listing in Van den Hoek Ostende *et al.* (1997: 171) as holotype was in error, but constituted a lectotype designation.

The origin of Cap de Bonne-Esperance as given by Temminck and on the label is considered to be erroneous as *C. parvus* does not occur in that part of South Africa. On the backside of the label it was later changed into “Nubia” as is also indicated by Sclater (1866: 602).

***Cypselus (Chaetura) Nudipes*** Hodgson, 1837a: 779 = *Hirundapus caudacutus nudipes* (Hodgson, 1837).

Syntype, RMNH.AVES.88450, adult, sex unknown, relaxed mount. Loc.: Nepal. Leg.: B.H. Hodgson.

Hodgson did not give much or any information on the specimen labels such as collecting date. Hence it is in most cases uncertain whether specimens collected and described by him are indeed types. This is also the type species for *Hirundapus* Hodgson, 1837.

Warren (1966: 210) listed several syntypes in the NHM.

***Chaetura gigantea var. celebensis*** Sclater, 1866: 608 = *Hirundapus celebensis* (Sclater, 1866).

Syntype, RMNH.AVES.88453, adult, sex unknown, relaxed mount. Loc.: Menado, Celebes [= Sulawesi], [Indonesia], [i-19.vi] 1841. Leg.: ?E.A. Forsten.

Syntype, RMNH.AVES.88454, adult, sex unknown, relaxed mount. Loc.: Menado, N. Celebes [= Sulawesi], [Indonesia]. Leg.: -.

Forsten visited the Tondano area from 15 April 1840 - 19 June 1841.

***Hirundinapus Klaesii*** Büttikofer, 1887: 40 = *Hirundapus cochinchinensis* (Oustalet, 1878).

Syntype, RMNH.AVES.88448, adult male, skin. Loc.: Loeboe [= Lubuk] Gedang, Padang, W. Sumatra, [Indonesia], 18.ii.1885. Leg.: C. Klaesi.

Syntype, RMNH.AVES.88449, adult female, skin. Loc.: Loeboe [= Lubuk] Gedang, Padang, W. Sumatra, [Indonesia], 18.ii.1885. Leg.: C. Klaesi.

***Chaetura ernsti*** M. Bartels jr., 1931: 54 = *Hirundapus cochinchinensis* (Oustalet, 1878).

Holotype, RMNH.AVES.63745, adult male, skin. Loc.: Mt. Halimun, W. Java, [Indonesia], 27.xi.1925. Leg.: E. Bartels. Ex: Bartels, 01.vi.1954.

Peters (1940) listed *H. ernsti* as a full species, but noted that it is possibly a race of *H. giganteus* (Temminck, 1825). Howard and Moore (1980) followed this suggestion. Wolters (1976) considered *H. ernsti* conspecific with *H. cochinchinensis* (Oustalet, 1878).

***Cypselus giganteus*** "van Hasselt" Temminck, 1825: livr. 61, pl. 364 = *Hirundapus giganteus giganteus* (Temminck, 1825).

Holotype, RMNH.AVES.88452, adult, sex unknown, relaxed mount. Loc.: Bantam, Java, [Indonesia, 1820-1823]. Leg.: J.C. van Hasselt.

Holotype by monotypy. Van Hasselt visited Java from 1820-1823.

***Acanthylis coracina*** "Müller" Boie, 1844: 167 = *Rhaphidura leucopygialis* (Blyth, 1849).

Syntype, RMNH.AVES.186755, adult female, relaxed mount. Loc.: Sumatra, [Indonesia], 1834. Leg. S. Müller.

Usually referred to as *A. coracinus* Bonaparte, 1850. However, the first valid description was given in a letter of Müller, which was published in the *Isis von Oken* (1844) by F. Boie. The description by Müller predates that of Blyth.

Boie (1844) referred only to specimens from Sumatra, excluding RMNH.AVES.88427 from the type series, listed by Van den Hoek Ostende *et al.* (1997: 169) as syntype, who overlooked RMNH.AVES.186755, the only specimen in the RMNH from Sumatra collected by Müller.

Müller visited West Sumatra from June 1833 till late 1835.

***Cypselus collaris*** Temminck, 1823: livr. 33, pl. 195 = *Streptoprocne zonaris zonaris* (Shaw, 1796).

Van den Hoek Ostende *et al.* (1997: 172) listed two syntypes (RMNH.AVES.88455-88456) for *C. collaris* Temminck, 1823. However, this name was based on the description of *Hirundo collaris* Wied, (1820: 73): the RMNH specimens are therefore not part of the type series. See also Schifter (1992) and Schifter *et al.* (2007: 212) who

erroneously dated the first publication by Wied from 1831. According to Greenway (1978: 157) the holotype is in the AMNH (AMNH 5865).

***Cypselus alpinus africanus*** Temminck, 1815b: 270 = *Tachymarptis melba africanus* (Temminck, 1815).

Syntype, RMNH.AVES.88422, adult, sex unknown, relaxed mount. Loc.: Cap, South Africa. Leg.: -.

***Cypselus alpinus*** Temminck, 1815b: 270 = *Tachymarptis melba melba* (Linnaeus, 1758).

Syntype, RMNH.AVES.88423, adult, sex unknown, relaxed mount. Loc.: Europe. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.88424, adult female, relaxed mount. Loc.: Switzerland. Ex: Cabinet Temminck.

***Collocalia Coquerelii*** Schlegel and Pollen, 1868: 65 = *Zoonavena grandidieri grandidieri* (Verreaux, 1867).

Lectotype, RMNH.AVES.88457, adult male, skin. Loc.: North-east Madagascar, 21.x.1865. Leg.: F.P.L. Pollen and D.C. van Dam.

Schlegel and Pollen gave no indication of the number of specimens available to them. The listing in Van den Hoek Ostende *et al.* (1997: 172) as holotype was in error, but constituted a lectotype designation.

## Trochilidae

***Aglaeactis aliciae*** Salvin, 1896: 24 = *Aglaeactis aliciae* Salvin, 1896.

Syntype, RMNH.AVES.90957 (formerly 4873), adult male, skin. Loc.: Suecha [= Succha], N Peru, 10500 ft., 17.ii.1895. Leg.: O.T. Baron. Ex: Schlüter.

Syntype, RMNH.AVES.90958 (formerly 4680), adult female, skin. Loc.: Suecha [= Succha], N Peru, 10000 ft., 21.ii.1895. Leg.: O.T. Baron. Ex: H. van Zanden.

Syntype, RMNH.AVES.90959 (formerly 4680), adult male, skin. Loc.: Suecha [= Succha], N Peru, 10500 ft., 22.ii.1895. Leg.: O.T. Baron. Ex: H. van Zanden.

Syntype, RMNH.AVES.90960 (formerly 4680), adult male, skin. Loc.: Suecha [= Succha], N Peru, 10500 ft., 16.iii.1895. Leg.: O.T. Baron. Ex: H. van Zanden.

Syntype, RMNH.AVES.90961 (formerly 4680), adult male, skin. Loc.: Suecha [= Succha], N Peru, 10600 ft., 16.iii.1895. Leg.: O.T. Baron. Ex: H. van Zanden.

Syntype, RMNH.AVES.90962 (formerly 4897), adult male, skin. Loc.: Suecha [= Succha], N Peru, 10500 ft., 21.iii.1895. Leg.: O.T. Baron. Ex: H. van Zanden.

Other syntypes are in the NHM (Warren, 1966: 11). Salvin mentioned March as the collecting date but see Salvin (1895) and Baron (1897) for confirmation that specimens collected in February were also accessible to him and do belong to the type series.

***Uranomitra whitelyi*** Boucard, 1893: 8 = *Amazilia brevirostris brevirostris* (Lesson, 1829).

Syntype, RMNH.AVES.88459 (3131), adult female, skin. Loc.: Annai, Guyana, 14.vii.1890. Leg.: H. Whitely. Ex: W.F.H. Rosenberg, 28.ii.1914.

Other syntypes are in the MNHN (MNHN 1989-425, 1989-426 and MNHN 1989-427), in the NMNH (USNM 149526 and USNM 149530) and in the AMNH (AMNH 156266).

***Uranomitra Darneddei*** Simon, 1911: 129 = *Amazilia violiceps violiceps* (Gould, 1859).

Possible paralectotype, RMNH.AVES.148250 (formerly 4809).

Since the date of collecting is missing there is no unequivocal evidence that RMNH.AVES.148250 is part of the type series. Simon (1911) indicated that he had more than one specimen. Later he fixed a (lecto)type by noting “type de Puebla dans la collection E. Simon” (Simon, 1921: 325).

***Amazilia cupreicauda*** Salvin and Godman, 1884: 452 = *Amazilia viridigaster cupreicauda* Salvin and Godman, 1884.

Syntype, RMNH.AVES.88460 (formerly 3131), adult female, skin. Loc.: Roraima, Guyana, 12.xii.1881. Leg.: H. Whitely. Ex: W.F.H. Rosenberg, 28.ii.1914.

Syntype, RMNH.AVES.88461 (formerly 3131), adult male, skin. Loc.: Roraima, Guyana, 01.xi.1883. Leg.: H. Whitely. Ex: W.F.H. Rosenberg, 28.ii.1914.

***Trochilus scutatus*** "Natterer" Temminck, 1824: livr. 50, pl. 299, fig. 3 = *Augastes scutatus scutatus* (Temminck, 1824).

According to the original description, syntypes are in the MNHN and NMW which is confirmed by Jouanin (1950: 25, no number given) and Schifter *et al.* (2007: 232-233; NMW 2255).

***Trochilus Langsdorffi*** Temminck, 1821: livr. 11, pl. 66 = *Discosura langsdorffi langsdorffi* (Temminck, 1821).

According to the original description the depicted specimen was in the collection of Langsdorff and another in the collection of Leadbeater.

***Eriocnemis catharina*** Salvin, 1897: xxx = *Eriocnemis luciani catharina* Salvin, 1897.

Syntype, RMNH.AVES.90956 (formerly 5175), adult male, skin. Loc.: Leimebamba, E Peru, 10000 ft., 14.vii.1894. Leg.: O.T. Baron. Ex: H.van Zanden, 14.iv.1923.

According to Warren (1966: 53) at least one syntype is in the NHM (BMNH 1912.7.1.414). Warren erroneously spelled this name as *catherina*.

***Trochilus bilophus*** Temminck, 1820: livr. 3, pl. 18, fig. 3.

***Trochilus cornutus*** Wied, 1821: 190 = *Heliactin bilophus* (Temminck, 1820).

Holotype for *bilophus*, syntype for *cornutus*, RMNH.AVES.88462, adult male, relaxed mount. Loc.: [Campos Gerais], Brazil, [spring 1816]. Leg.: A.P.M. zu Wied-Neuwied.

Temminck's plate of October 1820 has priority over Wied's (1821) description of *T. cornutus* which name was commonly used in the 20th century based on Simon (1921) who erroneously dated Temminck's publication as 1824.



Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on the plate as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for *T. bilophus* in any other type catalogue is erroneous. The following specimens have therefore no type status for *T. bilophus* Temminck: AMNH 6835 and 6836 (Greenway, 1978: 194) and specimens in the MNHN although they are syntypes for *T. cornutus* Wied.

***Trochilus squamosus*** Temminck, 1823: livr. 34, pl. 203, fig. 1 = *Helimaster squamosus* (Temminck, 1823).

Syntype, RMNH.AVES.88463, immature male, relaxed mount. Loc.: Brazil. Leg.: -.

Schifter *et al.* (2007: 233-234) listed 18 syntypes collected by Natterer in the NMW (NMW 2352 - 2369, NMW 19787 and 19788).

***Trochilus mesoleucus*** Temminck, 1824, livr. 53, pl. 317, fig. 1, 2, 3 = *Helimaster squamosus* (Temminck, 1823).

According to Temminck three syntypes are in the MNHN.

***Leucippus Baeri*** Simon, 1901: 202 = *Leucippus baeri* Simon, 1901.

Syntype, RMNH.AVES.258661 (4121), adult, sex unknown, skin. Loc.: Gran Tumbes [= Grau de Tumbes], Peru. Leg.: G.A. Baer. Ex: C. Fritsche, 16.iv.1917.

This is one of two syntypes. The whereabouts of the other type are unknown.

***Trochilus chalybeus*** Temminck, 1821: livr. 11, pl. 66, fig. 2 = *Lophornis chalybeus* (Temminck, 1821).

Vieillot (1823) is frequently given as author. However, Temminck’s plate of June 1821 has priority. The name is often incorrectly spelled as *chalybaeus*.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the holotype is the specimen illustrated in 1821 on plate 66 as the text which appeared on 30 August 1823 is irrelevant regarding type status. According to Temminck, the illustrated specimen is in the MNHN. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 174) or any other type catalogue is erroneous. The following specimens have therefore no type status: RMNH.AVES.88466 and 88467 (Van den Hoek Ostende *et al.* (1997: 174)).

***Trochilus squalidus*** Temminck, 1822: livr. 20, pl. 120, fig. 1 = *Phaethornis squalidus* (Temminck, 1822).

Possible holotype, RMNH.AVES.88465, adult male, relaxed mount. Loc.: Brazil. Leg.: J. Natterer.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have preliminary selected RMNH.AVES.88465 as holotype based on the plate as the text which appeared on 26 June 1824 is irrelevant regarding type status. According to Temminck, the illustrated specimen was collected by Natterer. As Schifter *et al.* (2007: 218) listed five “syntypes” in the NMW (NMW

2042 - 2046) collected by Natterer in Paor, Mattodentro and Ypanema, the illustrated specimen could also be one of these. RMNH.AVES.88464 listed in Van den Hoek Ostende *et al.* (1997: 173) as “syntype” has no type status.

## MUSOPHAGIFORMES

### Musophagidae

***Chizärhis leucogaster*** Rüppell, 1842: 127 = *Corythaixoides leucogaster* (Rüppell, 1842).

Paralectotype, RMNH.AVES.90932.

The lectotype was selected by Steinbacher (1949: 107) and is in the SMF (SMF 12615). According to F. Steinheimer (in litt., 17.xi.2003) RMNH.AVES.90932 is also part of the type series.

***Chizaerhis zonurus*** Rüppell, 1835: 9, pl. 4 = *Crinifer zonurus* (Rüppell, 1835).

Paralectotype, RMNH.AVES.90918.

The lectotype was designated by Steinbacher (1949: 107) and is in the SMF (SMF 12614). Paralectotypes are in SMF and NHM (Steinheimer, 2005a: 243).

***Musophaga paulina*** Temminck, 1820, livr. 4, pl. 23 = *Tauraco erythrolophus* (Vieillot, 1819).

The holotype (by monotypy) is in the MNHN.

***Corythaix leucotis*** Rüppell, 1835: 8, pl. 3 = *Tauraco leucotis leucotis* (Rüppell, 1835).

Paralectotype, RMNH.AVES.90933.

The lectotype was selected by Steinbacher (1949: 107) and is in the SMF (SMF 12617). According to F. Steinheimer (in litt., 17.xi.2003), RMNH.AVES.90933 does also belong to the type series.

***Musophaga Verreauxii*** Schlegel, 1854: 462 = *Tauraco macrorhynchus verreauxii* (Schlegel, 1854).

Syntype, RMNH.AVES.212778, adult male, mounted skin. Loc.: Gabon. Ex: Verreaux, 1858.

Schlegel (1854: 462) gave this name to specimens from the Gaboon River to clarify confusion about the identification of *M. Persa* (Linn.) by Verreaux and Verreaux (1851: 257).

***Corythaix schalowi*** Reichenow, 1891: 148.

***Turacus schalowi* var. *marungensis*** Reichenow, 1902: 52 = *Tauraco schalowi* (Reichenow, 1891).

Syntype, RMNH.AVES.90765, adult female, skin. Loc.: Marungu, Lufuku River, Central German Africa, [Congo-Kinshasa], 21.vii.1883 Leg.: R.J.C. Böhm. Ex: [MfN], A. Reichenow, 1886.

***Turacus emini*** Reichenow, 1893: 30 = *Tauraco schuettii emini* Reichenow, 1893.

Syntype, RMNH.AVES.88140, adult female, skin. Loc.: Vundekakare, Central Africa, 24.xii.1891. Leg.: L.J.C. Emin. Ex: MfN, 1893.

***Turacus finschi*** Reichenow, 1899: 190 = *Tauraco schuettii emini* Reichenow, 1893.

Holotype, RMNH.AVES.88141, adult male, skin. Loc.: Ndoruma, Niamniamland, Central Africa, [South Sudan], 01.ix.1883. Leg.: Bohndorff. Ex: W. Schlüter, 1884.

Holotype by monotypy.

## OTIDIFORMES

### Otididae

***Otis caerulescens*** Vieillot, 1821: 334 = *Eupodotis caerulescens* (Vieillot, 1821).

Holotype, RMNH.AVES.223279, adult male, mounted skin. Loc.: South Africa. Leg.: F. Levaillant.

Vieillot based his name on the description in Levaillant's *Voyage* (1790: 226). Levaillant wrote that his dogs caught a bustard, later listed by Temminck (1807: 161) under no. 225, *Otis Coerulescens* Pays des Caffres, which is a *nomen nudum*.

***Otis scolopacea*** Temminck, 1836: livr. 97, pl. 576 = *Eupodotis vigorsii vigorsii* (Smith, 1831).

Syntype, RMNH.AVES.87486, adult male, mounted skin. Loc.: Cap, South Africa [1827-1832]. Leg.: J. Smuts.

Syntype, RMNH.AVES.87487, adult female, mounted skin. Loc.: Cap, South Africa. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87488, adult female, mounted skin. Loc.: Cap, South Africa. Leg.: H.B. van Horstok.

The year of publication of livraison 97, usually given as 1835 following Sherborn (1898: 488), has been corrected to 1836 by Mees (1994: 51) and confirmed by Dickinson (2001: 45). According to the original description a female is in the MNHN. It is, however, not listed in Voisin and Voisin (2015).

***Otis melanogaster*** Rüppell, 1835: 16, pl. 7 = *Lissotis melanogaster melanogaster* (Rüppell, 1835).

According to the correspondence in the RMNH archives (letter by Rüppell to Temminck dated 15.x.1837) the RMNH must have received one (type) specimen of this newly described taxon. Since there is no specimen in the collection which fits as type it must be considered lost. For more information see Steinheimer (2005a: 239).

***Otis Ludwigii*** Rüppell 1837c: 223 = *Neotis ludwigii* (Rüppell 1837).

In his description of *Otis scolopacea*, Temminck (1836) referred to a specimen collected by Ecklon which he identified as *O. Denhamii* (Pl. Col. 97). Rüppell (1837) included this taxon in his description of *O. ludwigii*, thus adding the Ecklon specimen to the type series of *ludwigii*. However, this specimen is no longer in the RMNH.

## CUCULIFORMES

### Cuculidae

***Cacomantis aeruginosus*** Salvadori, 1878b: 456 = *Cacomantis aeruginosus aeruginosus* Salvadori, 1878.

Syntype, RMNH.AVES.214221, adult male, relaxed mount. Loc.: Ambon, [Indonesia], 7.i.1867. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.214223, adult female, relaxed mount. Loc.: Ambon, [Indonesia], 6.iii.1867. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.214225, immature female, relaxed mount. Loc.: Ambon, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.214231, adult, sex unknown, skin. Loc.: Wahaai, Ceram, [Indonesia]. Leg.: Moens, 1862.

The remaining syntypes are in the MSNG.

***Cacomantis arfakianus*** Salvadori, 1889: 177 = *Cacomantis castaneiventris* (Gould, 1867).

Syntype, RMNH.AVES.88142, adult male, relaxed mount. Loc.: Kalwal, Salawatti, [Indonesia], 06.iii.1865. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88143, adult male, relaxed mount. Loc.: Kalwal, Salawatti, [Indonesia], 28.iii.1865. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88144, adult male, relaxed mount. Loc.: Waigama, Misool, [Indonesia], 18.vii.1867. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.88145, adult male, relaxed mount. Loc.: Aru Isl., [Indonesia]. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88146, adult male, relaxed mount. Loc.: Aru Isl., [Indonesia]. Leg.: C.B.H. von Rosenberg.

***Cuculus leucolophus*** Müller, 1840: 22 = *Cacomantis leucolophus* (Müller, 1840).

Syntype, RMNH.AVES.88157, adult male, relaxed mount. Loc.: Lobo Bay [Papua, Indonesia], [vii-viii] 1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88158, adult male, relaxed mount. Loc.: Lobo Bay [Papua, Indonesia], [vii-viii] 1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88159, adult female, relaxed mount. Loc.: Lobo Bay [Papua, Indonesia], [vii-viii] 1828. Leg.: S. Müller.

***Cuculus lanceolatus*** Müller, 1843: 178 = *Cacomantis merulinus lanceolatus* (Müller, 1843).

Syntype, RMNH.AVES.88147, adult male, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.

Syntype, RMNH.AVES.88148, adult male, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.

Syntype, RMNH.AVES.88149, adult female, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.

Syntype, RMNH.AVES.88150, immature, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.

Syntype, RMNH.AVES.88151, immature, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.  
 Syntype, RMNH.AVES.88152, immature, relaxed mount. Loc.: Java, [Indonesia], 1826. Leg.: H. Boie.

***Cuculus poliogaster* Müller, 1845: 236 = *Cacomantis pallidus* (Latham, 1801).**

Lectotype, RMNH.AVES.88204, immature, relaxed mount. Loc.: Ternate, [Indonesia], [19.vi-ix] 1841.  
 Leg.: E.A. Forsten.

Müller gave no indication of the number of specimens. Van den Hoek Ostende *et al.* (1997: 143) erroneously listed RMNH.AVES.88204 as holotype and overlooked the lectotype designation by Schlegel (1864b: 22).

Forsten was forced to stay on Ternate due to illness from 19 June 1841 - mid September 1841.

***Cuculus sepulcralis* Müller, 1843: 177 = *Cacomantis sepulcralis sepulcralis* (Müller, 1843).**

Syntype, RMNH.AVES.88154, adult male, relaxed mount. Loc.: West Java, [Indonesia], 1827. Leg.: S. Müller.

Syntype, RMNH.AVES.88155, immature female, relaxed mount. Loc.: West Java, [Indonesia], 1827. Leg.: S. Müller.

Syntype, RMNH.AVES.213998, adult male, relaxed mount. Loc.: Java, [Indonesia], 1827. Leg.: S. Müller.

Syntype, RMNH.AVES.214000, adult female, relaxed mount. Loc.: Djassinga [= Jasinga?], Java, [Indonesia], xi.1827. Leg.: S. Müller.

Syntype, RMNH.AVES.214008, adult male, relaxed mount. Loc.: Java, [Indonesia], 1827. Leg.: S. Müller.

Müller described this species as originating from Java and Sumatra and Schlegel (1864b) listed a specimen collected by Müller in Sumatra. This specimen is no longer in the RMNH.

***Cuculus fasciolatus* Müller, 1843: 177.**

***Penthoceryx sonneratii schlegeli* Junge, 1948: 322 = *Cacomantis sonneratii fasciolatus* (Müller, 1843).**

Syntype for *fasciolatus*, holotype for *schlegeli*, RMNH.AVES.88244, immature male, relaxed mount. Loc.: Padang, Sumatra, [Indonesia], [1833-1835]. Leg.: S. Müller, 1834.

Syntype for *fasciolatus*, RMNH.AVES.88242, adult male, relaxed mount. Loc.: West Java, [Indonesia]. Leg.: S. Müller, 1826 (= *Cacomantis sonneratii musicus* (Ljungh, 1804)).

Syntype for *fasciolatus*, RMNH.AVES.88243, adult female, relaxed mount. Loc.: West Java, [Indonesia]. Leg.: S. Müller, 1826 (= *Cacomantis sonneratii musicus* (Ljungh, 1804)).

The type series also includes specimens from Java, which are *Cacomantis sonneratii musicus* (Ljungh, 1804). Robinson and Kloss (1923: 336, 359) restricted the type locality to Sumatra. However, Junge (1948: 322) pointed out that by only listing the Javan specimens as types for *C. fasciolatus*, Schlegel (1864b: 24) already restricted the type locality to Java, making *C. fasciolatus* a synonym of *musicus*. According to Junge this made it necessary to propose a new name for the Sumatran form which he named *schlegeli*. Following the IOC use of the name *C. fasciolatus* Müller to birds from Sumatra, Borneo and Palawan, RMNH.AVES.88244 needs to be selected as lectotype to fix *C. fasciolatus* Müller to Sumatra.

Müller visited Sumatra between 1833 and 1835.

***Cuculus tymbonomus*** Müller, 1843: 177 = *Cacomantis variolosus tymbonomus* (Müller, 1843).

Holotype, RMNH.AVES.88156, adult male, relaxed mount. Loc.: Timor, [Indonesia], 1829. Leg.: S. Müller.

Holotype by monotypy: Müller collected a single male.

***Cuculus dumetorum*** Gould, 1845b: text to plate 87 = *Cacomantis variolosus variolosus* (Vigors and Horsfield, 1827).

Possible paralectotype, RMNH.AVES.214284.

Stone (1913: 152) designated the lectotype in the ANSP (ANSP 20028). Fisher and Calaby (2009: 130) listed RMNH.AVES.214284 as a probable type.

***Calobates radiceus*** Temminck, 1832: livr. 91, pl. 538 = *Carpococcyx radiceus* (Temminck, 1832).

Holotype, RMNH.AVES.88160, adult female, mounted skin. Loc.: Pontianak, West Borneo, [Indonesia]. Leg.: P.M. Diard.

Holotype by monotypy. Temminck wrote that this species is known from a single female.

The name *C. radiceus* is considered a *lapsus* for *radiatus* (Collar and Long, 1996).

***Centropus medius*** "Müller" Bonaparte, 1850a: 108 = *Centropus bengalensis medius* Bonaparte, 1850.

Syntype, RMNH.AVES.88161, adult male, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], ix.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88162, adult female, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], ix.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88163, adult female, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], ix.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88164, adult female, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], 1842. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.217824, adult female, mounted skin. Loc.: Tjikao, Java, [Indonesia], ii.1827. Leg.: H. Boie (= *Centropus bengalensis javanensis* (Dumont, 1818)).

Syntype, RMNH.AVES.217832, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia], [1818-1826]. Leg.: Blume, 1828. (= *Centropus bengalensis javanensis* (Dumont, 1818)).

Syntype, RMNH.AVES.217834, sex unknown, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: Kuhl and van Hasselt. (= *Centropus bengalensis javanensis* (Dumont, 1818)).

Syntype, RMNH.AVES.217836, sex unknown, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: Kuhl and van Hasselt. (= *Centropus bengalensis javanensis* (Dumont, 1818)).

Syntype, RMNH.AVES.217842, immature, sex unknown, mounted skin. Loc.: Tjikao, Java, [Indonesia], 19.iii.1827. Leg.: H. Boie (= *Centropus bengalensis javanensis* (Dumont, 1818)).



According to Bonaparte this species originated from Ambon and Java, a fact overlooked by Van den Hoek Ostende *et al.* (1997: 139). The specimens from Java belong to the subspecies *C. b. javanensis*. Following the IOC use of the name *medius* Bonaparte for birds from the Moluccas, a lectotype needs to be selected to fix this name to birds from the Moluccas.

Kuhl and Van Hasselt visited Java from December 1820 - September 1821. Blume stayed in Java from 1818 until 1826.

***Centropus bengalensis philippinensis*** Mees, 1971a: 190 = *Centropus bengalensis philippinensis* Mees, 1971.

Holotype, RMNH.AVES.88165, adult female, skin. Loc.: Calapan, Mindoro, Philippines, 28.v.1888. Leg.: E.L. Moseley, Steere Expedition, 1890. Paratype, RMNH.AVES.88166.

There are also eight paratypes in the UZMC.

The year of collecting given on the original labels is 1887, but should be 1888 (G.F. Mees, in litt.).

***Centropus Bernsteini*** Schlegel, 1866c: 251 = *Centropus bernsteini* Schlegel, 1866.

Holotype, RMNH.AVES.88167, adult female, skin. Loc.: Sailolo, Salawati, [Indonesia], 28.ii.1865. Leg.: H.A. Bernstein.

Holotype by monotypy. Schlegel wrote he had only seen a female. Salawati is probably incorrect (Hartert, 1932).

***Centropus celebensis*** Quoy and Gaimard, 1832: 230 = *Centropus celebensis celebensis* Quoy and Gaimard, 1832.

Paralectotypes, RMNH.AVES.88168-88169.

The lectotype was selected by Voisin and Voisin (1999: 390) and is in the MNHN (MNHN 1997-1193). For the publication dates of the *Voyage de découvertes de l'Astrolabe*, see Mlíkovský (2012a).

***Centropus goliath*** Bonaparte, 1850a: 108 = *Centropus goliath* Bonaparte, 1850.

Syntype, RMNH.AVES.88173, adult male, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88174, adult female, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.95985, adult female, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.95986, adult, sex unknown, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.217263, adult female, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.217268, adult male, mounted skin. Loc.: Halmahera, [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.217269, adult male, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [19.vi.-ix.1841]. Leg.: E.A. Forsten.

Van den Hoek Ostende *et al.* (1997: 140) only listed RMNH.AVES.88173 and 88174 as types. However, there are more specimens from Forsten collected on Halmahera which qualify as types.

During a forced stay on Ternate from 19 June 1841 - mid September 1841 due to illness, Forsten sent his hunters to Halmahera to collect skins.

***Centropus francisci*** Bonaparte, 1850a: 107 = *Centropus leucogaster leucogaster* (Leach, 1814).

Syntype, RMNH.AVES.88175, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88176, adult female, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

***Centropus monachus*** Rüppell, 1837a: 57, pl. 21, fig. 2. = *Centropus monachus monachus* Rüppell, 1837.

Paralectotypes, RMNH.AVES.90915-90917.

The lectotype was designated by Steinbacher (1949: 107) and is in the SMF (SMF 12612). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 243).

***Polophilus Gigas*** Stephens, 1815: 45.

***Corydonix giganteus*** Vieillot, 1819c: 295 = *Centropus phasianinus phasianinus* (Latham, 1801).

Holotype, RMNH.AVES.88177, immature, relaxed mount. Loc.: Australia. Ex: Cabinet Temminck.

Both Stephens and Vieillot based their description on a plate by Levaillant. Levaillant (1806-1807: 87) based his *Coucal Géant* on a specimen in the cabinet of Temminck and also referred to a specimen from the Baudin Expedition in the MNHN. According to Jansen (2018: 288), RMNH.AVES.88177 was collected during the Baudin Expedition. Voisin and Voisin (1999) did not list a type in the MNHN.

***Centropus epomidis*** Bonaparte, 1850a: 107 = *Centropus senegalensis senegalensis* (Linnaeus, 1766).

Syntype, RMNH.AVES.88170, immature male, mounted skin. Loc.: Sacconde, Côte d'Or [= Sekondi-Takoradi, Ghana], 11.x.1846. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88171, immature male, mounted skin. Loc.: Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88172, adult female (dark morph), mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.218216, adult female, mounted skin. Loc.: Sacconde, Côte d'Or [= Sekondi-Takoradi, Ghana], 20.iii.1841. Leg.: H.S. Pel.

***Centropus kangeangensis*** Vorderman, 1893: 190 = *Centropus sinensis kangeangensis* Vorderman, 1893.

Syntype, RMNH.AVES.88178, adult, sex unknown, skin. Loc.: Ardjaso [=Arjasa], Kangean, [Indonesia], v.1892. Leg.: A.G. Vorderman, 1896.

Vorderman mentioned that he collected two specimens of this taxon together with three specimens of *C. sinensis sinensis* Stephens, 1815. The RMNH now possesses three specimens of *C. sinensis kangeangensis* collected by Vorderman. One of these is the type given here, the other two were originally identified as *C. s. sinensis*. The whereabouts of the other syntype is unknown.

***Centropus madagascariensis*** Schlegel, 1864b: 65 = *Centropus toulou toulou* (P.L.S. Müller, 1776).

Holotype, RMNH.AVES.90983, immature male, mounted skin. Loc.: Madagascar. Ex: [Maison] Verreaux 1863.

Holotype by monotypy. Schlegel listed only RMNH.AVES.90983 with his description of *C. madagascariensis*.

***Centropus molkenboeri*** Bonaparte, 1850a: 108 = *Centropus viridis viridis* (Scopoli, 1786).

Lectotype, RMNH.AVES.88179, adult male, mounted skin. Loc.: Philippines. Leg.: -.

Bonaparte gave no indication of the number of specimens available to him. Schlegel (1864b: 65) designated the lectotype.

***Cuculus Klaas*** Stephens, 1815: 128.

***Cuculus klaasii*** Vieillot, 1817b: 230 = *Chrysococcyx klaas* (Stephens, 1815).

Lectotype, RMNH.AVES.88198, adult male, relaxed mount. Loc.: South Africa. Ex: Cabinet Temminck.

Both Stephens and Vieillot based their description on Levaillant's *Le Coucou de Klaas* (1806-1807: 53, pl. 212). Levaillant based his description on a specimen in his own collection and a specimen in the MNHN from Senegal, not listed in Voisin and Voisin (1999). As the description by Levaillant is based on two specimens, Van den Hoek Ostende *et al.* (1997: 143) were in error by listing RMNH.AVES.88198 as holotype for both names. However, this constituted a lectotype designation.

***Cuculus chalcites*** "Illiger" Temminck, 1821: livr. 17, pl. 102, fig. 2 = *Chrysococcyx lucidus plagosus* (Latham, 1801).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under "what is new in this 2022 version": 14) the specimen illustrated as figure 2 on plate 102 is the holotype. Temminck indicated that it was in the RMNH where no specimen that matches the plate could be found. Other specimens listed by Temminck which could include the holotype are in the MNHN and MfN, although Voisin and Voisin (1999) did not list any types in Paris. In 1823, a bird was sent to the NMW (NMW 1823.LXXXVIII.78) and one was received in exchange by the MfN in July 1818.

***Cuculus neglectus*** Schlegel, 1864b: 35 = *Chrysococcyx minutillus aheneus* (Junge, 1938).

Holotype, RMNH.AVES.88180, adult, sex unknown, relaxed mount. Loc.: South Borneo, [Indonesia], [28.vii-17.xii.] 1836. Leg.: S. Müller.

Holotype by monotypy. Müller visited Borneo from 28 July 1836 - 17 December 1836.

***Chalcites malayanus aheneus*** Junge, 1938: 238 = *Chrysococcyx minutillus aheneus* (Junge, 1938).

Holotype, RMNH.AVES.88187, adult male, relaxed mount. Loc.: Banjermassing, S. Borneo, [Indonesia], viii.1844. Leg.: C.A.L.M. Schwaner.  
Paratypes, RMNH.AVES.88187-88190.

***Chalcites malayanus albifrons*** Junge, 1938: 237 = *Chrysococcyx minutillus albifrons* (Junge, 1938).

Holotype, RMNH.AVES.88191 (1371), adult male, skin. Loc.: Batavia [= Jakarta], Java, [Indonesia], 14.x.1908. Leg.: E.R. Jacobson.  
Paratypes, RMNH.AVES.88192-88196.

***Lamprococcyx crassirostris*** Salvadori, 1878b: 456 = *Chrysococcyx minutillus crassirostris* (Salvadori, 1878).

Syntype, RMNH.AVES.88181, adult male, relaxed mount. Loc.: Amboine [= Ambon], [Indonesia], [29.iii-20.iv] 1828. Leg.: S. Müller.  
Syntype, RMNH.AVES.88182, adult female, relaxed mount. Loc.: Sorong, [Papua, Indonesia], 1864. Leg.: H.A. Bernstein.  
Syntype, RMNH.AVES.88183, adult female, relaxed mount. Loc.: Sorong, [Papua, Indonesia], 1865. Leg.: H.A. Bernstein.  
Syntype, RMNH.AVES.88184, immature, sex unknown, relaxed mount. Loc.: Ternate, [Indonesia], 1872. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88185, adult male, relaxed mount. Loc.: Halmahera, [Indonesia], 17.vi.1876. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88186, immature female, relaxed mount. Loc.: Little Key, [Indonesia]. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.214807, immature female, relaxed mount. Loc.: Goram [= Gorong], [Indonesia]. Leg.: C.B.H. von Rosenberg.

Salvadori (1878b: 460) inspected seven specimens in the RMNH. Van den Hoek Ostende *et al.* (1997: 141) overlooked RMNH.AVES.214807. The remaining syntypes are in the MSNG.

Müller visited Ambon between 29 March - 20 April 1828.

***Chalcites malayanus jungei*** Stresemann, 1938: 148 = *Chrysococcyx minutillus jungei* (Stresemann, 1938).

Paratype, RMNH.AVES.8755.

The holotype is in the AMNH.

***Chalcococcyx innominatus*** Finsch, 1900: 94 = *Chrysococcyx minutillus rufomerus* Hartert, 1900.

Holotype, RMNH.AVES.88197, adult male, skin. Loc.: Kisar Island, [Indonesia], 28.vi.1866. Leg.: D.S. Hoedt, 1896.

Holotype by monotypy. Finsch described *C. innominatus* based on a single male.

***Cuculus edolio*** Temminck, 1807: 60 = *Clamator jacobinus* subspp. (Boddaert, 1783).

Possible syntype, RMNH.AVES.212934, adult (light morph), sex unknown, mounted skin. Loc.: Cap, [South Africa]. Leg.: “Horstok”. (= *Clamator jacobinus serratus* (Sparrman, 1786).

Temminck based his description on a male and female in his own collection.

Temminck referred to Levaillant’s (1806, vol. 5, pl. 207 and 208) “Le Coucou Edolio d’Afrique”. Plate 208 shows, unmistakably, a light morph *Clamator jacobinus*, not *C. levaillantii* (Swainson, 1829) as stated by Rookmaker (1989: 204). Temminck also included *Cuculus Melanoleucos* (Gmelin, 1788: 416) from the Coromandel, viz. India, in the synonymy, which refers to *C. j. jacobinus* (Boddaert, 1783).

Horstok is not mentioned under the stand in Temminck’s handwriting but was added later to the label and should be considered an error as he was not in South Africa as early as 1807.

***Coccyzus lansbergi*** Bonaparte, 1850a: 112 = *Coccyzus lansbergi* Bonaparte, 1850.

Syntype, RMNH.AVES.88200, adult male, relaxed mount. Loc.: Santa Fé de Bogota, Nouvelle Grenade [= Colombia]. Leg.: R.F. van Lansberge.

Syntype, RMNH.AVES.88201, adult female, relaxed mount. Loc.: Santa Fé de Bogota, Nouvelle Grenade [= Colombia]. Leg.: R.F. van Lansberge.

***Coccyzus Delalandei*** Temminck, 1827: livr. 74, pl. 440 = *Coua delalandei* (Temminck, 1827).

The holotype is in the MNHN (Voisin and Voisin, 1999: 388; MNHN 1997-1190).

***Cuculus lepidus*** Müller, 1845: 236 = *Cuculus lepidus* Müller, 1845.

Holotype, RMNH.AVES.88205, immature female, relaxed mount. Loc.: [Lelogama], Timor, [Indonesia], [7-9.x] 1829. Leg.: S. Müller.

Holotype by monotypy. Müller collected a single specimen during his stay in the area of Lelogama from 7-9 October 1829 (Müller, 1843: 233). Müller identified it as an adult female but it is immature.

***Cuculus tenuirostris*** Müller, 1845: 235 = *Cuculus lepidus* Müller, 1845.

Syntype, RMNH.AVES.88207, adult female, relaxed mount. Loc.: Java, [Indonesia]. Leg.: S. Müller, 1827.

Syntype, RMNH.AVES.88208, adult female, relaxed mount. Loc.: Java, [Indonesia]. Leg.: S. Müller, 1827.

Syntype, RMNH.AVES.88209, adult female, relaxed mount. Loc.: Java, [Indonesia]. Leg.: S. Müller, 1827.

Syntype, RMNH.AVES.88210, adult male, relaxed mount. Loc.: Sumatra, [Indonesia], [vi.1833 - 1835]. Leg.: S. Müller.

Birds arrived in the NMW in 1821 (1821.LXXIII.50), 1823 (1823.LXXXVIII.77) and April 1830 (1830.VII.36, 37). Two arrived in the MfN in December 1823. Müller visited West Sumatra from June 1833 until late 1835.

***Cuculus canoroïdes* Müller, 1845: 235 = *Cuculus lepidus* Müller, 1845.**

Lectotype, RMNH.AVES.88213, immature, relaxed mount. Loc.: Dusum [= Barito River], Borneo, [Indonesia], viii.1836. Leg.: S. Müller.

Paralectotypes, RMNH.AVES.88199, 88214-88216, 90951-90953.

Junge (1956b: 556) selected the lectotype. He erroneously gave "G[unung = Mt.] Doesoen, Poeloe Maja" as collecting locality. This specimen was collected, however, on the Dusun [= Barito] River (Müller, 1847b).

***Cuculus concretus* Müller, 1845: 236 = *Cuculus micropterus concretus* Müller, 1845.**

Syntype, RMNH.AVES.88202, adult male, relaxed mount. Loc.: South Borneo, [Indonesia], 1836. Leg.: S. Müller.

Syntype, RMNH.AVES.88203, adult male, relaxed mount. Loc.: South Borneo, [Indonesia], 1836. Leg.: S. Müller.

***Eudynamis melanorhynchus* Müller, 1843: 176 = *Eudynamys melanorhynchus* Müller, 1843.**

Syntype, RMNH.AVES.88218, adult male, relaxed mount. Loc.: Kema, Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88219, adult female, relaxed mount. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88220, immature male, relaxed mount. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88221, adult female, relaxed mount. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.

Forsten stayed in the Tondano area from 22 March 1840 - 19 June 1841.

***Eudynamis ransomi* Bonaparte, 1850a: 101.**

***Cuculus punctatus* var. *ceramensis* "Forsten" Bonaparte, 1850a: 101. = *Eudynamys orientalis orientalis* (Linnaeus, 1766).**

Syntype, RMNH.AVES.90971, adult male, relaxed mount. Loc.: Ceram, [Indonesia], 1842. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.90972, adult female, relaxed mount. Loc.: Ceram, [Indonesia], 1842. Leg.: E.A. Forsten.

Bonaparte published Forsten's manuscript name *C. ceramensis* in the synonymy of *E. ransomi*.

Forsten visited Seram late 1842.

***Eudynamis picatus* Müller, 1843: 176 = *Eudynamys orientalis picatus* Müller, 1843.**

Holotype, RMNH.AVES.88224, immature male, relaxed mount. Loc.: Amboina [= Ambon], [Indonesia], ix.1828. Leg.: S. Müller.

Holotype by monotypy. Müller based his description on a single male in moult.

***Eudynamis minima* van Oort, 1911b: 54 = *Eudynamys orientalis rufiventer* (Lesson, 1830).**



Syntype, RMNH.AVES.88222, adult male, skin. Loc.: Sabang, [Papua, Indonesia], 03.vii.1907. Leg.: Nieuw Guinea Expeditie 1907.

Syntype, RMNH.AVES.88223, adult male, skin. Loc.: Bivak Island, [Papua, Indonesia], 09.i.1910. Leg.: Dutch New Guinea Expedition 1909.

***Eudynamis scolopacea simalurensis*** Junge, 1936: 43 = *Eudynamys scolopaceus malayanus* Cabanis and Heine, 1863.

Holotype, RMNH.AVES.88225 (6651), adult female, skin. Loc.: Islet in Sibigo Bay, Simalur [= Simeulue], [Indonesia], 28.viii.1913. Leg.: E.R. Jacobson and W.C. van Heurn.

Paratypes, RMNH.AVES.88226-88239.

***Cuculus vagans*** Müller, 1845: 233 = *Hierococcyx vagans* (Müller, 1845).

Holotype, RMNH.AVES.88217, immature, relaxed mount. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Müller described this specimen as an adult male.

Kuhl and Van Hasselt visited Java from December 1820 - September 1821.

***Coccyzus Geoffroyi*** Temminck, 1820: livr. 2, pl. 7 = *Neomorphus geoffroyi geoffroyi* (Temminck, 1820).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen on plate 7 is the holotype as the text which was published on or before 25 June 1823, three years after the plate was published in September 1820, is irrelevant regarding type status. According to Temminck the depicted specimen was in the collection of Meiffren-Laugier de Chartrouse and may now be in the MNHN. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 145) or any other type catalogue is erroneous. RMNH.AVES.88240, listed in Van den Hoek Ostende *et al.* (1997: 145), has therefore no type status.

***Cuculus Audeberti*** Schlegel, 1879b: 99 = *Pachycoccyx audeberti audeberti* (Schlegel, 1879).

Holotype, RMNH.AVES.88241, adult female, skin. Loc.: Ambodikila, near Mananara, N.E. Madagascar, 10.vi.1878. Leg.: J.P. Audebert.

Holotype by monotypy. Schlegel referred to RMNH.AVES.88241 as the typical specimen.

***Cuculus curvirostris*** Shaw, 1810: text to pl. 905.

***Phaenicophæus tricolor*** Stephens, 1815: 61, pl. 14.

***Phaenicophaeus* [sic] *viridis*** Vieillot, 1817d: 462 = *Phaenicophaeus curvirostris curvirostris* (Shaw, 1810).

The above names are based on "Le malkoha rouverdin" by Levaillant (1806-1807: 92, pl. 225). Levaillant based his description on a specimen in Temminck's Cabinet (see Temminck, 1807: 59, 209), assuming the bird originated from Africa which it did not. No specimen in the RMNH fits as type.

***Phaenicophaeus viridirufus*** "Levaillant" Müller, 1845: 234.

***Phaenicophaeus erythrognathus*** Bonaparte, 1850a: 98 = *Phaenicophaeus curvirostris* subsp. (Shaw, 1810).

Syntype (*viridirufus* and *erythrognathus*), RMNH.AVES.88266, adult male, mounted skin. Loc.: Sumatra, [Indonesia], [1835-1838]. Leg.: L. Hörner (= *Phaenicophaeus curvirostris singularis* (Parrot, 1907)).

Syntype (*viridirufus* and *erythrognathus*), RMNH.AVES.88267, adult female, mounted skin. Loc.: Sumatra, [Indonesia], [1835-1838]. Leg.: L. Hörner (= *Phaenicophaeus curvirostris singularis* (Parrot, 1907)).

Syntype (*viridirufus* and *erythrognathus*), RMNH.AVES.216617, adult female, mounted skin. Loc.: Inderapura, Sumatra, [Indonesia], vii.1835. Leg.: S. Müller (= *Phaenicophaeus curvirostris singularis* (Parrot, 1907)).

Syntype (*viridirufus* and *erythrognathus*), RMNH.AVES.216618, adult female, mounted skin. Loc.: Bungus, Sumatra, [Indonesia], iii.1834. Leg.: S. Müller (= *Phaenicophaeus curvirostris singularis* (Parrot, 1907)).

Syntype (*viridirufus*), RMNH.AVES.90973, adult male, relaxed mount. Loc.: Java, [Indonesia], [vi-xii] 1826. Leg.: H. Boie (= *Phaenicophaeus curvirostris curvirostris* (Shaw, 1810)).

Syntype (*viridirufus*), RMNH.AVES.90974, adult female, relaxed mount. Loc.: Java, [Indonesia], [vi-xii] 1826. Leg.: H. Boie (= *Phaenicophaeus curvirostris curvirostris* (Shaw, 1810)).

Possible syntype (*viridirufus*), RMNH.AVES.216854, adult male, mounted skin. Loc.: South Borneo, [Indonesia], ii.1845. Leg.: C.A.L.M. Schwaner (= *Phaenicophaeus curvirostris microrhinus* von Berlepsch, 1895).

Possible syntype (*viridirufus*), RMNH.AVES.216856, adult male, mounted skin. Loc.: Martapoera, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner (= *Phaenicophaeus curvirostris microrhinus* von Berlepsch, 1895).

Possible syntype (*viridirufus*), RMNH.AVES.216858, adult male, relaxed mount. Loc.: Martapoera, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner (= *Phaenicophaeus curvirostris microrhinus* von Berlepsch, 1895).

Müller applied the name *P. viridirufus* to birds from Java, Sumatra and Borneo. Hence three subspecies of *Phaenicophaeus curvirostris* (Shaw, 1810) are involved: nominate *P. c. curvirostris* Shaw, 1810, from Java, *P. c. singularis* Parrot, 1907, from Sumatra and *P. c. microrhinus* von Berlepsch, 1895, from Borneo. Bonaparte applied the name *P. erythrognathus* to birds from Sumatra only.

RMNH.AVES 216854, 216856 and 216858 are listed here as possible syntypes because either the year of collecting is unknown or it is from the same year as publication by Müller, which raises the question whether they were available to him in time. They are, however, the only Bornean specimens in the RMNH collection which might fit as type.

***Phaenicophaeus elongatus*** Müller, 1836: 342, pl. IV, fig. 5 = *Phaenicophaeus tristis* (Lesson, 1830).

Syntype, RMNH.AVES.88268, adult male, mounted skin. Loc.: [Batang Singgalan], Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88269, adult female, mounted skin. Loc.: [Batang Singgalan], Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

The 1835 volume of the *Tijdschrift voor Natuurlijke Geschiedenis en Physiologie* 2: 315-355 was published in 1836 (see Richmond, 1926: 141).

Müller, who visited West Sumatra from June 1833 until late 1835, described how he collected an adult and a juvenile male.

***Piaya circe*** Bonaparte, 1850a: 110 = *Piaya cayana circe* Bonaparte, 1850.

Lectotype, RMNH.AVES.88259, adult male, mounted skin. Loc.: Caracas, Venezuela. Leg.: R.F. van Lansberge.

Schlegel (1864b: 58) designated the lectotype. See also Junge (1937b: 184).

***Piaya mehleri*** Bonaparte, 1850a: 110 = *Piaya cayana mehleri* Bonaparte, 1850.

Lectotype, RMNH.AVES.88260, immature, sex unknown, mounted skin. Loc.: Bogota, Colombia. Leg.: R.F. van Lansberge.

Schlegel (1864b: 57) designated the lectotype. See also Junge (1937b: 185).

***Cuculus melanogaster*** Vieillot, 1817b: 236 = *Piaya melanogaster* (Vieillot, 1817).

Lectotype, RMNH.AVES.88261, adult, sex unknown, relaxed mount. Loc.: "Java" [= error]. Ex: Cabinet Temminck.

Vieillot gave no indication of the number of specimens available to him. By listing RMNH.AVES.88261 as holotype, Van den Hoek Ostende *et al.* (1997: 147) designated it the lectotype.

The locality "Java" is erroneous. Schlegel (1864b: 59) proposed Guyana, Berlepsch and Hartert (1902) Cayenne as locality.

***Phaenicophæus calyorrhynchus*** Temminck, 1825: livr. 59, pl. 349 = *Rhamphococcyx calyorrhynchus calyorrhynchus* (Temminck, 1825).

Syntype, RMNH.AVES.88262, adult male, skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix-xii.1820]. Leg.: C.G.C. Reinwardt, 1821.

Syntype, RMNH.AVES.88263, adult female, skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix-xii.1820]. Leg.: C.G.C. Reinwardt, 1821.

A third syntype is in the MNHN (Voisin and Voisin, 1999: 383; MNHN C.G. 1997-1201) where it arrived in 1823. This is also the type species for the genus name *Rhamphococcyx*.

Reinwardt visited North Sulawesi between September - December 1820.

***Scythrops novaehollandiae fordii*** Mason and Forrester, 1996: 225 = *Scythrops novaehollandiae fordii* Mason and Forrester, 1996.

Paratype, RMNH.AVES.215637.

The holotype in the AMNH (AMNH 110974). RMNH.AVES.215676 (cat. no 37, paratype, adult female from Boni, South Sulawesi, collected by Rookmaker on 28.x.1912) was exchanged with and sent to CSIRO in 1995.

***Scythrops novaehollandiae schoddei*** Mason and Forrester, 1996: 226 = *Scythrops novaehollandiae schoddei* Mason and Forrester, 1996.

Paratype, RMNH.AVES.215669.

The holotype is in the AMNH (AMNH 628996).

***Pseudornis Dicruroides*** Hodgson, 1839: 136 = *Surniculus dicruroides dicruroides* (Hodgson, 1839).

Possible paralectotype, RMNH.AVES.214848.

Hodgson (1839: 136) wrote having sent this form to London although he did not specify the number of specimens. According to the range in measurements and referring to “sexes alike”, more specimens were involved. It is not clear how and when the RMNH acquired its specimen, so we list it here as “possible”. Warren (1966: 81) erroneously listed a specimen in the NHM (NHM 1843.11.13.1008) as holotype, thereby designating it the lectotype.

## PTEROCLIFORMES

### Pteroclididae

***Pterocles setarius*** Temminck, 1815a: 256. = *Pterocles alchata alchata* (Linnaeus, 1766).

Temminck based this name on specimens in his own cabinet. The RMNH collection holds several mounted specimens which could be syntype but due to insufficient data can not be linked with certainty to Temminck’s cabinet.

***Pterocles bicinctus*** Temminck, 1815a: 247 = *Pterocles bicinctus bicinctus* Temminck, 1815.

Syntype, RMNH.AVES.87613, adult male, mounted skin. Loc.: “Groote Vischrivier”, Namibia. Leg.: F. Levaillant.

Syntype, RMNH.AVES.87614, adult female, mounted skin. Loc.: “Groote Vischrivier”, Namibia. Leg.: F. Levaillant.

***Pterocles coronatus*** Lichtenstein, 1823: 65 = *Pterocles coronatus coronatus* Lichtenstein, 1823.

Syntype, RMNH.AVES.90767, adult male, mounted skin. Loc.: Nubie [= Sudan]. Leg.: W.F. Hemprich and C.G. Ehrenberg.

Syntype, RMNH.AVES.90768, adult female, mounted skin. Loc.: Nubie [= Sudan]. Leg.: W.F. Hemprich and C.G. Ehrenberg.

Three syntypes collected by Hemprich and Ehrenberg in Nubie are in the MfN (ZMB 11428 - 11439). Schifter *et al.* (2007: 143) listed two syntypes in the NMW (NMW 572 and 573).

***Pterocles exustus*** Temminck, 1825, livr. 60, pl. 354 (male) and livr. 61, pl. 360 (female) = *Pterocles exustus exustus* Temminck, 1825.

Lectotype, RMNH.AVES.87615, adult male, mounted skin. Loc.: Senegal. Leg.: -.

Paralectotype, RMNH.AVES.87616.

During the preparation of this catalogue the authors were in doubt about the type status of the above listed specimens based on the possibility that Temminck's *exustus* could be interpreted as a *nomen novum* for *senegalensis* Lichtenstein, 1823, which is preoccupied by *Tetrao senegalensis* Shaw, 1810, a junior synonym of *Tetrao senegallus* Linnaeus, 1771. After discussions with C. Gouraud and consultation of a.o. F. Rheindt, F. Steinheimer and J. van Tol, it was concluded that this was not a clear case of a new name and ICZN art.72.7 does not apply. Hence, we follow Gouraud *et al.* (2016) who selected RMNH.AVES.87615 as lectotype. See also Gouraud (2015: 135).

***Pterocles lichtensteinii*** Temminck, 1825: livr. 60, pl. 355 (male, not pl. 335 as mentioned in the text) = *Pterocles lichtensteinii lichtensteinii* Temminck, 1825.

Syntype, RMNH.AVES.87617, adult male, mounted skin. Loc.: Nubie [= Sudan]. Leg.: W.F. Hemprich and C.G. Ehrenberg.

Syntype, RMNH.AVES.87618, adult female, mounted skin. Loc.: Nubie [= Sudan]. Leg.: -.

Syntype, RMNH.AVES.90761, adult male, mounted skin. Loc.: Nubie [= Sudan]. Leg.: -.

According to the original description other syntypes are in the MfN and SMF. The female was depicted on pl. 361 which appeared one month after the original description (Dickinson, 2001: 51).

***Pterocles tachypetes*** Temminck, 1815a: 274 = *Pterocles namaqua* (Gmelin, 1789).

Syntype, RMNH.AVES.87619, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.87620, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.90762, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.90763, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

***Pterocles quadricinctus*** Temminck, 1815a: 252 = *Pterocles quadricinctus* Temminck, 1815.

Temminck based his description on a male and female in the collection of Raye van Breukelerwaert. Although some of this collection was bought for the RMNH by Temminck at its sale in 1827, these specimens are not in the RMNH.

***Pterocles guttatus*** Lichtenstein, 1823: 64 = *Pterocles senegallus* (Linnaeus, 1771).

Syntype, RMNH.AVES.90766, adult male, mounted skin. Loc.: Nubie [= Sudan]. Leg.: W.F. Hemprich and C.G. Ehrenberg.

Four syntypes collected by Hemprich and Ehrenberg in Nubie are in the MfN (ZMB 11424 - 11427). Schifter *et al.* (2007: 142) listed two syntypes in the NMW (NMW 566 and 567).

***Syrrhaptes Pallasii*** Temminck, 1815a: 282 = *Syrrhaptes paradoxus* (Pallas, 1773).

Temminck based his name on a drawing and description by prof. Fischer (Moscow) and reports of specimens collected by Pallas and Ireskin. Types are presumed to be in the MfN and Moscow.

## COLUMBIFORMES

### Columbidae

***Chalcophaps timorensis*** Bonaparte, 1856d: 948.

***Chalcophaps javanicoides*** "Temminck" Bonaparte, 1856d: 948 = *Chalcophaps indica indica* (Linnaeus, 1758).

Lectotype for *timorensis*, syntype for *javanicoides*, RMNH.AVES.87624, adult male, mounted skin. Loc.: Miomaffo [= Mount Miomaffo], Timor, [Indonesia], [ix.1829]. Leg.: S. Müller.

According to Müller (1844: 196) he visited Mount Miomaffo in September 1829.

Bonaparte published Temminck's manuscript name *javanicoides* as a synonym of *timorensis*. RMNH.AVES.87624 was erroneously listed as holotype for *timorensis* by Van den Hoek Ostende *et al.* (1997: 83). However, Bonaparte gave no indication of the number of specimens. By listing it as holotype Van den Hoek Ostende *et al.* (1997: 83) designated the lectotype.

***Peristera bornensis*** "Müller" Bonaparte, 1857: 91 = *Chalcophaps indica indica* (Linnaeus, 1758).

Lectotype, RMNH.AVES.87625, adult female, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia], [28.vii.1836 - 17.xii.1836]. Leg.: S. Müller.

Bonaparte published Müller's manuscript name in the synonymy of *Chalcophaps javanica* Gmelin. RMNH.AVES.87625 was erroneously listed as holotype for *bornensis* by Van den Hoek Ostende *et al.* (1997: 84). However, Bonaparte gave no indication of the number of specimens. By listing it as holotype Van den Hoek Ostende *et al.* (1997: 84) designated the lectotype.

Müller visited Borneo from 28 July 1836 until 17 December 1836.

***Peristera albifrons*** Bonaparte, 1857: 92 = *Chalcophaps stephani wallacei* Brüggemann, 1877.

Syntype, RMNH.AVES.87626, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87627, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.

Forsten visited the area near Gorontalo from September 1841 - April 1842.

***Columba Godefrida*** Temminck, 1811: livr. 14/15, p. 125, pl. 57 = *Claravis geoffroyi* (Temminck, 1811).

Temminck based his description on a single specimen in the MNHN. For an explanation of the different spellings see David *et al.* (2010): the case of the spellings *godefrida* in the text and *geoffroyi* on the plate in parts 14/15 cannot be resolved under Article 24.2.4 of the Code, although Temminck used *godefrida* in the Table. This is because, in this case, the Table appeared in the same part. When Temminck (1813: 297, 476) used *geoffroyi*, he introduced an incorrect subsequent spelling. Bonaparte (1857: 75) listed



both *godefrida* and *geoffroyi* and used *geoffroyi*, thus being the First Reviser under Article 24.2.3 of the Code.

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Peristera lansbergii*** Schlegel, 1873b: 139 = *Claravis mondetoura* (Bonaparte, 1856).

Syntype, RMNH.AVES.87629, adult male, mounted skin. Loc.: Caracas, Venezuela. Leg.: R.F. van Lansberge.

Syntype, RMNH.AVES.87630, immature male, mounted skin. Loc.: Caracas, Venezuela. Leg.: R.F. van Lansberge.

Collected between 1842 and 1855 when van Lansberge was governor in Caracas.

***Columba cinerea*** Temminck, 1811: p. 126, pl. 58 (nec Scopoli, 1786).

***Peristera pretiosa*** Ferrari-Perez, 1886: 175 (*nomen novum*) = *Claravis pretiosa* (Ferrari-Perez, 1886).

Holotype, RMNH.AVES.87631, adult male, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

Holotype by monotypy.

Ferrari-Perez (1886) introduced *pretiosa* as *nomen novum* for *cinerea* Temminck. RMNH.AVES.87631 is therefore also the holotype of *pretiosa*.

***Columba albitorques*** Rüppell, 1837: 63, pl. 22, fig. 1 = *Columba albitorques* Rüppell, 1837.

Paralectotypes, RMNH.AVES.90926-90928.

The lectotype was designated by Steinbacher (1949: 106) and is in SMF (SMF 12605). Other paralectotypes are in SMF and NHM (Steinheimer, 2005a: 241). According to correspondence in the RMNH archives ('Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna' ['Birds offered from Abyssinia, depicted in my Abyssinia-Fauna']), the RMNH specimens were bought from Rüppell between September and October 1837.

***Myristicivora grisea*** "Gray" Bonaparte, 1854b: 1078.

**[*Myristicivora*] *argentea*** "Temminck" Bonaparte, 1854b: 1078

***Columba argentina*** "Temminck" Bonaparte, 1857: 36 = *Columba argentina* Bonaparte, 1855 (= error for 1857).

Lectotype for *argentina*, syntype for *grisea* and *argentea*, RMNH.AVES.87634, immature, relaxed mount. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Gray (1844: 5) published *Columba grisea* as a *nomen nudum*. Bonaparte formerly described *Myristicivora grisea* in 1854 with [*Myristicivora*] *argentea*, a manuscript name by Temminck, in synonymy. In 1857, Bonaparte published the name *Columba argentina*? "Temminck" in synonymy of *Myristicivora grisea*. However, *Myristicivora grisea* Bonaparte, 1854, is preoccupied by *Columba grisea* Bonnaterre, 1790, making *argentea* Bonaparte, 1854, the first available name, not *argentina* Bonaparte, 1857.

Bonaparte gave no specific information about the specimens available to him but only mentioned Borneo as terra typica for *Myristicivora grisea* Bonaparte, 1854. This excludes the specimen in the NHM from the Indian Archipelago (NHM 1845.1838) from the type series which is listed as the (lecto)type by Salvadori (1893: 249).

By erroneously listing RMNH.AVES.87634 as the holotype of *Myristicivora argentina* Van den Hoek Ostende *et al.* (1997: 85) selected it as lectotype.

***Colomba Arquatrix*** Temminck, 1808: livr. 3, p. 11, pl. 5 = *Columba arquatrix* Temminck, 1808.

Holotype, RMNH.AVES.87637, adult, sex unknown, relaxed mount. Loc.: “Pays Auteniquoi” [South Africa]. Leg.: ? F. Levaillant. Ex: Cabinet Temminck.

Holotype by monotypy.

***Stictoenas arquatricula*** Bonaparte, 1854c: 1105 = *Columba arquatrix* Temminck, 1808.

Possible syntype, RMNH.AVES.87638, immature, relaxed mount. Loc.: “Cap”, [South Africa]. Leg.: -.

According to the original label this specimen was collected in South Africa (“Cap”), while Bonaparte (1854) gave Abyssinia as its origin. However, according to Schlegel (1873b: 72) RMNH.AVES.87638 is one of the types of *arquatricula* Bonaparte.

***Columba janthina*** Temminck, 1830: livr. 86 [error; = 85], pl. 503 = *Columba janthina janthina* Temminck, 1830.

Lectotype, RMNH.AVES.87640, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
Paralectotype, RMNH.AVES.87660.

No livraison number is given under the text. According to Dekker *et al.* (2001: 203) and Dickinson (2001: 45) this name was published in livraison 85, not 86 as mentioned by Sherborn (1898: 488) and Peters (1937: 69).

Schlegel (1873b: 75) selected the lectotype. Voisin *et al.* (2005: 845) listed a paralectotype in the MNHN (MNHN 2002-543), received in exchange from Temminck in March 1836. One went to Frankfurt in March 1835.

The word “Usinato” written under the stand of RMNH.AVES.87640 does not refer to a locality as indicated in the first edition of this catalogue, but to the Japanese name for the species “Usibato” (Hiroyuki Morioka, pers. comm.).

***Columba Larvata*** Temminck, 1809: livr. 7, p. 71, pl. 31 = *Columba larvata* Temminck, 1809.

Holotype, RMNH.AVES.87621, adult, sex unknown, relaxed mount. Loc.: “Pays Auteniquoi” [South Africa]. Leg.: ? F. Levaillant. Ex: Cabinet Temminck.

Holotype by monotypy. Temminck wrote that Levaillant donated him a male of this species.

***Columba Erythrorax*** Temminck, 1809: livr. 7, p. 15, pl. 7 = *Columba larvata*

Temminck, 1809.

Temminck referred to two specimens in the MNHN and two other specimens in the collection of Dufresne (depicted specimens).

Junior synonym of *Columba Larvata* Temminck, 1809 which was published in the same work, though slightly later. For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba leucomela*** Temminck, 1821b: 126 = *Columba leucomela* Temminck, 1821.

Holotype by monotypy. Collected by Westall in “New Holland” [= Australia]. Formerly in the collection of the Linnean Society, now in the NHM (NHMUK 1863.7.6.12).

***Palumbus casiotis*** Bonaparte, 1854c: 1103.

***Columba palumbus himalayana*** Schlegel, 1873b: 66 = *Columba palumbus casiotis* (Bonaparte, 1854).

Syntype, RMNH.AVES.87643, adult female, mounted skin. Loc.: “Tartarie chinoise”, Himalaya. Leg.: -. (Syntype of *Palumbus casiotis* and *Columba palumbus himalayana*).

Syntype, RMNH.AVES.87642, adult, sex unknown, mounted skin. Loc.: Himalaya. Leg.: -. (Syntype of *Columba palumbus himalayana*).

Syntype, RMNH.AVES.87644, adult, sex unknown, mounted skin. Loc.: Nepal. Ex: G.A Frank, 1860. (Syntype of *Columba palumbus himalayana*).

Syntype, RMNH.AVES.87645, adult, sex unknown, mounted skin. Loc.: Nepal. Ex: G.A. Frank, 1860. (Syntype of *Columba palumbus himalayana*).

Voisin *et al.* (2005: 843) incorrectly listed a specimen in the MNHN as holotype (by monotypy) of *Palumbus casiotis* Bonaparte, 1854 as they incorrectly referred to Bonaparte (1857) *Conspectus Generum Avium* II: p. 42 as the original description. However, Bonaparte published *casiotis* three years earlier in 1854(c). He gave no indication of the (number of) specimens he had seen and referred to two additional specimens in the Calcutta Museum (Blyth, 1849: 233, B and C). The locality given is “Himal. s. occ. Tataria chinensi” [Northwestern Himalaya and Chinese Tartary] (Bonaparte, 1854a) and “Tartarie chinoise” (Bonaparte, 1854d), which agrees with the locality on the label of RMNH.AVES.87643.

***Columba pollenii*** Schlegel, 1865c: 87 = *Columba pollenii* Schlegel, 1865.

Holotype, RMNH.AVES.87646, adult, sex unknown, mounted skin. Loc.: Mayotte, Comoro Archipelago, 10.v.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Holotype by monotypy. Schlegel wrote that Pollen and Van Dam collected a single specimen.

Pages 1 to 180 of Vol. 3, ‘Nederlandsch Tijdschrift voor de Dierkunde’ were published in 1865 (Pieters and Dickinson, 2005: 107), not in 1866 as mentioned by Amadon (1962: 117).

***Columba kitlitzii*** Temminck, 1836: livr. 98, no plate = *Columba versicolor* Kittlitz, 1832.

Extinct. According to the original description, syntypes from Bonin and Japan are in

St. Petersburg and in the SMF.

***Janthoenas luzoniensis*** Schlegel, 1873b: 75 = *Columba vitiensis griseogularis* (Walden and Layard, 1872).

Holotype, RMNH.AVES.87647, adult, sex unknown, mounted skin. Loc.: Luzon, Philippines. Leg.: J.H. Gevers, 1862.

Holotype by monotypy. Schlegel listed only a single specimen.

***Janthoenas albigularis*** “Temminck” Bonaparte, 1854: 1105.

***Janthaenas halmaheira*** Bonaparte, 1857: 44 = *Columba vitiensis halmaheira* (Bonaparte, 1857).

Syntype, RMNH.AVES.87648, adult male, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [vi.1841-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87649, immature male, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [vi.1841-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87650, immature, sex unknown, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia], [vi.1841-ix.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87651, adult female, mounted skin. Loc.: Ceram, [Indonesia], [1842]. Leg.: E.A. Forsten.

*Janthoenas albigularis* Bonaparte, 1854 is a *nomen nudum* and replaced by *halmaheira* Bonaparte, 1857 (not 1855 as in IOC 11.1).

During a forced stay on Ternate from 19 June 1841 to mid September 1841 due to illness Forsten sent his hunters to Halmahera to collect skins. Forsten visited Seram late 1842.

***Columba metallica*** Temminck, 1835: livr. 95, pl. 562 = *Columba vitiensis metallica* Temminck, 1835.

Holotype, RMNH.AVES.87652, adult male, mounted skin. Loc.: Miromaffo [= Mount Miomaffo], Timor, [Indonesia], ix.1829. Leg.: S. Müller.

Holotype by monotypy.

***Columba Cruziana*** Prevost, 1842: 89, pl. 48 = *Columbina cruziana* (Prevost, 1842).

Syntype, RMNH.AVES.219062, adult male, mounted skin. Loc.: Bolivia [= error]. Leg.: A. d’Orbigny.

Syntype, RMNH.AVES.219063, adult female, mounted skin. Loc.: Bolivia [= error]. Leg.: A. d’Orbigny.

According to Voisin *et al.* (2005: 854) the locality Bolivia must be an error (as the species does not occur there), citing the proposition by Hellmayr (1932: 349) that Tacna in Peru is the correct locality.

***Columba Picui*** Temminck, 1813a: 435 = *Columbina picui picui* (Temminck, 1813).

In Temminck (1810: 29) the vernacular name used by d’Azara was mentioned in the text of *Columba minuta* Latham. In Temminck (1813a) it was introduced as a new species.

***Columba squammata*** Lesson, 1831: 474.

***Columba Squamosa*** Temminck, 1811: 127, pl. 59 (nec Bonnaterre, 1790) = *Columbina squammata squammata* (Lesson, 1831).

Lectotype, RMNH.AVES.87875, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

Lesson based his description on *Columba squamosa* Temminck, 1811 (nec Bonnaterre, 1790). Temminck based his description on a specimen in the MNHN and a male in his own cabinet from Hoffmannsegg. Temminck wrote that the male specimen in his cabinet resembled the specimens in the museum in Paris. Voisin *et al.* (2005: 853) claimed, however, the MNHN specimen to be the holotype by monotypy. That is not correct. Because Van den Hoek Ostende *et al.* (1997: 109) also erroneously listed RMNH.AVES.87875 as holotype, they by doing so designated it as lectotype. The specimen in the MNHN (MNHN C.G. 2002-5270) is therefore paralectotype.

*Columba Squamosa* is also the type of the genus name *Scardafella* Bonaparte, 1855.

***Columba Talpacoti*** Temminck, 1810: livr. 12/13, p. 22, pl. 12 = *Columbina talpacoti talpacoti* (Temminck, 1810).

Temminck based his description on a specimen in his own cabinet and in several other collections, including the MNHN where syntypes are confirmed by Voisin *et al.* (2005: 856).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba Holosericea*** Temminck, 1809: livr. 8, p. 73, pl. 32. = *Drepanoptila holosericea* (Temminck, 1809).

Holotype, RMNH.AVES.87653, adult, sex unknown, skin. Loc.: Îles des Pins, New Caledonia. Ex: Cabinet Temminck.

Holotype by monotypy. Temminck wrote that he only knew the specimen which he used as model here.

Temminck described the species as originating from the Sandwich Islands [= Hawaii] which is clearly erroneous, since it does not occur there. According to Schlegel (1873b: 41) this specimen originated from Île des Pins, New Caledonia.

***Carpophaga Vandepolli*** Büttikofer, 1896c: 190 = *Ducula aenea consobrina* (Salvadori, 1887).

Holotype, RMNH.AVES.87654, adult female, skin. Loc.: Hili Madjeio, Nias, [Indonesia], 19.xi.1895. Leg.: J.Z. Kannegieter. Ex: J.R.H. Neervoort van de Poll, 1896.

Holotype by monotypy. Büttikofer based his description on a single female.

***Carpophaga nuchalis*** Cabanis, 1882: 126 = *Ducula aenea nuchalis* (Cabanis, 1882).

Syntype, RMNH.AVES.87655, adult, sex unknown, mounted skin. Loc.: Luçon (= Luzon), Philippines. Leg.: J.H. Gevers, 1862.

The other syntype is in the MfN.

***Ducula paulina*** Bonaparte, 1854b: 1076 = *Ducula aenea paulina* Bonaparte, 1854.

Syntype, RMNH.AVES.87656, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], vii.1840. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87657, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], 1841. Leg.: E.A. Forsten.

Forsten visited the Tondano area from 22 March 1840 - 19 June 1841.

***Ducula aenea sulana*** Siebers, 1929: 152 = *Ducula aenea paulina* Bonaparte, 1854.

Holotype, RMNH.AVES.14023, adult female, skin. Loc.: Sula-Besi, [Indonesia], 1913. Leg.: Tarip. Ex: MZB, 12.i.1950 (MZB 5893).

There are seven paratypes in the MZB (MZB 5888-5892, 5894-5895).

***Columba muscadivora*** "Temminck" Bonaparte, 1854: 32 = *Ducula aenea polia* (Oberholser, 1917).

Possible syntype, RMNH.AVES.215540, adult male, mounted skin. Loc.: Bima, Sumbawa [Indonesia]. Leg.: E.A. Forsten.

Bonaparte published this manuscript name by Temminck in the synonymy of *Carpophaga aenea* (Linnaeus, 1766).

RMNH.AVES.215540 is listed here as a possible syntype because of its reference to *muscadivora* written in Temminck's handwriting under the stand.

***Ducula problematica*** Rensch, 1931: 372 = *Ducula aenea polia* (Oberholser, 1917).

Holotype, RMNH.AVES.14094, adult male, skin. Loc.: Laora, Sumba, [Indonesia], 13.iv.1925. Leg.: K.W. Dammerman. Ex: MZB, 12.i.1950 (MZB 5019).

Rensch probably erred when he stated that the holotype was in the MfN where it is not (S. Frahnert, in litt. 27.x.2020).

***Columba capistrata*** Temminck: 1822, livr. 28, pl. 165 = *Ducula badia badia* (Raffles, 1822).

Schifter *et al.* (2007: 150-151) listed a syntype from Java in the NMW (NMW 66058), received in exchange from the RMNH in 1823. One arrived in the MfN in March 1833.

***Ducula basilica*** Bonaparte, 1854b: 1076 = *Ducula basilica basilica* Bonaparte, 1854.

Syntype, RMNH.AVES.87714, adult male, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87715, adult female, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia]. Leg.: E.A. Forsten.

During a forced stay due to illness on Ternate from 19 June 1841 till mid September 1841, Forsten sent his hunters to Halmahera to collect skins.



***Columba Littoralis*** Temminck, 1808: 15, pl.7 = *Ducula bicolor* (Scopoli, 1786).

Temminck based his description primarily on reports by Leschenault. Specimens in the MNHN collected by Leschenault before the publication could be considered types.

***Ducula melanura siebersi*** van Bemmelen, 1940: 335 = *Ducula bicolor* (Scopoli, 1786).

Holotype, RMNH.AVES.14022, adult female, skin. Loc.: En'botit, Buru, [Indonesia], 03.iii.1921. Leg.: L.J. Toxopeus. Ex: MZB, 12.i.1950 (MZB 13566).

There are three paratypes in the MZB (MZB 15640-15642).

***Columba cineracea*** Temminck, 1835: livr. 95, pl. 563 = *Ducula cineracea* (Temminck, 1835).

Lectotype, RMNH.AVES.87658, adult, sex unknown, mounted skin. Loc.: Timor, [Indonesia], [x.1828-xii.1829]. Leg.: S. Müller.  
Paralectotype, RMNH.AVES.87922.

Schlegel (1873b: 91) selected the lectotype.

Müller visited Timor from October 1828 until December 1829, the area of Mount Miomaffo between 7 and 30 September 1829.

***Carpophaga concinna*** Wallace, 1865: 383 = *Ducula concinna* (Wallace, 1865).

Syntype, RMNH.AVES.87659, adult, sex unknown, mounted skin. Loc.: Matabello, [Indonesia], 1860. Leg.: A.R. Wallace. Ex: G.A. Frank.

According to Peters (1937: 45) the type locality Matabello is based on an error and should be Watubela (Moluccas).

RMNH.AVES.87659 is also a syntype for *Carpophaga roseinucha* Schlegel, 1866.

***Columba Forsterii*** "Temminck" Prévost, 1843: 87, pl. 47.

***Hemiphaga forsteni*** Bonaparte, 1854b (*nomen novum*) = *Ducula forsteni* (Bonaparte, 1854).

Syntype, RMNH.AVES.216523, male, mounted skin. Loc.: Manado, Celebes, [Indonesia], [16.v.1840]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.216524, female, mounted skin. Loc.: Manado, Tondano, [Indonesia], [16.v.1840]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.216525, male, mounted skin. Loc.: [Manado], Celebes, [Indonesia], [16.v.1840]. Leg.: E.A. Forsten.

Knip and Prévost dedicated this species to Forster, clearly a lapsus for E.A. Forsten. This was corrected by Bonaparte, who introduced *Hemiphaga forsteni* as a *nomen novum*.

According to field notes and collection lists by Forsten in the Naturalis archives, he collected eight specimens on 16 May 1840 near and between Tondano and Tomohon (P. van Wingerden, June 2022, pers. comm.). Three listed here as syntype are still in

Leiden, the whereabouts of the remaining five specimens is not known to us. None are in the MNHN (Patrick Bousses, MNHN, July 8th, 2022, pers. comm.).

***Columba lacernulata*** Temminck, 1822: livr. 28, pl. 164. = *Ducula lacernulata lacernulata* (Temminck, 1822).

Lectotype, RMNH.AVES.87663, adult female, mounted skin. Loc.: Java, [Indonesia], [1816-1822]. Leg.: C.G.C. Reinwardt.

Schlegel (1873b: 96) selected the lectotype. According to the original description paralectotypes are in the MNHN although no specimens are listed in Voisin *et al.* (2004). One paralectotype is in the NMW (NMW 66057; Schifter *et al.*, 2007: 150) which arrived there in 1823. One arrived in Berlin in March 1833, one in Leuven in August 1829, one in Groningen in May 1845.

Reinwardt visited Java several times between April 1816 and March 1822.

***Columba luctuosa*** Temminck, 1824: livr. 42, pl. 247 = *Ducula luctuosa* (Temminck, 1824).

Syntype, RMNH.AVES.87664, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [ix-xii.1821]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.87665, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [ix-xii.1821]. Leg.: C.G.C. Reinwardt.

According to the original description other type specimens are in the MNHN. See Voisin *et al.* (2004: 124), who confirmed a syntype collected by Reinwardt on Celebes (MNHN 2002-148). Schifter *et al.* (2007: 149) listed another syntype in the NMW (NMW 48428) which arrived in exchange in 1823. For dating see Dickinson (2001: 46).

Reinwardt visited North Sulawesi between September and December 1821.

***Columba mullerii*** Temminck, 1835: livr. 96, pl. 566 = *Ducula mullerii* (Temminck, 1835).

Holotype, RMNH.AVES.87666, adult female, mounted skin. Loc.: Dourga River ou détroit de la Princesse Marianne. [Papua], [Indonesia], v.1829 [error = 21-27.v.1828]. Leg.: S. Müller.

Holotype by monotypy. Temminck wrote that his travellers collected a female.

The label indicates that the skin was collected in May 1829. This must be an error as Müller visited the Dourga River between 21 and 27 May 1828.

***Carpophaga geelvinkiana*** Schlegel, 1873b: 86 = *Ducula myristicivora geelvinkiana* (Schlegel, 1873).

Syntype, RMNH.AVES.88983, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 21.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88984, adult female, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 24.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88985, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 27.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88986, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 28.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88987, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 23.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88988, adult female, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 11.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88989, adult male, mounted skin. Loc.: Meosnour [= Mios Num], [Indonesia], 09.v.1869. Leg.: C.B.H. von Rosenberg.

RMNH.AVES.88984 is given as a female on the label, but as a male under the stand.

***Carpophaga roseinucha*** Schlegel, 1866b: 197 = *Ducula myristicivora myristicivora* (Scopoli, 1786) but see below.

Syntype, RMNH.AVES.87659, adult, sex unknown, mounted skin. Loc.: Matabello, [Indonesia]. Leg.: A.R. Wallace, 1860 (= *Ducula concinna* (Wallace, 1865)).  
 Syntype, RMNH.AVES.87667, adult male, mounted skin. Loc.: Rawak [= Luwak, off Waigeu], [Indonesia], [16.xii.1818-05.i.1819]. Leg.: J.R.C. Quoy and J.P. Gaimard, Expedition de l'Uranie. Ex: Le Prevost, MNHN, 1836 (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87668, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 30.x.1865 or 1.xi.1865. Leg.: C.B.H. von Rosenberg (= *Ducula concinna* (Wallace, 1865)).  
 Syntype, RMNH.AVES.87669, adult male, mounted skin. Loc.: Gebe, [Indonesia], 22.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87670, adult female, mounted skin. Loc.: Gebe, [Indonesia], 15.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87671, adult female, mounted skin. Loc.: Gebe, [Indonesia], 02.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87672, adult male, mounted skin. Loc.: Gebe, [Indonesia], 05.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87673, adult male, mounted skin. Loc.: Gebe, [Indonesia], 07.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87674, adult male, mounted skin. Loc.: Gebe, [Indonesia], 23.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87675, adult female, mounted skin. Loc.: Gebe, [Indonesia], 15 or 25.ii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87676, adult female, mounted skin. Loc.: Gagie [= Gag], [Indonesia], 04.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87677, adult male, mounted skin. Loc.: Gagie [= Gag], [Indonesia], 05.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87678, adult female, mounted skin. Loc.: Waigeu, [Indonesia], 17.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87679, adult male, mounted skin. Loc.: Waigeu, [Indonesia], 17.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87680, adult male, mounted skin. Loc.: Waigeu, [Indonesia], 18.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87681, adult female, mounted skin. Loc.: Waigeu, [Indonesia], 25.iii.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87682, adult female, mounted skin. Loc.: Gemien, [Indonesia], 09.v.1863. Leg.: H.A. Bernstein (= *Ducula myristicivora myristicivora* (Scopoli, 1786)).  
 Syntype, RMNH.AVES.87686, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 30.x.1865. Leg.: C.B.H. von Rosenberg (= *Ducula concinna* (Wallace, 1865)).  
 Syntype, RMNH.AVES.87687, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 30.x.1865. Leg.: C.B.H. von Rosenberg (= *Ducula concinna* (Wallace, 1865)).

Although Schlegel gave a detailed list of his type specimens, there is inconsistency between the specimens mentioned in the original description and the specimens he listed later (Schlegel, 1873b: 81) and those which could be traced in the collection. In the original description, Schlegel listed 12 specimens from Gebe collected by Bernstein, 4 from Waigeu (Bernstein), 2 from Gagie (Bernstein), 1 from Gemien (Bernstein), 1 from Rawak collected during the expedition of the 'Urania', 1 from

Matabello (Wallace), 1 from New Guinea reported by Quoy and Gaimard from the expedition of the 'Urania' and 3 from Sanghir (von Rosenberg). Nineteen specimens fit this type series. Three specimens collected by Bernstein near Sorong in New Guinea (RMNH.AVES.87683 - 87685) listed as types by Van den Hoek Ostende *et al.* (1997: 91) are not part of the type series. Neither is a third specimen collected by Bernstein on Gagie in November 1864, as Schlegel explicitly mentioned two specimens. Five syntypes from Gebe are missing. Two specimens with 'Gebe, 25. and 27. vii. 1863, leg.: D.S. Hoedt' on their labels might fit as syntypes. However, there is no evidence of errors either on label data or in Schlegel's list of specimens. All missing type specimens must have been exchanged shortly after the description since Schlegel (1873b) did not list them seven years later. There is no trace yet where these specimens currently are.

Voisin *et al.* (2004: 122) listed a type specimen (MNHN C.G. 2002-141) for the name *Globicera pacifica* Bonaparte, 1854b (nec Gmelin) which might fit as syntype. It was collected in New Guinea and reported by Quoy and Gaimard from the expedition of the 'Urania', but the label data is not detailed enough.

**Taxonomy:** In the second edition of his catalogue, Schlegel (1873b: 81-82) split *Carpophaga roseinucha* into two taxa: *Carpophaga tumida* Wallace, 1865 (a younger synonym of *myristicivora* Scopoli, 1786) and *C. concinna* Wallace, 1865, which is still supported by current taxonomy.

*D. myristicivora* occurs on the West Papuan Islands (nominate race: Batanta, Gebe, Gag, Gam, Misool, Salawati, Schildpad, Sinapang, Waigeo and Widis) and the islands in the Geelvink Bay (race *geelvinkiana*). It has also been recorded as a vagrant from New Guinea. *D. concinna* is resident on countless small islands of the Sanghir and Talaud group, the Central and South Moluccan Islands and the islands south of Sulawesi. Birds from the Aru, Kei and Talaud Islands are sometimes treated as separate taxa: *D. c. aru* Salomonsen, 1934, *D. c. separata* (Hartert, 1896) and *D. c. intermedia* (Meyer and Wigglesworth, 1894) respectively. Dickinson (2003: 178) listed *D. concinna* as monotypic.

Consequently, the type series is composed of two taxa, *Ducula myristicivora myristicivora* (Scopoli, 1786) and *Ducula concinna* (Wallace, 1865). RMNH.AVES.87659 is also one of the syntypes of *Carpophaga concinna* Wallace, 1865. Also, specimens collected by Von Rosenberg on Sanghir (RMNH.AVES.87686 - 87688) belong to this taxon.

**Nomenclature:** To exclude specimens which do not belong to the same taxon from being name-bearing types, it is necessary to designate a lectotype. Taking Schlegel's description into account the name has to be applied to birds known as *myristicivora*. However, since the type specimens identified as *myristicivora* originate from different West Papuan Islands and Schlegel did not prefer one of them, the fixation of the name *roseinucha* to a single specimen and thus to one of these islands would be an arbitrary selection. In order to keep the name applicable to different islands and because *roseinucha* as a younger synonym does not (yet) affect current taxonomy, we do not propose or select a lectotype here.

***Carpophaga neglecta*** Schlegel, 1866b: 194 = *Ducula neglecta* (Schlegel, 1866).

Syntype, RMNH.AVES.87690, adult male, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], 10.iv.1827. Leg.: S. Müller.

Syntype, RMNH.AVES.87691, adult male, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], ix.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.87692, adult, sex unknown, mounted skin. Loc.: Amboina [= Ambon], [Indonesia]. Leg.: W.H. de Vries, 1862.

Syntype, RMNH.AVES.87693, adult male, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], 08.iii.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87694, adult male, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], 08.iii.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87695, adult female, mounted skin. Loc.: Ceram, [Indonesia], 04.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87696, adult female, mounted skin. Loc.: Ceram, [Indonesia], 11.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87697, adult male, mounted skin. Loc.: Ceram, [Indonesia], 13.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87698, adult male, mounted skin. Loc.: Ceram, [Indonesia], 19.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87699, adult male, mounted skin. Loc.: Ceram, [Indonesia], 19.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87700, adult female, mounted skin. Loc.: Ceram, [Indonesia], 19.iv.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87701, adult male, mounted skin. Loc.: Boano, [Indonesia]. Leg.: D.S. Hoedt, 1863.

Syntype, RMNH.AVES.87702, adult female, mounted skin. Loc.: Boano, [Indonesia]. Leg.: D.S. Hoedt, 1863.

Syntype, RMNH.AVES.87703, adult, sex unknown, skeleton. Loc.: Amboina [= Ambon], [Indonesia], [iv.1827]. Leg.: S. Müller.

The sex of RMNH.AVES.87694 is not clear. According to the label it is a male; according to the stand it is a female.

***Columba oceanica*** "Lesson and Garnot" Desmarest, 1826: 316. = *Ducula oceanica oceanica* (Desmarest, 1826).

Syntype, RMNH.AVES.87688, adult female, relaxed mount. Loc.: Kosuhai (Kusaie) [= Kosrae], [E. Carolina], 1823 [error = 5.vi.1824-15.vi.1824]. Leg.: R.P. Lesson (Voyage Coquille).

The publication of the name *Columba oceanica* by Desmarest in June 1826 predated the publication in Lesson and Garnot (1826b: plate 41) of July 1826.

According to Lesson and Garnot (1826a: 423), the island Oualan (Kosrae) was visited by the *Coquille* between 5 and 15 June 1824. The date of 1823 as mentioned on the label by Finsch must therefore be an error. According to this label the original data on the original label by Temminck was: "*Columba oceanica* ♀ voy. Lesson Ualan".

According to Voisin *et al.* (2004: 121) two syntypes collected on the Mariannes Islands are in the MNHN (MNHN 2002-113 and 2002-114).

***Columba perspicillata*** Temminck, 1824: livr. 42, pl. 246 = *Ducula perspicillata* (Temminck, 1824).

Lectotype, RMNH.AVES.87689, adult male, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia]. Leg.: ?E.A. Forsten.

Schlegel (1873b: 89) selected the lectotype.

The label mentions Forsten as the collector. This must be erroneous since Forsten arrived in Indonesia after the name was published in 1824. The specimen was probably collected by Reinwardt who visited Halmahera briefly in 1821. A similar mix-



up is found in the type specimens of *Columba hyogastra* Temminck, 1824, which were presumably collected by Reinwardt and are also labelled 'Forsten'.

According to the original description paratypes are in the MNHN but not listed in Voisin *et al.* (2004).

***Carpophaga pinon jobiensis*** Schlegel, 1871a: 26.

***Carpophaga Westermanii*** "Rosenberg" Schlegel, 1871a: 27 = *Ducula pinon jobiensis* (Schlegel, 1871).

Syntype, RMNH.AVES.87704, adult male, mounted skin. Loc.: Jobi Island, [Indonesia], 24.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87705, adult male, mounted skin. Loc.: Jobi Island, [Indonesia], 9.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87706, adult female, mounted skin. Loc.: Jobi Island, [Indonesia], 15.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87707, adult female, mounted skin. Loc.: Jobi Island, [Indonesia], 16.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87708, adult male, mounted skin. Loc.: Jobi Island, [Indonesia], 16.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87709, adult female, mounted skin. Loc.: Jobi Island, [Indonesia], 21.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87710, adult female, mounted skin. Loc.: Jobi Island, [Indonesia], 22.iv.1869. Leg.: C.B.H. von Rosenberg.

Schlegel mentioned in his description that he received this series from Von Rosenberg under the manuscript name *Carpophaga Westermanii*. Published as a junior synonym this is not an available name. However, subsequent use as a valid name (see for instance Schlegel 1873b: 95 and Salvadori, 1893: 224) made this name available (ICZN 11.6.1).

***Columba rosacea*** Temminck, 1836: livr. 98, pl. 578 = *Ducula rosacea* (Temminck, 1836).

Lectotype, RMNH.AVES.87711, adult male, mounted skin. Loc.: Timor, [Indonesia], 1829. Leg.: S. Müller.

Paralectotypes, RMNH.AVES.87712, 255162.

The year of publication of livraison 97, usually given as 1835 following Sherborn (1898: 488), has been corrected to 1836 by Mees (1994: 51) and confirmed by Dickinson (2001: 47). The year of publication of livraison 98 and 99 was subsequently corrected to 1836 by Dickinson (2001: 47) (also contra Sherborn, 1898: 488, who gave 1835 for both livraisons).

Müller (1843: 159) only mentioned this species once in his account of Timor, when he visited the area of Priritie (Pariti).

Schlegel (1873b: 88) selected the lectotype. According to Voisin *et al.* (2004: 125) another possible type is in the MNHN (MNHN 2002-143) where it arrived in May 1836.

***Globicera rubricera*** Bonaparte, 1854b: 1073 = *Ducula rubricera rubricera* (Bonaparte, 1854).

Syntype, RMNH.AVES.87713, adult, sex unknown, mounted skin. Loc.: New Ireland [Bismarck Archipelago]. Ex: MNHN.



***Ducula rufigaster pallida*** Junge, 1952: 248 = *Ducula rufigaster rufigaster* (Quoy and Gaimard, 1832).

Holotype, RMNH.AVES.87716, adult male, skin. Loc.: Bivak Island, [Papua], [Indonesia], 25.i.1910. Leg.: H.A. Lorentz, Dutch New Guinea Expedition 1909. Paratypes, RMNH.AVES.87717-87731.

***Ptilopus helviventris*** Rosenberg, 1866: 144 = *Gallicolumba rufigula helviventris* (von Rosenberg, 1866).

Holotype, RMNH.AVES.87734, adult male, skin. Loc.: Wokam, Aru Islands, [Indonesia], 13.iii.1865. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy, Von Rosenberg based his description on a single male specimen. Although given as 1867 in Van den Hoek Ostende *et al.* (1997: 94), volume 29 of the “Natuurkundig Tijdschrift voor Nederlandsch Indië” was already published in 1866 (Mees, 1980).

***Columba tristigmata*** Bonaparte, 1855a: 207 = *Gallicolumba tristigmata tristigmata* (Bonaparte, 1855).

Lectotype, RMNH.AVES.87736, adult male, skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], v.1841. Leg.: E.A. Forsten.

Bonaparte gave no indication of the number of specimens available to him. Schlegel (1873b: 158) selected the lectotype.

***Columba humeralis*** Temminck, 1821b: 128 = *Geopelia humeralis humeralis* (Temminck, 1821).

Temminck referred to two specimens from “Broad-Sound, Cote Orientale, New Holland” [= Australia], one in the collection of the Linnean Society, now in the NHM (NHMUK 1863.7.6.14). The second one was in the NHM, but is no longer present (Van Grouw, pers. comm., 2022).

***Columba Maugeus*** Temminck, 1809: livr. 10/11, p. 11, pl. 52 = *Geopelia maugeus* (Temminck, 1809).

Temminck referred to two specimens in the MNHN where they are confirmed by Voisin *et al.* (2005: 852) and two other specimens in the collection of Dufresne (one ended up in Edinburgh, but is now lost (Jansen 2018: 275).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Geopelia placida*** Gould, 1844: 55 = *Geopelia placida placida* Gould, 1844.

Possible paralectotype, RMNH.AVES.218935.

Fisher and Calaby (2009: 118) listed this specimen as from the Gould collection and possibly part of the type series. Stone (1913: 134) selected the lectotype in the ANSP (ANSP 13437).

***Columba scripta*** Temminck, 1821b: 127 = *Geophaps scripta scripta* (Temminck, 1821).

Lectotype, RMNH.AVES.87737, adult, sex unknown, mounted skin. Loc.: Australia. Leg.: -.

It is clear that Temminck used two specimens for his description, an old male (without indicating where this specimen was seen) and a female or young male in the collection of the Linnean Society, London. Temminck gave no details for the old male specimen, but according to Schlegel (1873b: 155) RMNH.AVES.87737 is the type, hereby designating it the lectotype. The type from the Linnean Society is now in the NHM (NHMUK 1863.7.6.13) and listed by Warren (1966 : 266) as holotype. Warren must have overlooked that the type series consists of two specimens and the lectotypification by Schlegel.

***Columba Mystacea*** Temminck, 1811: livr. 14/15, p. 124, pl. 56 = *Geotrygon mystacea* (Temminck, 1811).

Holotype, RMNH.AVES.87781, adult, sex unknown, mounted skin. Loc.: San Domingo [= error]. Leg.: -.

Holotype by monotypy, as Temminck wrote the only specimen he had seen was part of his cabinet. The locality San Domingo must be an error, as this species does not occur there. It is found on the neighbouring island of Puerto Rico and San Domingo could be the port of shipment.

***Columba cristata*** Temminck, 1809, p. 20, pl. 9 (nec Gmelin, 1788) = *Geotrygon versicolor* (Lafresnaye, 1846).

Syntype, RMNH.AVES.87738, adult, sex unknown, skin. Loc.: Jamaica. Ex: Cabinet Temminck.

According to the original description, another syntype was in London (collection not mentioned) and a third in the collection of Raye van Breukelerwaert.

***Columba Violacea*** Temminck, 1809: livr. 7, p. 67, pl. 29 = *Geotrygon violacea violacea* (Temminck, 1809).

Temminck based his description on a single specimen in the MNHN which is still there (Voisin *et al.*, 2005: 861).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Goura coronata minor*** Schlegel, 1864a: 208 = *Goura cristata* (Pallas, 1764).

Syntype, RMNH.AVES.87739, adult male, mounted skin. Loc.: Waigeu, [Indonesia], 18.iii.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87740, adult male, mounted skin. Loc.: Waigeu, [Indonesia], 19.iii.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87741, adult female, mounted skin. Loc.: Waigeu, [Indonesia], 02.iv.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87742, immature male, mounted skin. Loc.: Waigeu, [Indonesia], 13.iii.1863. Leg.: H.A. Bernstein.

A syntype was sent in exchange to the NMW in 1865 but could not be traced in 2002 (NMW 1865.IV.30; Schifter *et al.*, 2007: 158).

***Goura cristata pygmaea*** Mees, 1965: 160 = *Goura cristata* (Pallas, 1764).

Holotype, RMNH.AVES.87743, adult male, mounted skin. Loc.: Waigama, Misool, [Indonesia], 11.vii.1867. Leg.: D.S. Hoedt.  
Paratypes, RMNH.AVES.87744-87747.

***Goura Steursii*** "Temminck" Gray, G.R., 1845: pl. CXX, p. 479 = *Goura victoria victoria* (Fraser, 1844).

Syntype, RMNH.AVES.219710, adult male, mounted skin. Loc. Jobi [= Yapen], [Indonesia]. Leg.: [F.V.H.A. Ridder de Stuers, 1844].  
Syntype, RMNH.AVES.219711, adult female, mounted skin. Loc. Jobi [= Yapen], [Indonesia]. Leg.: [F.V.H.A. Ridder de Stuers, 1844].

According to Mees (1994: 25) these are the oldest *Goura* specimens in the RMNH, received in 1844 from "Kolonel Steurs" (= probably F.V.H.A. Ridder de Stuers, Governor of the Moluccas in the 1840's). The locality is a later addition by Schlegel (1873b: 169).

The plate in Gray (1845) was drawn after a living bird in the aviary of the Earl of Derby, so if preserved, this specimen is also part of the type series.

***Columba mada*** Hartert, 1899: 33 = *Gymnophaps mada* (Hartert, 1899).

Paralectotype, RMNH.AVES.87748.

Hartert gave no indication of the specimens available to him. Later Hartert (1927: 6) designated a type, but failed to give specific details to distinguish it. RMNH.AVES.87748 and two specimens in the AMNH (AMNH 611809, 611810) fit the Harter's "type" from which Greenway (1978: 50) selected AMNH 611809 as the lectotype.

***Columba gigas*** Ranzani, 1821: 223 (*nomen novum*) = *Hemiphaga novaeseelandiae spadicea* (Latham, 1801).

Van den Hoek Ostende *et al.* (1979) erroneously listed RMNH.AVES.87749 as holotype for *Columba gigas* Ranzani, 1821. Schodde, in Schodde and Mason (1997: 53) indicated that *gigas* is a *nomen novum* for *Columba spadicea* Latham, 1801.

***Rynchaenas Schlegeli*** von Rosenberg, 1866: 143 = *Henicophaps albifrons schlegeli* (Rosenberg, 1866).

Syntype, RMNH.AVES.87750, adult male, mounted skin. Loc.: Wokam, Aru Islands, [Indonesia], 21.iii.1865. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.89421, adult female, mounted skin. Loc.: Wonoumbai, Aru Islands, [Indonesia], 29.vi.1865. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.89420, adult female, mounted skin. Loc.: Wonoumbai, Aru Islands, [Indonesia], 1.vii.1865. Leg.: C.B.H. von Rosenberg.

Although given as 1867 in Van den Hoek Ostende *et al.* (1997: 96), volume 29 of the “Natuurkundig Tijdschrift voor Nederlandsch Indië” was published in 1866 (Mees, 1980). Later in the same year, Schlegel (1866f: 345) listed *schlegeli* - with reference to Von Rosenberg as the original author - in synonymy of *Henicophaps albifrons*.

***Columba Armillaris*** Temminck, 1808: p.13, pl. 6. = *Leucosarcia melanoleuca* (Latham, 1801).

Syntype, RMNH.AVES.87753, adult, sex unknown, skin. Loc.: Australia. Ex: Cabinet Temminck.

The depicted specimen is from Temminck's Cabinet, who also referred to two specimens in London.

***Columba dilopha*** Temminck, 1821b: 124 = *Lopholaimus antarcticus* (Shaw, 1793).

Paralectotype, RMNH.AVES.87762.

Salvadori (1893, p. 236) listed NHMUK 1863.7.6.10 from the Linnean Society, London, as the type of *C. dilopha*, thereby designating it the lectotype. Warren (1966: 82) listed this specimen as syntype. Brookes owned the Brookesian Museum of Comparative Anatomy and sold his collection in 1826 of which 72 specimens were purchased by the RMNH.

***Macropygia griseinucha*** Salvadori, 1876: 204.

***Macropygia maforensis*** Salvadori, 1878a: 429 = *Macropygia amboinensis griseinucha* Salvadori, 1876 and *Macropygia amboinensis maforensis* Salvadori, 1878.

Syntype for *griseinucha* only, RMNH.AVES.217857, adult female, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 16.iii.1869. Leg.: C.H.B. von Rosenberg.

Syntype for *griseinucha* only, RMNH.AVES.217859, immature male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 18.iii.1869. Leg.: C.H.B. von Rosenberg.

Syntype, RMNH.AVES.217879, adult male, mounted skin. Loc.: Mafoor [= Numfor], [Indonesia], i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.217881, adult male, mounted skin. Loc.: Mafoor [= Numfor], [Indonesia], i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.217883, adult male, mounted skin. Loc.: Mafoor [= Numfor], [Indonesia], i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.217885, adult male, mounted skin. Loc.: Mafoor [= Numfor], [Indonesia], 01.ii.1869. Leg.: C.B.H. von Rosenberg.

Salvadori (1876) described birds from Mafor (= Numfor), Miosnom (= Mios Num), Miori (= Biak) and Jobi (= Yapen) as *griseinucha*. Two years later he restricted *griseinucha* to Miosnom (Salvadori, 1878: 431) and introduced *maforensis* as a new name for the birds from Mafor (= Numfor) (Salvadori, 1878: 429).

Two or three taxa are involved: *Macropygia amboinensis maforensis* Salvadori, 1878 from Numfor and *Macropygia amboinensis griseinucha* Salvadori, 1876 from Mios Num. IOC 11.1 is not clear about the subspecific status on Biak. Beehler and Pratt (2016) consider birds from Biak as *M. a. cinereiceps* Tristram, 1889 but Avibase considers the population on Biak as “not being identified to subspecies, but vocally similar to *maforensis*” (<https://avibase.bsc-eoc.org>).

***Macropygia keyensis*** Salvadori, 1876: 204 = *Macropygia amboinensis keyensis* Salvadori, 1876.

Syntype, RMNH.AVES.87764, adult male, mounted skin. Loc.: Groot Kei [= Kay Besar], [Indonesia], 30.iii.1865. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.217818, adult female, mounted skin. Loc.: Indonesia, 21.viii.1865. Leg.: C.B.H. von Rosenberg.

Salvadori described this species based on immature specimens collected by Beccari and descriptions by Rosenberg (1867: 81) and Schlegel (1873b: 114; (RMNH.AVES.87764). We agree with Warren (1966: 151) that the specimen later listed by Salvadori (1893: 353) as "type of male" is not part of the type series.

***Macropygia albicapilla*** Bonaparte, 1854c: 1111 = *Macropygia doreya albicapilla* Bonaparte, 1854.

Lectotype, RMNH.AVES.87763, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [iii.1840-iv.1842]. Leg.: E.A. Forsten.

Schlegel (1873b: 111) selected the lectotype.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Macropygia albiceps*** "Temminck" Bonaparte, 1854c: 1111 = *Macropygia doreya albiceps* Bonaparte, 1856.

Syntype, RMNH.AVES.90980, adult, sex unknown, mounted skin. Loc.: Ternate, [Indonesia], [19.vi.1841-ix.1841]. Leg.: E.A. Forsten.

Although Bonaparte initially considered *albiceps* to be a junior synonym of *amboinensis* (Bonaparte, 1854c: 1111), he later (1856c: 839) distinguished this bird as a separate race. According to ICZN (art. 11.6.1) the first publication as a synonym counts as the date of publication, so it should be *Macropygia albiceps* Bonaparte, 1854.

Forsten visited Ternate from 19 June 1841 - mid September 1841.

***Macropygia phasianella barussa*** Siebers, 1929: 152 = *Macropygia emiliana emiliana* Bonaparte, 1854.

Holotype, RMNH.AVES.15342, adult male, skin. Loc.: Palembang, Sumatra, [Indonesia], 09.viii.1918. Ex: MZB, 12.i.1950 (MZB 6066).

***Macropygia phasianella megala*** Siebers, 1929: 151 = *Macropygia emiliana megala* Siebers, 1929.

Holotype, RMNH.AVES.14024, adult male, skin. Loc.: Kangean Island, [Indonesia], v.1892. Leg.: A.G. Vorderman. Ex: MZB, 12.i.1950 (MZB 6068).

***Macropygia nigrirostris major*** van Oort, 1908a: 174 = *Macropygia nigrirostris* Salvadori, 1876.

Syntype, RMNH.AVES.87765, adult male, skin. Loc.: Duke of York Island, [Papua New Guinea], 04.x.1880. [Leg.: Th. Kleinschmidt]. Ex: Museum Godeffroy, v.1882.

Syntype, RMNH.AVES.87766, adult male, skin. Loc.: New Britain, [Papua New Guinea], 26.xi.1880. [Leg.: Th. Kleinschmidt]. Ex: Museum Godeffroy, v.1882.

***Macropygia phasianella*** Temminck, 1821b: 129 = *Macropygia phasianella phasianella* (Temminck, 1821).

Temminck based his description on a single specimen in the collection of the Linnean Society London from New South Wales. This holotype is now in the NHM (NHMUK 1863.7.6.15: Warren, 1966: 226).

***Columba ruficeps*** Temminck, 1835: livr. 95, pl. 561 = *Macropygia ruficeps ruficeps* (Temminck, 1835).

Syntype, RMNH.AVES.87767, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87768, adult male, skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.87803, adult, sex unknown, skeleton. Loc.: [West] Sumatra, [Indonesia], [vii.1833-1835]. Leg.: S. Müller (= *Macropygia ruficeps sumatrana* Robinson and Kloss, 1919).

According to Schlegel (1873b: 110) RMNH.AVES.87767 is the depicted specimen on plate 561.

Although not mentioned in the original description, Schifter *et al.* (2007: 153) listed two syntypes in the NMW (NMW 66076 and 66077), received in exchange with the RMNH in April 1830. One arrived in 1824 in the MfN, already documented as *Columba ruficeps* with reference to the Pl. Col. One was sent to Groningen in 1847.

Reinwardt visited Java several times between April 1816 and March 1822. Müller visited West Sumatra from July 1833 until late 1835.

***Columba Unchall*** Wagler, 1827: no. 38.

***Columba leptogrammica*** Temminck, 1835: livr. 95, pl. 560 = *Macropygia unchall unchall* (Wagler, 1827).

Syntype, RMNH.AVES.87770, adult male, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype only for *leptogrammica*, RMNH.AVES.87769, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia], [vi.1826-ix.1827]. Leg.: H. Boie, [vi.1826-ix.1827].

According to Schlegel (1873b: 108) RMNH.AVES.87770 is the depicted specimen on plate 560.

Reinwardt visited Java several times between April 1816 and March 1822. Boie visited Java between June 1826 and September 1827.

***Columba Picturata*** Temminck, 1813: page 315 = *Nesoenas picturatus picturatus* (Temminck, 1813).

Syntype, RMNH.AVES.87888, adult, sex unknown, mounted skin. Loc.: Mauritius. Leg.: -.

Dowsett (pers. comm.) assumed that Reunion instead of Mauritius is the type locality where the species has been introduced prior to 1813 when the specimen was described. The native distribution of *Nesoenas picturatus* is on islands in the Indian Ocean (Seychelles, Amirantes, Aldabra, Glorieuse and Comoro islands) with the nominate *picturatus* Temminck on Madagascar.



***Columba lophotes*** Temminck, 1822: livr. 24, pl. 142 = *Ocyphaps lophotes lophotes* (Temminck, 1822).

Lectotype, RMNH.AVES.87780, adult, sex unknown, mounted skin. Loc.: [Blue Mountains], Australia. Leg.: - [1821-1822].

The original description gives no indication about the number of type specimens. However, since Temminck described a single “male” there was probably only one specimen available at that time. As Van den Hoek Ostende *et al.* (1997: 100) referred to RMNH.AVES.87780 as holotype, this constitutes a lectotype designation.

This specimen must have been received in the RMNH between 1821 and 1822, as Temminck wrote that it had not arrived yet when he published a previous paper in the Transactions of the Linnean Society of London in 1821.

***Columba erythroptera*** Gmelin, 1789: 254.

***Columba leucophrys*** Wagler, 1829: 743 = *Pampusana erythroptera erythroptera* (Gmelin, 1789).

Possible syntype, RMNH.AVES.90752, adult male, mounted skin. Loc.: O. Taiti [= Tahiti]. Leg.: Voyage de Cook. Ex: Cab. Bullock [= Bullock Museum].

The origin, collector and history and therefore the true identity of this specimen was and still is open to much debate. Up to now it is assumed to be the only surviving specimen out of at least four collected on Tahiti and Moorea between 17.viii-1.ix.1773 and between 22.iv-14.v.1774 during Captain James Cook’s 2nd voyage. It is and has long been considered one of the syntypes. However, only if it is one of the specimens collected during Capt. Cook’s 2nd voyage, it is one of the syntypes.

Temminck (1811: 123) wrote that the specimen Knip illustrated in “Les Pigeons” was from the private collection of Mr. Gevers from Rotterdam. Gevers’ collection was sold in 1787 (Gevers and Mensema 2000: 14), well before it was illustrated by Knip. One could therefore assume that Gevers’ specimen had become part of Temminck’s private collection which, in 1820, became part of the RMNH. Comparison of RMNH.AVES.90752 with the illustrated specimen does, however, not give convincing evidence that the same individual is involved here. Hence, RMNH.AVES.90752 might have come to the RMNH via a different route. One option is that it might have been purchased by Temminck at Bullock’s Auction in London in 1819, which did include part of Cook’s collection. No direct reference is given to this specimen in either the Sales Catalogue or in Temminck’s list of objects bought there, unless it refers to an ‘unknown pigeon’ on day 16, lot 3.

Another possibility currently examined by J. Jansen and J. Hume is that, because of a lack of evidence due to the absence of original labels as well as morphological differences with true *P. erythroptera*, RMNH.AVES.90752 might not originate from Tahiti and was not collected during Cook’s voyage or bought at Bullock’s auction. DNA analysis is scheduled for 2022 to try to ascertain its identity and accept or reject historic or current theories.

***Leptoptila Hoedtii*** Schlegel, 1871a: 30 = *Pampusana hoedtii* (Schlegel, 1871).

Syntype, RMNH.AVES.87732, adult male, skin. Loc.: Wetar Island, [Indonesia], 07.v.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87733, adult female, skin. Loc.: Wetar Island, [Indonesia], 09.v.1866. Leg.: D.S. Hoedt.

***Phlegoenas vitiensis*** Finsch, 1872: 50 = *Pampusana stairi* (Gray, 1856).

Syntype, RMNH.AVES.87735, adult male, skin. Loc.: Viti Levu, Fiji. Leg.: E.H. Gräffe. Ex: Museum Godeffroy, 1864.

Gräffe (1868) visited Viti Levu once prior to 1864, sometime during 1862. He described (1868: 11) how he received during this trip a living pair of *Peristera erythroptera* in Vaitop upstream the Rewa River. The male of this pair could well be RMNH.AVES.87735.

***Columba xanthonura*** Temminck, 1823: pl. 190 = *Pampusana xanthonura* (Temminck, 1823).

Temminck based this name on two specimens in the MNHN collected by Quoy and Gaimard (MNHN C.G. 2003-2662 and MNHN C.G. 2003-2661; see Voisin *et al.* 2005: 862).

***Columba denisea*** Temminck, 1830: livr. 86 [error; = 85], pl. 502 = *Patagioenas araucana* (Lesson and Garnot, 1827).

Holotype, RMNH.AVES.87632, adult, sex unknown, mounted skin. Loc.: Chile. Leg.: -.

Contrary to Schlegel (1873b: 68) and Van den Hoek Ostende *et al.* (1997: 85), who listed two syntypes, Temminck referred to a single specimen from Chile in the RMNH which is the holotype by monotypy. It was identified based on comparison with the illustrated specimen.

According to Dickinson (2001: 46) this name was published in livraison 85, not 86 as printed in the footnote of the text and mentioned by Sherborn (1898: 488).

***Columba Rufina*** Temminck, 1809: livr. 6, p. 59, pl. 24 = *Patagioenas cayennensis* Bonnaterre, 1792.

Temminck based his description on a specimen in the MNHN where it is confirmed by Voisin *et al.* (2005: 846; MNHN C.G. 2002-529) and specimens in several other collections. One was sent to Leuven in 1822.

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba Gymnophthalmos*** Temminck, 1809: livr. 5, p.48, pl. 18 = *Patagioenas corensis* (Jacquin, 1784).

Temminck based his description on a male in the MNHN where it is confirmed by Voisin *et al.* (2005: 846, C.G. 2002-531) and a female in the collection of Raye van Breukelerwaert. The latter was sold at the auction of this collection for 2 guilders and 50 cents (Catalogue: 52). Its current whereabouts are unknown.

***Columba fasciata vioscae*** Brewster, 1888: 86 = *Patagioenas fasciata vioscae* (Brewster, 1888).

Syntype, RMNH.AVES.87639, adult female, skin. Loc.: Piercio Ranch, Lower California, United States, 5.vii.1887. Leg.: A. Frazar. Ex: MCZ, 1902.

***Columba leucocapilla*** Temminck, 1807: 142, no. 777. = *Patagioenas leucocephala* (Linnaeus, 1758).

Syntype, RMNH.AVES.90966, adult male, relaxed mount. Loc.: Trinidad. Ex: Cabinet Temminck.

Temminck did not indicate the number of specimens available to him but referred to male(s) only.

***Columba Maculosa*** Temminck, 1813a: 113 = *Patagioenas maculosa maculosa* (Temminck, 1813).

Temminck based his description on d'Azara and did not refer to any specimens.

***Chloroenas fallax*** Schlegel, 1873b: 80 = *Patagioenas maculosa maculosa* (Temminck, 1813).

Syntype, RMNH.AVES.87641, adult female, mounted skin. Loc.: Rio Negro, Argentina, vi.1871. Ex: G.A. Frank, 1873.

Syntype, RMNH.AVES.89418, adult, sex unknown, mounted skin. Loc.: "Mexico". Leg.: -.

***Columba Picazuro*** Temminck, 1813a: 111 = *Patagioenas picazuro picazuro* (Temminck, 1813).

Temminck based his description on d'Azara and did not refer to any specimens.

***Columba Portoricensis*** Temminck, 1809: p. 41, pl. 15 = *Patagioenas squamosa* (Bonnaterre, 1792).

Lectotype, RMNH.AVES.90967, adult, sex unknown, relaxed mount. Loc.: Antilles "Haiti". Ex: Cabinet Temminck.

See Stresemann (1953b: 103) for dating of Temminck and Knip's 'Les Pigeons' (1808-1811). According to the original description other type specimens are in the MNHN. Voisin *et al.* (2005: 843) confirmed two paralectotypes in the MNHN (MNHN 2002-540 and 2002-541) collected by Maugé in Puerto Rico. Jansen and Fuchs (2019: 46) listed additional specimens in the NMS (NMS 1819.20.1.72) and NMW (NMW 44588).

Schlegel (1873b: 68) selected the lectotype.

***Columba Vinacea*** Temminck, 1809: livr. 9, p. 87, pl. 41 (nec Gmelin, 1789) = *Patagioenas subvinacea purpureotincta* (Ridgway, 1888).

Temminck reused a specific epithet for this new species already occupied by *Columba vinacea* Gmelin, 1789 (= *Streptopelia vinacea*).

Temminck based his description on a single specimen in MNHN which is still

present (Voisin *et al.*, 2005: 847; MNHN C.G. 2002-553).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba leucotis*** Temminck, 1823: livr. 32, pl. 189 = *Phapitreron leucotis leucotis* (Temminck, 1823).

The holotype is in the MNHN (MNHN 2002-139; Voisin *et al.*, 2004: 113).

***Columba Elegans*** Temminck, 1809: livr. 6, p. 56, pl. 22. = *Phaps elegans elegans* (Temminck, 1809).

Temminck based his description on two specimens in the MNHN collected during the Baudin expedition where they still are (Voisin *et al.*, 2005: 858, C.G. 2003-2671 and C.G. 2003-2656) and a specimen in London in the collection of J. Banks. Van den Hoek Ostende *et al.* (1997: 101) listed a syntype in the RMNH collection (RMNH.AVES.87782); this must be an error.

***Peristera histrionica*** Gould, 1841b: pl. 66 = *Phaps histrionica* (Gould, 1841).

Syntype, RMNH.AVES.87751, adult male, mounted skin. Loc.: [Namori Plains], Australia, [xii.1839]. Leg.: J. Gould.

Syntype, RMNH.AVES.87752, adult female, mounted skin. Loc.: [Namori Plains], Australia, [xii.1839]. Leg.: J. Gould.

These are two of the 12 specimens Gould collected on the Namori Plains in December 1839. RMNH.AVES.87752 is labelled “Verreaux, 1867”, which cannot be correct as “Gould” is written under the stand in Temminck’s handwriting. As Temminck died in 1858, the specimen could not have been purchased from Verreaux in 1867.

***Ptilopus bernsteinii*** Schlegel, 1863c: 59 = *Ptilinopus bernsteinii bernsteinii* Schlegel, 1863.

Holotype for *bernsteinii*, syntype for *ochrogaster*, RMNH.AVES.87771, adult female, mounted skin. Loc.: [Gunung Sibela], Batjan, [Indonesia], 19.i.1861. Leg.: H.A. Bernstein.

RMNH.AVES.87771 is the holotype by monotypy for *bernsteinii*. Schlegel based his description on this single specimen sent by Bernstein.

***Ptilopus ochrogaster*** Bernstein, 1864: 86 = *Ptilinopus bernsteinii bernsteinii* Schlegel, 1863.

Syntype for *ochrogaster*, holotype for *bernsteinii*, RMNH.AVES.87771, adult female, mounted skin. Loc.: Batjan, [Indonesia], 19.i.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87772, adult male, mounted skin. Loc.: Kaou, Halmahera, [Indonesia], 27.xi.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87773, adult male, mounted skin. Loc.: Obi-Lattou [= Obilatu], [Indonesia], 25.viii.1862. Leg.: H.A. Bernstein. (= *Ptilinopus bernsteinii micrus* (Jany, 1955)).

Syntype, RMNH.AVES.87774, adult male, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia], 22.x.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87775, adult male, mounted skin. Loc.: Weda, Halmahera, [Indonesia], 10.iii.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87776, adult female, mounted skin. Loc.: Weda, Halmahera, [Indonesia], 11.vi.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87777, adult female, mounted skin. Loc.: Ternate, [Indonesia], 14.viii.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87778, adult male, mounted skin. Loc.: Weda, Halmahera, [Indonesia], 01.xi.1864. Leg.: H.A. Bernstein.

***Ptilopus cinctus Florensis*** Schlegel, 1871a: 20 (*nomen novum*) = *Ptilinopus cinctus albocinctus* Wallace, 1864.

Schlegel described *Ptilopus cinctus Florensis* as an unnecessary *nomen novum* for *Ptilopus albocinctus* Wallace, 1864.

***Columba Cincta*** Temminck, 1809: livr. 6, p. 58, pl. 23 = *Ptilinopus cinctus cinctus* (Temminck, 1809).

Temminck based his description on a single specimen in his own cabinet, which could not be found in the RMNH. One was sent to Berlin in March 1833 and one to Frankfurt in March 1835 (J. Jansen, pers. comm.). As Temminck's description is based on a single specimen, one of the two is the holotype.

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Ptilopus cinctus Lettiensis*** Schlegel, 1871a: 20. = *Ptilinopus cinctus lettiensis* Schlegel, 1871.

Syntype, RMNH.AVES.87754, adult male, mounted skin. Loc.: Letti, [Indonesia], 30.v.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87755, adult female, mounted skin. Loc.: Letti, [Indonesia], 05.vii.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.213745, immature male, relaxed mount. Loc.: Letti, [Indonesia], v.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.213746, immature female, relaxed mount. Loc.: Letti, [Indonesia], v.1866. Leg.: D.S. Hoedt.

Van den Hoek Ostende *et al.* (1997: 97) must have overseen the two immature specimens, already listed in Schlegel (1873b: 35).

***Columba hyogastra*** "Reinwardt" Temminck, 1824: livr. 43, pl. 252 = *Ptilinopus hyogastrus* (Temminck, 1824).

Syntype, RMNH.AVES.87786, adult male, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia]. Leg.: ?E.A. Forsten.

Syntype, RMNH.AVES.87787, adult female, mounted skin. Loc.: Gilolo, [Halmahera], [Indonesia]. Leg.: ?E.A. Forsten.

The stand gives Forsten as collector in Temminck's handwriting, which must be erroneous since Forsten arrived in Indonesia after the species was published. The specimens were probably collected by Reinwardt who visited Halmahera briefly in 1821. A similar mix-up is found in a type-specimen of *Columba perspicillata* Temminck, 1824, which was presumably collected by Reinwardt and is also labelled 'Forsten'. In addition to this Temminck wrote on the stand of RMNH.AVES.87786 "ind. type".

***Ptilopus insolitus*** Schlegel, 1863c: 61, pl. Vogels 3, fig. 3 = *Ptilinopus insolitus insolitus* Schlegel, 1863.

Holotype, RMNH.AVES.87788, adult, sex unknown, skin. Loc.: New Caledonia [= error]. Leg.: - [1862].

Holotype by monotypy. The bird was acquired in 1862, the collector is not known. The tail and primaries are lacking. This was already mentioned by Schlegel in the description and most probably the reason why the bird in the plate is partly hidden behind a plant. The type locality was given as New Ireland by Hartert (1924: 197).

***Ptilopus humeralis iobiensis*** Schlegel, 1873b: 16 = *Ptilinopus iozonus iobiensis* Schlegel, 1873.

Lectotype, RMNH.AVES.87792, adult male, skin. Loc.: Jobi, [Indonesia], 28.iv.1869. Leg.: C.B.H. von Rosenberg.

Paralectotypes, RMNH.AVES.87788 (= *Ptilinopus insolitus insolitus* Schlegel, 1863) - 87791.

In his description Schlegel explicitly includes the type of *Ptilopus insolitus* Schlegel, 1863 (RMNH.AVES.87788) in the type series. Since this name has priority, Schlegel should have placed all specimens from Jobi in this taxon. Instead, he incorrectly introduced a new name. Since *insolitus* is a different taxon, the name *P. humeralis iobiensis* is available for the race from Jobi. Quaiser and Dekker (2008: 412) designated the lectotype.

***Ptilopus Hugoniana*** Schlegel, 1863c: 60, pl. 3 fig. 2 = *Ptilinopus leclancheri leclancheri* (Bonaparte, 1855).

Lectotype, RMNH.AVES.87756, adult, sex unknown, skin. Loc.: Luzon, Philippines. Leg.: H. Gevers, 1862.

Paralectotype, RMNH.AVES.87793.

Schlegel (1873b: 36) selected the lectotype.

***Columba luteovirens*** Hombron and Jacquinot, 1841: 315 = *Ptilinopus luteovirens* (Hombron and Jacquinot, 1841).

Syntype, RMNH.AVES.87628, adult male, skin. Loc.: Vanua Valavo [= Ovalau], [Fiji], [x.1838]. Leg.: [J.B. Hombron and H. Jacquinot, Expedition of L'Astrolabe and La Zélée.] Ex: MNHN.

According to Voisin *et al.* (2004: 118) two other syntypes are in the MNHN (C.G. 2002-129; C.G. 2002-130).

***Columba magnifica*** Temminck, 1821b: 125 = *Ptilinopus magnificus magnificus* (Temminck, 1821).

Holotype, RMNH.AVES.87779, adult, sex unknown, mounted skin. Loc.: Red Point, S.E. Australia. Ex: Linnean Society London, A. MacLeay.

Temminck wrote that he received a specimen from Alexander MacLeay during his visit to London in 1819. This is the only specimen mentioned in his description, so we consider it to be a holotype by monotypy. The specimen listed by Warren (1966: 173,



NHMUK 1863.7.6.11) as holotype is therefore not part of the type series. The year indicated on the label is 1868. This must be a mistake and probably indicates the year the specimen was remounted (G.F. Mees, in litt.).

***Jotreron chrysorrhoea*** Salvadori, 1875a: 671.

***Ptilinopus sulaënsis*** Brüggemann, 1876: 81 = *Ptilinopus melanospilus chrysorrhous* (Salvadori, 1875).

Syntype, RMNH.AVES.87794, adult male, mounted skin. Loc.: Wahaai, Ceram, [Indonesia], 1862. Leg.: J.C.B. Bernelot Moens.

Syntype, RMNH.AVES.87795, adult female, mounted skin. Loc.: Ceram, [Indonesia], [x.1859-vi.1860]. Leg.: A.R. Wallace. Ex: Frank, 1862.

Syntype, RMNH.AVES.87796, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87797, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87798, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87799, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87800, immature female, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87801, immature female, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87802, adult male, mounted skin. Loc.: Sula Mangola, [Indonesia], ii.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87923, adult male, mounted skin. Loc.: Sula Mangola, [Indonesia], ii.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87804, adult male, mounted skin. Loc.: Sula Mangola, [Indonesia], ii.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87805, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], 15.xi.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87806, adult female, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], 16.xi.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87807, adult female, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], 17.xi.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87808, adult male, mounted skin. Loc.: Sula Bessie, [Sanana], [Indonesia], 19.xi.1864. Leg.: D.S. Hoedt.

The collecting date of RMNH.AVES.87808 is not clear. According to the label it was collected on 19.xi.1864, but the information on the stand states that it was collected on 19.xii.1864.

Wallace visited Ceram twice between October 1859 and June 1860 (Baker, 2001).

***Jotreron melanauchen*** Salvadori, 1875a: 671 = *Ptilinopus melanospilus melanauchen* (Salvadori, 1875).

Holotype, RMNH.AVES.87809, adult male, mounted skin. Loc.: Larantoea, Flores, [Indonesia], 13.iv.1862. Leg.: J. Semmelink.

Holotype by monotypy. The description by Salvadori was based on Schlegel (1873), where only RMNH.AVES.87809 was listed.

***Jotreron melanospila*** Salvadori, 1875a: 670 = *Ptilinopus melanospilus melanospilus* (Salvadori, 1875).

Syntype, RMNH.AVES.214772, adult male, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia]. Leg.: J.G.F. Riedel, 1870.  
 Syntype, RMNH.AVES.214773, adult female, mounted skin. Loc.: between Katapara and Alep, Celebes [= Sulawesi], [Indonesia], v.1840. Leg.: E.A. Forsten.  
 Syntype, RMNH.AVES.214774, adult male, mounted skin. Loc.: Soumalatta, Celebes [= Sulawesi], [Indonesia], 2.xi.1863. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.214775, adult male, mounted skin. Loc.: Kwandang, Celebes [= Sulawesi], [Indonesia], 28.x.1863. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.214776, adult female, mounted skin. Loc.: Modelido, Celebes [= Sulawesi], [Indonesia], v.1863. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.214777, adult female, mounted skin. Loc.: Modelido, Celebes [= Sulawesi], [Indonesia], v. 1863. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.214778, adult male, mounted skin. Loc.: Bone, Celebes [= Sulawesi], [Indonesia] 27.xi.1863. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.214779, adult female, mounted skin. Loc.: Bone, Celebes [= Sulawesi], [Indonesia], 18.xi.1863. Leg.: C.B.H. von Rosenberg.

Salvadori described *melanospilus* based on six specimens collected by Bruijn and Beccari, but for the description he referred to Schlegel (1873b: 29). Therefore, the specimens listed by Schlegel with the description are part of the type series.

***Jotreron xanthorrhoea*** Salvadori, 1875a: 671 = *Ptilinopus melanospilus xanthorrhoeus* (Salvadori, 1875).

Syntype, RMNH.AVES.87810, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 24.x.1864. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87811, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 28.x.1864. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87812, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 28.x.1864. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87813, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 02.i.1866. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87814, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 02.i.1866. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87815, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 29.i.1866. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87816, adult male, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 24.x.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87817, adult male, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 24.x.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87818, adult female, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 28.x.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87819, immature female, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 28.x.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87820, adult female, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 04.xi.1865. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87821, adult male, mounted skin. Loc.: Siao, Sanghir, [Indonesia]. Ex: L.D.H.A. Renesse van Duijvenbode, 1866.

On the stand of RMNH.AVES.87813 and RMNH.AVES.87815 1866 is written while the label gives 1865 as the year of collecting. RMNH.AVES.87818 and RMNH.AVES.87819 give 1865 on the stand and 1864 on the label (later changed into 1865).

***Columba monacha*** Temminck, 1824: livr. 43, pl. 253 = *Ptilinopus monacha* (Temminck, 1824).

Holotype, RMNH.AVES.87830, adult, sex unknown, mounted skin. Loc.: Ternate, [Indonesia]. Leg.: C.G.C. Reinwardt [viii-ix.1821].

Holotype by monotypy. According to Temminck this species is from Celebes. This is an error since *P. monacha* is restricted to Halmahera and surrounding islands. Schlegel (1873b: 13) corrected the collecting location to Ternate.

Reinwardt visited Ternate (and very briefly Halmahera) twice between 15 August 1821 and 4 September 1821.

***Columba naina*** Temminck, 1835: livr. 95, pl. 565 = *Ptilinopus nainus* (Temminck, 1835).

Lectotype, RMNH.AVES.87831, adult male, mounted skin. Loc.: Lobo Bay, [Papua], [Indonesia], [4.vii-29.viii.]1828. Leg.: S. Müller.

See Mees (1982) for year of publication. The original description gives no indication about the number of type specimens other than Temminck had not yet seen the female. However, Van de Hoek-Ostende *et al.* (1997: 105) erroneously listed it as holotype, which constitutes a lectotype designation.

***Ptilopus ornatus*** Schlegel, 1871b: 52. = *Ptilinopus ornatus ornatus* Schlegel, 1871.

Syntype, RMNH.AVES.87832, adult male, mounted skin. Loc.: Haddam, [Papua], [Indonesia], 09.iv.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87833, adult female, mounted skin. Loc.: Haddam, [Papua], [Indonesia], 10.iv.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87834, adult male, mounted skin. Loc.: Haddam, [Papua], [Indonesia], 13.iv.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87835, adult male, mounted skin. Loc.: Haddam, [Papua], [Indonesia], 19.iv.1870. Leg.: C.B.H. von Rosenberg.

***Columba perlata*** Temminck, 1835: livr. 94, pl. 559 = *Ptilinopus perlatus perlatus* (Temminck, 1835).

Holotype, RMNH.AVES.87836, adult male, mounted skin. Loc.: Lobo Bay, [Papua], [Indonesia], [4.vii-29.viii.] 1828. Leg.: S. Müller.

Holotype by monotypy. See Mees (1982) for the year of publication.

***Ptilopus zonurus*** Salvadori, 1876: 197 = *Ptilinopus perlatus zonurus* Salvadori, 1876.

Syntype, RMNH.AVES.87837, adult female, mounted skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 15.v.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87838, adult female, mounted skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 25.v.1865. Leg.: C.B.H. von Rosenberg.

***Columba porphyracea*** Temminck, 1821: 130.

***Columba Forsteri*** Desmarest, 1826: 340.

***Columba viridissima*** Temminck, 1835: text for pl. 254 (2e ed. livr. 95) = *Ptilinopus porphyraceus porphyraceus* (Temminck, 1821).

Syntype for *porphyracea* and *Forsteri*, lectotype for *viridissima*, RMNH.AVES.213951, adult male, relaxed mount. Loc.: Tonga Tabu [= Tongatapu]. Ex: [MNHN?].

According to Jansen (2018: 284), RMNH.AVES.213951 is one of the two doves collected by G. Bass in September or October 1802 and brought to Paris by the Baudin expedition.

Desmarest based his *Forsteri* on one of the unpublished plates by Forster, but also on the description by Temminck of *porphyracea*. According to Desmarest this new name is necessary because *porphyracea* was preoccupied by *Columba porphyrea* Temminck, 1822.

Schlegel (1873b: 8) selected RMNH.AVES.213951 as lectotype of *Columba viridissima*.

***Columba porphyrea*** “Reinwardt” Temminck, 1822: livr. 18, pl. 106.

***Columba roseicollis*** Wagler, 1827: no. 27 (*nomen novum*) = *Ptilinopus porphyreus* (Temminck, 1822).

Holotype for *porphyrea* and *roseicollis*, RMNH 87757, adult male, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on the plate as the text which appeared on 22 May 1824 is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 97) or any other type catalogue is erroneous. RMNH.AVES.87758-87761 listed in Van den Hoek Ostende *et al.* (1997: 97) and NMW 66002 (Schifter *et al.*, 2007: 146) have therefore no type status. One collected by Reinwardt was sent to the NMW in March 1822 (1822.LXXX.42) and another arrived there in April 1830. One was sent to the MfN in May 1827 and one went to the SMF in March 1835.

Reinwardt visited Java several times between April 1816 and March 1822.

***Columba pulchella*** Temminck, 1835: livr. 95, pl. 564 = *Ptilinopus pulchellus* (Temminck, 1835).

Syntype, RMNH.AVES.87839, adult male, mounted skin. Loc.: Lobo Bay, [Papua], [Indonesia], [4.vii-29.viii.] 1828. Leg.: S. Müller.

Syntype, RMNH.AVES.87840, adult male, mounted skin. Loc.: Lobo Bay, [Papua], [Indonesia], [4.vii-29.viii.] 1828. Leg.: S. Müller.

***Ptilopus neglectus*** Schlegel, 1873b: 7 = *Ptilinopus rarotongensis rarotongensis* Hartlaub and Finsch, 1871.

Holotype, RMNH.AVES.87841, adult, sex unknown, relaxed mount. Loc.: Océanie [= Rarotonga Island], [Cook Islands]. Leg.: -.

***Columba Xanthogaster*** Wagler, 1827: no. 29 [237] = *Ptilinopus regina xanthogaster* (Wagler, 1827).

Syntype, RMNH.AVES.87842, adult male, skin. Loc.: Banda, [Indonesia], [18.v.-25.vi.1821]. Leg.: [C.G.C. Reinwardt].

Wagler based this name on plate 254 and the first edition of the accompanying text in Temminck (1820-1839). Therefore, the other three specimens in Temminck's description are also part of the type series. The whereabouts of these two syntypes is unknown.

Temminck described this specimen as a female collected by Reinwardt in Celebes, which was later corrected to a male from Banda by Schlegel (1873b: 11).

Reinwardt visited the Banda Archipelago from 18 May until 25 June 1821.

***Columba diademata*** Temminck, 1835: text for 254 (2e ed. livr. 95) = *Ptilinopus regina xanthogaster* (Wagler, 1827).

Syntype, RMNH.AVES.87842, adult male, skin. Loc.: Banda, [Indonesia], [18.v.-25.vi.1821]. Leg.: [C.G.C. Reinwardt].

Syntype, RMNH.AVES.87843, adult male, skin. Loc.: Banda Neira, [Indonesia], [25-29.iv.] 1828. Leg.: S. Müller.

Temminck referred to six specimens: three collected by Reinwardt from Celebes [= error for Banda] and three by Müller and Macklot from Banda. The whereabouts of the other four syntypes is unknown. The original text accompanying plate 254 was part of livr. 43 (1824). However, the description of *diademata* was published in a corrected new issue of this text in livr. 95 (1835).

Müller stayed on Banda-Neira from 25 - 29 April 1828. In the report of his visit, he mentioned collecting this new species (Müller 1841: 119).

***Ptilopus aurantiventris*** von Rosenberg, 1866: 144 = *Ptilinopus regina xanthogaster* (Wagler, 1827).

Syntype, RMNH.AVES.87844, immature male, mounted skin. Loc.: Little Key, [Indonesia], 14.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87845, immature male, mounted skin. Loc.: Little Key, [Indonesia], 24.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87846, adult male, mounted skin. Loc.: Koor, Key Islands, [Indonesia], 02.ix.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87847, adult female, mounted skin. Loc.: Koor, Key Islands, [Indonesia], 02.ix.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87848, adult male, skin. Loc.: Great Key, [Indonesia], 05.vi.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87849, adult female, skin. Loc.: Great Key, [Indonesia], 02.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87850, immature male, skin. Loc.: Great Key, [Indonesia], 02.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87851, immature female, skin. Loc.: Great Key, [Indonesia], 03.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87852, adult female, skin. Loc.: Little Key, [Indonesia], 18.viii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87853, immature male, skin. Loc.: Little Key, [Indonesia], viii.1865. Leg.: C.B.H. von Rosenberg.

Although given as 1867 in Van den Hoek Ostende *et al.* (1997: 106), volume 29 of the “Natuurkundig Tijdschrift voor Nederlandsch Indië” was already published in 1866 (Mees, 1980). Later in the same year, Schlegel (1866f: 346) listed *aurantiventris*, with

reference to Von Rosenberg as the original author, in synonymy of *P. diadematus* (Temminck, 1835).

***Ptilopus Miquelii*** Schlegel, 1871a: 22. = *Ptilinopus rivoli miquelii* Schlegel, 1871.

Syntype, RMNH.AVES.87822, adult female, mounted skin. Loc.: Jobi, [Indonesia], 29.iv.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87823, adult female, mounted skin. Loc.: Jobi, [Indonesia], 03.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87824, adult male, mounted skin. Loc.: Jobi, [Indonesia], 03.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87825, adult male, mounted skin. Loc.: Jobi, [Indonesia], 03.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87826, adult male, mounted skin. Loc.: Miosnom [= Mios Num], [Indonesia], 08.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87827, adult male, mounted skin. Loc.: Miosnom [= Mios Num], [Indonesia], 10.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87828, adult female, mounted skin. Loc.: Miosnom [= Mios Num], [Indonesia], 11.v.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87829, adult male, mounted skin. Loc.: Miosnom [= Mios Num], [Indonesia], 14.v.1869. Leg.: C.B.H. von Rosenberg.

***Columba roseicapilla*** Lesson, 1831: 472 = *Ptilinopus roseicapilla* (Lesson, 1831).

Syntype, RMNH.AVES.87854, adult male, relaxed mount. Loc.: Guam, Marianne Islands. Leg.:.

Syntype, RMNH.AVES.87855, adult female, relaxed mount. Loc.: Guam, Marianne Islands. Leg.:. Ex: MNHN.

Two other syntypes are in the MNHN (C.G.2002-123 and C.G. 2002-124; Voisin *et al.*, 2004: 115).

The original data has been lost when these specimens were removed from their stands. The more recent labels give “Guam, “Lesson” Schleg.” and additionally “Mus. Paris” for RMNH.AVES.87855. It is unclear what is meant by “Lesson”. It could be a reference to the author or collector. If Lesson is the collector, then these specimens are not part of the type series as Lesson specifically refers to Freycinet (Uranie expedition) for the type series. However, we expect that Lesson would have mentioned any specimens collected by himself, so we assume “Lesson” on the more recent labels refers to the author, not the collector, of *roseicapilla*.

***Ptilopus speciosus*** "von Rosenberg" Schlegel, 1871a: 22. = *Ptilinopus solomonensis speciosus* Schlegel, 1871.

Syntype, RMNH.AVES.87856, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 30.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87857, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 30.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87858, adult male, mounted skin. Loc.: Mefor [= Numfor] I[Indonesia], 31.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87859, adult female, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 31.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87860, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 01.ii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87861, adult male, mounted skin. Loc.: Mefor [= Numfor], [Indonesia], 01.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87862, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 15.iii.1869. Leg.: C.B.H. von Rosenberg.



Syntype, RMNH.AVES.87863, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 23.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87864, adult female, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 23.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87865, adult female, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 23.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87866, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 24.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87867, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 24.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87868, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 27.iii.1869. Leg.: C.B.H. von Rosenberg.

***Columba Superba*** Temminck, 1809: livr. 8, p. 75, pl. 33 = *Ptilinopus superbus superbus* (Temminck, 1809).

Temminck based his description on a single specimen in his cabinet (Temminck, 1807: 143, no. 978) which could not be found in the RMNH. For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010). One female was sent to the SMF in March 1835.

***Ptilopus viridis Geelvinkiana*** Schlegel, 1871a: 23.

***Carpophaga Musschenbroekii*** "von Rosenberg" Schlegel, 1871a: 23 = *Ptilinopus viridis geelvinkianus* Schlegel, 1871.

Syntype, RMNH.AVES.87783, adult male, mounted skin. Loc.: Mefor, [Indonesia], 22.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87784, adult male, mounted skin. Loc.: Mefor, [Indonesia], 02.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87785, immature male, mounted skin. Loc.: Mefor, [Indonesia], 16.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87869, adult male, mounted skin. Loc.: Miosnoum [= Mios Num], [Indonesia], 11.v.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87870, adult male, mounted skin. Loc.: Miosnoum [= Mios Num], [Indonesia], 08.v.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87871, adult male, mounted skin. Loc.: Miosnoum [= Mios Num], [Indonesia], 11.v.1869. Leg.: C.B.H. von Rosenberg.

Schlegel mentioned that he received this series from Von Rosenberg under the manuscript name *Carpophaga Musschenbroekii*. Published as a junior synonym this is not an available name. However, subsequent use as a valid name by Salvadori (1893: 152) made this name available (ICZN 11.6.1).

RMNH.AVES.89422 from Andai, listed as syntype in Van den Hoek Ostende *et al.* (1997: 101) is no longer considered part of the type series because New Guinea itself is not mentioned by Schlegel as type locality.

***Ptilinopus viridis pseudogeelvinkianus*** Junge, 1952: 247 = *Ptilinopus viridis geelvinkianus* Schlegel, 1871.

Holotype, RMNH.AVES.87869, adult male, mounted skin. Loc.: Miosnoum [= Mios Num], [Indonesia], 11.v.1869. Leg.: C.B.H. von Rosenberg.  
 Paratypes, RMNH.AVES.87870-87871.

Junge introduced the name *pseudogeelvinkianus* for the birds from Mios Num and restricted *geelvinkianus* to Numfor.

***Macropygia reinwardtii minor*** Schlegel, 1873b: 106.

***Reinwardtoena reinwardtsi brevis*** Peters, 1937: xiii (*nomen novum*) = *Reinwardtoena reinwardti brevis* Peters, 1937.

Syntype, RMNH.AVES.87874, adult male, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 28.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88926, adult female, mounted skin. Loc.: Soëk [= Biak], [Indonesia], 26.iii.1869. Leg.: C.B.H. von Rosenberg.

Peters introduced *brevis* as a *nomen novum* for *Macropygia reinwardtii minor* Schlegel, 1873 because the latter was preoccupied by *Macropygia unchall minor* Swinhoe, 1870.

***Columba reinwardtsi*** Temminck, 1824: livr. 42, pl. 248.

***Reinwardtoena typica*** Bonaparte, 1857: 59 = *Reinwardtoena reinwardti reinwardti* (Temminck, 1824).

Holotype, RMNH.AVES.87872, adult, sex unknown, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], [26.vi-12.viii.1821]. Leg.: C.G.C. Reinwardt.

The spelling of the specific name *reinwardtsi* is a lapsus (Mees, 1964c). Holotype by monotypy.

Temminck gave Celebes as the origin of the specimen which is obviously an error as the species does not occur there. Reinwardt visited Ambon twice between 26 June 1821 and 12 August 1821.

***Columba miniata*** Temminck, 1813: p. 460 = ?*Spilopelia chinensis chinensis* (Scopoli, 1786).

Temminck based his name on his "Colombe mordorée" (1813: 369) and on the "Grande tourterelle de la Chine" by Sonnerat (1782: 178). The description, including translations in other languages, does not give us conclusive evidence as to the species involved. Schlegel (1873b: 127) placed both Sonnerat's "Grande tourterelle de la Chine" and "Tourterelle grise de la Chine", which is illustrated in Sonnerat (1782: 176) and is indeed *S. chinensis*, in the synonymy of *Turtur* (now *Spilopelia*) *chinensis*, a decision we tentatively follow here.

Temminck (1813) listed names in the index for species in collections he had not seen himself.

***Columba Tigrina*** Temminck, 1809: livr. 9, p. 94, pl. 43 = *Spilopelia chinensis tigrina* (Temminck, 1809).

Temminck's description is based on a specimen in his own collection and two in the MNHN, one from Timor (Baudin expedition) and a specimen from Java reported by Leschenault. One of the MNHN specimens was later sent to the NMW (Jansen, 2018: 270). Hence, Voisin *et al.* (2005: 851) listed a single specimen collected by Dumont (crew-member of the Baudin expedition) as syntype (C.G. 2002-532, now MNHN-ZO-MO-2002-532) (Jansen, 2018: 270), which could well have been seen by Temminck. The specimen in Temminck's own collection seems no longer to be present in the RMNH. One was sent by Temminck to Leuven in 1822 and one the MfN in 1824.

For dating of this name and those of other pigeons and doves by Temminck in

the years 1808-1811, see Dickinson *et al.* (2010).

***Columba Bitorquata*** Temminck, 1809: livr. 9, p. 86, pl. 40 = *Streptopelia bitorquata bitorquata* (Temminck, 1809).

Temminck based his description on a single specimen in the MNHN collected by Maugé which is still there (Voisin *et al.*, 2005: 850, C.G. 2002-536).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba dusumieri*** Temminck, 1823: livr. 32, pl. 188 = *Streptopelia bitorquata dusumieri* (Temminck, 1823).

Syntype, RMNH.AVES.87884, adult, sex unknown, mounted skin. Loc.: “Mariannes”, Philippines. Ex: MNHN.

The spelling of the specific name *dusumieri* is clearly a *lapsus*. Temminck named this species in honour of Dusumier, a miss-spelling for Jean-Jacques Dussumier.

Schlegel (1873b: 120) suggested it originated from the Mariannas, which is an error added to the label.

According to the original description other syntypes are in the MNHN, Voisin *et al.* (2005: 851) listed one syntype (C.G. 2002-537).

***Turtur neglectus*** Schlegel, 1873b: 122 = *Streptopelia decipiens decipiens* (Hartlaub and Finsch, 1870).

Syntype, RMNH.AVES.87885, adult, sex unknown, mounted skin. Loc.: North-east Africa. Leg.: A.B. Clot-Bey.

Syntype, RMNH.AVES.87886, adult, sex unknown, mounted skin. Loc.: North-east Africa. Leg.: A.B. Clot-Bey.

Syntype, RMNH.AVES.87887, adult, sex unknown, mounted skin. Loc.: North-east Africa. Leg.: A.B. Clot-Bey.

Syntype, RMNH.AVES.89423, adult male, mounted skin. Loc.: India [= error]. Leg.: -.

Syntype, RMNH.AVES.89424, adult female, mounted skin. Loc.: India [= error]. Leg.: -.

As the exact type locality is unknown other than “NE Africa”, the name *Turtur neglectus* Schlegel, 1873, is linked to either *Streptopelia decipiens decipiens* (Hartlaub and Finsch, 1870) or *Streptopelia decipiens elegans* (Zedlitz, 1913). Further study is needed into the subspecific characters of the holotype and/or the travel reports of Clot to determine where the doves have been collected. See also *Turtur fallax* Schlegel, 1873, collected during the same expedition.

***Columba lugens*** Rüppell, 1837: 64, pl. 22, fig. 2 = *Streptopelia lugens* (Rüppell, 1837).

Paralectotype, RMNH.AVES.90925.

The lectotype was designated by Steinbacher (1949: 106) and is in SMF (SMF 12603). Paralectotypes are in SMF and NHM (Steinheimer, 2005a: 241).

***Columba gelastis*** Temminck, 1835: livr. 93, pl. 550 = *Streptopelia orientalis orientalis* (Latham, 1790).

Syntype, RMNH.AVES.87882, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
Syntype, RMNH.AVES.87883, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Schifter *et al.* (2007: 153-154) listed two syntypes, received in exchange from the RMNH, in the NMW (NMW 3781 and 37872). One was sent to the SMF in March 1835.

***Columba Alba*** Temminck, 1809: livr. 9: 102, pl. 46. = *Streptopelia roseogrisea* (Sundevall, 1857).

Temminck does not refer to specimens of this white form of a *Streptopelia roseogrisea* (see Van Grouw, 2018).

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Turtur fallax*** Schlegel, 1873b: 124 = *Streptopelia roseogrisea roseogrisea* (Sundevall, 1857).

Holotype, RMNH.AVES.87889, adult, sex unknown, mounted skin. Loc.: North-east Africa. Leg.: A.B. Clot-Bey.

As the exact type locality is unknown other than “NE Africa”, the name *Turtur fallax* Schlegel, 1873 is linked to either *Streptopelia roseogrisea roseogrisea* (Sundevall, 1857) or *Streptopelia roseogrisea arabica* (Neumann, 1904). Further study is needed into the subspecific characters of the holotype and/or the travel reports of Clot to determine where the doves have been collected. See also *Turtur neglectus* Schlegel, 1873.

***Columba humilis*** Temminck, 1824: livr. 44, pl. 258 and 259 = *Streptopelia tranquebarica humilis* (Temminck, 1824).

Temminck referred to specimens from Manilla, Luzon and “Bengale” in the MNHN and RMNH. No specimens could, however, be found in the RMNH.

***Columba Calva*** Temminck, 1811: livr. 14/15, p. 35, pl. 7 = *Treron calvus calvus* (Temminck, 1811).

Holotype, RMNH.AVES.87890, adult, sex unknown, skin. Loc.: Coast of Angola. Ex: Cabinet Temminck.

Holotype by monotypy, as Temminck wrote that he was only aware of the specimen in his cabinet.

***Phalacrotreron delalandii*** Bonaparte, 1854d: 873 = *Treron calvus delalandii* (Bonaparte, 1854).

Possible syntype, RMNH.AVES.87894, adult male, skin. Loc.: Natal, South Africa. Ex: Maison Verreaux, 1867.

Bonaparte (1854d) pointed out that Verreaux and Verreaux (1851: 423) applied the name *Vinago calva* to a different taxon than Temminck did. According to Art. 49, ICZN

(1999) and contrary to Voisin *et al.* (2004: 111-112) this name is not available and has therefore no types. Bonaparte gave the specimen(s) Verreaux and Verreaux described the new name *delalandii* which became available under Art. 12.2. of the Code (ICZN, 1999).

RMNH.AVES.87894 is listed here as a possible syntype as the year of collection is missing making it possible that it was collected later than 1854.

Another syntype is in the MNHN (MNHN 1851-175). It was erroneously considered to be the holotype by Voisin *et al.* (2004: 112).

***Columba capellei*** Temminck, 1822: livr. 24, pl. 143 = *Treron capellei capellei* (Temminck, 1822).

Syntype, RMNH.AVES.87622, adult male, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.87623, adult female, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

According to the original description another syntype (a male) is in the MNHN but is not listed in Voisin *et al.* (2004). Schifter *et al.* (2007: 144) listed a syntype in the NMW which they received in 1823 in exchange with the RMNH. One was sent to the MfN in May 1827.

Reinwardt visited Java several times between April 1816 and March 1822.

***Treron nasica*** Schlegel, 1863d: 67 = *Treron curvirostra nasica* Schlegel, 1863.

Syntype, RMNH.AVES.89431, adult male, mounted skin. Loc.: Martapoera, [Borneo], [Indonesia], x.1836. Leg.: S. Müller.

Syntype, RMNH.AVES.89432, adult male, mounted skin. Loc.: Martapoera, [Borneo], [Indonesia], [28.vii-17.xii.1836]. Leg.: S. Müller.

Syntype, RMNH.AVES.87891, adult male, mounted skin. Loc.: Borneo, [Indonesia], [1843-1848]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.87892, adult male, mounted skin. Loc.: Borneo, [Indonesia], [1851-1858]. Leg.: J.H. Croockewit.

Syntype, RMNH.AVES.87893, adult female, mounted skin. Loc.: Borneo, [Indonesia], [1851-1858]. Leg.: J.H. Croockewit.

According to Schlegel, RMNH.AVES.89431 and 89432 were collected in Martapura, Sumatra. This must be an error as Martapura in Borneo is the island where Müller stayed in 1836.

Müller visited Borneo from 28 July 1836 until 17 December 1836, Schwaner from 1843 until 1848 and Croockewit from 1851 until 1858.

***Columba cinnamomea*** Temminck, 1835: livr. 93 = *Treron fulvicollis fulvicollis* (Wagler, 1827).

Syntype, RMNH.AVES.87895, adult male, mounted skin. Loc.: South Borneo, [Indonesia]. Leg.: S. Müller [= error].

Syntype, RMNH.AVES.87896, adult male, mounted skin. Loc.: South Borneo, [Indonesia]. Leg.: S. Müller [= error].

*C. cinnamomea* is not illustrated in the "Planches Coloriées". Temminck only gave a description.

Müller, whose name occurs on the labels but not on the stand, can not be the collector, since he didn't visit Borneo until 1836. These specimens are presumed to have been collected by either Diard or Henrici (G.F. Mees, in litt.).

***Columba fulvicollis*** Wagler, 1827: [229].

***Columba Aromatica*** Temminck, 1813a: 53 = *Treron fulvicollis fulvicollis* (Wagler, 1827).

Wagler based his name on *Columba aromatica* Var. en *Var. d* by Temminck (1813a: 53, pl. 6; Index 442) and gave Java as its origin. This is not correct. Temminck wrote that a specimen of *aromatica* as well as related doves were sent to him from “Batavia” [= Jakarta]. Temminck referred to this as the port of shipment, not the origin of the specimen or species. Nominate *fulvicollis* occurs in Malaysia and Sumatra.

Three specimens were sent to Leuven in 1822 and 1829 and a skeleton was sent to the SMF in 1827.

*Columba aromatica* Temminck is preoccupied by *Columba aromatica* Gmelin, 1789 = *Treron aromaticus* (Gmelin, 1789).

***Treron sangirensis*** Brüggemann, 1876: 79 = *Treron griseicauda sangirensis* Brüggemann, 1876.

Syntype, RMNH.AVES.87897, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 02.i.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87898, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 02.i.1866. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87899, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 28.x.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87900, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 24.x.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87901, adult female, mounted skin. Loc.: Sanghir, [Indonesia], 26.x.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87902, adult female, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 30.x.1865. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87903, adult male, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 31.x.1865. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87904, adult female, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 26.x.1865. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87905, adult male, mounted skin. Loc.: Siao, Sanghir, [Indonesia], 07.xi.1865. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87906, adult female, mounted skin. Loc.: Siao Oudong, Sanghir, [Indonesia]. Ex: L.D.H.A. Renesse van Duijvenbode, 1866.

Syntype, RMNH.AVES.87907, adult male, mounted skin. Loc.: Siao Luwan, Sanghir, [Indonesia]. Ex: L.D.H.A. Renesse van Duijvenbode, 1866.

***Treron Vordermani*** Finsch, 1901: 162 = *Treron griseicauda vordermani* Finsch, 1901.

Syntype, RMNH.AVES.87910, adult male, skin. Loc.: Ardjasa, Kangean Island, [Indonesia], 02.v.1892. Leg.: A.G. Vorderman, 1896.

Syntype, RMNH.AVES.87911, adult female, skin. Loc.: Kangean Island, [Indonesia], v.1892. Leg.: A.G. Vorderman, 1896.

***Treron pompadori dehaani*** Voous, 1951: 97. In: Van Bemmelen and Voous, 1951: 97 = *Treron griseicauda wallacei* (Salvadori, 1893).



Syntype, ZMA.AVES.8703, adult male, skin. Loc.: Butung I. [= Buton], [Indonesia], viii.1909. Leg.: M. Mohari (75). Ex: J. Elbert.

Syntype, ZMA.AVES.8704, adult female, skin. Loc.: Butung I. [= Buton], [Indonesia], viii.1909. Leg.: M. Mohari (73). Ex: J. Elbert.

Voous (1951) nominated ZMA.AVES.8703 and ZMA.AVES.8704 as the types, thereby excluding all other specimens from the type series. Roselaar and Prins (2000: 101) listed these syntypes as holo- and cotype respectively. As this publication is post 1999 this does not constitute a valid lectotypification (ICZN 74.7).

***Columba olax*** Temminck, 1823: livr. 41, pl. 241 = *Treron olax* (Temminck, 1823).

According to the original description, syntypes are in the MNHN and RMNH. No specimens could, however, be found in the RMNH. Schifter *et al.* (2007: 145; NMW 65884) listed a syntype in the NMW which came in exchange from the RMNH in September 1833.

***Columba oxyura*** “Reinwardt” Temminck, 1823: livr. 41, pl. 240 = *Treron oxyurus* (Temminck, 1823).

Lectotype, RMNH.AVES.212751, adult male, mounted skin. Loc.: Java, [Indonesia], [1820-1823]. Leg.: G. van Raalten.

Paralectotype, RMNH.AVES.212752.

According to the original description the types, collected by Reinwardt and Diard, are in the RMNH and MNHN (MNHN-ZO-2005-2536). There is, however, no specimen in the RMNH from these collectors. We follow, however, Schlegel (1873b: 63) who listed RMNH.AVES.212751 as the type and so designated it the lectotype.

According to a note attached to RMNH.AVES.212752 by G.F. Mees, this specimen agrees more with the plate than RMNH.AVES.212751 and Mees questioned the collecting data given by Schlegel. On the bottom of the stand the original text is very vague, but with certainty does not refer to Boie or Bogor. We follow Mees and list this specimen as a paralectotype. Schifter *et al.* (2007: 144) listed two possible paralectotypes in the NMW (NMW 64788 and 64789) received from the RMNH in exchange in April 1830. One was sent to Leuven in August 1829.

Van Raalten stayed in Java from 1820 - 1827.

***Columba Militaris*** Temminck, 1809: 23, pl.1 = *Treron phoenicopterus phoenicopterus* (Latham, 1790).

Temminck referred to a male in the museum Raye de Breukelerwaert and a female in the MNHN (illustrated specimen). In the sale of the former collection this species is not listed and this specimen could not be found in the RMNH. According to Voisin *et al.* (2004: 112) there is no specimen in the MNHN which could fit as a type either.

***Columba Psittacea*** Temminck, 1808: livr. 1, p. 28, pl. 4 = *Treron psittaceus* (Temminck, 1808).

Temminck based his description on more than 30 specimens from Indonesia. The depicted specimen was from his own cabinet, but is no longer present in the RMNH. One was sent to the MfN in March 1833 and one went to the SMF in March 1835.

***Columba sieboldii*** Temminck, 1835: livr. 93, pl. 549 = *Treron sieboldii sieboldii* (Temminck, 1835).

Syntype, RMNH.AVES.87879, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87880, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87881, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

One was sent to the SMF in March 1835.

***Sphenocercus korthalsi*** Bonaparte, 1857: 9 = *Treron sphenurus korthalsi* (Bonaparte, 1855) [= error for 1857].

Syntype, RMNH.AVES.87876, adult male, mounted skin. Loc.: Mt. Gedeh, Java [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87877, adult female, mounted skin. Loc.: Mt. Gedeh, Java [Indonesia]. Leg.: S. Müller.

***Treron Teysmannii*** Schlegel, 1879d: 103 = *Treron teysmannii* Schlegel, 1879.

Syntype, RMNH.AVES.87908, adult male, skin. Loc.: Sumba, [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann]. Ex: Koloniaal Museum Haarlem, 1875.

Syntype, RMNH.AVES.87909, adult male, skin. Loc.: Sumba, [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann]. Ex: Koloniaal Museum Haarlem, 1875.

***Treron chlorops*** Salvadori, 1874: 288 = *Treron vernans* (Linnaeus, 1771).

Syntype, RMNH.AVES.87912, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], x.1841. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87913, adult male, mounted skin. Loc.: Tjikao, Java, [Indonesia], i.1827. Leg.: H. Boie.

Syntype, RMNH.AVES.87914, adult female, mounted skin. Loc.: Tjikao, Java, [Indonesia], i.1827. Leg.: H. Boie.

***Treron vernans griseicapilla*** Schlegel, 1863d: 71 = *Treron vernans* (Linnaeus, 1771).

Lectotype, RMNH.AVES.87915, adult male, mounted skin. Loc.: Southwest coast of Sumatra, [Indonesia], 1835. Leg.: S. Müller.

Paralectotypes, RMNH.AVES.88927-88942.

According to Peters (1937), Schlegel described this taxon as *Treron griseicapilla*. However, in his discussion on *Treron vernans*, Schlegel made the following remark on birds from Bangka and Sumatra: “Nous les désignerons sous l’épithète supplémentaire de *griseicapilla* (We classify them under the addition of the epithet *griseicapilla*).” The original combination of the taxon is therefore *Treron vernans griseicapilla*. The lectotype was selected by Junge (1936: 6, ft 2). The year in which the specimen was collected given by Junge (1936) as 1853 is an error for 1835.

Ten years after his description, Schlegel (1873b: 49-51) considered *T. vernans* monotypic and “withdrew” his *griseicapilla*. In the second edition of his catalogue, he listed the type specimens of *griseicapilla* under *T. vernans*. See also under *Treron chlorops* Salvadori, 1874.

Van den Bossche visited Bangka from May 1859 until July 1861.

***Treron vernans karimuniensis*** Hoogerwerf, 1962: 196 = *Treron vernans* (Linnaeus, 1771).

Hoogerwerf based his description on a series of 14 specimens, two of which he nominated as “types” (MZB 23918 and 23922), hereby excluding all other specimens from the type series. This also applies to RMNH.AVES.27869 and RMNH.AVES.27870 listed in Van den Hoek Ostende *et al.* (1997: 113) as syntypes.

***Treron vernans parva*** Kloss, 1931: 308 = *Treron vernans* (Linnaeus, 1771).

Holotype, RMNH.AVES.14025, adult male, skin. Loc.: Deli, Sumatra, [Indonesia]. Ex: MZB, 12.i.1950 (MZB 5978).

Kloss gave measurements of six males and four females collected by Van Heyst in Deli. One paratype is the MZB (MZB 5979).

For recognition of subspecies, see under *Treron chlorops* Salvadori, 1874.

***Columba modesta*** Temminck, 1835: livr. 93, pl. 552 = *Turacoena modesta* (Temminck, 1835).

Lectotype, RMNH.AVES.87917, adult male, mounted skin. Loc.: Miromaffo [= Mount Miomaffo], Timor, [Indonesia], ix.1829. Leg.: S. Müller.  
Paralectotype, RMNH.AVES.87916.

Schlegel (1873b: 107) designated the lectotype.

Müller (1842: 154) described how he 'observed' this new species on November 3rd, 1828, on his way to the Radja of Amabie, but apparently did not collect a specimen. The date with RMNH.AVES.87916 must be wrong, as Müller arrived in Timor in October 1828. One was sent to the SMF in March 1835.

***Columba (Peristera) puella*** Schlegel, 1848 (nec Lesson, 1827): 17.

***Turtur brehmeri infelix*** Peters, 1937: xiii, 113 (*nomen novum*) = *Turtur brehmeri infelix* Peters, 1937.

Syntype, RMNH.AVES.87918, adult male, mounted skin. Loc.: Dabocrom, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87919, adult male, mounted skin. Loc.: Dabocrom, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87920, adult female, mounted skin. Loc.: Dabocrom, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Possible syntype, ZMA.AVES.3420, adult, sex unknown, relaxed mount. Loc.: Gold Coast [= Ghana]. Leg.::-.

Schlegel (1848) based his description on three specimens, two collected by Pel and one in the zoological garden of NAM. There are, however, three specimens from Pel in the RMNH with the same data so we list all three as syntype. The bird from NAM could well be ZMA.AVES.3420.

Peters (1937: 113) introduced *Turtur brehmeri infelix* as a *nomen novum* for *Columba (Peristera) puella* Schlegel, 1848.

***Columba Tympanistria*** Temminck, 1809: livr. 8, p. 80, pl. 36. = *Turtur tympanistria* (Temminck, 1809).

Holotype, RMNH.AVES.87921, adult, [female], skin. Loc.: “Pays Auteniquoi” [= South Africa]. Leg.: ? F. Levaillant. Ex: Cabinet Temminck.

Holotype by monotypy. Temminck wrote having received a single specimen from Levaillant.

Van den Hoek Ostende *et al.* (1997: 114) listed two syntypes. We have listed RMNH.AVES.87921 as holotype based on comparison with plate 36. Although the RMNH has a second specimen with the same data from Levaillant, we follow Temminck who referred to a single specimen.

***Columba venusta*** Temminck, 1825, livr. 57, pl. 341, fig. 1 = *Uropelia campestris* (Spix, 1825).

Temminck gave no indication about the number of type specimens or their whereabouts. Two syntypes from the province of Goyas, Brazil, are in the MNHN (Voisin *et al.*, 2005: 854; MNHN-CG-2002-523 and 524).

***Columba Aurita*** Temminck, 1809: livr. 7, p. 60, pl. 25 = *Zenaida aurita aurita* (Temminck, 1809).

Temminck based his description on several specimens. The one illustrated on plate 25 is from the collection of Raye van Breukelerwaert. Its whereabouts are unknown.

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba Carunculata*** Temminck, 1809: p. 19, pl. 11 = not applicable, artefact.

The name was based on an artifact. Temminck referred to a single specimen in the collection of Levaillant.

***Columba Caerulea*** Temminck, 1809: livr. 8, p. 82, pl. 37 = not applicable, artefact.

Temminck based his description on a single specimen in the collection of Holthuizen, which was an artefact.

For dating of this name and those of other pigeons and doves by Temminck in the years 1808-1811, see Dickinson *et al.* (2010).

***Columba Hottentotta*** Temminck, 1809: p. 26, pl. 15. = not applicable, artefact.

Temminck based the name on a fictional description by Levaillant, therefore this name is excluded as a scientific name.

***Columba Auricularis*** Temminck, 1809: livr. 6, p. 54, pl. 21.

***Columba Temminckii*** Wagler, 1827: 241 = not applicable, artefact.

Syntype, RMNH.AVES.87635, adult, sex unknown, mounted skin. Loc.: “Îles de la mer Pacifique”. Ex: Museum Raye van Breukelerwaert.

Syntype, RMNH.AVES.87636, adult, sex unknown, mounted skin. Loc.: “Îles de la mer Pacifique”. Ex: Museum Raye van Breukelerwaert.

The description is based on artefacts. According to Schlegel (1873b: 65) these artefacts are modified domestic pigeons.

Van den Hoek Ostende *et al.* (1997: 85) listed this name as Temminck, 1813: 236. However, *auricularis* was already described on p. 54 and pl. 21 of livraison 6 (1809) of Temminck and Knip *Les Pigeons* (1808-1811).

## GRUIFORMES

### Sarothruridae

***Rallicula rubra*** Schlegel, 1871b: 55. = *Rallicula rubra rubra* Schlegel, 1871.

Syntype, RMNH.AVES.87477, adult male, skin. Loc.: Hattam, Arfak, [Papua], [Indonesia], 13.iv.1870. Leg.: C.B.H. von Rosenberg, 1870.

Syntype, RMNH.AVES.87478, adult female, skin. Loc.: Hattam, Arfak, [Papua], [Indonesia], 13.iv.1870. Leg.: C.B.H. von Rosenberg, 1870.

***Rallus rufus*** Vieillot, 1819e: 564.

***Rallus dimidiatus*** Lesson, 1831: 537 = *Sarothrura rufa rufa* (Vieillot, 1819).

Syntype, RMNH.AVES.87483, adult male, mounted skin. Loc.: “Kaap” [South Africa]. Leg.: F. Levaillant (?).

Syntype, RMNH.AVES.87484, adult female, mounted skin. Loc.: “Kaap” [South Africa]. Leg.: F. Levaillant (?).

Vieillot based this species entirely on Temminck’s description of ‘Le Marouette Piqueté’ in the "Catalogue Systematique" (1807: 266).

### Rallidae

***Rallina isabellina*** Schlegel, 1865b: 16 = *Amaurornis isabellina* (Schlegel, 1865).

Syntype, RMNH.AVES.87431, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87432, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Schlegel nominated two of the five specimens available to him as “type”, excluding all other specimens from the type series.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Gallinula Frankii*** Schlegel, 1879g: 163 = *Amaurornis moluccana moluccana* (Wallace, 1865).

Holotype, RMNH.AVES.87433, adult, sex unknown, mounted skin. Loc.: [Andai], N.W. New Guinea, [Indonesia], [1868-1879]. Leg.: [W.H. Woelders]. Ex: G.A. Frank, 1879.

Holotype by monotypy. Schlegel described how he received a single skin of this new species from the dealer Frank "brought to Europe by one of the Dutch missionaries

residing on the coast of the North-West peninsula of New-Guinea". This must have been missionary Woelders who returned to the Netherlands in February 1879, on leave from Andai, New Guinea, bringing his collection with him.

***Gallinula leucomelana*** Müller, 1842: 158 = *Amaurornis phoenicurus leucomelana* (Müller, 1842).

Syntype, RMNH.AVES.87434, adult male, mounted skin. Loc.: Pritie [= Pariti], Timor, [Indonesia], xii.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.87435, adult male, mounted skin. Loc.: Timor, [Indonesia], 1828. Leg.: S. Müller.

***Didus Brouckei*** Schlegel, 1854b: 345 = *Aphanapteryx bonasia* (Sélys-Longchamps, 1848).

Extinct Red Rail from Mauritius. Based on a plate by Van den Broucke. Spelled as *Broeckei* in Schlegel (1854c: 256).

***Gallinula oclea*** Hartlaub, 1855: 357 = *Canirallus ocleus* (Hartlaub, 1855).

Syntype, RMNH.AVES.87436, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana], ii.1843. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87437, adult female, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87438, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana], iii.1850. Leg.: H.S. Pel.

***Didus Herbertii*** Schlegel, 1854b: 346 = *Erythromachus leguati* (Milne-Edwards, 1874).

Extinct Leguat's Rail from Rodrigues Island. Based on a plate by Herbert. Schlegel's name from 1854 should have priority over Milne-Edwards' name *leguati* which was published 20 years later.

***Fulica atra japonica*** Temminck and Schlegel, 1849: p. 120, pl. 77 = *Fulica atra atra* Linnaeus, 1758.

Syntype, RMNH.AVES.87439, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87440, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Page 120 as well as plate 77 of the 'Fauna Japonica' appeared in 1849 (Holthuis and Sakai, 1970). See also Mlíkovský (2012b) and Dekker *et al.* (2001).

According to Schlegel (1865b: 61) RMNH.AVES.87440 is the depicted specimen.

***Fulica lugubris*** Müller, 1847c: 454 = *Fulica atra lugubris* Müller, 1847.

Syntype, RMNH.AVES.87441, adult male, mounted skin. Loc.: Tjimahi [= Lake Cimahi], West Java, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87442, adult male, mounted skin. Loc.: Tjimahi [= Lake Cimahi], West Java, [Indonesia]. Leg.: S. Müller.



Müller's work was published in parts, with p. 281-472 published in 1847.

***Gallinula haematopus*** Schlegel, 1865b: 44 = *Gallinula tenebrosa frontata* Wallace, 1863.

Holotype, RMNH.AVES.87443, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [ix-xi.1821]. Leg.: C.G.C. Reinwardt.  
Paratypes, RMNH.AVES.88943-88957.

There is also a paratype in the NMW (NMW 48690; see Schifter *et al.*, 2007: 117).

Reinwardt visited North Celebes from September 1821 until November 1821.

***Rallus etorques*** "Temminck" Schlegel, 1865: 23 = *Gallirallus philippensis philippensis* (Linnaeus, 1766).

Syntype, RMNH.AVES.225199, adult male, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.226924, adult female, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], [22.iii.1840-19.vi.1841]. Leg.: E.A. Forsten.

Schlegel published this manuscript name by Temminck in synonymy of *Gallirallus philippensis*.

Forsten visited the Tondano area from 22 March 1840 - 19 June 1841.

***Hypotaenidia philippensis xerophila*** van Bemmelen and Hoogerwerf, 1940: 470 = *Gallirallus philippensis xerophilus* (van Bemmelen and Hoogerwerf, 1940).

Holotype, RMNH.AVES.14030, adult female, skin. Loc.: Gunung Api, Banda Sea, [Indonesia], 09.viii.1938. Ex: MZB, 12.i.1950 (MZB 12364).

There are two paratypes in the MZB (MZB 12365, 12366).

***Stictolimnas Sharpei*** Büttikofer, 1893: 274 = *Gallirallus philippensis subsp.*

Holotype, RMNH.AVES.87485, adult, sex unknown, mounted skin. Loc.: South America [= error]. Leg.: G.A. Frank, 1865.

This species is only known from the holotype. Olson (1986) placed it in the genus *Gallirallus*. The locality is clearly an error. Olson speculated that it may well have been collected on one of the Greater Sunda Islands. This is also the type species for the genus name *Stictolimnas* Büttikofer, 1893.

It is now considered a melanistic colour morph of the Buff-banded Rail *Gallirallus philippensis* after genetic studies revealed that it is "genetically indistinguishable" from *G. philippensis* (den Tex and Dekker, 2007. Sharpe's Rail's Riddle, unpubl.). See Hume and van Grouw (2014: 172-173) for further details.

***Hypotaenidia Jentinki*** Sharpe, 1893: 268 = *Gallirallus torquatus sulcirostris* (Wallace, 1863).

Holotype, RMNH.AVES.87482, adult female, mounted skin. Loc.: Soela Mangoli, [Indonesia], 27.xi.1864. Leg.: D.S. Hoedt.

***Rallus Hoeveni*** von Rosenberg, 1866: 144 = *Gymnocrex plumbeiventris plumbeiventris* (Gray, 1862).

Holotype, RMNH.AVES.87444, adult female, mounted skin. Loc.: Wonoembai, [Kobroor], Aru Isl., [Indonesia], 03.vi.1865. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy.

Although given as 1867 by Van den Hoek Ostende *et al.* (1997: 63), volume 29 of the “Natuurkundig Tijdschrift voor Nederlandsch Indië” was published in 1866.

In the same year, *hoeveni* was described again by Schlegel (1866f: 349) who referred to Von Rosenberg as the original author of *hoeveni*. Von Rosenberg indicated the specimen as being a male. The stand and label, in Schlegels’ handwriting, both give “female” though. Von Rosenberg also described the egg of this species in the RMNH, but no egg has been found collected by Von Rosenberg.

***Rallina rosenbergii*** Schlegel, 1866b: 212 = *Gymnocrex rosenbergii* (Schlegel, 1866).

Holotype, RMNH.AVES.87445, adult male, skin. Loc.: Kema, Celebes [= Sulawesi], [Indonesia], 06.x.1864. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy. Schlegel wrote having received “un individu”.

***Himantornis haematopus*** Hartlaub, 1855: 357 = *Himantornis haematopus* Hartlaub, 1855.

Syntype, RMNH.AVES.87446, adult male, mounted skin. Loc.: Elmina, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87447, adult female, mounted skin. Loc.: Dabocrom, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87448, adult female, mounted skin. Loc.: Dabocrom, Côte d’Or [= Ghana], ii.1843. Leg.: H.S. Pel.

Hartlaub only mentioned Dabocrom in his description, but also described a male specimen. Therefore, the only male specimen, although from Elminia, is also included in the type series.

***Rallus exilis*** Temminck, 1831, livr. 88, pl. 523 = *Laterallus exilis* (Temminck, 1831).

The holotype (by monotypy) is in the MNHN (Voisin and Voisin, 2015: 67, C.G. 2011-539).

***Corethrura rubra*** Sclater and Salvin, 1860: 300 = *Laterallus ruber* (Sclater and Salvin, 1860).

Paralectotype, RMNH.AVES.90930.

Sclater and Salvin gave no indication of the number of specimens available to them. Warren (1966: 249) listed a specimen in the NHM (NHMUK 1889.11.20.124) as holotype, thereby selecting it as lectotype.

***Rallus pectoralis connectens*** Junge, 1952: 247 = *Lewinia pectoralis mayri* (Hartert, 1930).

Holotype, RMNH.AVES.18761, adult male, skin. Loc.: Paniai, [Papua], [Indonesia], 06.xi.1939. Leg.: Dutch New Guinea Expedition 1939, x.1951.

Junge (1952: 247) erroneously nominated the same specimen (RMNH.AVES.19267) as the type for two new taxa: *Porzana pusilla mayri* and *Rallus pectoralis connectens*. As RMNH.AVES.19267 is a specimen of *Porzana pusilla*, the error is made in reference to this specimen as the type of *connectens*. We have corrected this by listing RMNH.AVES.18761 here instead as the holotype of *connectens* as its label has “Type” written on it in Junge’s handwriting indicating he intended this specimen to be the (holo)type.

***Rallus pectoralis*** Temminck, 1831, livr. 88, text to plate 523 = *Lewinia pectoralis pectoralis* (Temminck, 1831).

Type specimen from Australia, collected by Lesueur in 1801, in the MNHN (MNHN-ZO-2011-539). See Jansen (2018: 296) for details.

***Gallinula angulata*** Sundevall, 1850: 454. = *Paragallinula angulata* (Sundevall, 1850).

Paralectotypes, RMNH.AVES.229709-229710.

Gyldenstolpe (1926: 107) selected the lectotype by listing an adult male (NRM 569826) in the NRM as type.

***Rallus Ricordi*** Schlegel, 1865b: 8.

***Rallus Ricordi*** Bonaparte, 1856b: 598 = *Pardirallus sanguinolentus subsp.* (Swainson, 1838).

Holotype, RMNH.AVES.87449, adult, sex unknown, mounted specimen. Loc.: St. Domingue (= error?). Leg.: A. Ricord.

Bonaparte (1856) published this name as a *nomen nudum* in the index only, without any further description. Schlegel (1865b: 8, 9) published it later in the synonymy of *Rallus caesius* Tschudi (= *Pardirallus sanguinolentus subsp.*). The locality Santo Domingo [Dominican Republic] is considered an error as this species does not occur there. Santo Domingo might therefore refer to places of similar name in either Chili or Ecuador.

***Gallinula porphyrio*** Hartlaub, 1855: 357 = *Porphyrio alleni* Thomson, 1842.

Syntype, RMNH.AVES.87469, adult male, mounted skin. Loc.: Elmina, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

***Porphyrio minutus*** von Heuglin, 1863a: 169 = *Porphyrio alleni* Thomson, 1842.

Syntype, RMNH.AVES.148249, adult male, mounted skin. Loc.: Upper Nil [Sudan], iii.1863. Leg.: Th. von Heuglin, 1865.

Syntype, RMNH.AVES.227331, adult male, mounted skin. Loc.: Upper Nil [Sudan], iii.1863. Leg.: Th. von Heuglin, 1866.

***Porphyrio bemmeleni*** Büttikofer, 1889c: 192 = *Porphyrio indicus* Horsfield, 1821.

Holotype, RMNH.AVES.87458, adult female, mounted skin. Loc.: Lake Toba, Sumatra, [Indonesia].  
Ex: Rotterdam Zoo, 29.v.1889.

Holotype by monotypy. Büttikofer based his description on a single specimen: "Some days ago our Museum received a probably fully adult female of *Porphyrio*".

***Porphyrio smaragdinus*** Temminck, 1827: livr. 71, pl. 421 (*nomen novum*) = *Porphyrio indicus* Horsfield, 1821.

Temminck published *smaragdinus* as an unnecessary *nomen novum* for *Porphyrio indicus* Horsfield, 1821.

***Porphyrio smaragnotus*** Temminck, 1820b: 700 = *Porphyrio madagascariensis* (Latham, 1801).

Syntype, RMNH.AVES.87452, adult male, mounted skin. Loc.: "Kaap" [South Africa]. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.87453, adult female, mounted skin. Loc.: "Kaap" [South Africa]. Ex: Cabinet Temminck.

RMNH.AVES.87454, an immature from South Africa, listed in Van den Hoek Ostende *et al.* (1997: 64) as syntype is no longer considered to be part of the type series as any evidence is lacking. One arrived in the MfN in April 1825 and one in Groningen in May 1847.

***Porphyrio chloronotus*** Brehm, 1855: 293 = *Porphyrio madagascariensis* (Latham, 1801).

Syntype, RMNH.AVES.226479, adult male, mounted skin. Loc.: Egypt. Leg. A.E. Brehm,

According to Schlegel (1865b: 54) this is one of the types of *chloronotus*.

***Porphyrio bellus*** Gould, 1841a: 176 = *Porphyrio melanotus bellus* Gould, 1841.

Paralectotypes, RMNH.AVES.227274-227275.

Stone (1913:136) selected the lectotype in the collection of the ANSP (ANSP 6401). Van den Hoek Ostende *et al.* (1997: 64) erroneously referred to RMNH.AVES.87457 as a paralectotype which is not part of the type series.

***Porphyrio melanopterus*** Bonaparte, 1856b: 599 = *Porphyrio melanotus melanopterus* Bonaparte, 1856.

Syntype, RMNH.AVES.87461, adult male, mounted skin. Loc.: Kaibobo, Ceram, [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87462, adult male, mounted skin. Loc.: Kaibobo, Ceram, [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87463, adult female, mounted skin. Loc.: Kaibobo, Ceram, [Indonesia]. Leg.: E.A. Forsten.

Forsten visited Seram late 1842.

***Porphyrio porphyrio plessenorum*** Neumann, 1941: 109 = *Porphyrio melanotus melanopterus* Bonaparte, 1856.

Holotype, RMNH.AVES.9862, adult male, skin. Loc.: Bratan, Bali, [Indonesia], 19.i.1938. Leg.: V. von Plessen, 15.xi.1941.

There are three paratypes in the MTD (MTD C44724, C45528, C45529. Eck and Quaisser, 2004: 243).

***Porphyrio melanotus*** Temminck, 1820: 701 = *Porphyrio melanotus melanotus* Temminck, 1820.

Temminck gave no reference to the specimens he described.

***Porphyrio neglectus*** Schlegel, 1865b: 53 = *Porphyrio poliocephalus poliocephalus* (Latham, 1801).

Syntype, RMNH.AVES.87455, adult, sex unknown, mounted skin. Loc.: Travancore, near Cape Comorin [Kanniyakumari], Hindustan, India. Leg.: -.

Syntype, RMNH.AVES.87456, adult, sex unknown, mounted skin. Loc.: Hindustan, India. Leg.: Schaufuß, 1863.

In the original description, Schlegel gave Nepal as the origin for RMNH.AVES.87456. However, on the label of this specimen (Schlegel's catalogue number 2) Hindustan is given.

***Porphyrio hyacinthinus*** Temminck, 1820: 698 = *Porphyrio porphyrio* (Linnaeus, 1758).

Temminck gave no reference to the specimens he described: the RMNH does not hold specimens from Europe dated prior to 1820.

***Porphyrio caesius*** Schlegel, 1865b: 52 = *Porphyrio porphyrio* (Linnaeus, 1758).

Syntype, RMNH.AVES.87464, adult, sex unknown, mounted skin. Loc.: Sicily, Italy. Leg.: F. Cantraine.  
Syntype, RMNH.AVES.87465, adult, sex unknown, mounted skin. Loc.: Sicily, Italy, [1833]. Leg.: F. Cantraine.

Syntype, RMNH.AVES.87466, adult, sex unknown, mounted skin. Loc.: Sicily, Italy, [1833]. Leg.: F. Cantraine.

Syntype, RMNH.AVES.87467, immature, mounted skin. Loc.: Sicily, Italy, [1833]. Leg.: F. Cantraine.

Cantraine visited Sicily in 1833.

***Porphyrio pulverulentus*** Temminck, 1826: livr. 68, pl. 405 = *Porphyrio pulverulentus* Temminck, 1826.

Syntype, RMNH.AVES.87468, adult, sex unknown, mounted skin. Loc.: Philippines. Leg.: -.

Temminck described this species as occurring from Senegal to South Africa, which is erroneous as this species is from the Philippines. According to the original description other syntypes are in the MNHN but are not listed in Voisin and Voisin (2015). RMNH.AVES.87468 is the depicted specimen on plate 405.

***Rallus olivaceus*** Vieillot, 1819: 561 = *Porzana albicollis typhoea* Peters, 1932.

According to Stresemann (1953: 328) Vieillot based this species on the description of "Le Rale d'eau de St. Domingue" in Temminck's catalogue (1807: 177, 265). This specimen is not found in the RMNH. Stresemann restricted the type locality to Guiana. Hellmayr and Conover (1942: 364) did not consider *olivaceus* to belong to *albicollis* giving priority to *typhoea* Peters, 1932 as currently by the IOC.

***Erythra cinerea media*** Schlegel, 1865b: 33 = *Porzana cinerea* (Vieillot, 1819).

Holotype, RMNH.AVES.90976, adult male, mounted skin. Loc.: Borneo, [Indonesia]. Leg.: -.

Holotype by monotypy. Schlegel published this manuscript name given by Bonaparte and listed only RMNH.AVES.90976 as the type.

***Erythra cinerea minima*** Schlegel, 1865b: 34 = *Porzana cinerea* (Vieillot, 1819).

Holotype, RMNH.AVES.87451, adult female, mounted skin. Loc.: Utanata, [Papua], [Indonesia], vi.1828. Leg.: S. Müller.

Holotype by monotypy. Schlegel published this manuscript name by Bonaparte and listed only RMNH.AVES.87451 as the type.

***Gallinula erythrothorax*** Temminck and Schlegel, 1849: p. 121, pl. 78 = *Porzana fusca erythrothorax* (Temminck and Schlegel, 1849).

Syntype, RMNH.AVES.87471, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87472, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87473, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87474, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87475, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87476, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Gallinula rubiginosa*** Temminck, 1825: livr. 60, pl. 357 = *Porzana fusca fusca* (Linnaeus, 1766).

Syntype, RMNH.AVES.87470, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

***Porzana pusilla mayri*** Junge, 1952: 247 = *Porzana pusilla mayri* Junge, 1952.

Holotype, RMNH.AVES.19267, adult male, skin. Loc.: Paniai, [Papua], [Indonesia], 04.xi.1939. Leg.: Dutch New Guinea Expedition 1939.



Junge (1952: 247) erroneously nominated the same specimen (RMNH.AVES.19267) as the type for two new taxa: *Porzana pusilla mayri* and *Rallus pectoralis connectens*. As RMNH.AVES.19267 is a specimen of *Porzana pusilla*, the error is made in the nomination of the type of *connectens*, which we further discuss under that name.

***Rallus Sandwichensis*** Gmelin, 1789: 717.

***Rallus obscurus*** Gmelin, 1789: 718.

***Pennula Wilsoni*** Finsch, 1898: 77 = *Porzana sandwichensis* (Gmelin, 1789).

Lectotype for *sandwichensis*, syntype for *obscurus* and *Wilsoni*, RMNH.AVES.87450, adult, sex unknown, mounted skin. Loc.: Sandwich Islands [= Hawaii]. Leg.: - [Capt. J. Cook voyage?].

Sharpe (1893: 269) selected the Leiden specimen as the lectotype for *sandwichensis*, by naming it "the typical specimen". This lectotypification has been overlooked by Olsen (1994) and Jansen and Roe (2013) below.

Jansen and Roe (2013) summarised their paper on the RMNH specimen as follows: "The provenance of the two types in Leiden and Vienna" [ed.: NMW 50.728, received from Temminck in 1821] "is shrouded in mystery, as their early history is incomplete, and both changed hands before reaching their current destinations. Furthermore, one or both specimens were originally described as *Rallus obscurus* Gmelin, 1789, a synonym of *Porzana sandwichensis*". They concluded that "Due to the lack of proper documentation and hence our inability to definitively link either of Latham's original descriptions to a specific specimen, the RMNH and NMW specimens should henceforth be regarded as syntypes of *Rallus sandwichensis* Gmelin, 1789 and *R. obscurus* Gmelin, 1789".

Olsen (1994) reached the same conclusion as Jansen and Roe (2013): "One or both of these are types of *Rallus sandwichensis* Gmelin..." (Olsen, 1994).

Finsch started his discussion on the "Sandwich rail" in the RMNH introducing a new name for *Crex sandwichensis* Schlegel (1865b: 25) and referring to "Schlegel's type". Introducing a new name was necessary according to Finsch because he questioned the validity of the origin of this specimen and thus the validity of the epithet *sandwichensis* following Newton in the opinion that none of Cook's specimens had survived.

***Rallina minahasa*** Wallace, 1863a: 346 = *Rallina eurizonoides minahasa* Wallace, 1863.

Syntype, RMNH.AVES.87479, adult male, mounted skin. Loc.: Minahassa, Celebes [= Sulawesi], [Indonesia]. Leg.: A.R. Wallace.

Another syntype is in the NHM (NHMUK 1873.5.12.2359).

***Gallinula eurizona*** Temminck, 1826: livr. 70, pl. 417 = *Rallina fasciata* (Raffles, 1822).

Syntype, RMNH.AVES.87480, adult male, mounted skin. Loc.: Java, [Indonesia], [vi.1826-ix.1827]. Leg.: [H. Boie].

Syntype, RMNH.AVES.87481, adult female, mounted skin. Loc.: Java, [Indonesia], [vi.1826-ix.1827]. Leg.: [H. Boie].

In the index of the "Planches Coloriées" Temminck refers to this bird as *Gallinula eurizonia*. Schifter *et al.* (2007: 114) listed a possible syntype in the NMW (NMW 71129).

According to Schlegel (1865b: 19) these specimens were collected by Boie, who visited Java from June 1826 until September 1827.

***Rallus abyssinicus*** Rüppell, 1845: 127, pl. 46 = *Rougetius rougetii* (Guérin-Méneville, 1843).

Paralectotype, RMNH.AVES.90931.

The lectotype was designated by Steinbacher (1949: 105) and is in the SMF (SMF 12711). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 239). Steinheimer (2005a: 239) mentioned another possible paralectotype in the RMNH, but there is no other specimen which could fit as a type.

## Gruidae

***Grus cinerea longirostris*** Temminck and Schlegel, 1849: p. 117.

***Grus Schlegelii*** Blyth, 1873: 419 = *Antigone canadensis canadensis* (Linnaeus, 1758).

Holotype, RMNH.AVES.87425, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Holotype by monotypy. Temminck and Schlegel (1849: 118) received a single specimen from Japan. Plate 72 illustrating the holotype was published after the text (Mlíkovský, 2012b).

Blyth (1873) based his description on the plate of *Grus cinerea longirostris* of Temminck and Schlegel (1850).

***Grus leucauchen*** Temminck, 1828: livr. 76, pl. 449 = *Antigone vipio* (Pallas, 1811).

Syntype, RMNH.AVES.87429, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Schifter *et al.* (2007: 109) listed a possible syntype collected by von Siebold which arrived in the NMW (NMW 70930) in September 1833. For more information on Siebold's collection see Holthuis and Sakai (1970), Dekker *et al.* (2001) and Morioka *et al.* (2005). A specimen was exchanged with the MNHN in March 1836. One was sent to the MfN in March 1833.

***Grus monacha*** Temminck, 1835: livr. 94, pl. 555 = *Grus monacha* Temminck, 1835.

Syntype, RMNH.AVES.87426, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Temminck referred to three specimens collected by Von Siebold and Bürger of which RMNH.AVES.87426 is the only one still present in the RMNH. One was sent to the SMF in March 1835 and one to the MNHN in April 1835.

## PODICIPEDIFORMES

## Podicipedidae

*Podiceps rubricollis major* Temminck and Schlegel, 1844: 122, pl. 78B = *Podiceps grisegena holbollii* Reinhardt, 1853.

Syntype, RMNH.AVES.107498, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.107499, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.107500, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

## PHOENICOPTERIFORMES

### Phoenicopteridae

*Phoenicopus antiquorum* Temminck, 1820: Man. d'Orn. 2: 587. = *Phoenicopus roseus* Pallas, 1811.

*Nomen nudum* (Grant and Mackworth-Praed, 1933: 17).

## CHARADRIIFORMES

### Turnicidae

*Turnix hottentottus* Temminck, 1815a: 636 = *Turnix hottentottus* Temminck, 1815.

Possible syntype, RMNH.AVES.87416, adult, sex unknown, mounted skin. Loc.: "Cap", [South Africa]. Leg.: -.

Possible syntype, RMNH.AVES.87417, adult, sex unknown, mounted skin. Loc.: "Cap", [South Africa]. Leg.: -.

Possible syntype, RMNH.AVES.87418, adult, female, mounted skin. Loc.: "Cap", [South Africa]. Leg.: -.

Temminck based his description on two specimens in his own cabinet collected by Levaillant (Temminck, 1807: 160). The RMNH houses three instead of two specimens with no other data than "Cap" and reference to their type status. Based on this limited information we list them here as types. RMNH.AVES.87418 is added here tentatively as it is the only specimen of which the sexe, which is not referred to by Temminck, is indicated under the stand and as it differs in plumage being much more orange on the breast which is not described either.

*Hemipodius maculosus* Temminck, 1815a: 631.

*Turnix Maculatus* Vieillot, 1823: 330 = *Turnix maculosus maculosus* (Temminck, 1815).

Syntype, RMNH.AVES.87424, adult female, mounted skin. Loc.: "Oceania" [= Kupang Bay, West Timor, Indonesia]. Leg.: [Baudin Expedition, R. Maugé, 22.viii.1801-13.xi.1801].

According to the label this specimen is a male from 'Oceania'. However, in his description Temminck refers to 'Nouvelle Hollande' as the type locality. According to

Peters (1934: 144) this should be Timor, Indonesia. The specimen has later been identified as a female, which is correct.

Jansen (2017: 476) identified this specimen as part of the material gathered by René Maugé during the Baudin Expedition (1801-1804). It was collected near Kupang, West-Timor between 22 August and 13 November 1801. Temminck based his description on one specimen in his own collection and three syntypes in the MNHN of which only one can be found in the database (MNHN-ZO-2011-543: photo in Jansen (2018: 354)).

***Hemipodius nanus*** Sundevall, 1850: 110. = *Turnix nanus* (Sundevall, 1850).

Syntype, RMNH.AVES.229704, adult male, mounted skin. Loc.: South Africa. Leg.: J.A. Wahlberg.

***Hemipodius thoracicus*** Temminck, 1815a: 622. = *Turnix ocellatus subsp.* (Scopoli, 1786)

Temminck based his name on a single specimen from Luzon in the MNHN, but according to him it is no longer there. It is not listed in Voisin and Voisin (2015).

As two subspecies occur on Luzon, it is unclear to which of these two, *T. o. ocellatus* (Scopoli, 1786) or *T. o. benguetensis* Parkes, 1968, *thoracicus* referred.

***Hemipodius fasciatus*** Temminck, 1815: 634. = *Turnix suscitator fasciatus* (Temminck, 1815).

According to Temminck he had seen a single specimen in the MNHN. No type for *fasciatus* is listed in Voisin and Voisin (2015) though.

***Hemipodius pugnax*** Temminck, 1815a: 612 = *Turnix suscitator suscitator* (Gmelin, 1789).

Syntype, RMNH.AVES.87419, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.87420, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.87421, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Temminck also mentions a syntype in the MNHN.

***Turnix suscitator baweanus*** Hoogerwerf, 1962: 199 = *Turnix suscitator suscitator* (Gmelin, 1789).

Hoogerwerf nominated a male and a female in the collection in MZB as “types” thereby excluding all other specimens from the type series, including RMNH.AVES.27865 and 27866, listed in Van den Hoek Ostende *et al.* (1997: 59) as syntypes.

Sudaryanti *et al.* (2006) designated a lectotype (MZB 22783) from the two syntypes in the MZB. However, the mere fact that Hoogerwerf did not select a holotype in his description is not a valid reason for a lectotype designation after 1999 (ICZN Recommendation 74G).

***Turnix suscitator kuiperi*** Chasen, 1937: 208 = *Turnix suscitator suscitator* (Gmelin, 1789).

Holotype, RMNH.AVES.14029, adult female, skin. Loc.: Gunung Liang, Billiton, [Indonesia], 09.ii.1936. Leg.: F.J. Kuiper. (292). Ex: MZB, 12.i.1950 (MZB 16329).  
Paratypes, RMNH.AVES.25422, ZMA.AVES.47874-47875, ZMA.AVES.47929.

Fourteen specimens were examined by Chasen.

***Hemipodius dussumier*** Temminck, 1828: livr. 76, pl. 454, fig. 2 = *Turnix sylvaticus dussumier* (Temminck, 1828).

Syntype, RMNH.AVES.87422, adult female, mounted skin. Loc.: Bengal. Leg.: J.-J. Dussumier.  
Syntype, RMNH.AVES.87423, adult female, mounted skin. Loc.: Bengal. Leg.: J.-J. Dussumier.

According to the original description other syntypes are in the MNHN.

***Hemipodius tachydromus*** Temminck, 1815a: 626. = *Turnix sylvaticus sylvaticus* (Temminck, 1815).

Temminck referred to specimens in his cabinet, which no longer seem to be present in the RMNH.

***Hemipodius lunatus*** Temminck, 1815a: 629 = *Turnix sylvaticus sylvaticus* (Temminck, 1815).

Temminck referred to a single specimen in the Leverian museum.

***Turnix joudera*** Gray, 1846: 129 = *Turnix tanki tanki* Blyth, 1843.

Syntype, RMNH.AVES.227458, adult sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
Syntype, RMNH.AVES.227459, adult sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
Syntype, RMNH.AVES.227460, adult sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Gray published this name based on a description and plate by Hodgson in *Bengal Sporting Magazine* (1838), in which Hodgson did not provide his description with a scientific name. According to Gray (1846: preface) his catalogue described the collection of Hodgson and "the types of the specimens described in that gentleman's various scientific papers". A series of specimens was selected for the NHM and duplicates were distributed to various other museums, including the RMNH (erroneously called "Museum of the University of Leyden").

***Hemipodius nigrifrons*** Temminck, 1815a: 610 = *Turnix cf tanki* Blyth, 1843.

According to Temminck the holotype (by monotypy) is in the MNHN. It is not listed in Voisin and Voisin (2015) and has not been noticed during recent visits or found in register books by J. Jansen (pers. comm., 24.xi.2020). However, Van Grouw (pers. comm., 2022) has found the alleged specimen (AC. 2012-159) and considers it to be an artefact.

Its identification is a mystery. According to Temminck's description it originated from India. Vieillot and Oudart (1843) plate 218 shows a *Turnix* with a remarkably bold black-and-white forehead (as in *Pterocles quadricinctus*), as in Temminck's description and in Stephens (1819: 388-389). This pattern can not be linked to any *Turnix* species, be it from India, where only three species occur, or

elsewhere. As the body parts most closely resemble *T. tanki* Blyth, 1843, we have listed it here provisionally under that name.

### Burhinidae

***Oedictnemus maculosus*** Temminck, 1824: livr. 49, pl. 292 = *Burhinus capensis maculosus* (Temminck, 1824).

Syntype, RMNH.AVES.87559, adult, sex unknown, mounted skin. Loc.: Senegambie. Leg.: -.

According to the original description other syntypes are in the MNHN, MfN and SMF.

***Oedictnemus affinis*** Rüppell, 1837c: 210 = *Burhinus capensis maculosus* (Temminck, 1824).

According to the correspondence in the RMNH archives (letter by Rüppell to Temminck dated 15.x.1837) the RMNH must have received one (type) specimen of this newly described taxon. Since there is no specimen in the collection which fits as type it must be considered lost.

***Oedictnemus crepitans*** Temminck, 1815b: 322 = *Burhinus oedictnemus oedictnemus* (Linnaeus, 1758).

Possible syntype, RMNH.AVES.258648, adult, sex unknown, mounted skin. Loc.: Europe. Leg.: -.

Although any information about the origin or location of the specimen is lacking, we list it here as a possible syntype because of Temminck's handwriting and Schlegel's confirmation to *Oedictnemus crepitans* on the stand and in Schlegel (1865a: 20).

***Oedictnemus büttikoferi*** Reichenow, 1898: 182 = *Burhinus vermiculatus buettikoferi* (Reichenow, 1898).

Syntype, RMNH.AVES.87560, adult male, skin. Loc.: Fisherman Lake, Liberia, 15.iii.1881. Leg.: J. Büttikofer and C.F. Sala.

Syntype, RMNH.AVES.87561, adult male, skin. Loc.: Marfa [= Mafa] River, Grand Cape Mountain, Liberia, 18.viii.1881. Leg.: J. Büttikofer and C.F. Sala.

Although Sala is also mentioned on the label of RMNH.AVES.87561, he can not have been the collector as he died two months earlier on June 10<sup>th</sup>, 1881.

### Chionidae

***Chionis minor*** Hartlaub, 1841: 5 = *Chionis minor minor* Hartlaub, 1841.

Holotype, RMNH.AVES.87568, adult, sex unknown, skin. Loc.: Kerguelen Islands. Ex: G.A. Frank.

Holotype by monotypy. Hartlaub wrote that he found a single specimen in the Leiden collection.

### Haematopodidae



***Haematopus niger*** "Cuvier" Temminck, 1820: 131 (nec Pallas).

***Haematopus moquini*** Bonaparte, 1856a: 1020 (*nomen novum*) = *Haematopus moquini* Bonaparte, 1856.

*Haematopus moquini* Bonaparte is a *nomen novum* for *Haematopus niger* Temminck. Both names are based on “black oystercatchers” referred to by Cuvier without specifically referring to specimens. Hence Temminck’s and Bonaparte’s names do not have types.

***Haematopus palliatus*** Temminck, 1820b: 532 = *Haematopus palliatus palliatus* Temminck, 1820.

Syntype, RMNH.AVES.87491, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.87492, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

The type locality was restricted to Rio de Janeiro by Berlepsch (1908: 304).

### Recurvirostridae

***Recurvirostra rubricollis*** Temminck, 1820b: 592 = *Recurvirostra novaehollandiae* Vieillot, 1816.

According to Gouraud (2015: 148) Temminck based his description on the same specimens as Vieillot did for *Recurvirostra novaehollandiae*. However, Temminck gave no indication for this as he mentioned that this species is represented in many collections under the name *R. americana*.

### Charadriidae

***Charadrius azarai*** Temminck, 1823, livr. 31, pl. 184 = *Charadrius collaris* Vieillot, 1818.

We have no indication of the whereabouts of the type(s) of *Charadrius azarai* Temminck, 1823.

***Charadrius pyrrhothorax*** Gould, 1837: pl. 299 = *Charadrius mongolus* subsp.

Syntype, RMNH.AVES.87493, adult male, mounted skin. Loc.: St. Petersburg, Russia. Leg.: J.F. Brandt.

It is not clear which subspecies of *C. mongolus* is involved here.

***Charadrius pecuarius*** Temminck, 1823, livr. 31, pl. 183 = *Charadrius pecuarius* Temminck, 1823.

Temminck referred to Levaillant’s travels in South Africa. We have no indication of the whereabouts of the type specimens.

***Charadrius peronii*** Schlegel, 1865a: 33 = *Charadrius peronii* Schlegel, 1865.

Lectotype, RMNH.AVES.87494, adult male, skin. Loc.: Samau, [Indonesia], iii.1828. Leg.: S. Müller. Paralectotypes, RMNH.AVES.87495-87502, 87503-87506 (= *Charadrius javanicus* Chasen, 1938).

The specimens from Samau were designated lectotype and allotype by Junge (1936). Müller stayed on Borneo from 28 July until 17 December 1836, Kuhl and Van Hasselt travelled together on Java between December 1820 and September 1821. Crookewit visited Borneo between 1851 and 1856.

***Charadrius peronii chaseni*** Junge, 1939: 120 = *Charadrius peronii* Schlegel, 1865.

Holotype, RMNH.AVES.87507 (6651), adult female, skin. Loc.: Lasikin, Simalur [= Simeulue], [Indonesia], 06.iv.1913. Leg.: E.R. Jacobson and W.C. van Heurn.  
Paratypes, RMNH.AVES.87508 - 87512.

***Charadrius ruficapillus*** Temminck, 1821, livr. 8, pl. 47, fig. 2 = *Charadrius ruficapillus* Temminck, 1821.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 47, fig. 2 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in any type catalogue is erroneous. According to Temminck, the illustrated specimen is in the MNHN where Voisin and Voisin (2012: 38) reported two syntypes, one of which will likely be the holotype. See also Jansen (2018: 344).

***Charadrius nigrifrons*** “Cuvier” Temminck, 1821, livr. 8, pl. 47, fig. 1 = *Elseyornis melanops* (Vieillot, 1818).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 47, fig. 1 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in any type catalogue is erroneous. According to Temminck, the illustrated specimen is in the MNHN (MNHN-ZO-2012-142 (A.C. 12970) which is confirmed by Voisin and Voisin (2012: 40). See also Jansen (2018: 346).

***Charadrius pluvialis orientalis*** Temminck and Schlegel, 1849: p. 104, pl. 62.

***Charadrius auratus longipes*** Schlegel, 1858: 411. = *Pluvialis fulva* (Gmelin, 1789).

Lectotype for *orientalis*, syntype for *longipes*, RMNH.AVES.87515, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold, 31.viii.1829, Dernière Expedition .

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.87516, adult male, mounted skin. Loc.: Borneo, [Indonesia], [28.vii.1836-17.xii.1836]. Leg.: S. Müller.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.87517, adult male, mounted skin. Loc.: Pagouat, N Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90649, adult female, mounted skin. Loc.: Borneo, [Indonesia], [28.vii.1836-17.xii.1836]. Leg.: S. Müller.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90650, adult male, mounted skin. Loc.: Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90651, adult male, mounted skin. Loc.: Pagattan, Borneo, [Indonesia], 2.ix.1844. Leg.: C.A.L.M. Schwaner.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90653, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90654, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], 24.ix.1842. Leg.: E.A. Forsten.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90655, adult male, mounted skin. Loc.: Pagouat, N Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90656, adult female, mounted skin. Loc.: Timor, [Indonesia], x.1829. Leg.: S. Müller.  
 Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90657, adult female, mounted skin. Loc.: Timor, [Indonesia], x.1829. Leg.: S. Müller.  
 Syntype for *longipes*, paralectotype for *orientalis*, RMNH.AVES.90658, adult male, mounted skin. Loc.: Latakou [Dithakong], Cap, South Africa. Leg.: Verreaux.

Temminck and Schlegel mentioned having received specimens from South Africa, Java, Timor, Borneo, Celebes and Japan. Dekker *et al.* (2001: 209-210) designated the lectotype to fix *orientalis* to Japan.

The so-called “Dernière Expedition” (see lectotype) refers to a shipment which arrived in Leiden on 31.viii.1829 and contained Von Siebold’s main collection: 827 specimens of 188 species (Dekker *et al.*, 2001: 202).

Kuhl and Van Hasselt collected together on Java from December 1820 until September 1821. Forsten stayed in the Pagouat area between September and November 1841 and in the area around Gorontalo from September 1841 until April 1842. Müller visited Borneo from 28 July 1836 until 17 December 1836.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Charadrius albiceps*** Temminck, 1832: livr. 89, pl. 526 = *Vanellus armatus* (Burchell, 1822).

Holotype, RMNH.AVES.87513, adult male, mounted skin. Loc.: “Cafrerie” [= South Africa]. Leg.: -.

Holotype by monotypy.

***Lobi-vanellus inornatus*** Temminck and Schlegel, 1849: p. 106, pl. 63 = *Vanellus cinereus* (Blyth, 1842).

Holotype, RMNH.AVES.87514, immature, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Holotype by monotypy. The description on page 106 appeared in 1849, the date of plate 63 is unknown (Holthuis and Sakai, 1970). For more information on Siebold’s collection see also Dekker *et al.* (2001).

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Charadrius melanopteroides*** (Temminck MS) Schlegel, 1865a: 63 = *Vanellus lugubris* (Lesson, 1826).

Syntype, RMNH.AVES.87521, adult female, mounted skin. Loc.: Elmina, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87522, adult female, mounted skin. Loc.: Elmina, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87523, adult, sex unknown, mounted skin. Loc.: Elmina, Côte d'Or [= Ghana]. Leg.: C.J.M. Nagtglas, 1862.  
Syntype, RMNH.AVES.87524, adult, sex unknown, mounted skin. Loc.: Elmina, Côte d'Or [= Ghana]. Leg.: C.J.M. Nagtglas, 1862.

Schlegel published this manuscript name by Temminck in the synonymy of *Vanellus inornatus* Swaison. Therefore, only the specimens available to Temminck are considered part of the type series.

***Vanellus cucullatus*** Temminck, 1830: livr. 85, pl. 505 = *Vanellus macropterus* (Wagler, 1827).

Syntype, RMNH.AVES.87518, adult female, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: -.  
Syntype, RMNH.AVES.87519, adult male, mounted skin. Loc.: Timor, [Indonesia], [14.x.1828-1829]. Leg.: S. Müller.  
Syntype, RMNH.AVES.87520, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Kuhl and Van Hasselt collected on Java from December 1820 until September 1821. Müller visited Timor from 14 October 1828 until late 1829.

### Jacanidae

***Parra gallinacea*** Temminck, 1828: livr. 78, pl. 464 = *Irediparra gallinacea* (Temminck, 1828).

Syntype, RMNH.AVES.87489, adult male, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia], [ix-xi.1841]. Leg.: C.G.C. Reinwardt.  
Syntype, RMNH.AVES.87490, adult, sex unknown, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia], [ix-xi.1841]. Leg.: C.G.C. Reinwardt.

Reinwardt visited the Menado area between 11 October and 11 November 1821.

### Scolopacidae

***Tringa platyrhyncha*** Temminck, 1815: 616. = *Calidris falcinellus* (Pontoppidan, 1763).

Temminck based his description on a single specimen in the MNHN, which is not mentioned by Voisin and Voisin (2012).

***Tringa Bonapartei*** Schlegel, 1844: 89 = *Calidris fuscicollis* (Vieillot, 1819).

Holotype, RMNH.AVES.87546, adult, sex unknown, mounted skin. Loc.: 'Amerique'. Leg.: C.L. Bonaparte.

***Tringa albescens*** Temminck, 1821, livr. 7, pl. 41, fig. 2 = *Calidris ruficollis* (Pallas, 1776).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen on plate 41, figure 2 is the holotype as the text which appeared later is irrelevant regarding type status. Temminck did not

indicate in which collection the illustrated specimen was housed. Jansen (2018: 350) listed MNHN-ZO-2014-473 and 474 from Western Australia collected by Levillain in 1801 as syntypes, one of which is assumed to be the holotype. Temminck published this name in 1821, not 1824 as in Jansen (2018: 350).

***Tringa crassirostris*** Temminck and Schlegel, 1849: 107, pl. 64 = *Calidris tenuirostris* (Horsfield, 1821).

Syntype, RMNH.AVES.87526, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87527, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87528, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.87529, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.87530, adult female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.  
 Syntype, RMNH.AVES.87531, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.  
 Syntype, RMNH.AVES.87532, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.  
 Syntype, RMNH.AVES.87533, adult, sex unknown, skeleton. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.  
 Syntype, RMNH.AVES.87534, adult, sex unknown, skeleton. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

According to Schlegel, RMNH.AVES.87526 (fig.1), RMNH.AVES.87529 (fig. 2) and RMNH.AVES.87528 (fig. 3) are the depicted specimens of plate 64.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected, but will differ where the name is based upon a series of specimens.

***Scolopax Wilsonii*** Temminck, 1826: livr. 68, text to pl. 403 = *Gallinago delicata* (Ord, 1825).

Temminck published this name in a footnote to the text with plate 403. His description was based on the description of the “Snipe” by Wilson (1812: 18; pl. 47, fig. 1). There were no specimens in the RMNH available to Temminck at that time.

***Scolopax gallinagoides*** Schlegel, 1864d: 6 = *Gallinago delicata* (Ord, 1825).

Holotype, RMNH.AVES.87535, adult, sex unknown, mounted skin. Loc.: Mexico. Leg.: 1857.

***Scolopax Lamotti*** Baillon, 1834: 71 = *Gallinago gallinago gallinago* (Linnaeus, 1758).

Syntype, RMNH.AVES.258639, adult male, mounted skin. Loc.: Abbeville, France. Leg.: J.F.E. Baillon.  
 Syntype, RMNH.AVES.258640, adult female, mounted skin. Loc.: Abbeville, France. Leg.: J.F.E. Baillon.  
 Syntype, RMNH.AVES.258641, adult male, mounted skin. Loc.: Abbeville, France. Leg.: J.F.E. Baillon.

Gouraud (2015: 149) mentioned a single specimen sent to Temminck, although Schlegel (1864d: 5) listed three specimens as types of *lamotti*.

***Scolopax Pygmaea*** Baillon, 1834: 71 = *Gallinago gallinago gallinago* (Linnaeus, 1758).

Syntype, RMNH.AVES.258642, adult male, mounted skin. Loc.: Abbeville, France. Leg.: J.F.E. Baillon.

According to Gouraud (2015: 149), Baillon based his description on two specimens. Schlegel (1864d: 6) listed RMNH.AVES.258642 as one of the types of *Pygmaea*.

***Gallinago megala*** Swinhoe, 1861: 343 = *Gallinago megala* Swinhoe, 1861.

Paralectotype, RMNH.AVES.87536.

Warren (1966: 181) incorrectly referred to a specimen in the NHM (NHMUK 1896.1.1.142) as the holotype. Swinhoe refers to a specimen sent to and described by Blyth and to "a specimen" (not "the specimen") he will send to the NHM (which is the specimen listed by Warren as holotype). The listing by Warren as holotype does, however, constitute a lectotype designation.

***Gallinago nemoricola*** Hodgson, 1836a: 8 = *Gallinago nemoricola* Hodgson, 1836.

Syntype, RMNH.AVES.258643, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Hodgson did not give much or any information on the specimen labels such as collecting date. Hence it is in most cases uncertain whether specimens collected and described by him are indeed types. The NHM has four syntypes (Warren, 1966: 201).

***Gallinago nobilis*** P.L. Sclater, 1856b: 31 = *Gallinago nobilis* P.L. Sclater, 1856.

Possible syntype, RMNH.AVES.258647, adult male, mounted skin. Loc.: Bogota, Colombia. Leg.: Verreaux, 1863.

According to Schlegel (1864d: 9) RMNH.AVES.258647 is one of the types of *Gallinago nobilis*. This seems very unlikely. Sclater based his description on two specimens: one in the NHM collected by Stevens and a specimen sent to Sclater by Verreaux. Warren (1966: 208) listed the Verreaux specimen (NHMUK 1891.10.20.547) as syntype and the specimen by Stevens as missing.

***Spilura solitaria japonica*** Bonaparte, 1856b: 579, 1024 = *Gallinago solitaria japonica* (Bonaparte, 1856).

Holotype, RMNH.AVES.87545, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Holotype by monotypy. Bonaparte gave this new name to a single specimen listed in Temminck and Schlegel (1849: 112, pl. 64) as *Scolopax solitaria*.

***Gallinago solitaria*** Hodgson, 1831: 238 = *Gallinago solitaria solitaria* Hodgson, 1831.

Possible syntype, RMNH.AVES.258646, adult male, mounted skin. Loc.: Nepal. Leg.: -.

Hodgson did not give much or any information on the specimen labels such as collecting date. Hence it is often uncertain whether specimens collected and described



by him are indeed types. According to Schlegel (1864d: 16) RMNH.AVES.258646 is one of the types of *Gallinago solitaria*. At least nine other syntypes are in the NHM (Warren, 1966: 275).

***Scolopax stenura*** Bonaparte, 1831: 335 = *Gallinago stenura* (Bonaparte, 1831).

Syntype, RMNH.AVES.87537, adult male, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], xi.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87538, adult male, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], 10.xii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87539, adult, sex unknown, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], xii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87540, adult, sex unknown, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], xii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87541, adult, sex unknown, skeleton. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.87542, adult, sex unknown, skeleton. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Bonaparte listed *Scolopax stenura* twice, both as MS name of Kuhl as well as of Temminck. The cover page of volume 4 of the *Ann. Stor. Nat. Bologna* gives 1830, but publication of pp. 303-390 is generally referred to as 1831.

Aimassi *et al.* (2020: 81) listed a possible syntype in MZUT (MZUT Av3021).

***Gallinago Biclavus*** Hodgson, 1837b: 490.

***Gallinago heterura*** Hodgson, 1836a: 8 = *Gallinago stenura* (Bonaparte, 1831).

Syntype, RMNH.AVES.258644, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.258645, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Hodgson did not give much or any information on the specimen labels such as collecting date. Hence it is in most cases uncertain whether specimens collected and described by him are indeed types. The NHM has five syntypes of *Gallinago Biclavus* and *heterura* (Warren, 1966: 128).

***Scolopax gigantea*** Temminck, 1826: livr. 68, pl. 403 = *Gallinago undulata gigantea* (Temminck, 1826).

Syntype, RMNH.AVES.87543, adult male, mounted skin. Loc.: [Itararé, São Paulo], Brazil. Leg.: J. Natterer, [1820].

Syntype, RMNH.AVES.87544, adult [female], sex unknown, mounted skin. Loc.: [Itararé, São Paulo], Brazil. Leg.: J. Natterer, [ii.1821].

See Schifter *et al.* (2007: 128) for collecting data. Schifter *et al.* (2007: 128) also stated that Natterer collected a total of 13 specimens. They confirmed the presence of five syntypes in the NMW as mentioned in the original description (NMW 39316-39319, NMW 65865), and mentioned that other syntypes went to the museums in Bremen and the NHM.

According to Schlegel (1864: 8) RMNH.AVES.87543 is the depicted specimen on plate 403.

***Numenius nasicus*** Temminck, 1840: 393.

***Numenius major*** Temminck and Schlegel, 1844: 110 = *Numenius arquata orientalis* Brehm, 1831.

Syntype for *nasicus* and *major*, RMNH.AVES.87552, adult, sex unknown, mounted skin. Loc.: [West-Sumatra, [Indonesia]. Leg.: S. Müller, [1833-1835].

Syntype for *nasicus*, RMNH.AVES.87553, adult, sex unknown, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: A.H. von Henrici, [1820-1826].

Temminck described skins from Sumatra and Borneo. No specimens from Borneo collected prior to 1840 are present in the RMNH. Müller visited West-Sumatra between 1833 and 1835. H.A. von Henrici arrived in Indonesia in October 1820 and returned to The Netherlands in 1838 in which year (part of) his collection (mainly from Borneo) entered the RMNH. He served in Sumatra sometime between 1820 and 1826.

There are also several specimens in the RMNH collected by Von Siebold and Bürger which were present at the time of description of *major*. But although Temminck and Schlegel refer to it as the “courlis du Japon” [Curlew from Japan], they don’t specifically mention any material from Japan. So, these specimens are not part of the type series.

***Numenius brevirostris*** Lichtenstein 1823: 75.

***Numenius hemirhynchus*** “Temminck” Schlegel, 1864b: 101 = *Numenius borealis* (Forster, 1772).

Syntype, RMNH.AVES.87554, adult male, mounted skin. Loc.: Brazil. Leg.: J. Natterer.

This specimen was erroneously listed under “*Numenius hemirhynchus* Bonaparte (1856b: 597) in Van den Hoek Ostende *et al.* (1997: 76), a name which is more frequently referred to in the literature but is not listed in the index on p. 597 or anywhere else. The quotation on p. 597 refers to *Numenius melanorhynchus* Bonaparte, a *nomen nudum*.

It was Schlegel (1864b: 101) who introduced *hemirhynchus* “Temm”.

***Numenius minor*** Müller, 1841: 110 = *Numenius minutus* Gould, 1841.

Holotype, RMNH.AVES.87555, adult male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia]. Leg.: S. Müller [iii.1828-20.iv.1828].

Holotype by monotypy. Müller wrote only having collected a single male. Müller visited Ambon from late March until 20 April 1828.

***Phalaropus fimbriatus*** Temminck, 1825 livr. 62, pl. 370. = *Phalaropus tricolor* (Vieillot, 1819).

According to Temminck, two syntypes are in the MNHN (not listed in Voisin and Voisin, 2012).

***Tringa leucoptera*** Gmelin, 1789: 678.

***Tringa pyrrhetraea*** Forster and Lichtenstein, 1844: 174 = *Prosobonia leucoptera* (Gmelin, 1789).

Syntype, RMNH.AVES.87556, adult, sex unknown, mounted skin. Loc.: Tahiti, [French Polynesia], [1772-1775]. Leg.: -. [mount attributed to A. Sparrman, J. Cook’s second voyage].

Extinct. The origin of the only known museum specimen in the RMNH was traced back until 1848 but based on its taxidermy could be attributed to the 2nd circumnavigation commanded by James Cook (1772-75) (Jansen *et al.*, 2021). See also Cibois *et al.* (2012).

***Scolopax Rochussenii*** Schlegel, 1866c: 254 = *Scolopax rochussenii* Schlegel, 1866.

Holotype, RMNH.AVES.87557, adult male, relaxed mount. Loc.: Obi [Indonesia], 19.viii.1862. Leg.: H.A. Bernstein.

***Scolopax Rosenbergii*** Schlegel, 1871b: 54 = *Scolopax rosenbergii* Schlegel, 1871.

Holotype, RMNH.AVES.87558, adult female, relaxed mount. Loc.: Hattam, Arfak mountains, [Papua], [Indonesia], 20.iv.1870. Leg.: C.B.H. von Rosenberg.

***Totanus pulverulentus*** Müller, 1842: 153 = *Tringa brevipes* (Vieillot, 1816).

Syntype, RMNH.AVES.87547, adult, sex unknown, mounted skin. Loc.: Timor, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87548, adult male, mounted skin. Loc.: Timor, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87549, adult male, mounted skin. Loc.: Timor, [Indonesia], ii.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.87550, adult female, mounted skin. Loc.: Atapoepoe, Timor, [Indonesia], iii.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.87551, adult female, mounted skin. Loc.: Atapoepoe, Timor, [Indonesia], iii.1829. Leg.: S. Müller.

Müller described this new species in a footnote to his report of a collecting trip in November 1828 from Kupang to Manikie (Timor). Strictly speaking only the specimens collected during this trip should be types. However, as the report wasn't published until 1842 all material collected and seen by the author before 1842 is considered part of the type series. A specimen collected by Müller on Borneo is excluded because there is no reference to Borneo material.

***Falcinellus cursorius*** Temminck, 1830: livr. 86, pl. 510 = not applicable, artefact.

Lectotype, RMNH.AVES.87525, adult, sex unknown, relaxed mount. Loc.: “River Gamtos”, [South Africa]. Leg.: Levaillant? Ex: Museum Raye van Breukelerwaert.

This name is based on an artefact which is a modified *Calidris ferruginea* (Pontoppidan, 1763) (Schlegel, 1844: 98).

Temminck based his description on two specimens, RMNH.AVES.87525 and an immature specimen described as *Ærolia varia* by Vieillot and Oudart (1843: 89, pl. 231) in the MNHN. RMNH.AVES.87525 is therefore not the holotype as listed in Van den Hoek Ostende *et al.* (1997: 73) but has now to be considered lectotype.

## Glareolidae

***Glareola lactea*** Temminck, 1820b: 503 = *Glareola lactea* Temminck, 1820.

Possible syntype, RMNH.AVES.87562, adult, sex unknown, mounted skin. Loc.: “Ganges”, Bengale. Leg.: -.

Possible syntype, RMNH.AVES.87563, adult, sex unknown, mounted skin. Loc.: Bengale. Leg.: -.

Temminck based his description on two specimens in the MNHN, which are not listed by Voisin and Voisin (2012). As the information on the RMNH specimens fits Temminck's description, both MNHN specimens might have been exchanged with the RMNH. However, Gouraud (in litt. 28 and 29.x.2020) claims a possible syntype in the MLC (MLC.2011.0.918). Hence, we listed our specimens here as possible syntypes.

***Glareola nuchalis liberiae*** Schlegel, 1881: 58.

***Glareola megapoda*** Büttikofer, 1885: 233 = *Glareola nuchalis liberiae* Schlegel, 1881.

Lectotype for *liberiae*, syntype for *megapoda*, RMNH.AVES.87564, adult female, skin. Loc.: Marfa River, Liberia, 28.i.1881. Leg.: J. Büttikofer and C.F. Sala (Syntype for *megapoda*).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258649, adult female, skin. Loc.: Bavia, St. Paul's River, Liberia, 26.i.1880. Leg.: J. Büttikofer and C.F. Sala (10).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258650, adult female, skin. Loc.: Bavia, St. Paul's River, Liberia, 30.i.1880. Leg.: J. Büttikofer and C.F. Sala (23).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258651, adult male, skin. Loc.: Bavia, St. Paul's River, Liberia, 15.iii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 71).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258652, adult male, skin. Loc.: Bendo, Fisherman's Lake, Liberia, 01.xii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 213).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258654, adult female, skin. Loc.: Bavia, St. Paul's River, Liberia, 30.i.1880. Leg.: J. Büttikofer and C.F. Sala (21).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258655, adult female, skin. Loc.: Bavia, St. Paul's River, Liberia, 30.i.1880. Leg.: J. Büttikofer and C.F. Sala (22).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258656, adult male, skin. Loc.: Bavia, St. Paul's River, Liberia, 30.i.1880. Leg.: J. Büttikofer and C.F. Sala (no. 20).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258657, adult male, skin. Loc.: Bavia, St. Paul's River, Liberia, 20.iii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 196).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258658, adult female, skin. Loc.: Bavia, St. Paul's River, Liberia, 21.iii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 198).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258659, adult male, skin. Loc.: Bendo, Fisherman's Lake, Liberia, 04.xii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 218).

Syntype for *megapoda*, paralectotype for *liberiae*, RMNH.AVES.258660, adult female, skin. Loc.: Bendo, Fisherman's Lake, Liberia, 04.xii.1880. Leg.: J. Büttikofer and C.F. Sala (no. 219).

Syntype for *megapoda*, paralectotype for *liberiae*, ZMA.AVES.24122, adult female, skin. Loc.: Hotehu(?), Fisherman's Lake, Liberia, 01.xii.1880 [not 1886]. Leg.: J. Büttikofer and C.F. Sala. (no. 3).

Syntype only for *megapoda*, RMNH.AVES.180164, eggs (2). Loc.: Bavia, St. Paul's River, Liberia, 15.iii.1880. Leg.: J. Büttikofer and C.F. Sala.

Schlegel had a small series available but didn't designate a (holo)type. Van den Hoek Ostende *et al.* (1997: 77) were in error to list RMNH.AVES.87564 as holotype. By doing so they unintentionally selected a lectotype for *liberiae* Schlegel.

The name *Glareola megapoda* was first introduced by G.R. Gray (1844: 62) as a *nomen nudum*, used subsequently as *Glareola megapodia* by Finsch and Hartlaub (1870: 636) also lacking a description. The first formal description was given by Büttikofer (1885: 233), based on his own specimens collected in Liberia.

Sharpe (1896: 64) listed Gray's specimen in the NHM (cat. e) as type. However, as this specimen is not part of Büttikofer's typeseries, and Gray's name is a *nomen nudum* as stated above, we do not consider Sharpe's (lecto)type selection valid. Hence, the types for *megapoda* Büttikofer are listed here as syntypes instead of paralectotypes.

***Cursorius Africanus*** Temminck, 1807: 175, description: 263 = *Rhinoptilus africanus africanus* (Temminck, 1807).

Holotype, RMNH.AVES.87565, adult male, relaxed mount. Loc.: Namaqualand [South Africa]. Leg.: -

In his description, Temminck does not refer to a collector. The original stand is lost but the replacement label written by Finsch mentions “probl. coll. by Levaillant (1783-1785)”. According to Rookmaaker (1989: 316) and Irwin (1963: 2; who restricted the type locality to “Pofadder, Great Bushmanland”) this specimen was collected by Levaillant.

***Cursorius bicinctus*** Temminck, 1820b: 515 = *Rhinoptilus africanus africanus* (Temminck, 1807).

Possible holotype, RMNH.AVES.87566, adult, sex unknown, relaxed mount. Loc.: “Cap”, [South Africa]. Leg.: -.

Temminck based his description on a specimen collected by Levaillant “dans l’intérieur de l’Afrique”. The labels by Finsch which replace the original labels do neither mention Levaillant nor “l’intérieur de l’Afrique” but give “Cap” instead. Finsch refers to it as the “Type of *bicinctus*”.

***Cursorius chalcopterus*** Temminck, 1824, livr. 50, pl. 298 = *Rhinoptilus chalcopterus* (Temminck, 1824).

According to Temminck the holotype (by monotypy) is in the MNHN.

***Glareola isabella*** Vieillot, 1816a: 69.

***Glareola grallaria*** Temminck, 1820b: 503 = *Stiltia isabella* (Vieillot, 1816).

Syntype, RMNH.AVES.87567, adult female, mounted skin. Loc.: “Australia” [= error for Kupang, Timor, Indonesia]. Leg.: [Maugé, R., Baudin Expedition]. Ex: MNHN.

Jansen (2017: 476) identified this specimen as part of the material collected by René Maugé during the Baudin Expedition (1801-1804). It was collected near Kupang, West-Timor between 22 August and 13 November 1801.

Vieillot based his description on specimens brought back from the Baudin's expedition in the MNHN. It is highly likely that RMNH.AVES.87567 was still in Paris when Vieillot described *isabella*. Jansen (2017: 476) listed two specimens in the MNHN as part of the type series (A.C. 13083 and 13084). So Voisin and Voisin (2012: 51) erred in listing MNHN A.C. 13084 as holotype by monotypy. We do not consider this a valid lectotype designation.

Schifter *et al.* (2007: 133) listed a possible syntype for *grallaria* Temminck in the NMW (NMW 49262) from Banda, received from the RMNH in 1823. However, Temminck most likely based his *grallaria* on the same specimens as *isabella* Vieillot when they were still in MNHN (Voisin and Voisin, 2012: 51). The specimen in the NMW is therefore not part of the type series.

## Laridae

***Sterna tenuirostris*** Temminck, 1823: livr. 34, pl. 202 = *Anous tenuirostris tenuirostris* (Temminck, 1823).

Syntype, RMNH.AVES.87575, adult, sex unknown, mounted skin. Loc.: 'Mer de Australie'. Leg.: -.

According to the original description other syntypes are in the MNHN but are not listed in Voisin and Voisin (2011). This species breeds in the Seychelles. The indication 'Mer de Australie' written under the stand is an error.

***Sterna leucopareia*** Temminck, 1820b: 746 = *Chlidonias hybrida hybrida* (Pallas, 1811).

Syntype, RMNH.AVES.87576, adult, sex unknown, mounted skin. Loc.: Hungary. Leg.: J. Natterer.

Schifter *et al.* (2007: 135-136) confirmed the presence of syntypes, also collected by Natterer in Hungary, in the NMW (NMW 9422, 20759, 53464, 53465). Natterer collected for the NMW throughout Europe between 1806 and 1817, before he left for Brazil.

***Hydrochelidon fluviatilis*** Gould, 1843: 140 = *Chlidonias hybrida javanicus* (Horsfield, 1821).

Paralectotypes, RMNH.AVES.87577-87578.

Stone (1913: 138) designated the lectotype in the ANSP (ANSP 5004).

***Sterna leucoptera*** Temminck, 1815b: 483 = *Chlidonias leucopterus* (Temminck, 1815).

Syntype, RMNH.AVES.87579, adult, sex unknown, mounted skin. Loc.: Lake Geneva, Switzerland. Leg.: -.

Syntype, RMNH.AVES.87580, adult, sex unknown, mounted skin. Loc.: Lake Geneva, Switzerland. Leg.: -.

Aimassi *et al.* (2020: 82) listed a possible syntype in the MZUT (MZUT Av3166).

***Larus poliocephalus*** Temminck, 1820b: 780 = *Chroicocephalus cirrocephalus cirrocephalus* (Vieillot, 1818).

Syntype, RMNH.AVES.207793, adult, sex unknown, mounted skin. Loc.: Brazil.

Syntype, RMNH.AVES.207795, adult, sex unknown, mounted skin. Loc.: Brazil.

Temminck published this name with a description in a footnote to *Larus ridibundus*.

***Larus tenuirostris*** Temminck, 1840: 478 = *Chroicocephalus genei* (Breme, 1839).

Lectotype, RMNH.AVES.87587, adult male, mounted skin. Loc.: Sicily, Italy, [ii.1830]. Leg.: F. Cantraine.

Temminck described two specimens. Only one could be found. Schlegel (1863i: 28) selected the lectotype.

***Larus melanorhynchus*** Temminck, 1830: livr. 85, pl. 504 = *Chroicocephalus philadelphia* (Ord, 1815).



Holotype, RMNH.AVES.87593, adult, sex unknown, mounted skin. Loc.: Chile. Leg.: -.

Holotype by monotypy.

***Larus capistratus*** Temminck, 1820b: 785 = *Chroicocephalus ridibundus* (Linnaeus, 1766).

Lectotype, RMNH.AVES.87594, adult, sex unknown, mounted skin. Loc.: 'Mer du Nord', [Orkney], [United Kingdom]. Leg.: -.

Temminck based his description on several specimens ("mes individus") from Orkney. Schlegel (1863i: 39) listed RMNH.AVES.87594 as the type for *capistratus*, hereby designating it the lectotype.

Both Orkney and Shetland are mentioned on the labels. As Temminck gave Orkney as provenance for his specimen, we follow this.

***Larus Kittlitzii*** Schlegel, 1863i: 40 = *Chroicocephalus ridibundus* (Linnaeus, 1766).

Holotype, RMNH.AVES.207979, adult, sex unknown, mounted skin. Loc.: Macao, China. Leg.: R. Swinhoe.

Swinhoe published this name twice as a *nomen nudum* while describing his collections from China (1860: 60; 1861: 345). The first publication of this name with a description is by Schlegel in the synonymy of *Larus schimperi* (= *ridibundus*) and was based on a single specimen. This name was published in the same year by Swinhoe with a description (1863: 428), but as Vol. 5, issue 4 of *Ibis* was issued in October 1863 and the publication by Schlegel in August 1863, the latter has priority.

***Sylochelidon strenuus*** Gould, 1846: 21 = *Hydroprogne caspia* (Pallas, 1770).

Paralectotype, RMNH.AVES.209461.

According to Schlegel (1863i: 14) this is one of the types of *strenuus* Gould. Schlegel stated that RMNH.AVES.209461 was collected in New South Wales, the label however gives Tasmania. Stone (1913: 138) selected the lectotype in the ANSP (ANSP 5037).

***Larus Audouinii*** Payraudeau, 1826: 462 = *Ichthyaetus audouinii* (Payraudeau, 1826).

Lectotype, RMNH.AVES.87581, adult, sex unknown, mounted skin. Loc.: Corsica [= Corse], [France], [1824-1826]. Leg.: B.C.M. Payraudeau.

The lectotype was selected by Voisin *et al.* (1998: 65).

***Larus ichthyaëtus minor*** Schlegel, 1863i: 34 = *Ichthyaetus ichthyaetus* (Pallas, 1773).

Syntype, RMNH.AVES.87588, adult, sex unknown, mounted skin. Loc.: Bengal, India. Leg.: P.M. Diard and A. Duvaucel. Ex: MNHN.

Syntype, RMNH.AVES.87589, adult female, mounted skin. Loc.: Ganges, India. Ex: G.A. Frank.

***Larus leucophthalmus*** Temminck, 1825: livr. 62, pl. 366 = *Ichthyaetus leucophthalmus* (Temminck, 1825).

Syntype, RMNH.AVES.87590, adult male, mounted skin. Loc.: Red Sea. Leg.: W.P.E.S. Rüppell.  
 Syntype, RMNH.AVES.87591, adult female, mounted skin. Loc.: Red Sea. Leg.: W.P.E.S. Rüppell.  
 Syntype, RMNH.AVES.87592, adult, sex unknown, mounted skin. Loc.: Red Sea. Leg.: W.P.E.S. Rüppell.  
 Syntype, RMNH.AVES.206177, adult, sex unknown, mounted skin. Loc. Red Sea, [1823-1825]. Leg.: W.F. Hemprich and C. Ehrenberg. Ex: MfN, 1859.

Another syntype is in the NMW (NMW 894, Schifter *et al.*, 2007: 133).

***Larus melanocephalus*** Temminck, 1820: Man. D'Orn., ed. 2, II, p. 777 = *Ichthyaetus melanocephalus* (Temminck, 1820).

The original description was based on specimens in the NMW collected by Natterer, confirmed by Schifter *et al.* (2007: 134): NMW 20804 and 20805.

***Larus melanurus*** Temminck, 1828: livr. 77, pl. 459 = *Larus crassirostris* Vieillot, 1818.

Lectotype, RMNH.AVES.87582, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Paralectotypes, RMNH.AVES.87583-87586.

Schlegel (1863i: 8) selected the lectotype. For information on dating and on Siebold's collection, see Holthuis and Sakai (1970), Dekker *et al.* (2001) and Morioka *et al.* (2005). Two birds (juvenile and adult) collected by von Siebold were sent to the NMW in 1841.

***Sterna fuligula*** Lichtenstein (in Forster and Lichtenstein) 1844: 276 = *Onychoprion anaethetus antarcticus* (Lesson, R, 1831).

Syntype, RMNH.AVES.210496, adult male, mounted skin. Loc.: Red Sea, [1823-1825]. Leg.: W.F. Hemprich and C. Ehrenberg. Ex: MfN.

Lichtenstein mentioned that *Sterna fuliginosa* Linnaeus consisted of two species. He applied the new name *fuligula* to the taxon from the Red Sea based on specimens in the MfN.

***Sterna melanogaster*** Temminck, 1827: livr. 73, pl. 434 = *Sterna acuticauda* Gray, 1831.

Lectotype, RMNH.AVES.87603, adult, sex unknown, mounted skin. Loc.: "Mer des Indes". Leg.: -.  
 Paralectotype, RMNH.AVES.87604.

Schlegel (1863j: 21) selected the lectotype. According to the original description other paralectotypes are in the MNHN (not listed in Voisin and Voisin, 2011) and "London". Plate 434 was published in livraison 73 (Dickinson, 2001). The text, however, does not give the livraison number and is printed on the backside of *Sterna melanauchen* which was published in livraison 72.

The name *Sterna melanogaster* Temminck, 1827, is preoccupied by its prior use as *Sterna melanogaster* "T[emminck]" Horsfield, 1824, as a substitute name for *Sterna Javanica* Horsfield, 1821 (Dickinson, 2001: 37). However, in our opinion, *Sterna Javanica* Horsfield, 1821 is a *nomen nudum*. Hence its substitute name *Sterna melanogaster* "T[emminck]" Horsfield, 1824 is also a *nomen nudum*, making *Sterna*

*melanogaster* Temminck, 1827 an available name with priority over *acuticauda* Gray, 1831.

***Sterna arctica*** Temminck, 1820b: 742 = *Sterna paradisaea* Pontoppidan, 1763.

Syntype, RMNH.AVES.210049, adult, sex unknown, mounted skin. Loc.: Europe. Leg.: -.

***Sterna melanauchen*** Temminck, 1827: livr. 72, pl. 427 = *Sterna sumatrana sumatrana* Raffles, 1822.

Lectotype, RMNH.AVES.87605, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [ix.1821-xii.1821]. Leg.: [C.G.C. Reinwardt].

According to the original description other syntypes are in the MNHN but not listed in Voisin and Voisin (2011). Schlegel (1863j: 28) selected the lectotype.

Reinwardt visited Sulawesi from September till December 1821.

***Sterna natalensis*** “Verreaux” Schlegel, 1863j: 22 = *Sternula albifrons albifrons* (Pallas, 1764).

Schlegel published this manuscript name by Verreaux, associated with RMNH.AVES.210701 (ex Verreaux, from South Africa), in the synonymy of *Sterna minuta* (= *Sternula albifrons*). Subsequent authors (see Saunders, 1896: 120; Heuglin, 1874: 1442) have treated this name as a manuscript name and synonym and consequently this name is not available.

***Sterna Pusilla*** Temminck, 1840: 465 = *Sternula albifrons sinensis* (Gmelin, 1789).

Syntype, RMNH.AVES.87595, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.87596, adult male, mounted skin. Loc.: Borneo, [Indonesia], [28.vii.1836 - 17.xii.1836]. Leg.: S. Müller.

Syntype, RMNH.AVES.87597, adult female, mounted skin. Loc.: Borneo, [Indonesia], [28.vii.1836 - 17.xii.1836]]. Leg.: S. Müller.

Syntype, RMNH.AVES.87598, adult, sex unknown, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.87599, adult, sex unknown, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.87600, adult, mounted skin. Loc.: Timor, [Indonesia], xi.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.87601, adult, sex unknown, mounted skin. Loc.: Timor, [Indonesia]. Leg.: S. Müller.

Müller visited Borneo between 28 July 1836 and 17 December 1836. Müller (1841:125, 373) found these birds in September 1836 between Tanjung-jawa and Kampong Rioeng on a sandbank in the river Barito where the Madoeit enters the Barito.

***Sterna affinis*** Cretzschmar, 1827: 23, pl. 14 = *Thalasseus bengalensis bengalensis* (Lesson, 1831).

Possible paralectotypes, RMNH.AVES.150650-150651.

Steinheimer (2005a: 241) listed both as possible paralectotypes. The lectotype was designated by Steinbacher (1949) and is in the SMF (SMF 12705). Paralectotypes are

in the SMF and probably in the NHM (Steinheimer 2005a: 241).

***Sterna Bergii*** Lichtenstein, 1823: 80 = *Thalasseus bergii bergii* (Lichtenstein, 1823).

Syntype, RMNH.AVES.87606, adult, sex unknown, mounted skin. Loc.: “Cap”, [South Africa]. Ex: MfN.

***Sterna ressa*** “Müller” Schlegel, 1863j: 9 = *Thalasseus bergii cristatus* (Stephens, 1826).

Syntype, RMNH.AVES.210960, adult female, mounted skin. Loc.: Timor, [Indonesia], xi.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.210961, adult male, mounted skin. Loc.: Oetanata river, New Guinea, [Indonesia], [11-22] vi.1828. Leg.: S. Müller [Triton Expedition 1828].

Syntype, RMNH.AVES.210963, adult male, mounted skin. Loc.: Oetanata river, New Guinea, [Indonesia], [11-22] vi.1828. Leg.: S. Müller [Triton Expedition 1828].

Syntype, RMNH.AVES.210965, immature female, mounted skin. Loc.: [Oetanata river], New Guinea [Indonesia], [11-22.vi.1828]. Leg.: S. Müller [Triton Expedition 1828].

Syntype, RMNH.AVES.255183, skeleton, sex unknown. Loc.: Timor, [Indonesia, i.1829]. Leg.: S. Müller.

Syntype, RMNH.AVES.255973, skeleton, sex unknown. Loc.: New Guinea, [Indonesia], [v.-viii.1828]. Leg.: S. Müller [Triton Expedition 1828].

Schlegel published this manuscript name by Müller as a synonym of *Sterna pelecanoioides* King, 1827. Müller (1841: 125) gave the name *Ressa* as the vernacular name used by the local people.

***Sterna Velox*** Cretschmar, 1827: 21 = *Thalasseus bergii velox* (Cretschmar, 1827).

Possible syntype, RMNH.AVES.87607, adult male, mounted skin. Loc.: Red Sea. Leg.: W.P.E.S. Rüppell (= *T. b. velox*).

Syntype, RMNH.AVES.210918. adult female, mounted skin. Loc.: Cape, South Africa. Leg.: Van Horstock (= *T. b. bergii*).

Although listed as a syntype by Van den Hoek Ostende *et al.* (1997: 82), RMNH.AVES.87607 may not be a type since relevant collecting or acquisition dates are missing. See Steinheimer (2005a: 241).

As Cretschmar (1827: 22) also referred to South African specimens in the RMNH collection we have added RMNH.AVES.210918 from the Cape here.

***Sterna bernsteini*** Schlegel, 1863j: 9 = *Thalasseus bernsteini* (Schlegel, 1863).

Holotype, RMNH.AVES.87602, adult male, mounted skin. Loc.: Kaou, Halmahera, [Indonesia], 22.xi.1861. Leg.: H.A. Bernstein.

***Sterna galericulata*** Lichtenstein, 1823: 81 = *Thalasseus maximus* (Boddaert, 1783).

Syntype, RMNH.AVES.87608, adult male, mounted skin. Loc.: Brazil. Ex: MfN.

## Stercorariidae

***Lestris spinicauda*** Hardy, 1854: 657 = *Stercorarius longicaudus longicaudus* Vieillot, 1819.

Syntype, RMNH.AVES.87569, adult, sex unknown, mounted skin. Loc.: St. Helena. Ex: J. Hardy.

***Lestris pomarinus*** Temminck, 1815b: 514 = *Stercorarius pomarinus* (Temminck, 1815).

Syntype, RMNH.AVES.87570, adult, sex unknown, mounted skin. Loc.: North Sea. Leg.: -.  
 Syntype, RMNH.AVES.87571, adult, sex unknown, mounted skin. Loc.: North Sea. Leg.: -.  
 Syntype, RMNH.AVES.87572, adult, sex unknown, mounted skin. Loc.: North Sea. Leg.: -.  
 Syntype, RMNH.AVES.87573, adult, sex unknown, mounted skin. Loc.: North Sea. Leg.: -.  
 Syntype, RMNH.AVES.87574, immature, mounted skin. Loc.: North Sea. Leg.: -.

## Alcidae

***Uriae Mandtii*** Lichtenstein in Mandt, 1822: 30 = *Cephus grylle mandtii* (Lichtenstein, 1822).

Syntype, RMNH.AVES.91009, adult, sex unknown, mounted skin. Loc.: Spitsbergen, [1821]. Leg.: W.M. Mandt. Ex: MfN.

According to J. Mlíkovský (in litt., 21.ii.2008), RMNH.AVES.91009 was collected by G.M. Mandt on Spitsbergen (= Svalbard) in 1821 and is one of three specimens listed under the name *mandtii* in Lichtenstein's catalogue of the MfN (Lichtenstein, 1854: 105). Two syntypes remained in the MfN of which one of them is still present (ZMB 14416). The third, RMNH.AVES.91009, went to the RMNH between 1854 and 1867. It is mentioned by Schlegel (1867: 19) as specimen no. 9: "un des individus types de l'*Uria Mandtii* Lichtenstein, obtenu du Musée de Berlin".

One year after the name was mentioned for the first time in Mandt's dissertation, Lichtenstein gave another description of *mandtii* with reference to Mandt in his "Doublettenverzeichnis" (Lichtenstein, 1823: 88). There is no indication whether the specimen listed there has indeed been sold or not. The total number of syntypes therefore remains unclear.

***Uria wumizusume*** Temminck, 1836: livr. 98, pl. 579.

***Synthliboramphus Temminckii*** Brandt, 1837: 347 = *Synthliboramphus wumizusume* (Temminck, 1836).

Syntype, RMNH.AVES.87609, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87610, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87611, immature, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87612, adult, sex unknown, skeleton. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

The year of publication of livraison 97, usually given as 1835 following Sherborn (1898: 488), has been corrected to 1836 by Mees (1994: 51) and confirmed by Dickinson (2001: 47). The year of publication of livraison 98 and 99 was subsequently corrected to 1836 by Dickinson (2001: 47) (also contra Sherborn, (1898), who gave 1835 for both livraisons).

Schifter *et al.* (2007: 141) listed another syntype for *wumizusume* in the NMW (NMW 69597), collected by von Siebold, which arrived in 1841.

Brandt's name was published without description but with reference to "Temm. Planch. Col. tab. 579". The same specimens are therefore types of both names.

## SPHENISCIFORMES

### Spheniscidae

*Eudyptes schlegeli* Finsch, 1876: 204 = *Eudyptes schlegeli* Finsch, 1876.

Holotype, RMNH.AVES.87035, adult, sex unknown, mounted skin. Loc.: Macquarie Island, New Zealand. Leg.: -.

Holotype by monotypy. Finsch's description is based on a single specimen ("indiv. No. 3, Schleg. in Mus. P.B.").

## PROCELLARIIFORMES

### Diomedeidae

*Diomedea brachiura* Temminck, 1828, livr. 75 = *Phoebastria albatrus* (Pallas, 1769).

This name was first published by Temminck in the introduction to the genus *Albatros* (livr. 75). A full description followed in the text to plate 456. Syntypes are in the MNHN and Japan.

For the date of publication of livraison 75, see Dickinson (2001: 46).

*Diomedea cauta* Gould, 1841a: 177 = *Thalassarche cauta cauta* (Gould, 1841).

Paralectotype, RMNH.AVES.87009.

According to an acquisition list in the RMNH archives, Temminck received the specimen from Gould between 01.xii.1840 and 01.iii.1841. The lectotype was selected by Stone (1913: 138) and is in the ANSP (ANSP 4518, female. Loc.: Tasmania).

*Diomedea melanophris* Temminck, 1828: livr. 77, pl. 456 = *Thalassarche melanophris* (Temminck, 1828).

Syntype, RMNH.AVES.87010, adult, sex unknown, mounted skin. Loc.: Pacific. Leg.: -.

Syntype, RMNH.AVES.87011, adult male, mounted skin. Loc.: St. Paul, Pacific, 19.v.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87012, adult male, mounted skin. Loc.: St. Paul, Pacific, 19.v.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87013, immature male, mounted skin. Loc.: St. Paul, Pacific, 19.v.1826. Leg.: -.

RMNH.AVES.87014 (cranium) and RMNH.AVES.88756 (skeleton), listed as types in Van den Hoek Ostende *et al.* (1997: 12), do not belong to the type series since Temminck did not mention any skeletal material.

The subsequent spelling *melanophris* is an "unjustified emendation" (Art. 33.2.3., ICZN, 1999), but was judged to be in prevailing usage e.g. by Dickinson (2003: 72) who therefore deemed *melanophris* to be a justified emendation (Art. 33.2.3.1., ICZN, 1999). Carlos and Voisin (2008: 130) proposed the conservation of the original spelling *Diomedea melanophris*.



According to Temminck there should also be specimens from the Cape and Australia in the RMNH which are no longer present. Based on the collecting locality and date, RMNH.AVES.87013 must also have been collected by H. Boie.

Berlepsch (1908: 293) designated as lectotype a specimen from the Cape, South Africa. However, he did not specify a particular specimen making this lectotypification invalid as it does not conform to the regulations of the ICZN.

## Hydrobatidae

***Procellaria leachii*** Temminck, 1820b: 812 = *Oceanodroma leucorhoa leucorhoa* (Vieillot, 1818).

Temminck had seen specimens in the NHM (from the Bullock Museum) and the collection of Baillon (now MLC) and knew of specimens in the MNHN and Laugier collection. The specimen in the MLC could not be found (Gouraud, 2015: 147). The specimen in the NHM (NHMUK 1964.23.2) was erroneously listed by Warren (1966: 156) as holotype, which constitutes a lectotype designation.

## Procellariidae

***Nectris chilensis*** Bonaparte, 1857: 202 = *Ardenna grisea* (Gmelin, 1789).

Syntype, RMNH.AVES.87030, adult male, mounted skin. Loc.: Chile. Leg.: -.

***Procellaria tenuirostris*** Temminck, 1836: livr. 99 = *Ardenna tenuirostris* (Temminck, 1836).

Syntype, RMNH.AVES.87033, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87034, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

There is no plate related to the description nor is the livraison mentioned underneath the text, which is generally considered to be livraison 99, following the description and illustration of *Procellaria leucomelas* Temminck, 1836: livr. 99, pl. 587.

The year of publication of livraison 98 and 99 was corrected to 1836 by Dickinson (2001: 46), contra Sherborn, 1898, who gave 1835 for both livraisons.

***Procellaria leucomelas*** Temminck, 1836: livr. 99, pl. 587 = *Calonectris leucomelas* (Temminck, 1836).

Paralectotypes, RMNH.AVES.87016-87018.

The year of publication of livraison 98 and 99 was corrected to 1836 by Dickinson (2001), contra Sherborn, 1898, who gave 1835 for both livraisons.

Voisin *et al.* (1997: 763) erroneously considered a syntype in the collection of the MNHN the holotype by monotypy (MNHN C.G. 1996-1039). As this should be considered lectotype selection, the RMNH specimens become paralectotypes. Another type specimen is in the NMW (NMW 53301; Schifter *et al.*, 2007: 40).

Two crania (RMNH.AVES.87019 and RMNH.AVES.87020), listed as types in Van den Hoek Ostende *et al.* (1997: 13), do not belong to the type series since Temminck did not mention any skeletal material.

***Procellaria nivea major*** Schlegel, 1863h: 15 = *Pagodroma nivea major* (Schlegel, 1863).

Syntype, RMNH.AVES.107018, mounted skin. Loc.: “South Pole”. Leg: J.S.C. Dumont d’Urville, Astrolabe and Zélée Expedition 1837-1842.

Syntype, RMNH.AVES.107020, mounted skin. Loc.: Antarctic Sea. Ex: G.A. Frank, 1863.

Bonaparte (1857: 192) published *Procellaria nivea major* without description making it a *nomen nudum*.

***Procellaria nivea minor*** Schlegel, 1863h: 16 = *Pagodroma nivea nivea* (Forster, 1777).

Syntype, RMNH.AVES.90981, mounted skin. Loc.: “South Pole”. Leg.-.

Syntype, RMNH.AVES.90982, mounted skin. Loc.: Antarctic Sea. Ex: G.A. Frank, 1863.

Bonaparte (1857: 192) published *Procellaria nivea minor* without description making it a *nomen nudum*.

***Procellaria aterrima*** Bonaparte, 1857: 191 = *Pseudobulweria aterrima* (Bonaparte, 1857).

Paralectotype, RMNH.AVES.87021.

The lectotype was designated by Jouanin (1970: 55) and is in the MNHN (MNHN C.G. 1995-263; Voisin *et al.*, 1997: 761).

Bonaparte based his description on specimens in the MNHN and RMNH and referred to a MS name given by Verreaux. According to handwritten notes in his private copy of the Conspectus Avium, Verreaux considered *P. aterrima* and *Puffinus pacificus* to be the same species and applied the names to the wrong specimens (Jouanin, 1970). To avoid further confusion, Jouanin (1970: 55) selected MNHN C.G. 1995-263 as lectotype. Consequently, RMNH.AVES.87021, in Van den Hoek Ostende *et al.* (1997: 13) listed as syntype, becomes paralectotype.

According to Jouanin (1970: 55), MNHN C.G. 1995-263 and RMNH.AVES.87021 are two of four known specimens.

***Procellaria hasitata*** Kuhl, 1820a: 142.

***Procellaria leucocephalae*** Kuhl, 1820a: 142 = *Pterodroma hasitata* (Kuhl, 1820).

Holotype, RMNH.AVES.87022, adult, sex unknown, mounted skin. Loc.: Indian Ocean. Leg.: -.

Holotype by monotypy. Kuhl described this species from a single specimen in the Bullock Museum bought by Temminck for the RMNH. Kuhl attributed this name to Forster, based on a manuscript name on the original drawing (“tab. 97”) of this specimen. He synonymised *Procellaria leucocephalae*, another Forster manuscript name (“tab. 98”), with *P. hasitata*. By doing so Kuhl inadvertently also published this manuscript name for the first time, not Forster and Lichtenstein (1844) as is commonly believed.

See also Schlegel (1863h: 13) and Hellmayr and Conover (1948: 76) who confirmed the presence of the type specimen in the RMNH.

***Procellaria incerta*** Schlegel, 1863h: 9 = *Pterodroma incerta* (Schlegel, 1863).

Syntype, RMNH.AVES.87023, adult, sex unknown, mounted skin. Loc.: “Mers australes” [= error]. Leg.: -.

Syntype, RMNH.AVES.87024, adult, sex unknown, mounted skin. Loc.: “New Zealand” [= error]. Leg.: M. de Beligny.

Syntype, RMNH.AVES.87025, adult male, mounted skin. Loc.: “Australia” [= error]. Ex: Maison Verreaux, 1863.

Syntype, RMNH.AVES.87026, chick, mounted skin. Loc.: “New Caledonia” [= error]. Ex: Maison Verreaux, 1863.

All specimens Schlegel listed in his description are still available. The type localities “Mers australes, côtes de la Nouvelle Zéelande, Mers de l’Australie, Nouvelle Calédonie” must be an error since *P. incerta* does not occur there but ranges through the South Atlantic Ocean, off the east coast of South America to the west coast of Africa, and breeds only on Tristan and Gough Islands of Tristan da Cunha (Mathews, 1932; Hellmayr and Conover, 1949; Carboneras, 1992). De Beligny possibly collected his specimen on the journey to or from New Zealand (in 1840 or 1845).

Some doubt remains about the taxonomic identity of the downy chick (G.O. Keijl, pers. comm., 31.x.2007).

***Procellaria neglecta*** Schlegel, 1863h: 10 = *Pterodroma neglecta neglecta* (Schlegel, 1863).

Syntype, RMNH.AVES.87027, adult male, mounted skin. Loc.: Kermadec Islands [error for Meyer Islets] [Leg.: J. MacGillivray.] Ex: Maison Verreaux.

Syntype, RMNH.AVES.87028, adult female, mounted skin. Loc.: Sunday Island [error for Meyer Islets], vii.1854. [Leg.: J. MacGillivray.] Ex: Maison Verreaux, 1863.

Syntype, RMNH.AVES.87029, adult, sex unknown, mounted skin. Loc.: Kermadec Island [error for Meyer Islets], vii.1854. [Leg.: J. MacGillivray.] Ex: Maison Verreaux, 1863.

All specimens listed by Schlegel are still available. Apparently, all of them were collected by John MacGillivray in July 1854. MacGillivray’s original journal shows that these specimens were collected on the Meyer Islets and not, as is commonly believed, on Raoul Island (D. Medway, pers. comm).

***Procellaria anglorum*** Temminck, 1820b: 806 = *Puffinus puffinus* (Brünnich, 1764).

Syntype, RMNH.AVES.87031, adult, sex unknown, mounted skin. Loc.: Europe. Leg.: -.

Syntype, RMNH.AVES.87032, adult, sex unknown, mounted skin. Loc.: Europe. Leg.: -.

## CICONIIFORMES

### Ciconiidae

***Anastomus lamelligerus*** Temminck, 1823: livr. 40, pl. 236 = *Anastomus lamelligerus lamelligerus* Temminck, 1823.

Syntype, RMNH.AVES.87081, adult, sex unknown, mounted skin. Loc.: Senegal. Leg.: -.

According to the original description the second syntype, reported by Delalande from South Africa, is in the MNHN.

***Ciconia Abdimii*** Lichtenstein, 1823: 76 = *Ciconia abdimii* Lichtenstein, 1823.

Syntype, RMNH.AVES.87082, adult male, mounted skin. Loc.: Nubia. Leg.: Ehrenberg. Ex: M.H.C. Lichtenstein, MfN.

The specimen was received in exchange with the MfN in 1823.

***Dissoura neglecta*** Finsch, 1904: 94 = *Ciconia episcopus neglecta* (Finsch, 1904).

Syntype, RMNH.AVES.87083, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.87084, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.87085, adult male, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], xii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.87086, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: 1870.

Syntype, RMNH.AVES.87087, adult, sex unknown, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsman], 1878.

Syntype, RMNH.AVES.87088, adult, sex unknown, mounted skin. Loc.: Minahassa, Celebes [= Sulawesi], [Indonesia]. Leg.: S.C.J.W. van Musschenbroek, 1878.

Syntype, RMNH.AVES.87089, immature, mounted skin. Loc.: Bugo, Soembawa [= Sumbawa], [Indonesia], xii.1879. Leg.: J.W. van Lansberge, v.1882.

Syntype, RMNH.AVES.87090, adult female, mounted skin. Loc.: Soewassoe, Celebes [= Sulawesi], [Indonesia], 16.vi.1863. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.87091, adult, sex unknown, mounted skin. Loc.: N. Celebes [= Sulawesi], [Indonesia]. Leg.: F. von Faber, 1883.

Syntype, RMNH.AVES.87092, adult, sex unknown, mounted skin. Loc.: Menado [= Manado], Celebes [= Sulawesi], [Indonesia]. Leg.: F. von Faber, 1883.

The species was first published in a key. Later, Finsch (1905) gave a full description according to which he had five specimens from Java, five from Celebes and one from Sumbawa (one of the Java specimens seems to have been lost since).

Teijsmann's specimen was most likely collected during the Celebes expedition of 1877, during which he stayed in the Makassar area in June-July, October and December.

Two skeletons (RMNH.AVES.87093 and RMNH.AVES.87094) listed by Van den Hoek Ostende *et al.* (1997: 20) do not belong to the type series as Finsch did not mention any skeletal material.

***Ciconia argala*** Temminck, 1824, livr. 51, pl. 301, nec Latham, 1790 = *Leptoptilos crumenifer* (Lesson, 1831).

Possible syntype, RMNH.AVES.234677, adult, sex unknown, mounted skin. Loc.: Africa. Ex: Cabinet Temminck.

Temminck caused confusion by naming this taxon from Africa *argala* and the one from Asia (see next entry) *marabou* which are both local names. However, Temminck mixed them up as he should have given *argala* to the Asian taxon and *marabou* to the African. See e.g. Bennett (1835: 274-276).

The name *argala* Temminck, 1824 (Africa) is preoccupied by *argala* Latham, 1790 (Africa and Asia). The latter being misapplied; *crumenifer* Lesson, 1831 is the next available name for the taxon from Africa.

Temminck referred to specimens from various parts of Africa in the collections

of the MNHN, NMW, MfN, SMF and RMNH. RMNH.AVES.234677 is listed here as a possible syntype as it originates from Temminck's Cabinet which was established well before 1824. The name *argala* is, however, not mentioned under the stand. No type specimens are listed in Schifter *et al.* (2007).

***Ciconia marabou*** Temminck, 1824: livr. 51, pl. 300 = *Leptoptilos dubius* (Gmelin, 1789).

Syntype, RMNH.AVES.87095, adult, sex unknown, mounted skin. Loc.: Ganges, India. Leg.: -.

According to the original description other syntypes are in the MNHN. See also under *Ciconia argala* Temminck, 1824.

***Ciconia capillata*** Temminck, 1824: livr. 53, pl. 312 = *Leptoptilos javanicus* (Horsfield, 1821).

Syntype, RMNH.AVES.87096, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.87097, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

According to the original description two syntypes (immature birds) are in the MNHN. Schifter *et al.* (2007: 51) listed a possible syntype in the NMW (NMW 47612) which arrived in April 1830.

***Tantalus lacteus*** Temminck, 1825: livr. 59, pl. 352 = *Mycteria cinerea* (Raffles, 1822).

Syntype, RMNH.AVES.87098, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.87099, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.87100, immature male, mounted skin. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Kuhl and Van Hasselt collected on Java from December 1820 until September 1821. Two skeletons also collected by Kuhl and Van Hasselt are not included in the type series, since Temminck makes no reference to skeletal material. One was sent to the NMW in September 1833.

## SULIFORMES

### Anhingidae

***Plotus Levallantii*** Temminck, 1807: 196 = *Anhinga rufa rufa* (Daudin, 1802).

Syntype, RMNH.AVES.87036, immature female, mounted skin. Loc.: "Cap", [South Africa]. Leg.: F. Levallant.

Syntype, RMNH.AVES.87037, adult male, mounted skin. Loc.: "Cap", [South Africa]. Leg.: F. Levallant.

One specimen was sent to the NMW in 1821 (1821.LXXIII.60) and one in April 1830 (1830.VII.104).

## Phalacrocoracidae

***Carbo Desmarestii*** Payraudeau, 1826: 464 = *Phalacrocorax aristotelis desmarestii* (Payraudeau, 1826).

Paralectotype, RMNH.AVES.87038.

The lectotype was selected by Voisin *et al.* (1998: 65) and is in the Muséum Ornithologique Ch. Payraudeau, La Chaize-le-Vicomte, France (no. 00049). Another paralectotype is in the MLC (MLC.2010.0.73).

***Carbo capillatus*** Temminck and Schlegel, 1849: pl. 83.

***Carbo filamentosus*** Temminck and Schlegel, 1850: 129 = *Phalacrocorax capillatus* (Temminck and Schlegel, 1849).

Lectotype, RMNH.AVES.87039, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Paralectotypes, RMNH.AVES.87040-87044, RMNH.AVES.107933 (= *Phalacrocorax carbo hanedae* Kuroda, 1925).

This taxon was erroneously given two different names: on plate 83 and 83B it was referred to as *Carbo capillatus*, but in the text on p. 129 as *C. filamentosus*. According to Holthuis and Sakai (1970) both plates appeared in 1849 (not 1848 as erroneously stated by Dekker *et al.*, 2001: 205), whereas the text was published in 1850. The priority of *C. capillatus* was first accepted by Dorst and Mougin (1979), who footnoted that Reichenbach (1850) and Bonaparte (1857) had both selected *capillatus*. See also Dekker *et al.* (2001: 205), Morioka *et al.* (2005) and Mlíkovský (2012b: 111).

Schlegel (1863k: 10) listed eight specimens: seven from von Siebold and/or Bürger (of which six are still present in the RMNH), while the collector of the 8<sup>th</sup> specimen is unknown. He referred to RMNH.AVES.87039 as “type du *Carbo capillatus*” and as the depicted specimen, hereby designating it as lectotype. RMNH.AVES.107933 has been identified as *Phalacrocorax carbo hanedae* Kuroda, 1925. Two specimens collected by von Siebold arrived in the NMW in 1841.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Phalacrocorax lugubris*** Rüppell, 1845: 134 = *Phalacrocorax lucidus* (Lichtenstein, 1823).

Paralectotype, RMNH.AVES.87045.

Steinbacher (1949: 103) designated the lectotype in the SMF (SMF 12 698).

***Phalacrocorax mentalis*** Bonaparte, 1857: 175 = *Phalacrocorax magellanicus* (Gmelin, 1789).

Holotype, RMNH.AVES.87046, immature, mounted skin. Loc.: Ile Magdalena, Malowines. Ex: G.A. Frank.



The locality under the stand is given as Ile Magdalena, with Malowines (= Falklands) added to it. However, Ile Magdalena is located in the Strait of Magellan, not in the Falklands (R. Woods, pers. comm., 26.ii.2004).

***Carbo graculus*** Temminck, 1820b: 897 = not applicable, see below.

Van den Hoek Ostende *et al.* (1997: 16) listed three syntypes which could be identified as *Phalacrocorax sulcirostris* (Brandt, 1837) (RMNH.AVES. 87047-87048) and *P. olivaceus mexicanus* (Brandt, 1837) (RMNH.AVES.87049). However:

1. Temminck mentioned *Carbo graculus* already in the first edition of his 'Manuel d'ornithologie' (Temminck, 1815b: 589);
2. In both editions the name is listed as given by Meyer. According to Ogilvie-Grant (1898: 364), *Carbo graculus* Meyer and Wolf, 1810 is used in the way Linnaeus, 1766 did, a younger synonym of *Pelecanus aristotelis* Linnaeus, 1761 (now *Phalacrocorax aristotelis*).
3. Temminck referred in both editions to *C. graculus* Gmelin, 1788 (in 1815 for the immature bird, in 1820 for all specimens), which is the same taxon, *Phalacrocorax aristotelis* (Linnaeus, 1761).

Considering this, it was obviously not Temminck's intention to describe a new species. He applied the name *graculus* to the wrong specimens and listed the birds known as *P. aristotelis* under the name *Carbo cristatus*. According to the Code (ICZN, 1999, Art. 49) a name wrongly applied through misidentification is not available and therefore cannot have type specimens.

## PELECANIFORMES

### Threskiornithidae

***Ibis carunculata*** Rüppell, 1837: 49, p. 19 = *Bostrychia carunculata* (Rüppell, 1837).

Paralectotypes, RMNH.AVES.90939-90941.

The lectotype was designated by Steinbacher (1949: 103) and is in SMF (SMF 12597). Paralectotypes are in SMF and NHM (Steinheimer, 2005a: 236). According to correspondence in the RMNH archives ("Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna"), the RMNH specimens were sold by Rüppell to the museum between September and October 1837.

***Lampribus splendida*** Salvadori, 1903: 185 = *Bostrychia olivacea olivacea* (Du Bus de Gisignies, 1838).

Holotype, RMNH.AVES.87101, adult male, skin. Loc.: Sofore-Place, Liberia, 11.vi.1880. Leg.: J. Büttikofer and C.F. Sala.

Holotype by monotypy.

***Ibis nippon*** Temminck, 1835: livr. 93, pl. 551 = *Nipponia nippon* (Temminck, 1835).

Holotype, RMNH.AVES.87102, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Holotype by monotypy, as Temminck refers to a unique specimen. Temminck mentioned Von Siebold and a single specimen from Japan in the RMNH. RMNH.AVES.87102 fits best the bird depicted on plate 551. A second specimen (RMNH.AVES.195123) was collected by Bürger and can therefore not be part of the type series. Neither are two skulls, listed as syntypes in Van den Hoek Ostende *et al.* (1997: 21). For more information on this name, see Dekker *et al.* (2001: 208-209).

***Nipponia Temminckii*** Reichenbach, 1850: xiv = *Nipponia nippon* (Temminck, 1835).

Syntype, RMNH.AVES.87102, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Reichenbach did not give a full description on page xiv but referred to two plates in his “Iconographie” (Reichenbach, 1836): “Ic. Av. t. 141. ic. 538” and “t. 149. ic. 2569”. The bird depicted in figure 538 of plate 141 was obviously copied from Temminck’s Planches Coloriées. RMNH.AVES.87102 is therefore also a syntype of *Nipponia Temminckii* Reichenbach, 1850. The second syntype, the specimen depicted in figure 2569 of plate 149, could not be traced (Dekker *et al.*, 2001: 208-209). For more information on dating of texts and plates see, Dekker *et al.* (2001).

Van den Hoek Ostende *et al.* (1997: 22) erred in suggesting that the type material of *Ibis nippon* Temminck was also type material for *Ibis temmincki* Reichenow, 1877. Reichenow’s name is a new combination of Reichenbach’s name listed above (see Dekker *et al.*, 2001).

***Platalea major*** Temminck and Schlegel, 1849: p. 119, pl. 75 = *Platalea leucorodia leucorodia* Linnaeus, 1758.

***Platalea japonica*** Reichenow, 1877: 159 (*nomen novum* in part).

Holotype for *major*, syntype for *japonica*, RMNH.AVES.87105, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Holotype by monotypy. Temminck and Schlegel state (1849: 119) that they received only one specimen of the two new Japanese species of *Platalea*.

Reichenow proposed the name *japonica* as a *nomen novum* for *P. major* Temminck and Schlegel, 1849 and *P. minor* Temminck and Schlegel, 1849, which he considered as a single species. Previously *japonica* was listed in synonymy of *minor* (e.g. Sharpe, 1898: 51), but description and measurements comprise both taxa.

The description on page 119 as well as the plate appeared in 1849 (Holthuis and Sakai, 1970). See also Mlíkovský (2012b) and Dekker *et al.* (2001).

***Platalea minor*** Temminck and Schlegel, 1849: p. 120, pl. 76 = *Platalea minor* Temminck and Schlegel, 1849.

***Platalea japonica*** Reichenow, 1877: 159 (*nomen novum* in part).

Holotype for *minor*, syntype for *japonica*, RMNH.AVES.87107, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Holotype by monotypy, see also *Platalea major*. The description on page 120 as well as the plate appeared in 1849 (Holthuis and Sakai, 1970). See also Mlíkovský (2012b) and Dekker *et al.* (2001).

Reichenow proposed the name *japonica* as a *nomen novum* for *P. major* Temminck and Schlegel, 1849 and *P. minor* Temminck and Schlegel, 1849, which he

considered as a single species. Previously *japonica* was listed in synonymy of *minor* (e.g. Sharpe, 1898: 51), but description and measurements comprise both taxa.

***Tantalus chalconotus*** Temminck, 1830: livr. 86, pl. 511 = *Plegadis chihi* (Vieillot, 1817).

Lectotype, RMNH.AVES.87108, adult, sex unknown, mounted skin. Loc.: Chile. Leg.: -.

Schlegel (1863n: 5) listed RMNH.AVES.87108 as "type de *Ibis chalconotus*, Temminck", hereby designating it lectotype.

According to the original description paralectotypes from Chile are in the MNHN. However, Voisin (1993) did not list any specimens there which could fit as a type.

This species is depicted on plate 511, not 515 as erroneously given in Van den Hoek Ostende *et al.* (1997: 22).

***Ibis peregrina*** Bonaparte, 1857: 159 = *Plegadis falcinellus* (Linnaeus, 1766).

Syntype, RMNH.AVES.87109, immature female, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia], iii.1828. Leg.: S. Müller.

Bonaparte referred to specimens in the RMNH from Java collected by Korthals, from Makassar collected by Müller and from "Menado" [= Manado] collected by Forsten. We assume Bonaparte confused his data as there are specimens from Java collected by Müller and from Lake Gorontalo (Sulawesi) collected by Forsten. No specimens collected by Korthals could be found or are mentioned in the catalogue by Schlegel (1863n: 3-4).

There are also specimens collected by Kuhl and Van Hasselt from Java which must have been present at the time of Bonaparte's visit. Two early specimens from Java have no collector indicated on the label and two specimens collected by Forsten are labelled 'Celebes'. These have not been listed here, since they do not fit the provenance or collector indicated by Bonaparte, but all these specimens could be part of the type series.

***Ibis papillosa*** Temminck, 1824: livr. 51, pl. 304 = *Pseudibis papillosa* (Temminck, 1824).

Paralectotypes, RMNH.AVES.87110-87111.

Voisin (1993: 46) selected the lectotype in the MNHN (MNHN C.G. 1992-376) and listed another paralectotype (MNHN 1992-375). The MLC holds another paralectotype (MLC.2011.0.503).

According to Schlegel (1863n: 11) RMNH.AVES.87110 is the depicted specimen.

***Ibis plumbeus*** Temminck, 1823: livr. 40, pl. 235 = *Theristicus caerulescens* (Vieillot, 1817).

Paralectotypes, RMNH.AVES.90999-91000.

According to the original description other type specimens are in the MNHN and

NMW. Voisin (1993) listed a specimen in the MNHN (MNHN C.G. 1992-374) and declared it erroneously as holotype by monotypy, which must be considered as lectotype selection. All other type specimens therefore become paralectotypes.

Schifter *et al.* (2007: 51-52) mentioned two types collected by Natterer in Ypanema in the NMW (both erroneously under NMW 47467, but second specimen: NMW 47474, E. Bauernfeind, pers. comm., ix.2007). Both specimens were identified as *Mesembrinibis cayennensis* (Gmelin, 1789). However, Temminck described and depicted specimens of *Theristicus caerulescens*. Consequently, there remains some doubt about the type status of these specimens.

***Theristicus columbianus*** Finsch, 1899b: 23 = *Theristicus caudatus caudatus* (Boddaert, 1783).

Holotype, RMNH.AVES.87112, immature, sex unknown, mounted skin. Loc.: Colombia. Ex: Deyrolle, 1867.

Holotype by monotypy. Finsch mentioned a single specimen from Colombia, received from Deyrolle, Paris, in 1867 and described it as an adult bird. Based on its label however, it is immature.

***Ibis leucon*** Temminck, 1829: livr. 81, pl. 481 = *Threskiornis melanocephalus* (Latham, 1790).

Paralectotypes, RMNH.AVES.87113, 91001-91004.

According to Dickinson (2001: 46), livraison 81 was published in 1829 and not in 1824 as given by Voisin (1993).

Temminck mentioned a series of specimens in the RMNH, including all ages and both sexes. Voisin (1993: 49) listed two type specimens in the MNHN and selected one as the lectotype of Temminck's name and of *Ibis bengala* Cuvier, 1829 (MNHN C.G. 1992-373) and the second specimen, paralectotype of *leucon*, as the lectotype of *Ibis macei* Wagler, 1827 (MNHN C.G. 1992-366). Having the same collecting data, MNHN C.G. 1992-367, listed as a paralectotype of *Ibis macei* by Voisin (1993), might even be a third paralectotype of *leucon*.

Schifter *et al.* (2007: 52-53) listed a possible type specimen in the NMW (NMW 63273).

## Ardeidae

***Ardea flavirostris*** "Temminck" Wagler, 1827: spec. 9, [p. 177] = *Ardea alba melanorhynchos* Wagler, 1827/*A. a. modesta* Gray, 1831.

A specimen from Java in the RMNH (RMNH.AVES.108220) does not refer to Prevost as indicated by Wagler, but to Boie. We therefore do not list this specimen as syntype of *Ardea flavirostris* Wagler. Schifter *et al.* (2007: 46) refer to a specimen from South Africa received from Temminck in 1830 (NMW 47.453) which does not refer to Prevost either. According to J. Jansen (pers. comm., 2022) another specimen was sent by Temminck in 1823 to the MfN.

***Ardea cinerea altirostris*** Mees, 1971b: 225 = *Ardea cinerea jouyi* Clark, 1907.

Holotype, RMNH.AVES.28454, adult male, skin. Loc.: Sedari, Java, [Indonesia], 12.iii.1918. Ex: M.E.G. Bartels, 01.vi.1954.  
Paratypes, RMNH.AVES.28443-28453, 28455-28463, 87052-87056, 252791, 252915.

*Ardea goliat* Temminck, 1829: livr. 80, pl. 474 = *Ardea goliath* Cretzschmar, 1829.

Paralectotype, RMNH.AVES.90748.

According to Dickinson (2001: 46) plate 474 was published in livraison 80 on 5 September 1829. Cretzschmar's description (in Rüppell's Atlas Reise Nördl. Afrika, Vögel: p. 39, pl. 26) did also appear in 1829 (Steinbacher, 1949: 103). Since no exact date is given the publication must be adopted to 31 December 1829 (Art. 21.3.; ICZN, 1999). Although Temminck's *Ardea goliat* would have priority over Cretzschmar's *A. goliath*, Steinheimer (2005b: 168-170) gave evidence that *A. goliat* Temminck has not been used as a valid name since 1899, whereas the younger name *A. goliath* Cretzschmar is in prevailing usage. In accordance with Art. 23.9.2. (ICZN, 1999) he declared *A. goliath* Cretzschmar as a *nomen protectum* giving precedence over *A. goliat* Temminck, thus as *nomen oblitum* making *A. goliat* Temminck invalid but available and linked to its type specimens.

Temminck referred to a specimen depicted by Rüppell in his "Atlas zu der Reise im nördlichen Afrika" (between immature and adult) and to an adult in the RMNH.

Steinbacher (1949: 103) designated the lectotype in the SMF (SMF 12598).

*Ardea purpurea madagascariensis* van Oort, 1910c: 83 = *Ardea purpurea madagascariensis* van Oort, 1910.

Syntype, RMNH.AVES.87057, adult male, mounted skin. Loc.: N.W. Madagascar. Leg.: D.C. van Dam.  
Syntype, RMNH.AVES.87058, adult female, mounted skin. Loc.: Foulpoint, Madagascar, 02.xi.1875.  
Leg.: J.P. Audebert.

*Ardea typhon* Temminck, 1829: livr. 80, pl. 475.

*Ardea Temminckii* Reichenbach, 1852: p. XVI (*nomen novum*) (see t.159, ic. 466).

*Ardea robusta* Bonaparte, 1855: 110 (ex MS Muller) (*nomen novum*) = *Ardea sumatrana* Raffles, 1822.

Holotype, RMNH.AVES.87059, adult, sex unknown, mounted skin. Loc.: "Inde Continentale" [written under the stand], "Engelsch Indie" [on the label] [= British India = India = error]. Leg.: -.

Holotype by monotypy. Temminck referred to a single object from Africa (Gambia, Galam) in the RMNH. This was obviously an error since he described and depicted a specimen of *A. sumatrana* Raffles, 1822. The locality "Indonesia" given by Van den Hoek Ostende *et al.* (1997: 18) was also wrong. The label gives "Engelsch Indie" [= British India] while the stand gives "Inde Continentale": both are erroneous as the species does not occur in India.

*Ardea semirufa* Schlegel, 1863g: 35 = *Ardeola rufiventris* (Sundevall, 1850).

Syntype, RMNH.AVES.87060, adult, sex unknown, mounted skin. Loc.: South Africa. Ex: G.A. Frank, 1862.

Syntype, RMNH.AVES.87061, immature, mounted skin. Loc.: South Africa. Ex: G.A. Frank, 1862.

According to the labels these specimens were received in 1862. Schlegel, however, gave 1861 as the acquisition date.

*Ardea stellaris capensis* Schlegel, 1863g: 48 = *Botaurus stellaris capensis* (Schlegel, 1863).

Syntype, RMNH.AVES.87062, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87063, adult male, mounted skin. Loc.: Latakou [= Dithakong], South Africa, x.1834. Leg.: J.P. Verreaux. Ex: Maison Verreaux, 1858.

*Ardea nigripes* Temminck, 1840: 376. = *Egretta garzetta nigripes* (Temminck, 1840).

Syntype, RMNH.AVES.87064, adult male, mounted skin. Loc.: Java, [Indonesia], [ix.1821 - ix.1823]. Leg.: J.C. van Hasselt.

Syntype, RMNH.AVES.87065, adult male, mounted skin. Loc.: Surabaya, Java, [Indonesia]. Leg.: S. Müller.

Syntype, RMNH.AVES.87066, adult female, mounted skin. Loc.: Surabaya, Java, [Indonesia], ii.1827. Leg.: S. Müller.

Syntype, RMNH.AVES.87067, immature, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.87068, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [vi.1826-ix.1827]. Leg.: H. Boie.

Schifter *et al.* (2007: 47) listed another syntype in the NMW (NMW 47482) which arrived there in April 1830. Aimassi *et al.* (2020: 97) listed a syntype in the MZUT (MZUT Av15625). One arrived in the MfN in December 1824.

*Ardea Lansbergei* Schlegel, 1879e: 113 = *Egretta picata* (Gould, 1845).

Syntype, RMNH.AVES.87069, immature, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1878.

Syntype, RMNH.AVES.87070, immature, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1878.

Syntype, RMNH.AVES.87071, immature, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1878.

Syntype, RMNH.AVES.87072, immature, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1878.

Syntype, RMNH.AVES.87073, immature, mounted skin. Loc.: Makassar, Celebes [= Sulawesi], [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1878.

The specimens are most likely collected during Celebes expedition of 1877, during which Teijsmann stayed in the Makassar area in June-July, October and December.

*Ardea (Herodias) picata* Gould, 1845a: 62 = *Egretta picata* (Gould, 1845).

Possible paralectotype, RMNH.AVES.233489.

Fisher and Calaby (2009: 90) listed this specimen as a possible type. The lectotype was selected by Stone (1913: 143) which is in the ANSP (ANSP 6668, female. Loc.: Port Essington).

*Nycticorax goisagi* Temminck, 1836: livr. 98, pl. 582 = *Gorsachius goisagi* (Temminck, 1836).



Paralectotypes, RMNH.AVES.87074-87077.

By mistake, Voisin and Voisin (1996: 597) considered the only specimen in the MNHN as holotype (MNHN C.G. 1995-241), which is therefore a lectotype selection.

The year of publication of livraison 97, usually given as 1835 following Sherborn (1898: 488), has been corrected to 1836 by Mees (1994: 51) and confirmed by Dickinson (2001: 47). The year of publication of livraison 98 and 99 was subsequently corrected to 1836 by Dickinson (2001: 47) (also contra Sherborn, 1898: 488, who gave 1835 for both livraisons).

According to Schlegel (1863g: 55) the two females were collected by Von Siebold, although on the labels Bürger is given as collector.

A skull (RMNH.AVES.87078) listed as paralectotype by Van den Hoek Ostende *et al.* (1997: 19) does not belong to the type series since Temminck did not mention any skeletal material. This skull has later been identified as *Nycticorax nycticorax*.

***Nycticorax limnophilax*** Temminck, 1836: livr. 98, pl. 581 = *Gorsachius melanolophus* (Raffles, 1822).

Syntype, RMNH.AVES.87079, immature, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.108662, immature, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

The year of publication of livraison 97, usually given as 1835 following Sherborn (1898: 488), has been corrected to 1836 by Mees (1994: 51) and confirmed by Dickinson (2001: 47). The year of publication of livraison 98 and 99 was subsequently corrected to 1836 by Dickinson (2001: 47) (also contra Sherborn, 1898: 488, who gave 1835 for both livraisons).

Temminck gave no indication how many specimens he had and where he had seen them, but he mentioned that both sexes are alike so he had more than one specimen.

Kuhl and Van Hasselt collected on Java from December 1820 until September 1821.

***Ardea sibilatrix*** Temminck, 1824: livr. 46, pl. 271 = *Syrigma sibilatrix sibilatrix* (Temminck, 1824).

Syntype, RMNH.AVES.87080, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: Bonjour.

According to the original description other syntypes are in the MNHN. However, Voisin and Voisin (1996) did not list any specimen in the MNHN which could fit as type. According to Gouraud (2015: 138) the specimen Temminck saw in the MNHN is now in the MLC (MLC.2010.0.77).

## Pelecanidae

***Pelecanus conspicillatus*** Temminck, 1824: livr. 47, pl. 276. = *Pelecanus conspicillatus* Temminck, 1824.

According to Voisin (1992: 170), the holotype is in the MNHN (MNHN C.G. 1991-1129).

***Pelecanus crispus*** Bruch, 1832: 1109 = *Pelecanus crispus* Bruch, 1832.

Syntype, RMNH.AVES.87051, adult female, mounted skin. Loc.: Dalmatia, [Croatia], [iii.1831]. Ex: C.F. Bruch.

Bruch based his description on an adult female in his own collection shot in Dalmatia in March 1831 and on an illustration of an immature from the same date from Cairo depicted by Kittlitz (1833).

***Pelecanus minor*** Rüppell, 1837b: 186. = *Pelecanus onocrotalus* Linnaeus, 1758.

Syntype, RMNH.AVES.87050, adult, sex unknown, mounted skin. Loc.: “Egypte inferior” [Egypt]. Leg.: W.P.E.S. Rüppell.

## ACCIPITRIFORMES

### Cathartidae

***Cathartes urubutinga*** Pelzeln, 1861: 7 = *Cathartes burrovianus urubutinga* Pelzeln, 1861.

Syntype, RMNH.AVES.87114, adult male, mounted skin. Loc.: Forte [de São Joaquim] do Rio Branco, Brazil, 12.ii.1832. Leg.: J. Natterer. Ex: NMW, 1862.

Syntype, RMNH.AVES.87115, adult female, mounted skin. Loc.: Forte [de São Joaquim] do Rio Branco, Brazil, 21.iv.1832. Leg.: J. Natterer. Ex: NMW, 1862.

The collecting locality and collecting date of RMNH.AVES.87115 given by Van den Hoek Ostende *et al.* (1997: 24) are incorrect. According to Schifter *et al.* (2007: 60-61) the original description was based on nine specimens collected by Natterer in Forte do Rio Branco, Sapitiba and Irisanga. Five syntypes from these localities are held by the NMW (NMW 39872, NMW 40083 - 40085 and NMW 44259). Another syntype is in the NMNH (USNM 34984, Deignan, 1961: 39).

***Cathartes vulturinus*** Temminck, 1821: livr. 6, pl. 31 = *Gymnogyps californianus* (Shaw, 1797).

According to Temminck the holotype (by monotypy) is in the NHM (NHMUK Old Vellum Cat. 5.2.).

### Pandionidae

***Pandion haliaëtus orientalis*** Temminck and Schlegel, 1844: 13 = *Pandion haliaetus haliaetus* (Linnaeus, 1758).

Lectotype, RMNH.AVES.90642, adult female, mounted skin. Loc.: Nagasaki, Japan. Leg.: Ph.F.B. von Siebold.

Paralectotypes, RMNH.AVES.90643-90645.

The lectotype was designated by Dekker *et al.* (2001: 209) fixing *orientalis* to the nominate *haliaetus*. Specimens from Bawean might belong to *P. h. melvillensis*

Mathews, 1912. The name *orientalis* is not listed in early synonymies, e.g. Sharpe (1874). It seems to have been overlooked.

### Accipitridae

***Falco dussumieri*** Temminck, 1824: livr. 52, pl. 308 = *Accipiter badius dussumieri* (Temminck, 1824).

According to the original description, the type specimens are in the MNHN where Voisin and Voisin (2001a: 184) confirmed three types (MNHN 1999-2133 to 1999-2135) and selected MNHN 1999-2133 as lectotype.

See also Dickinson (2001: 51).

***Falco pileatus*** Temminck, 1823: livr. 35, pl. 205 = *Accipiter bicolor pileatus* (Temminck, 1823).

Paralectotypes, RMNH.AVES.87120, 190049-190052.

Temminck based his description on specimens in the MNHN, RMNH and NMW and in the collection of Wied. According to Schlegel (1873a:71), RMNH.AVES.87120 was collected by Natterer. However, Schifter *et al.* (2007: 69-70) contradicted Schlegel by stating that RMNH.AVES.87120 was collected by A.P.M. zu Wied-Neuwied, based on the locality Rio Belmonte, where Natterer never collected. Wied mentioned having a pair of this species in his collection (Wied, 1830: 111) from the Belmonte River near the island of Cachoeirinha (Caschuerinnia) ["Flusse Belmonte .... in der Nähe der Insel Cachoeirinha (Caschuerinnia)"]. One of the alleged Wied specimens (in total three in RMNH and AMNH) must therefore be from another collector or the data got mixed up.

Greenway (1973: 266) designated the lectotype in the AMNH (AMNH 6386). He attributed the lectotype designation to Allen (1889: 267), but Allen did not use the term type for the AMNH specimen. The lectotype designation was overlooked by Van den Hoek Ostende *et al.* (1997: 24), who listed RMNH.AVES.87120 as a syntype, as well as by Schifter *et al.* (2007: 69) for NMW 40066, collected by Natterer in Murungaba. Voisin and Voisin (2001a: 187) listed a specimen in the MNHN which might also fit as type (MNHN C.G. 1999-2161). It was collected in "l'Amerique méridionale" and acquired by the MNHN in 1808. It does, however, not give any reference to Temminck's name on the label as most of Temminck's type specimens in the MNHN do.

***Accipiter chilensis*** Philippi and Landbeck, 1864: 43 = *Accipiter chilensis* Philippi and Landbeck, 1864.

Syntype, RMNH.AVES.87116, adult male, mounted skin. Loc.: Santiago, Chile. Ex: 1862.

Syntype, RMNH.AVES.87117, immature male, mounted skin. Loc.: Santiago, Chile, vi.1863. Ex: Museum Santiago, 1864.

Syntype, RMNH.AVES.87118, immature female, mounted skin. Loc.: Santiago, Chile, vii.1863. Ex: Museum Santiago, 1864.

Syntype, RMNH.AVES.87119, immature female, mounted skin. Loc.: Santiago, Chile, vi.1863. Leg.: Philippi, 1864.

***Nisus cirrhocephalus ceramensis*** Schlegel, 1862c: 39 = *Accipiter erythrauchen ceramensis* (Schlegel, 1862).

Holotype, RMNH.AVES.87121, adult female, mounted skin. Loc.: Ceram, [Indonesia]. Leg.: E.A. Forsten.

Holotype by monotypy. Schlegel referred to a single specimen by stating that Forsten only collected a female. Forsten visited Seram late 1842.

***Nisus erythropus*** Hartlaub, 1855: 354 = *Accipiter erythropus erythropus* (Hartlaub, 1855).

Holotype, RMNH.AVES.87122, adult male, skin. Loc.: Rio Boutry, Côte d'Or [= Ghana]. Leg.: H.S. Pel, 1842.

Holotype by monotypy. Hartlaub didn't mention the number of specimens he had seen, but only described a male and gave a single set of measurements.

***Accipiter büttikoferi*** Sharpe, 1888: 200 = *Accipiter erythropus erythropus* (Hartlaub, 1855).

Syntype, RMNH.AVES.87140, adult male, skin. Loc.: Schiffelinsville, Liberia, 10.i.1887. Leg.: J. Büttikofer and F.X. Stämpfli.

Syntype, RMNH.AVES.87141, adult female, skin. Loc.: Sofore, Liberia, 12.iv.1880. Leg.: J. Büttikofer and C.F. Sala.

Syntype, RMNH.AVES.91010, adult female, skin. Loc.: Du Queah River, Liberia, 19.xii.1885. Leg.: F.X. Stämpfli.

Erroneously identified as *Accipiter minullus* (Daudin, 1800) by Van den Hoek Ostende *et al.* (1997: 27), but later corrected by B. Clark (pers. comm., 11.viii.2004). Syntype (RMNH.AVES.91010) was not listed in Van den Hoek Ostende *et al.* (1997: 27).

***Nisus brutus*** Schlegel, 1865c: 80 = *Accipiter francesiae brutus* (Schlegel, 1865).

Syntype, RMNH.AVES.87123, adult male, mounted skin. Loc.: Mayotte, Comoro Archipelago, 09.v.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Syntype, RMNH.AVES.87124, adult female, mounted skin. Loc.: Mayotte, Comoro Archipelago, 09.v.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Syntype, RMNH.AVES.87125, adult male, mounted skin. Loc.: Mayotte, Comoro Archipelago, 04.v.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Syntype, RMNH.AVES.87126, adult female, mounted skin. Loc.: Mayotte, Comoro Archipelago, 04.vi.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Pp 1-180 of vol. 3 of the 'Nederlandsch Tijdschrift voor de Dierkunde' were published in 1865 (Pieters and Dickinson, 2005: 107), not in 1866 as mentioned by Amadon (1962: 117).

In his description Schlegel mentioned two males and three females. One female could not be located.

***Nisuoïdes Morelii*** Pollen, 1866: 62 = *Accipiter francesiae francesiae* Smith, 1834.

Syntype, RMNH.AVES.87127, adult male, mounted skin. Loc.: Parages de Tintingue, Madagascar. Leg.: Lantz, 1866. Ex: Musée de St. Denis, 1868.

This specimen is one of a series of eight syntypes. The others are in the natural history museum of St. Denis (Réunion).

***Falco regalis*** Temminck, 1830: livr. 84, pl. 495. = *Accipiter gentilis atricapillus* (Wilson, 1812).

Van den Hoek Ostende *et al.* (1997: 25) listed three syntypes (RMNH.AVES.87128 - 87130). However, according to the original description the holotype (by monotypy) is in the MNHN. Voisin and Voisin (2001a: 186) did not list the holotype, but discussed the holotype of *Doedalion pictum* Lesson, 1830, which they identified as *A. g. atricapillus* under current taxonomy. This specimen, MNHN C.G. 1999-2156, collected by Lesueur in North America and received by the museum in 1825 could have been available to Temminck and might be the holotype of *Falco regalis*.

***Astur griseiceps*** Kaup, 1848: 774 = *Accipiter griseiceps* (Kaup, 1848).

Syntype, RMNH.AVES.88990, adult male, mounted skin. Loc.: near beach at Atep, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88991, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88992, immature female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

This name is usually, but incorrectly, attributed to Schlegel (1862c). Forsten stayed in Celebes twice between March 1840 - April 1842.

***Astur (Nisus) gularis*** Temminck and Schlegel, 1844: p. 5, pl. 2 = *Accipiter gularis gularis* (Temminck and Schlegel, 1844).

Syntype, RMNH.AVES.87131, adult male, mounted skin. Loc.: Japan. Leg.: -.

Syntype, RMNH.AVES.87132, adult female, mounted skin. Loc.: Japan. Leg.: -.

***Astur henstii*** Schlegel, 1873a: 62 = *Accipiter henstii* (Schlegel, 1873).

Syntype, RMNH.AVES.87133, adult female, mounted skin. Loc.: Mouroundava [= Morondova], Madagascar, 1870. Leg.: D.C. van Dam.

Syntype, RMNH.AVES.87134, adult male, mounted skin. Loc.: Mouroundava [= Morondova], Madagascar, 1870. Leg.: D.C. van Dam.

***Falco hiogaster*** Müller, 1841: 110 = *Accipiter hiogaster hiogaster* (Müller, 1841).

Syntype, RMNH.AVES.87142, adult male, mounted skin. Loc.: Ambon, [Indonesia], [iv.1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87143, adult female, mounted skin. Loc.: Ambon, [Indonesia], [iv.1828]. Leg.: S. Müller.

Müller collected on Ambon in April 1828.

***Astur novaehollandiae leucosomus*** Sharpe, 1874: 94 = *Accipiter hiogaster leucosomus* (Sharpe, 1874).

Holotype, RMNH.AVES.87144, adult male, skin. Loc.: Aidoema, Lobo Bay, [Papua], [Indonesia], [vi-viii] 1828. Leg.: S. Müller.

Holotype by monotypy. Sharpe gave measurements of a single male in the RMNH.

***Urospizias pallidiceps*** Salvadori, 1879: 474 = *Accipiter hiogaster pallidiceps* (Salvadori, 1879).

Syntype, RMNH.AVES.87145, adult male, mounted skin. Loc.: Buru, [Indonesia], 06.xi.1873. Leg.: S.C.J.W. van Musschenbroek, 1878.

***Astur hypoxanthus*** Schlegel, 1862c: 16 = *Accipiter melanoleucus melanoleucus* Smith, 1830.

Syntype, RMNH.AVES.87135, adult male, mounted skin. Loc.: Zondagsrivier, [South Africa]. Ex: MfN (formerly ZMB 772), 1863.

Discussing *Astur melanoleucus* Smith, 1830, Schlegel split the taxon into two species. He described the adult specimens of the dark morph under *Astur apoxypterus* (holotype in the MfN) and the rufous coloured immature birds as *Astur hypoxanthus*. For *A. hypoxanthus* he listed specimens in the collections of the MfN and MNSL. According to Mauersberger and Neumann (1986: 140) there is no specimen in the MNSL left which could fit as a type. The collection catalogue of the MfN gives three specimens (ZMB 770-772) collected by G.L.E. Krebs in the Sundays River area, South Africa, in 1822. One of them later came to the RMNH, a second is still available (ZMB 771, for images see [www.gbif-vertebrata.de](http://www.gbif-vertebrata.de)), but the third syntype cannot be traced. For more background information on the types see Mauersberger and Neumann (1986: 140).

***Astur Temminckii*** Hartlaub, 1855: 353 = *Accipiter melanoleucus temminckii* (Hartlaub, 1855).

Syntype, RMNH.AVES.87136, adult male, mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Hartlaub mentioned a male and female. The whereabouts of the female are unknown.

***Nisus verreauxii*** Schlegel, 1862c: 37 = *Accipiter melanoleucus subspp.* Smith, 1830.

Syntype, RMNH.AVES.87136, adult male, mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana]. Leg.: H.S. Pel (= *Accipiter melanoleucus temminckii* (Hartlaub, 1855)).

Syntype, RMNH.AVES.87139, adult female, mounted skin. Loc.: Kaikama, [South Africa]. Leg.: J. Verreaux (= *Accipiter melanoleucus melanoleucus* Smith, 1830).

The two syntypes of *Nisus verreauxii* belong to different subspecies of *Accipiter melanoleucus*. RMNH.AVES.87136 is also syntype of *Astur temminckii* Hartlaub, 1855 (see above).

Based on the different coloration of morphs, adults and immature birds, Schlegel split *A. melanoleucus* into three species: *Astur apoxypterus* for the dark morph of the nominate race, *A. hypoxanthus* for the rufous coloured immature (see also *A. hypoxanthus*) and *Nisus verreauxii* for adult birds. As long as *A. melanoleucus* was considered to be monotypic all three names were listed in the synonymy of this name (e.g. Sharpe, 1874: 156; Reichenow, 1901: 551). Only when the smaller west-African race *temminckii* was separated from the bigger nominate race from eastern and southern Africa, the type series became composite.



Since Schlegel's description includes both taxa, the name *verreauxii* cannot unambiguously be applied to one of them. A fixation of *verreauxii* either to *temminckii* or *melanoleucus* by lectotypification would be an arbitrary selection. Furthermore, there is no taxonomic purpose of a lectotype selection since none of the current names is antedated by Schlegel's *verreauxii*. Therefore no lectotype needs to be designated here.

***Falco poliogaster*** Temminck, 1824: livr. 45, pl. 264 = *Accipiter poliogaster* (Temminck, 1824).

Lectotype, RMNH.AVES.87146, adult male, mounted skin. Loc.: [Ypanema], [São Paulo], Brazil, [vi.1819]. Leg.: J. Natterer (395).

According to Dickinson (2001: 50) the text was included in livraison 45. It mentioned two plates: 264 (adult male) and 295 (immature), although the latter only appeared in livraison 50, six months after livraison 45 was published. As given by the original description, another paralectotype is in the NMW (NMW 48082; Schifter *et al.*, 2007: 66).

According to Von Pelzeln (1870: 8) Natterer collected these specimens in March and June 1819 in Ypanema. As the specimen in the NMW is from March, the RMNH specimen was probably collected in June 1819.

Hellmayr and Conover (1949: 68), by referring to the Leiden specimen as "the type", designated it the lectotype.

***Accipiter rhodogaster butonensis*** Voous, 1951: 82 (in: Van Bemmelen and Voous, 1951) = *Accipiter rhodogaster rhodogaster* (Schlegel, 1862).

Holotype, ZMA.AVES.8702, adult female, skin. Loc.: Buton, Celebes [= Sulawesi], [Indonesia], viii.1909. Leg.: M. Mohari. Ex: J. Elbert [Sunda Expedition 1909-1910; #175].  
Paratypes, ZMA.AVES.47902-47903.

According to Van Bemmelen and Voous (1951) there are two paratypes in the Elbert collection in the SMF and probably three in the MZB.

***Nisus virgatus rhodogaster*** Schlegel, 1862c: 32 = *Accipiter rhodogaster rhodogaster* (Schlegel, 1862).

Syntype, RMNH.AVES.87147, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.87148, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Forsten visited the area near Gorontalo from September 1841 - April 1842.

***Nisus sulaënsis*** Schlegel, 1866g: 26 = *Accipiter rhodogaster sulaensis* (Schlegel, 1866).

Holotype, RMNH.AVES.87149, adult female, mounted skin. Loc.: Sula-Besi, [Indonesia], i.1864. Leg.: H.A. Bernstein.

Holotype by monotypy, as Schlegel wrote that Bernstein sent a single adult specimen.

***Falco exilis*** Temminck, 1830: livr. 84, pl. 496 = *Accipiter rufiventris rufiventris* Smith, 1830.

Syntype, RMNH.AVES.87150, adult male, mounted skin. Loc.: “Afrique Australe” [= South Africa]. Leg.: -.

Syntype, RMNH.AVES.87151, adult male, mounted skin. Loc.: “Afrique Australe” [= South Africa]. Leg.: -.

Syntype, RMNH.AVES.87152, adult female, mounted skin. Loc.: “Afrique Australe” [= South Africa]. Leg.: -.

According to Schlegel (1862c: 30) RMNH.AVES.87150 is the depicted specimen of plate 496.

In reaction to Mees (1967: 144), who believed that the birds until then identified as *rufiventris* Smith, 1830 should be called *exilis* Temminck, 1830, the ICZN ruled that the name *exilis* Temminck, 1830 was suppressed in favour of *rufiventris* Smith, 1830 (ICZN, 1974: 186), even though Smith had no intention of describing a new species and the priority was questionable.

***Falco cuculoides*** Temminck, 1822: livr. 19, pl. 110 = *Accipiter soloensis* (Horsfield, 1821).

Syntype, RMNH.AVES.87153, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.87154, immature male, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

This name was published in synonymy of *Falco soloënsis* (Horsfield, 1821).

Temminck wrote in a footnote to plate 109 (*Falco virgatus*), livraison 19, that the description of pl. 110 would be included in livraison 22, pl. 129. According to Dickinson (2001: 48) plate 110 (immature female) appeared in February 1822, followed three months later by livraison 22 containing the text and plate 129 (adult male).

Reinwardt collected in Indonesia from April 1816 until June 1822. Temminck mentioned several specimens of all plumages in the RMNH which were collected by Reinwardt. According to Schifter *et al.* (2007: 67) at least two specimens went in exchange to the NMW (NMW 71223 and 71225) (one in February 1822 and one in September 1833), although they have no reference to Reinwardt. One adult was sent to the MfN in December 1823.

Reinwardt visited Java several times between April 1816 and March 1822.

***Astur macrocelides*** Hartlaub, 1855: 354 = *Accipiter toussenelii macrocelides* (Hartlaub, 1855).

Syntype, RMNH.AVES.87155, adult male, mounted skin. Loc.: Rio Boutry, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87156, adult female, mounted skin. Loc.: Rio Boutry, Côte d’Or [= Ghana], ii.1843. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87157, adult female, mounted skin. Loc.: Saccondee, Côte d’Or [= Sekondi-Takoradi, Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87158, adult male, mounted skin. Loc.: Rio Boutry, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.87159, adult female, mounted skin. Loc.: Saccondee, Côte d’Or [= Sekondi-Takoradi, Ghana], iv.1840. Leg.: H.S. Pel.

*Accipiter trinotatus* Bonaparte, 1850a: 33 = *Accipiter trinotatus* Bonaparte, 1850.

Syntype, RMNH.AVES.87160, adult female, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87161, immature male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Forsten stayed in Celebes twice between March 1840 - April 1842 and in the area near Gorontalo from September 1841 - April 1842.

*Falco trivirgatus* Temminck, 1824: livr. 51, pl. 303. = *Accipiter trivirgatus trivirgatus* (Temminck, 1824).

According to the original description, the type specimens are in the MNHN, where Voisin and Voisin (2001a: 185) listed a specimen as holotype (MNHN 1999-2167).

*Accipiter virgatus fuscipectus* Mees, 1970: 286 = *Accipiter virgatus fuscipectus* Mees, 1970.

Holotype, RMNH.AVES.59023, adult male, skin. Loc.: Wanta River, Taiwan, 04.iii.1969. Leg.: K.H. Chen, 8.v.1969.

Paratypes, RMNH.AVES.49280-49282, 52698, 52755-52756, 52885, 53049, 53197, 53405, 54089, 58873, 59024-59025.

Two paratypes are in the AMNH and three in the NHM.

*Accipiter virgatus quinquefasciatus* Mees, 1984: 314 = *Accipiter virgatus quinquefasciatus* Mees, 1984.

Holotype, RMNH.AVES.81024, adult male, skin. Loc.: Ruteng, Flores, Indonesia, 26.iv.1978. Leg.: E. Schmutz.

A paratype is in the AMNH.

*Accipiter virgatus vanbemmeli* Voous, 1950: 99 = *Accipiter virgatus vanbemmeli* Voous, 1950.

Holotype, ZMA.AVES.2589, adult male, skin. Loc.: Berastagi, [N-Sumatra], [Indonesia], 28.iii.1914. Ex: L.P. le Cosquino de Bussy (110a).

Paratypes, ZMA.AVES.2590, RMNH.AVES.190673, 190676-190678, 194204.

Voous examined 12 birds from the RMNH, MZB, AMNH and MCZ and private collections (now mostly in RMNH) for his description. The RMNH specimens listed above could be identified as part of the type series based on the localities mentioned by Voous.

*Falco virgatus* Temminck, 1822: livr. 19, pl. 109 = *Accipiter virgatus virgatus* (Temminck, 1822).

Holotype, RMNH.AVES.87162, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Livraison 19 was published in February 1822, the text to the plate appeared on 26 June 1824.

Holotype by monotypy. Reinwardt visited Java several times between April 1816 and March 1822.

***Falco fucosa*** ‘Cuvier’ [= Temminck], 1821: livr. 6, pl. 32. = *Aquila audax audax* (Latham, 1801).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 32 is the holotype as the text which appeared later is irrelevant regarding type status. In the text, however, Temminck referred to one specimen in the RMNH and two in the MNHN, none of which has not been reported in Van den Hoek Ostende *et al.* (1997) or any of the type catalogues published by Voisin (and Voisin).

***Falco (Aquila) albicans*** Rüppell, 1835: 34 = *Aquila rapax belisarius* (Levaillant, 1850).

Paralectotypes, RMNH.AVES.87166-87167.

The lectotype was designated by Steinbacher (1949: 104) and is in the SMF (SMF 12609). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 237).

According to correspondence in the RMNH archives (‘Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna’ [‘Birds offered from Abyssinia, depicted in my Abyssinia-Fauna’]), the RMNH specimens were part of a collection Rüppell sold to the museum between September and October 1837.

Rüppell’s name is preoccupied (and not a *nomen oblitum* as stated by Van den Hoek Ostende *et al.* 1997: 31) by *Falco albicans* Gmelin, 1788, now considered a white morph of gyrfalcon. Next available name is *Falco Belisarius* Levaillant, 1850. For more information on different usage of names and nomenclatural problems see Sclater and Mackworth-Praed (1920: 854) and Steinheimer (2005b: 173-174).

***Falco rapax*** Temminck, 1828: livr. 76 (= error for livr. 77), pl. 455 = *Aquila rapax rapax* (Temminck, 1828).

Syntype, RMNH.AVES.87165, adult female, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.190771, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.190772, juvenile male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

For correction to livraison 77, see Dickinson (2001: 45).

Temminck mentioned “meridionale de l’Afrique” as type locality and several specimens of both sexes, including a specimen in moult in the MNHN.

***Falco obsoletus*** Gloger, 1833: 141 = *Aquila rapax rapax* (Temminck, 1828).

Syntype, RMNH.AVES.90757, adult female, mounted skin. Loc.: Kafferland [= Cafrérie], South Africa. Leg.: Krebs. Ex: MfN, 1842.

Four syntypes are in the MfN (ZMB 525 - ZMB 527, ZMB 529), of which three were collected by Krebs in "Kafferland". RMNH.AVES.90757 must have been part of Krebs' series.

***Spizaetus spilogaster*** Bonaparte, 1850c: 487. = *Aquila spilogaster* (Bonaparte, 1850).

Syntype, RMNH.AVES.87229, adult male, mounted skin. Loc.: Sennaar, Ethiopia. Leg.: L.W. Ruysenaars.

According to Bonaparte a female syntype is in the RBINS.

***Baza borneensis*** Brüggemann, 1876: 47 = *Aviceda jerdoni borneensis* (Brüggemann, 1876).

Holotype, RMNH.AVES.87168, adult female, skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard, 1826.

Holotype by monotypy. Brüggemann renamed "a bird from Borneo" mentioned in Schlegel (1873a: 135) as *Baza magninostris* [sic].

***Baza celebensis*** Schlegel, 1873a: 135 = *Aviceda jerdoni celebensis* (Schlegel, 1873).

Syntype, RMNH.AVES.87169, adult female, skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten, 1840.

Syntype, RMNH.AVES.88917, adult male, mounted skin. Loc.: Menado, N Celebes [= Sulawesi], [Indonesia]. Leg.: L.D.H.A. Renesse van Duyvenbode, 1866.

Syntype, RMNH.AVES.88918, adult male, skin. Loc.: Sula-bessi, [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88919, adult male, skin. Loc.: Sula-mangoli, [Indonesia], 3.xii.1864. Leg.: H.A. Bernstein.

***Aviceda subcristata obscura*** Junge, 1956a: 231 = *Aviceda subcristata obscura* Junge, 1956.

Holotype, RMNH.AVES.20985, adult male, skin. Loc.: Biak, Indonesia, 22.viii.1953. Leg.: C. Hoogerheide, 29.ix.1953.

Paratypes, RMNH.AVES.20986, 21433-21434, 22118 and 87170.

***Falco (Lophotes) Reinwardtii*** Schlegel and Müller, 1841: 37, pl. 5, fig. 1 and 2 = *Aviceda subcristata reinwardtii* (Schlegel and Müller, 1841).

Lectotype, RMNH.AVES.87171, adult male, relaxed mount. Loc.: Amboine [= Ambon], [Indonesia], 1821. Leg.: C.G.C. Reinwardt.

Paralectotypes, RMNH.AVES.88925, RMNH.AVES.87168-87169 (= *Aviceda jerdoni celebensis* (Schlegel, 1873), RMNH.AVES.87172 (= *Aviceda subcristata rufa* (Schlegel, 1866).

Different taxa are represented in the type series. RMNH.AVES.87168 is also the holotype of *Baza borneensis* Brüggemann, 1876. RMNH.AVES.87169 and 87172 are syntypes of *Baza celebensis* Schlegel, 1873 and *Baza rufa* Schlegel, 1866 respectively. Quaisser and Dekker (2008: 409) designated the lectotype.

***Baza rufa*** Schlegel, 1866g: 41, pl. 27, fig. 4; pl. 28, fig. 1, 2 and 3 = *Aviceda subcristata rufa* (Schlegel, 1866).

Syntype, RMNH.AVES.87172, adult male, relaxed mount. Loc.: Ternate, [Indonesia], 1821. Leg.: C.G.C. Reinwardt.  
 Syntype, RMNH.AVES.87173, adult female, relaxed mount. Loc.: Batjan, [Indonesia], ii.1861. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87174, adult male, relaxed mount. Loc.: Batjan, [Indonesia], 18.ix.1862. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87175, immature female, relaxed mount. Loc.: Batjan, [Indonesia], 11.ix.1862. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87176, adult male, relaxed mount. Loc.: Galela, Halmahera, [Indonesia], 14.viii.1861. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87177, adult female (male according to Schlegel = error), relaxed mount. Loc.: Ternate, [Indonesia], 16.v.1861. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87178, adult female, relaxed mount. Loc.: Ternate, [Indonesia], 04.viii.1863. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87179, immature male, relaxed mount. Loc.: Ternate, [Indonesia], 07.viii.1863. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87180, adult female, mounted skin. Loc.: Tidore, [Indonesia], 22.xi.1863. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87181, adult female, relaxed mount. Loc.: Morotai, [Indonesia], 19.ix.1861. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.87182, adult female, relaxed mount. Loc.: Morotai, [Indonesia], 29.viii.1861. Leg.: H.A. Bernstein.

According to the labels RMNH.AVES.87173 was depicted on pl. 28, fig. 1, RMNH.AVES.87174 on pl. 28, fig. 2, RMNH.AVES.87179 on pl. 28, fig. 3 and RMNH.AVES.87175 on pl. 27 fig. 4.

***Baza stresemanni*** Siebers, 1930: 243 = *Aviceda subcristata stresemanni* (Siebers, 1930).

Holotype, RMNH.AVES.14019, adult male, skin. Loc.: Nal'Besi, Buru [Indonesia], 17.vi.1921. Leg.: L.J. Toxopeus (346). Ex: MZB (MZB 5534).

Siebers (1930) described this taxon as “*Baza stresemanni* subsp. nov.”. He considered this form a subspecies of *Baza* (= *Aviceda*) *subcristata*.

Siebers referred to 15 specimens collected by Toxopeus (Buru Expedition, 11 specimens) and Denin (local collector, 4 specimens). He referred to RMNH.AVES.14019 as “*Typus*”, thereby nominating it the holotype.

***Falco poliogenys*** Temminck, 1825: livr. 55, pl. 325 = *Butastur indicus* (Gmelin, 1788).

Syntype, RMNH.AVES.87183, adult male, mounted skin. Loc.: Philippines. Leg.: J.-J. Dussumier.

The syntype which is illustrated on pl. 325 is in the MNHN.

***Falco liventer*** Temminck, 1827: livr. 74, pl. 438 = *Butastur liventer* (Temminck, 1827).

Syntype, RMNH.AVES.87184, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Temminck illustrated a male and mentioned other specimens of both sexes from Celebes [= Sulawesi], Sumatra, Java and the Malayan Peninsula. According to the original description, other syntype(s) are in the MNHN. Schifter *et al.* (2007: 71) listed



two possible syntypes from Celebes bought from the RMNH in December 1830 and September 1833 (NMW 44303 and 49653).

Reinwardt visited Java several times between April 1816 and March 1822.

***Falco (Buteo) Augur*** Rüppell, 1836: 38, pl. 16 = *Buteo augur* (Rüppell, 1836).

Paralectotype, RMNH.AVES.90935.

The lectotype was designated by Steinbacher (1949: 104) and is in the SMF (SMF 12610). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 237). According to correspondence in the RMNH archives ('Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna' ['Birds offered from Abyssinia, depicted in my Abyssinia-Fauna']), the RMNH specimen was part of a collection Rüppell sold to the museum between September and October 1837.

***Falco (Buteo) hydrophilus*** Rüppell, 1836: 39, pl. 17 = *Buteo augur* (Rüppell, 1836).

Syntype, RMNH.AVES.90936, adult male, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell.

Besides the RMNH specimen, Steinheimer (2005a: 237) listed syntypes in the SMF and NHM (NHMUK 1837.6.10.684). According to correspondence in the RMNH archives ("Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna") the RMNH specimen was part of a collection Rüppell sold to the museum between September and October 1837.

***Falco [sic] buteo capensis*** Temminck and Schlegel, 1844: 16 = *Buteo buteo vulpinus* (Gloger, 1833).

Lectotype, RMNH.AVES.87194, adult male, mounted skin. Loc.: "Afrique australe" [= South Africa]. Leg.: J. Verreaux.

Paralectotype, RMNH.AVES.87195 (= *Buteo trizonatus* Rudebeck, 1957).

Quaisser and Dekker (2008: 411) designated the lectotype.

***Buteo hemilasius*** Temminck and Schlegel, 1844: p. 18 = *Buteo hemilasius* Temminck and Schlegel, 1844.

Holotype, RMNH.AVES.87196, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Holotype by monotypy. Temminck and Schlegel (1844: 19) wrote that they had a single specimen. Plate 7 illustrating the holotype was published after the text (Mlíkovský, 2012b: 110).

***Falco [sic] buteo japonicus*** Temminck and Schlegel, 1844: p. 16, pl. 6 and 6B = *Buteo japonicus japonicus* Temminck and Schlegel, 1844.

Syntype, RMNH.AVES.87185, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87186, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87187, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87188, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87189, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87190, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.  
 Syntype, RMNH.AVES.87191, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.87192, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.87193, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.  
 Syntype, RMNH.AVES.90746, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

RMNH.AVES.87189 and RMNH.AVES.87193 are the specimens illustrated in the Fauna Japonica. The description on p. 16 and pl. 6 were both part of fascicle 1 which was published in 1844. The date of publication of pl. 6B is unknown (Holthuis and Sakai, 1970). See also Dekker *et al.* (2001).

***Falco striolatus*** Temminck, 1821: livr. 15, pl. 87. = *Buteo nitidus* (Latham, 1790).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 87 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN.

***Falco cirtensis*** Levaillant, 1850: pl. 3 = *Buteo rufinus cirtensis* (Levaillant, 1850).

Paralectotype, RMNH.AVES.87199 (= *Buteo buteo vulpinus* (Gloger, 1833)).

According to Schlegel (1862b: 5-6) RMNH.AVES.87199 is one of the types. However, according to descriptions and measurements given by Ferguson-Lees and Christies (2001: 700) and specimens in the RMNH and as indicated by G.F. Mees on the label, RMNH.AVES.87199 does not belong to *cirtensis*, but is *Buteo buteo vulpinus* (Gloger, 1833), a taxon which is easily confused with *Buteo rufinus cirtensis* (Ferguson-Lees and Christies, 2001: 700).

Voisin and Voisin (2001b: 625) listed another type specimen in the MNHN (MNHN C.G. 2000-1627). Since this specimen was identified as *cirtensis*, the type series is composed of two taxa. Consequently, Voisin and Voisin (2001b: 625) designated MNHN C.G. 2000-1627 as lectotype of *Falco cirtensis* Levaillant, 1850.

***Falco lacernulatus*** Temminck, 1827: livr. 74, pl. 437. = *Buteogallus lacernulatus* (Temminck, 1827).

According to Voisin and Voisin (2001b: 621), the holotype (by monotypy) is in the MNHN (MNHN 2000-1621).

***Falco rutilans*** Temminck, 1820: livr. 5, pl. 25. = *Buteogallus meridionalis* (Latham, 1790).

Syntype, RMNH.AVES.90759, adult male, mounted skin. Loc.: Suriname. Leg.: -.  
 Syntype, RMNH.AVES.90760, adult female, mounted skin. Loc.: Suriname. Leg.: -.

According to Dickinson (2001: 46) plate 25 appeared in December 1820, whereas the text was published on 25 June 1823. Temminck listed type specimens in the museums in the RMNH, MfN, NMW and MNHN. Three syntypes are in the MfN (ZMB 460-462), but neither Schifter *et al.* (2007) nor Voisin and Voisin (2001b) mention the name *rutilans*.

According to Natterer's handwritten register cards in the NMW a female specimen collected by Natterer on 11.iii.1818 must have been available to Temminck at the time of description. However, this specimen can no longer be traced. Three specimens collected between ii.1819 and ix.1820 (NMW 40076-40078) were probably part of the third delivery which came to the NMW only in 1821, one year after the publication of the name *rutilans* (E. Bauernfeind, pers. comm., 06.ix.2007). These are of course not part of the type series.

***Falco riocourii*** Temminck, 1821: livr. 15, pl. 85 = *Chelictinia riocourii* (Temminck, 1821).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen on plate 85 is the holotype as the text which appeared February 1824 is irrelevant regarding type status. Temminck indicated that the specimens he had seen were in private collections in France and the holotype might therefore now be in the MNHN.

***Falco uncinatus*** "Illiger" Temminck, 1822: livr. 18, pls. 103 (male), 104 (female) = *Chondrohierax uncinatus uncinatus* (Temminck, 1822).

Syntype, RMNH.AVES.87200, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.87201, adult male, mounted skin. Loc.: Brazil. Leg.: A.P.M. zu Wied-Neuwied.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected two syntypes based on plate 103 and 104 as the text which appeared on 22 May 1824 and plate 115 were published later and are irrelevant regarding type status. According to Temminck the depicted specimens were in the RMNH. RMNH.AVES.87201 matches the bird on pl. 103 and RMNH.AVES.87200 the bird on pl. 104. These findings agree with Schlegel (1862j: 8). Any listing of syntypes for this name in other type catalogue is erroneous. The following specimens have therefore no type status: MfN: ZMB 720 - 721, ZMB 723.

Berlepsch (1908: 293) designated a lectotype in the RMNH but failed to specify which specimen. His lectotypification therefore doesn't conform to the regulations by the ICZN.

This name is thought not to have been published by Illiger (Stresemann and Amadon, 1979: 285).

***Falco vitticaudus*** Wied, 1830: 178 = *Chondrohierax uncinatus uncinatus* (Temminck, 1822).

Paralectotype, RMNH.AVES.87201.

Van den Hoek Ostende *et al.* (1997: 34) erroneously listed this specimen as the holotype. However, Wied based his description on three specimens: a “pair” of immature birds in his own collection and the bird depicted on pl. 103 of the Planches Coloriées, an adult of the dark morph with a single white band on the tail. One of Wied's own specimens, an immature female, is in the AMNH (AMNH 6362) and was selected as lectotype by Allen (1889: 269). Since RMNH.AVES.87201, a syntype of *Falco uncinatus* Temminck, 1822, was probably the bird depicted on pl. 103, it also belongs to the type series of *F. vitticaudus* and is now considered a paralectotype.

***Circus gouldi*** Bonaparte, 1850a: 34 = *Circus approximans* Peale, 1849.

Syntype, RMNH.AVES.87203, adult male, mounted skin. Loc.: “Patagonia”. Leg.: -.  
 Syntype, RMNH.AVES.87204, adult female, mounted skin. Loc.: “Patagonia”. Leg.: -.

The two types of *Circus gouldi* are labelled and listed in Schlegel (1862c: 9) as originating from Patagonia. Obviously, this is a mistake since the species is only known from Australia.

***Falco gularis*** Temminck, 1820: livr. 4, pl. 22 = *Circus buffoni* (Gmelin, 1788).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 22 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN.

***Falco torquatus*** “Cuvier” Temminck, livr. 8, pl. 43. = *Accipiter cirrocephalus* (Vieillot, 1817).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 43 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN, where MNHN-ZO-MO-1999-2128, listed as syntype for *Falco torquatus* Cuvier (error for *Falco torquatus* Temminck) fits plate 43.

***Falco histrionicus*** Quoy and Gaimard, 1824: 93, pl. 15 and 16. = *Circus cinereus* Vieillot, 1816.

Possible syntype, RMNH.AVES.191469, adult male, mounted skin. Loc.: Malouines [= Falkland Islands]. Leg.: J.R.C. Quoy and J.P. Gaimard. Ex: MNHN.

According to Voisin and Voisin (2001a: 179), *Falco histrionicus* was described on the basis of two males: an adult (pl. 15) and immature (pl. 16), both of them still available in the MNHN (MNHN C.G. 199-2130 and 1999-2131). Although giving correct collecting data, there is no unequivocal evidence whether RMNH.AVES.191469, a third specimen therefore, was also part of the type series. It might have come from the MNHN to the RMNH before it was described by Quoy and Gaimard in 1824.

Voisin and Voisin (2001a: 179) selected the adult male (MNHN C.G. 1999-2130) as lectotype. However, neither using the wording as required by the Code (ICZN, 1999) nor giving any taxonomic purposes, their statement did not fulfil the requirements of the Code for lectotype designations after 1999 (Art. 74.7.3 ICZN, 1999 and Recommendation 74 G of ICZN Declaration 44, 2005) and must be considered invalid. Consequently, all type specimens remain to be syntypes.

After having been shipwrecked in East Falkland, the crew of the L’Uranie remained in the area around Berkeley Sound from 15.ii - 27.iv.1820.

***Falco maurus*** Temminck, 1828: livr. 78, pl. 461 = *Circus maurus* (Temminck, 1828).

Syntype, RMNH.AVES.87205, adult female, mounted skin. Loc.: Cape, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87206, adult female, mounted skin. Loc.: Cape, [South Africa]. Leg.: H.B. van Horstok.  
 Syntype, RMNH.AVES.87207, adult male, mounted skin. Loc.: Cape, [South Africa]. Leg.: H.B. van Horstok.  
 Syntype, RMNH.AVES.87208, adult male, mounted skin. Loc.: Cape, [South Africa]. Leg.: H.B. van Horstok.  
 Syntype, RMNH.AVES.87209, immature male, mounted skin. Loc.: Cape, [South Africa]. Leg.: H.B. van Horstok.

RMNH.AVES.87205 is the depicted specimen of plate 461. Schifter *et al.* (2007: 64) discussed a possible syntype in the NMW received in exchange with the RMNH in 1830 (NMW 3516).

Van Horstok arrived 30 March 1826 in Cape Town, South Africa.

***Astur spectabilis*** Schlegel, 1863e: 131, pl. 6 = *Circaetus spectabilis spectabilis* (Schlegel, 1863).

Holotype, RMNH.AVES.87210, adult female, skin. Loc.: Elmina, Côte d'Or [= Ghana], spring 1861. Leg.: C.J.M. Nagtglas.

Holotype by monotypy.

***Elanus intermedius*** Schlegel, 1862f: 7 = *Elanus caeruleus hypoleucus* Gould, 1859.

Syntype, RMNH.AVES.87211, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: S. Müller.  
 Syntype, RMNH.AVES.87212, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -, 1858.  
 Syntype, RMNH.AVES.87213, adult male, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.  
 Syntype, RMNH.AVES.87214, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.  
 Syntype, RMNH.AVES.89419, adult, sex unknown, cranium. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Elanus minor*** Bonaparte, 1850a: 22 = *Elanus caeruleus vociferus* (Latham, 1790).

Syntype, RMNH.AVES.87215, adult male, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
 Syntype, RMNH.AVES.87216, adult male, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
 Syntype, RMNH.AVES.87217, adult female, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

***Falco dispar*** Temminck, 1825: livr. 54, pl. 319 = *Elanus leucurus leucurus* (Vieillot, 1818).

According to the original description, the type specimens are in the MNHN although they are not listed in Voisin and Voisin (2001a).

***Falco pterocles*** Temminck, 1821: livr. 10, pl. 56 = *Geranoaetus albicaudatus albicaudatus* (Vieillot, 1816).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 56 is the holotype as the text which appeared January 1823 is irrelevant regarding type status. According to

Temminck the illustrated specimen was in the MNHN. Hellmayr and Conover (1949: 149) reported about “Temminck's type” in the MNHN. This specimen, collected by A. Saint-Hilaire in August 1822 (MNHN C.G. 2000-1637), is of a too recent date to be the illustrated specimen. There seems to be no other specimen in the MNHN which could fit as a type (Voisin and Voisin, 2001b: 631). Any listing of syntypes for this name in any type catalogue is erroneous, although the holotype might be one of them. The following specimens therefore need to be checked against plate 56: NMW 35243 and 40092 (Schifter *et al.*, 2007: 75-76) and ZMB 667-670 and ZMB 672 in the MfN.

***Falco aguia*** Temminck, 1824: livr. 51, pl. 302 = *Geranoaetus melanoleucus melanoleucus* (Vieillot, 1819).

Syntype, RMNH.AVES.90741, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

Temminck refers in the original description to specimens from Brazil in the collections in the RMNH and MNHN. A single specimen in the RMNH from Brazil without further data as to collector and year and with incorrect reference to plate 301 in Temminck's handwriting under the stand, could fit as syntype. The text of livr. 51 also refers incorrectly to pl. 301, as the plate is numbered 302: this fits with the original manuscript by Temminck of the contents of the plates in the archives of the RMNH.

Voisin and Voisin (2001b) did not list a specimen in the MNHN which could fit as a type of *Falco aguia*.

Incorrectly referred to as *aguja* in Peters's Checklist vol. I, second edition (1979: 359).

***Falco hemidactylus*** Temminck, 1820: livr. 1, pl. 3 = *Geranospiza caerulescens caerulescens* (Vieillot, 1817).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 3 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck, specimens were in the collections of Laugier de Chartrouse, Prince de Neuwied (= A.P.M. zu Wied-Neuwied) and the MNHN. Voisin and Voisin (2001b: 621) listed (MNHN 2000-1622) as holotype which needs to be checked against plate 3. Any listing of syntypes for this name in other type catalogues is erroneous.

***Falco gracilis*** Temminck, 1821: livr. 16, pl. 91 = *Geranospiza caerulescens gracilis* (Temminck, 1821).

Holotype, RMNH.AVES.87218, adult female, mounted skin. Loc.: Brazil. Leg.: -.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the illustrated specimen on plate 91 is the holotype as the text which appeared on 27 March 1824 is irrelevant regarding type status. Temminck mentioned having seen two specimens, both adult males sexed by Wied and Freyreis (“Treyreis” in Temminck). However, according to the label, RMNH.AVES.87218 is a female. Hellmayer and Conover (1949: 231) referred to the above specimen (“spec. 3” in Schlegel, 1862e: 54) as “type”, thus unintentionally and unnecessarily selecting a lectotype. Freyreis worked near Colonia (Bahia, Brazil). Hellmayer and Conover (1949: 231) restricted the type-locality to that area.



*Vultur indus* Forster, 1798: 40.

*Vultur chaugoun* Daudin, 1800: 14.

*Vultur indou* Rüppell, 1830: 382-383 = *Gyps bengalensis* (Gmelin, 1788).

Holotype, RMNH.AVES.87220, adult, sex unknown, mounted skin. Loc.: "Hindoustan", [India]. Leg.: -.

Holotype by monotypy. Both authors based their name on Levaillant's description of "Le Chaugoun" (1799: 50) in which Levaillant wrote about this specimen in singular "d'ou je l'ai reçu". On the label is added: 'ind. fig. par Le Vaill. Ois. Afr. Pl. 11'.

*Vultur Coprotheres* Forster, 1798: 35.

*Vultur Kolbii* Daudin, 1800: 15.

*Vultur vulgaris* Vieillot, 1819b: 262.

*Vultur chasséfiente* Ruppel [sic], 1830: 382 = *Gyps coprotheres* (Forster, 1798).

Syntype, RMNH.AVES.87221, adult, sex unknown, mounted skin. Loc.: South Africa. Leg.: F. Levaillant.

According to Rookmaaker (1989), Levaillant saw 'Le Chasse-Fiente' 'in the mountains between Cape Town and False Bay, as well as in other places near the ocean'. Levaillant's description (1799: p. 45, pl. 10) formed the basis for *Vultur Coprotheres* Forster, 1798, *Vultur Kolbii* Daudin, 1800, *Vultur vulgaris* Vieillot, 1819 and *Vultur chasséfiente* Ruppel [sic], 1830. It is a second calendar year bird (pers. comm., P. Mundy 16.vi.1995).

*Vultur fulvus occidentalis* Schlegel, 1844: 12 = *Gyps fulvus fulvus* (Hablizl, 1783).

Syntype, RMNH.AVES.87222, adult female, mounted skin. Loc.: Sardegna, Italy. Leg.: F. Cantraine.

Syntype, RMNH.AVES.87223, adult male, mounted skin. Loc.: Sardegna, Italy. Leg.: F. Cantraine.

In "Die Europäischen Tag-Raubvögel" Schlegel (1844) split the griffon vultures from Europe into two races, an eastern and a western form, but failed to provide them with scientific names. The western form is properly named in Schlegel (1844), the eastern race in Schlegel (1862i).

Cantraine collected in Sardinia between 29 October 1829 and 5 June 1830 (De Koninck, 1869).

*Vultur fulvus orientalis* Schlegel, 1862i: 6 = *Gyps fulvus fulvus* (Hablizl, 1783).

Syntype, RMNH.AVES.192568, adult sex unknown, mounted skin. Loc.: Eastern Europe. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.192569, adult, sex unknown, mounted skin. Loc.: Spalatro [= Split], Dalmatia, [Croatia], [1831-1833]. Leg.: F. Cantraine.

Syntype, RMNH.AVES.192570, adult, sex unknown, mounted skin. Loc.: Dalmatia, [Croatia], [1831-1833]. Leg.: F. Cantraine.

Syntype, RMNH.AVES.192571, juvenile, sex unknown, mounted skin. Loc.: Dalmatia, [Croatia], [1831-1833]. Leg.: F. Cantraine.

Syntype, RMNH.AVES.192572, juvenile, sex unknown, mounted skin. Loc.: Eastern Europe. Leg.: -.

Syntype, RMNH.AVES.192577, adult male. Loc.: Eastern Europe (lived in captivity for 20 years). Leg.: -.

See *Vultur fulvus occidentalis* Schlegel, 1844. Cantraine collected in Dalmatia between 1831 and 1833.

***Falco humilis*** Müller and Schlegel, 1841: 44 = *Haliaeetus humilis* (Müller and Schlegel, 1841).

Syntype, RMNH.AVES.87230, immature, mounted skin. Loc.: Liemonanis [= Limau Manis], Padang-Bessie, Sumatra, [Indonesia]. Leg.: S. Müller, iii.1835.

Syntype, RMNH.AVES.192869, adult female, mounted skin. Loc.: Bengale (= Malaysia). Ex: Frank, 1840.

Müller and Schlegel mentioned that one young male was collected, but later wrote that they received two additional specimens, presumably from India (Müller and Schlegel, 1841: 47). Of these two, only one is still present in the RMNH. The label originally referred to "Bengale", which was later changed into Malaysia.

***Falco macei*** Temminck, 1820 (ex Cuvier MS): livr. 2, pl. 8 (ad.) = *Haliaeetus leucoryphus* (Pallas, 1771).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the illustrated specimen on plate 8 is the holotype as the text which appeared in June 1823 and plate 223 (immature) which also appeared later are irrelevant regarding type status. Temminck referred to specimens from Bengale in the MNHN. However, Voisin and Voisin (2001a: 186-187) stated that three specimens in the MNHN can not have type status since they were collected after plate 8 was published in 1820.

***Falco leucopterus*** Temminck, 1830: livr. 83, pl. 489. = *Haliaeetus pelagicus* (Pallas, 1811).

There is no specimen in the RMNH which could fit as a type (Dekker et al., 2001: 204-205), nor did Voisin and Voisin (2001a) list any type specimens in the MNHN.

***Falco diodon*** Temminck, 1823: livr. 34, pl. 198 = *Harpagus diodon* (Temminck, 1823).

Lectotype, RMNH.AVES.87225, adult male, mounted skin. Loc.: Brazil, [1817-iv.1819]. Leg.: J. Natterer [and J. Kammerlacher].

RMNH.AVES.87225 was erroneously listed as holotype by Van den Hoek Ostende et al. (1997: 37). However, in his description Temminck mentioned specimens (plural) in the collections of Wied, in the NMW, RMNH and MNHN. By doing so Van den Hoek Ostende et al. (1997: 37) selected a lectotype.

Schifter et al. (2007: 61) mentioned two paralectotypes collected by Natterer in the NMW (NMW 44241 and NMW 40307). A third specimen went to the ZSM. Although not listed by Deignan (1961), one of Wied's specimens collected in Brazil between 1815 and 1817, is registered in the NMNH (USNM 76818) and might be another paralectotype. Voisin and Voisin (2001a) did not list a type specimen in the MNHN which Temminck referred to in his description.

The type locality was restricted to Ypanema by Berlepsch (1908: 293).

***Falco hamatus*** Temminck, 1821: livr. 11, pl. 61 = *Helicolestes hamatus* (Temminck, 1821).

Holotype, RMNH.AVES.87241, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on the plate 61 as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in other type catalogues is erroneous. Five specimens in the MfN therefore have no type status.

***Henicopernis longicauda minima*** Junge, 1937a: 150 = *Henicopernis longicauda* (Lesson and Garnot, 1828).

Holotype, RMNH.AVES.87226, adult male, mounted skin. Loc.: Wokam, Aru Islands, [Indonesia], 07.iv.1865. Leg.: C.B.H. von Rosenberg.  
Paratypes, RMNH.AVES.87227-87228.

***Aquila morphnoides*** Gould 1841: 161 = *Hieraaetus morphnoides* (Gould, 1841).

Paralectotype, RMNH.AVES.192843.

Stone (1913: 145) designated the lectotype in the ANSP (ANSP 1733).

***Falco bonelli*** Temminck, 1824: livr. 49, pl. 288 = *Hieraaetus pennatus* (Gmelin, 1788).

Temminck did not specify where he had seen the four type specimens. One is in the MRSN (Aimassi *et al.*, 2021: 83; MZUT Av96). There are no specimens in the RMNH which could fit as types, nor did Voisin and Voisin (2001b) list any in the MNHN.

***Falco malaiensis*** Temminck, 1822: livr. 20, pl. 117 = *Ictinaetus malaiensis* (Temminck, 1822).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the illustrated specimen on plate 117 is the holotype as the text which appeared 26 June 1824 is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the RMNH but is no longer present. Temminck also referred to specimens in the MNHN, but none are listed in Voisin and Voisin (2001a; 2001b).

The spelling of the specific epithet on the wrapper of the plate is *malaiensis*, in the text *malayensis*. The latter spelling has long been followed by different authors. However, the spelling with the plate has priority and should be used.

***Falco monogrammicus*** Temminck, 1824: livr. 53, pl. 314 = *Kaupifalco monogrammicus monogrammicus* (Temminck, 1824).

Syntype, RMNH.AVES.87231, adult male, mounted skin. Loc.: Senegal. Leg.: -.

Another syntype is in the MNHN (MNHN 2000-1620, Voisin and Voisin, 2001b: 621).

***Falco palliatus*** "Wied" Temminck, 1822, livr. 35, pl. 204.

***Cymindes buteonidis*** Lesson, 1830 (*nomen novum*) = *Leptodon cayanensis monachus* (Vieillot, 1817).

Syntype, RMNH.AVES.192934, [adult], male, mounted skin. Loc.: [Rio Peruhype], [Viçosa], [Bahia], Brazil, [1815-1817]. Leg.: A.P.M. zu Wied-Neuwied.

Syntype, RMNH.AVES.192931, [adult], female, mounted skin. Loc.: Brazil. Leg.: J. Natterer.

There is much confusion regarding the specimens Temminck used in his description. He described a female but figured a male. Schlegel (1862j: 9) listed a female (cat. 4) as the figured specimen. Hellmayr and Conover (1949: 22) stated that a specimen (RMNH.AVES.192934) in "Leyden" is the bird figured and described by Temminck and is the "type" which constitutes a lectotypification. However, in the footnote they refer to a specimen now registered as RMNH.AVES.192931, following Schlegel. Due to this ambiguity, we consider the lectotypification invalid and list both specimens as syntype. Greenway (1973: 258) listed a paralectotype in the AMNH (AMNH 9670), which cannot be correct, because according to Wied (1830: 148) only one specimen was collected.

In the RMNH there are two specimens (RMNH.AVES.192928 - 192929) from Cayenne and one collected by Natterer (RMNH.AVES.192930) which we do not consider to be part of the typeseries due to lack of information linking it to the original description.

Lesson introduced *Cymindis buteonidis* as a *nomen novum* for *Falco palliatus* Temminck, 1822.

***Leucopternis superciliaris*** von Pelzeln, 1861: 10 = *Leucopternis kuhli* Bonaparte, 1850.

Syntype, RMNH.AVES.90963, adult female, mounted skin. Loc.: Para, Brazil. Leg.: J. Natterer. Ex: NMW, 1862.

According to Schifter *et al.* (2007: 72) Natterer collected only three specimens, two of which are in the NMW (NMW 40231 and 40232). A third was sent in exchange to the RMNH. Schifter (in litt., 18.i.2000) gave 1835 as the possible year of collecting.

***Macheiramphus alcinus*** Bonaparte, 1850c: 482.

***Machaerhamphus alcinus*** Westerman, 1851: 29 = *Macheiramphus alcinus alcinus* Bonaparte, 1850.

Holotype, RMNH.AVES.87232, adult, sex unknown, mounted skin. Loc.: Malacca [= Malaysia]. Ex: G.A. Frank.

The spelling of the genus name and authorship has caused a long debate. Bonaparte described it in 1850 as *Macheiramphus alcinus*. Westerman (1851: 29) one year later as *Machaerhamphus alcinus*. Westerman's name was used for over a century because it was believed to have been published in 1848. Deignan (1960: 121) pointed out that Bonaparte had priority and all major works after that date have followed Deignan by using Bonaparte's name. Stresemann and Amadon (1979: 289) claimed that *Macheiramphus alcinus* is an abandoned name, but failed to adhere to procedure (a formal application to the ICZN). See also Brooke and Clancy (1981).

***Falco (Nisus) polyzonus*** Rüppell, 1836: 36, pl. 15 = *Melierax metabates metabates* Heuglin, 1861.

Paralectotypes, RMNH.AVES.90937-90938.

The lectotype was designated by Steinbacher (1949: 104) and is in the SMF (SMF 12606). Paralectotypes are in the SMF and NMW and in the NHM (see Steinheimer 2005a: 236; Schifter *et al.*, 2007: 65-66). See Steinheimer (2005b: 171-172) for more information about nomenclature and taxonomy of Rüppell's name.

***Milvus melanotis*** Temminck and Schlegel, 1844: p. 14, pl. 5, pl 5B = *Milvus migrans lineatus* (Gray, 1831).

Syntype, RMNH.AVES.87233, adult male, mounted skin. Loc.: Japan. Leg.: -, 1844.

Syntype, RMNH.AVES.87234, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87235, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87236, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87237, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.87238, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

According to Holthuis and Sakai (1970) the text on page 14 as well as plate 5 appeared in 1844. In the text adult birds of both sexes and a young male are mentioned. See also Dekker *et al.* (2001).

***Cathartes monachus*** Temminck, 1823: livr. 38, pl. 222 = *Necrosyrtes monachus* (Temminck, 1823).

Although the RMNH and MNHN are mentioned in the original description, no specimens from Senegal collected before 1823 are in the RMNH or MNHN. See Voisin and Voisin (2001b: 629) who discussed a specimen considered as type of *Carthartes monachus* but was collected in Sennar and given to the museum as late as 1834.

***Spizaetus nipalensis bartelsi*** Stresemann, 1924a: 431 = *Nisaetus bartelsi* (Stresemann, 1924).

Holotype, RMNH.AVES.88921, adult male, skin. Loc.: Gunung Melattie, Java, [Indonesia], 30.iv.1907. Ex: M. Bartels (no. 4790)

***Falco cristatellus*** Temminck, 1824: livr. 48, pl. 282 = *Nisaetus cirrhatus cirrhatus* (Gmelin, 1788).

According to the original description, the type specimens collected by Leschenault in "l'Inde et à Ceylan" are in the MNHN. See Voisin and Voisin (2001b: 628) who confirmed two type specimens (C.G.: 2000-1614 - C.G.: 2000-1615) and selected C.G. 2000-1614 as lectotype.

***Falco niveus*** Temminck, 1822: livr. 22, pl. 127 = *Nisaetus cirrhatus limnaeetus* (Horsfield, 1821).

Syntype, RMNH.AVES.87254, adult female, mounted skin. Loc.: Java, [Indonesia], [1816-1822]. Leg.: C.G.C. Reinwardt.  
 Syntype, RMNH.AVES.87255, immature, mounted skin. Loc.: Java, [Indonesia], [1816-1822]. Leg.: C.G.C. Reinwardt.

Temminck mentioned several specimens from Java sent to him by Reinwardt. Two specimens in the collection, an adult female and an immature, both listed here, are labelled “Reinwardt. Java”. The adult specimen RMNH.AVES.87254 is not the specimen illustrated by Temminck. We therefore assume that the illustrated specimen is no longer in the RMNH. Another syntype, received in exchange in March 1822, is in the NMW (NMW 85036; Schifter *et al.*, 2007: 77).

***Spizaëtus cirrhatus vanheurni*** Junge, 1936: 24 = *Nisaetus cirrhatus vanheurni* (Junge, 1936).

Holotype, RMNH.AVES.87256 (6651), adult female, skin. Loc.: Lasikin, Simalur, [Indonesia], 06.iv.1913. Leg.: E.R. Jacobson and W.C.van Heurn.  
 Paratypes, RMNH.AVES.87257-87260.

***Spizaëtus lanceolatus*** Temminck and Schlegel, 1844: 7 = *Nisaetus lanceolatus* (Temminck and Schlegel, 1844).

Syntype, RMNH.AVES.87261, adult female, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: C.G.C. Reinwardt.  
 Syntype, RMNH.AVES.87262, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.  
 Syntype, RMNH.AVES.87263, immature male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Nisactus [sic] Nipalensis*** Hodgson, 1836b: p. 229, pl. 7 = *Nisaetus nipalensis nipalensis* Hodgson, 1836.

Syntype, RMNH.AVES.193547, adult female, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
 Syntype, RMNH.AVES.193548, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.  
 Syntype, RMNH.AVES.193551, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

***Spizaëtus orientalis*** Temminck and Schlegel, 1844: p. 7, pl. 3 = *Nisaetus nipalensis orientalis* (Temminck and Schlegel, 1844).

Holotype, RMNH.AVES.87264, immature female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Holotype by monotypy. Temminck and Schlegel (1844: 8) referred to this specimen as “the specimen of this species...”.

***Falco unicinctus*** Temminck, 1824: livr. 53, pl. 313 = *Parabuteo unicinctus unicinctus* (Temminck, 1824).

According to Voisin and Voisin (2001b: 623) the holotype is in the MNHN (MNHN 2000-1618).

***Pernis cristatus var. celebensis*** Wallace, 1868: 17 = *Pernis celebensis* Wallace, 1868.



Holotype, RMNH.AVES.87239, adult female, mounted skin. Loc.: Bone, Celebes [= Sulawesi], [Indonesia], 18.xi.1863. Leg.: C.B.H. von Rosenberg (754).

Holotype by monotypy. Wallace based this name on a single bird illustrated by Schlegel (1866g, pl. 26, fig. 3). According to the index this is a female from Java. From the descriptions of both Schlegel and Wallace, Wallace meant fig. 4. The index states it is a male from Celebes. However, the specimen collected by Von Rosenberg is a female.

The date of collection given by Schlegel (1873a: 132) as "16 Mai 1867" is an error.

***Falco ptilorhynchus*** Temminck, 1821: livr. 8, pl. 44 = *Pernis ptilorhynchus ptilorhynchus* (Temminck, 1821).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 44 is the holotype as the text which appeared on 29 July 1823 is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN, which is confirmed by Voisin and Voisin (2001a: 175) who listed MNHN C.G. 1999-2141, collected by Leschenault de la Tour on Java in 1807, as the holotype.

***Falco gymnogenys*** Temminck, 1824: livr. 52, pl. 307 = *Polyboroides radiatus* (Scopoli, 1786).

Syntype, RMNH.AVES.87240, adult female, mounted skin. Loc.: Madagascar. Leg.: [P.B. Milius, Baudin expedition]. Ex: MNHN.

Voisin and Voisin (2001a) did not list a type specimen in the MNHN.

According to Schlegel (1862c: 54) RMNH.AVES.87240 was obtained from the MNHN and depicted on plate 307. Temminck stated that it was collected by P.B. Milius, who took over command of the *Géographe* after the death of Baudin (1803). Temminck mentioned that the specimens in the RMNH were collected in the interior of South Africa, but no matching specimens could be found.

***Falco poecilonotus*** Temminck, 1820 (ex Cuvier MS): livr. 1, pl. 9 = *Pseudastur albicollis albicollis* (Latham, 1790).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 9 is the holotype as the text which appeared on or before 25 June 1823 is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN. Voisin and Voisin (2001b: 622) selected MNHN C.G. 2000-1629 as lectotype. However, Following Dickinson et al. (2022) there is no longer any reason to designate a lectotype as the illustrated specimen is the holotype.

***Cymindis leucopygus*** Spix, 1824: 7, pl. II = *Rostrhamus sociabilis sociabilis* (Vieillot, 1817).

Syntype, RMNH.AVES.87242, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: J.B. Spix.  
Syntype, RMNH.AVES.87243, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: J.B. Spix.

***Asturina gularis*** Schlegel, 1862d: 4 = *Rupornis magnirostris pucherani* (Verreaux and Verreaux, 1855).

Syntype, RMNH.AVES.87197, adult female, mounted skin. Loc.: Buenos Aires, Argentina. Ex: Maison Verreaux, 1858.

Syntype, RMNH.AVES.87198, immature female, mounted skin. Loc.: Rio de la Plata, Argentina. Leg.: -.

***Circaëtus bacha celebensis*** Schlegel, 1862e: 27 = *Spilornis rufipectus rufipectus* Gould, 1858.

Syntype, RMNH.AVES.87251, adult female, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87252, immature female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88920, adult male, cranium. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Circaëtus sulaënsis*** Schlegel, 1866g: 38, pl. 23 fig 4, 5, 6 = *Spilornis rufipectus sulaensis* (Schlegel, 1866).

Syntype, RMNH.AVES.87244, adult male, mounted skin. Loc.: Sula Bessie, [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87245, adult female, mounted skin. Loc.: Sula Bessie, [Indonesia], i.1864. Leg.: H.A. Bernstein

Syntype, RMNH.AVES.87246, adult female, mounted skin. Loc.: Sula Bessie, [Indonesia], i.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87247, adult female, mounted skin. Loc.: Sula Bessie, [Indonesia], 24.xi.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87248, adult male, mounted skin. Loc.: Sula Mangole, [Indonesia], ii.1864. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87249, adult male, mounted skin. Loc.: Sula Mangole, [Indonesia], 03.xii.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87250, immature female, mounted skin. Loc.: Sula Bessie, [Indonesia], i.1864. Leg.: H.A. Bernstein.

***Falco tyrannus*** Wied, 1820: 357 = *Spizaetus tyrannus tyrannus* (Wied, 1820).

Van den Hoek Ostende *et al.* (1997: 41) erroneously listed RMNH.AVES.87265 (adult female, mounted skin. Loc.: Brazil. Leg.: A.P.M. zu Wied-Neuwied) as holotype (LeCroy *et al.*, 2014: 311). See also Hoffman and Geller-Grimm (2013: 87).

***Falco albescens*** Daudin, 1800: 45.

***Falco longicaudus*** Wilkes, 1810: 180 = *Stephanoaetus coronatus* (Linnaeus, 1766).

Syntype, RMNH.AVES.87266, adult male, mounted skin. Loc.: 'Afrique australe, Pays d'Auteniquoi' [South Africa]. Leg.: F. Levillant.

According to the label this is the 'ind. tué et figu. par Le Vaill. Ois. d'Afr. 1 pl. 3'. Levillant named this bird 'Le Blanchard' and described how he, after three weeks of observing the behaviour of a pair, was able to collect both. His description formed the

basis for both *Falco albescens* Daudin, 1800, and *Falco longicaudus* Wilkes, 1810. Both authors translated the description of Levaillant.

***Vultur imperialis*** Temminck, 1827: livr. 72, pl. 426 = *Torgos tracheliotus* (Forster, 1791).

Holotype, RMNH.AVES.87163, adult, sex unknown, mounted skin. Loc.: Africa. Leg.: -.

Holotype by monotypy. Temminck wrote: “the subject of our illustration...”. He also referred to Levaillant’s *Le Chincou* (1796: pl. 12) but claimed that the depicted bird in Levaillant was from a specimen in captivity, which was not preserved. According to Temminck the specimen in the RMNH originated from Bengal, but also indicated that this is uncertain.

***Vultur aegyptius*** Rüppell, 1830: 377 (not Temminck, 1826: livr. 69, pl. 407) = *Torgos tracheliotus* (Forster, 1791).

Syntype, RMNH.AVES.87164, adult, sex unknown, mounted skin. Loc.: Nubia. Leg.: W.P.E.S. Rüppell.

Van den Hoek Ostende *et al.* (1997: 30) listed *Vultur aegyptius* Temminck (1826) as a scientific name. Temminck did, however, not use *aegyptius* as a specific epithet but as a vernacular name used by Savigny. This is evident from its placement next to the vernacular name used by Levaillant, later in the text confirmed by Temminck, and by the scientific name *Vultur auricularis* (Daud.) in the subheading and the *Tableau Méthodique*. Rüppell (1830, 377; 1835: 45) was under the impression that he was dealing with a scientific name and used *aegyptius* in combination with *Vultur* in that sense. In his reply to Rüppell, Temminck (1832: supplement to text on genus *Vultur*, livr. 89) also used this combination.

***Astur macrourus*** Hartlaub, 1855: 353.

***Accipiter (Urotriorchis) amadoni*** Wolters, 1979: 440 (*nomen novum*) = *Urotriorchis macrourus* (Hartlaub, 1855).

Holotype, RMNH.AVES.87267, “male” (error = immature female), relaxed mount. Loc.: Dabocrom, Côte d’Or [= Ghana]. Leg.: H.S. Pel, 1842.

Holotype by monotypy. Hartlaub published a manuscript name by Temminck. The description is based on a single specimen.

Wolters created his *nomen novum* for *Astur macrourus* Hartlaub, 1855, which was incorrectly believed to be pre-occupied by *Accipiter macrourus* Gmelin, 1771 (= *Circus macrourus* (Gmelin, 1771)).

## STRIGIFORMES

### Tytonidae Mathews, 1912

***Phodilus badius parvus*** Chasen, 1937: 216 = *Phodilus badius parvus* Chasen, 1937.

Holotype, RMNH.AVES.14021, adult female, skin. Loc.: Kampong Ajer Saga, Billiton, [Indonesia], 05.xi.1935. Leg.: F.J. Kuiper. Ex: MZB, 1952 (MZB 16315).

Paratype, ZMA.AVES.47867.

***Strix furcata*** Temminck, 1827: livr. 73, pl. 432 = *Tyto furcata furcata* (Temminck, 1827).

Holotype, RMNH.AVES.88272, adult, sex unknown, mounted skin. Loc.: Cuba, [1822-1824]. Leg.: E. Pöppig.

Holotype by monotypy.

Pöppig visited Cuba between 1822 and 1824 (Stafleu, 1969).

***Strix inexpectata*** Schlegel, 1879a: 50 = *Tyto inexpectata* (Schlegel, 1879).

Lectotype, RMNH.AVES.88273, adult female, mounted skin. Loc.: Minahassa, Celebes [= Sulawesi], [Indonesia], 1878. Leg.: S.C.J.W. van Musschenbroek.

Schlegel didn't specify how many specimens were available to him. Van den Hoek Ostende *et al.* (1997: 148) erroneously listed this specimen as holotype, thereby designating it the lectotype. No other type specimens are present in the RMNH.

***Tyto novaehollandiae calabyi*** Mason, 1983: 126 = *Tyto novaehollandiae calabyi* Mason, 1983.

Holotype, RMNH.AVES.42474, adult male, skin. Loc.: Paal Poetih near Merauke, [Papua], [Indonesia], 22.iv.1960. Leg.: A. Hoogerwerf.  
Paratype, RMNH.AVES.42475.

***Strix Rosenbergii*** Schlegel, 1866b: 181 = *Tyto rosenbergii rosenbergii* (Schlegel, 1866).

Syntype, RMNH.AVES.88274, adult male, mounted skin. Loc.: Modelido, Celebes [= Sulawesi], [Indonesia], 15.v.1863. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88275, adult male, mounted skin. Loc.: Bone, Celebes [= Sulawesi], [Indonesia], 16.xi.1863. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88276, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], 28.iii.1864. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.89433, adult, sex unknown, cranium. Loc.: Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.89434, adult, sex unknown, cranium. Loc.: Celebes [= Sulawesi], [Indonesia], 1840. Leg.: E.A. Forsten.  
Possible syntype, RMNH.AVES.195735, juvenile female, mounted skin. Loc.: Philippines. Ex: Verreaux, 1863 (= *Tyto longimembris amauronota* (Cabanis, 1872)).

Schlegel based this new species on specimens collected by Von Rosenberg, two skulls collected by Forsten and immatures received from Verreaux. RMNH.AVES.195735 from Verreaux from the Philippines represents a different species and was overlooked by Van den Hoek Ostende *et al.* (1997: 149). A lectotype from Von Rosenberg's series needs to be selected.

Forsten stayed in Celebes twice between March 1840 - April 1842.

***Strix tenebricosa Arfaki*** Schlegel, 1879c: 101 = *Tyto tenebricosa arfaki* (Schlegel, 1879).

Holotype, RMNH.AVES.88277, adult male, mounted skin. Loc.: Hattam, [Papua], [Indonesia], 06.xii.1875. Leg.: [W.H. Woelders].

The collector most likely has been missionary Woelders, who returned to the Netherlands in February 1879, on leave from Andai, New Guinea, bringing his collection with him (Adriani, 1895).

## Strigidae

***Ciccaba gisella*** Bonaparte, 1850a: 44 = *Aegolius harrisii harrisii* (Cassin, 1849).

Lectotype, RMNH.AVES.88278, adult, sex unknown, mounted skin. Loc.: Colombia. Ex: G.A. Frank.

Schlegel (1862h: 44) designated the lectotype.

***Otus capensis major*** Schlegel, 1873a: 3.

***Asio helvola hova*** Stresemann, 1922: 64 (*nomen novum*) = *Asio capensis hova* Stresemann, 1922.

Holotype, RMNH.AVES.88279, adult male, mounted skin. Loc.: Bombetok Bay, Madagascar, 1870. Leg.: D.C. van Dam.

Stresemann (1922) introduced *Asio helvola hova* as *nomen novum* for *Otus capensis major* Schlegel, preoccupied by *Otus major* C.L. Brehm (= *Asio o. otus*).

***Strix brama*** Temminck, 1821: livr. 12, pl. 68 = *Athene brama brama* (Temminck, 1821).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 68 is the holotype as the text which appeared on 27 September 1823 is irrelevant regarding type status. According to Temminck the holotype is in the MNHN.

***Noctua Tarayensis*** Hodgson, 1836c: 175 = *Athene brama indica* (Franklin, 1831).

Syntype, RMNH.AVES.197743, adult, sex unknown, mounted skin. Loc.: "Indostan", Nepal. Leg.: B.H. Hodgson.

Possible syntype, RMNH.AVES.197745, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

RMNH.AVES.197743 has “Indostan” written under the stand in Temminck’s handwriting which refers to the lowlands, not the Himalayas, and therefore fits Hodgson’s description of *Tarayensis*. RMNH.AVES.197745, however, only refers to Nepal and might therefore have its origin in either the lowlands or the Himalayas from where Hodgson described *Noctua tubiger* Hodgson, 1836c: 175. As Hodgson did not give any clear differences between *Tarayensis* and *tubiger*, we have listed it here as a possible syntype for *Tarayensis*. Both names are senior synonyms of *Athene brama indica* (Franklin, 1831) though.

Another syntype is in the NHM (Warren, 1966: 291, NHMUK 1843.1.13.154).

***Strix grallaria*** Temminck, 1822: livr. 25, pl. 146 = *Athene cunicularia grallaria* (Temminck, 1822).

Syntype, RMNH.AVES.88349, adult, sex unknown [= male], mounted skin. Loc.: [Ytararé], Brazil, [13.viii.1820]. Leg.: [J. Natterer].

Temminck described only the male of this species and depicted RMNH.AVES.88349. Schifter *et al.* (2007: 197) confirmed that RMNH.AVES.88349 is a male, collected by Natterer in Ytararé on 13.viii.1820 (Von Pelzeln, 1870). They also listed three additional syntypes in the NMW (NMW 40517, 40518 and NMW 44031). According to the original description other syntypes are in the NHM, although the name is not mentioned in Warren (1966).

***Strix sonnerati*** Temminck, 1820: livr. 4, pl. 21 = *Athene superciliaris* (Vieillot, 1817).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 21 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck the illustrated specimen was in the MNHN where it is listed under MNHN-ZO-2010-265.

***Noctua pollenii*** Schlegel, 1865c: 81 = *Athene superciliaris* (Vieillot, 1817).

Holotype, RMNH.AVES.88333, adult female [= male], mounted skin. Loc.: Syrangene, N.W. Madagascar, 18.x.1864. Leg.: F.P.L. Pollen and D.C. van Dam.

Pages 1 to 180 of Vol. 3, *Nederlandsch Tijdschrift voor de Dierkunde* were published in 1865 (Pieters and Dickinson, 2005: 107), not in 1866 as mentioned by Amadon (1962: 117).

***Strix africana*** Temminck, 1821: livr. 9, pl. 50 = *Bubo africanus africanus* (Temminck, 1821).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 50 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck the illustrated specimen was in the MNHN, where MNHN-ZO-2010-258, listed as syntype, might prove to be the illustrated specimen and hence the holotype.

***Strix lactea*** Temminck, 1820: livr. 1, pl. 4 = *Bubo lacteus* (Temminck, 1820).

Livraison 1 was published in August 1820, the text appeared on 25 December 1824. The holotype (by monotypy) is in the MNHN.

***Bubo verreauxi*** Bonaparte, 1850a: 49 = *Bubo lacteus* (Temminck, 1820).

Syntype, RMNH.AVES.88281, adult male, mounted skin. Loc.: Cap, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.88282, adult female, mounted skin. Loc.: Cap, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.88283, immature, mounted skin. Loc.: Cap, [South Africa]. Leg.: H.B. van Horstok.



***Bubo leucostictus*** Hartlaub, 1855: 354 = *Bubo leucostictus* Hartlaub, 1855.

Syntype, RMNH.AVES.88284, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88285, adult female, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

***Bubo fasciolatus*** Hartlaub, 1855: 354 = *Bubo poensis* Fraser, 1854.

Syntype, RMNH.AVES.88286, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88287, adult female, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.88288, adult male, mounted skin. Loc.: Dabocrom, Côte d'Or [= Ghana]. Leg.: H.S. Pel.

***Strix strepitans*** Temminck, 1823: livr. 30, pl. 174 = *Bubo sumatranus strepitans* (Temminck, 1823).

Lectotype, RMNH.AVES.88291, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

RMNH.AVES.88291 is not the holotype as erroneously listed in Van den Hoek Ostende *et al.* (1997: 151) but has therefore now to be considered lectotype. According to the original description, paralectotypes are in the MNHN.

***Bubo orientalis minor*** Schlegel, 1862g: 13 = *Bubo sumatranus sumatranus* (Raffles, 1822).

Syntype, RMNH.AVES.88289, adult female, mounted skin. Loc.: Banka, [Indonesia]. Leg.: J.F.R.S. van den Bossche, 1861.

Syntype, RMNH.AVES.88290, adult male, mounted skin. Loc.: Banka, [Indonesia]. Leg.: J.F.R.S. van den Bossche, 1861.

***Bubo sumatranus tenuifasciatus*** Mees, 1964a: 116 = *Bubo sumatranus tenuifasciatus* Mees, 1964.

Holotype, RMNH.AVES.35476 (4617), adult male, skin. Loc.: Rantau, S.E. Borneo, [Indonesia], 22.ii.1916. Leg.: F.C.E. van der Putten, 7.x.1919.

Paratypes, RMNH.AVES.88292-88298.

***Strix macrorhyncha*** Temminck, 1821: livr. 11, pl. 62 = *Bubo virginianus subsp.* (Gmelin, 1788).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 62 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 151) or any other type catalogue is erroneous. The following specimens in Van den Hoek Ostende *et al.* (1997: 151) have therefore no type status: RMNH.AVES.88299 and 88300. According to Temminck, the illustrated specimen is in the MNHN, where MNHN-ZO-2010-256 had been selected as lectotype, which specimen needs confirmation as being the illustrated specimen and hence the holotype.

***Strix ferruginea*** Wied, 1820: 104. = *Glaucidium brasilianum brasilianum* (Gmelin, 1788).

Syntype, RMNH.AVES.88304, adult, sex unknown, mounted skin. Loc.: [Paulista], [Bahia], Brazil, [ix.1815]. Leg.: A.P.M. zu Wied-Neuwied.

Wied (1820) described this species in a footnote. He wrote that several small owls, called “cabure” by natives, were shot late September 1815 at Paulista, about 15 miles northeast of Macahe, Bahia, Brazil.

Other syntypes are in the AMNH (AMNH 6895 and 6343) (Greenway, 1978: 127).

***Strix infuscata*** Temminck, 1820b: 97.

***Strix passerinoides*** Temminck, 1825: livr. 58, pl. 344 = *Glaucidium brasilianum brasilianum* (Gmelin, 1788).

Possible holotype for *infuscata*, syntype for *passerinoides*, RMNH.AVES.88306, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: J. Natterer.

Schifter *et al.* (2007: 196) had doubts about the type status of RMNH.AVES.88306 for *infuscata* Temminck. According to Natterer’s handwritten record cards, it was part of the third delivery which came to the NMW in 1821, one year after the description of *infuscata*. There is no other specimen in the collection which could fit as a type.

According to the original description other syntypes of *passerinoides* Temminck are in the MNHN and in the collection of Wied.

The Peters’ name for *passerinoides* Temminck was erroneously given as *G. b. phaloenoides* (Daudin, 1800) by Van den Hoek Ostende *et al.* (1997: 152).

***Strix spadicea*** Temminck, 1821: livr. 17, pl. 98. = *Glaucidium castanopterum* (Horsfield, 1821).

Holotype, RMNH.AVES.197111, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on plate 98 as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in the MNHN and/or NHM is erroneous. A specimen was sent to the NMW in 1823 (1823.LXXXVIII.5) and in April 1830 (1830.II.5).

Reinwardt visited Java several times between April 1816 and March 1822.

***Strix pumila*** “Illiger” Temminck, 1821: livr. 7, pl. 39.

***Strix minutissima*** Wied, 1830: 242 = *Glaucidium minutissimum* (Wied, 1830).

Holotype for *pumila*, syntype for *minutissima*, RMNH.AVES.88309, adult female, mounted skin. Loc.: Brazil. Leg.: -.

Temminck published plate 39 with the scientific name on the wrapper in 1821, well before the text was published in 1823 (Dickinson 2001: 45-46), making the depicted specimen, which agrees with RMNH.AVES.88309, the holotype of *Strix pumila* Temminck, 1821.

A recommendation to the ICZN is in preparation to suppress *Strix pumila* Temminck, 1821, in favour *Strix minutissima* Wied, 1830 (= *Glaucidium minutissimum* (Wied, 1830) because of prevailing usage unless the available evidence changes and shows that the name *pumila* has been used as valid since 1899.

***Strix licua*** Lichtenstein, 1842: 12.

***Noctua perlata capensis*** Schlegel, 1862h: 37 = *Glaucidium perlatum licua* (Lichtenstein, 1842).

Syntype, RMNH.AVES.88314, adult, sex unknown, mounted skin. Loc.: “Cafrerie”, [South Africa]. Ex: MfN.

Syntype, RMNH.AVES.88315, adult, sex unknown, mounted skin. Loc.: “Cafrerie”, [South Africa]. Leg.: G.L.E. Krebs. Ex: MfN, 1842.

***Strix perlata*** Vieillot, 1818: 26 = *Glaucidium perlatum perlatum* (Vieillot, 1818).

Lectotype, RMNH.AVES.88312, adult male, mounted skin. Loc.: Senegal. Ex: Raye van Breukelerwaert.

Vieillot based his description on 'La Chouette Chevêchette Perlée' by Levaillant (1806-1807: pl. 284). Levaillant had seen this species in the collection of Raye van Breukelerwaert but doesn't specify the number of specimens. The listing as holotype in Van den Hoek Ostende *et al.* (1997: 154) is therefore erroneous but constituted a lectotype designation. In the catalogue accompanying the sale of this collection the species is not listed (Cleef and Cleef, 1827: 5).

***Strix occipitalis*** Temminck, 1821: livr. 6, pl. 34 = *Glaucidium perlatum perlatum* (Vieillot, 1818).

Holotype, RMNH.AVES.88313, adult female, mounted skin. Loc.: Senegal. Leg.: -.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on the plate as the text which appeared in 1823 is irrelevant regarding type status. Also, according to Schlegel (1862g: 37) RMNH.AVES.88313 is depicted on pl. 34. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 154) or any other type catalogue is erroneous. RMNH.AVES.88312 has therefore no type status for *occipitalis* Temminck. Temminck also referred to specimens in the MNHN which no longer have type status.

***Strix sylvatica*** "Müller" Bonaparte, 1850a: 40.

***Glaucidium brodiei peritum*** Peters, 1940: 133 (*nomen novum*) = *Taeniopteryx sylvaticus sylvaticus* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88307, adult male, relaxed mount. Loc.: Batang Singalang, W. Sumatra, [Indonesia], 1834. Leg.: S. Müller.

Bonaparte gave no indication of the number of specimens available to him. The listing as holotype in Van den Hoek Ostende *et al.* (1997: 153) is therefore erroneous but constituted a lectotype designation.

Peters (1940) introduced *peritum* as an unnecessary *nomen novum* for *Strix sylvatica* Bonaparte, 1850.

***Bubo lettii*** Büttikofer, 1889a: 34 = *Jubula lettii* (Büttikofer, 1889).

Lectotype, RMNH.AVES.88316, adult, sex unknown, skin. Loc.: Du Queah River, Pessy Country, Liberia, 03.xii.1887. Leg.: Lett. Ex: F.X. Stämpfli, 1888.

Büttikofer gave no indication of the number of specimens available to him. The listing as holotype in Van den Hoek Ostende *et al.* (1997: 154) is therefore erroneous but constituted a lectotype designation.

***Cultrunguis Flavipes*** Hodgson, 1836d: 364 pl. 26 = *Ketupa flavipes* (Hodgson, 1836).

Syntype, RMNH.AVES.196655, sex unknown, mounted skin. Loc.: Nepal. Leg. B.H. Hodgson.

***Ketupa minor*** Büttikofer, 1896c: 165.

***Bubo ketupu büttikoferi*** Chasen, 1935: 84 (*nomen novum*) = *Ketupa ketupu minor* Büttikofer, 1896.

Syntype, RMNH.AVES.88317, adult male, skin. Loc.: Gunung Sitolie, Nias, [Indonesia], 17.i.1896. Leg.: J.Z. Kannegieter. Ex: J.R.H. Neervoort van der Poll, vii.1896.

Syntype, RMNH.AVES.88318, adult female, skin. Loc.: Lahagu, Nias, [Indonesia], 14.ii.1896. Leg.: J.Z. Kannegieter. Ex: J.R.H. Neervoort van der Poll, vii.1896.

Chasen (1935) introduced *büttikoferi* as a *nomen novum* for *Ketupa minor* Büttikofer, 1896, because he regarded *Ketupa* synonymous with *Bubo*, in which the specific epitheton *minor* was already in use.

***Strix Leschenaulti*** Temminck, 1820: livr. 4, pl. 20 = *Ketupa zeylonensis leschenaulti* (Temminck, 1820).

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 20 is the holotype as the text which appeared on 25 December 1824 is irrelevant regarding type status. According to Temminck, the illustrated specimen is in the MNHN from where it has not yet been reported.

***Syrnium macabrum*** Bonaparte, 1850a: 53 = *Megascops albogularis macabrus* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88335, adult, sex unknown, mounted skin. Loc.: Colombia. Ex: Maison Verreaux.

Bonaparte gave no indication of the number of specimens available to him. The listing as holotype in Van den Hoek Ostende *et al.* (1997: 157) is therefore erroneous but constituted a lectotype designation.

***Strix atricapilla*** "Natterer" Temminck, 1822: livr. 25, pl. 145 = *Megascops atricapilla* (Temminck, 1822).

Van den Hoek Ostende *et al.* (1997: 157) erroneously listed the holotype in the RMNH. Temminck mentioned a single specimen collected by Natterer in Brazil in the NMW, where it is still available (NMW 40468; Schifter *et al.*, 2007: 192). According to

Natterer's handwritten register cards in the NMW, this is the only specimen which was available at the time of description. Eight other specimens, still in the NMW, were collected later and received by the museum after 1830. The specimen listed in Schlegel (1862g: 22) and in Van den Hoek Ostende *et al.* (1997: 157), RMNH.AVES.88336, and RMNH.AVES.196291 (a male collected by J. Natterer, Ypanema, Brazil, 17.ii.1819) were received under the name *Otus decussatus* and do not belong to this series of nine. They therefore have no type status. See Dantas *et al.* (2021) for taxonomic review of the *Megascops atricapilla* - *M. watsonii* complex.

***Otus choliba cauae*** Hekstra, 1982: 60 = *Megascops choliba cruciger* (von Spix, 1824).

Holotype, RMNH.AVES.8091, adult male, skin. Loc.: El Tambo, Cauca, Colombia, 25.vi.1938. Leg.: [K. von Schneidern], 30.xi.1938.

***Ephialtes argentina*** "Lichtenstein" Schlegel, 1862g: 21 = *Megascops sanctacatarinae* (Salvin, 1897).

In a footnote to his entry of *Scops brasiliensis*, Schlegel (1862g: 21) tentatively referred Lichtenstein's *Ephialtes argentina* (1854: 7) to this species. Lichtenstein published this name as a *nomen nudum*. The description by Schlegel is the first valid use of this name and therefore Schlegel is the author of *Ephialtes argentina*.

The taxonomic status of this taxon is currently under review (Dickinson *et al.* in prep.) and is listed here, following IOC 11.2, tentatively as *Megascops sanctacatarinae* (Salvin, 1897), a name published 35 years after *argentina* Schlegel.

The two syntypes of *Ephialtes argentina* Schlegel are in the MfN (MZB 1204-1205).

***Scops novae-zelandiae*** Bonaparte, 1850a: 47 = *Megascops watsonii watsonii* (Cassin, 1849).

Lectotype, RMNH.AVES.88346, adult, sex unknown, mounted skin. Loc.: ? New Zealand. Leg.: -.

The locality of New Zealand is an error. *Megascops watsonii* is a South American species. Bonaparte gave no indication of the number of specimens available to him. Schlegel (1862g: 28) designated the lectotype. See Dantas *et al.* (2021) for taxonomic review of the *Megascops atricapilla* - *M. watsonii* complex.

***Strix (Athene) guteruhi*** Müller, 1845: 279 = *Ninox fusca* (Vieillot, 1817).

Syntype, RMNH.AVES.88319, adult male, relaxed mount. Loc.: Banny, Timor, [Indonesia], v.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.88320, adult female, relaxed mount. Loc.: Banny, Timor, [Indonesia], x.1829. Leg.: S. Müller.

Syntype, RMNH.AVES.88321, adult female, relaxed mount. Loc.: Lelogama, Timor, [Indonesia], x.1829. Leg.: S. Müller.

***Strix maugei*** Temminck, 1821: livr. 8, pl. 46 = *Ninox fusca* (Vieillot, 1817).

The holotype (by monotypy) is in the MNHN.

***Ninox ios*** Rasmussen, 1999: 458 = *Ninox ios* Rasmussen, 1999.

Holotype, RMNH.AVES.84701, adult male, skin. Loc.: “Hill 1440”, Dumoga-Bone National Park, N. Sulawesi, Indonesia, 07.iv.1985. Leg.: F.G. and C.M. Rozendaal, xi.1985.

***Strix hirsuta japonica*** Temminck and Schlegel, 1845: p. 28, pl. 9B = *Ninox japonica japonica* (Temminck and Schlegel, 1844) (= error for 1845).

Syntype, RMNH.AVES.88329, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88330, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

According to the data under the stand RMNH.AVES.88329 was collected by H. Bürger.

In this catalogue we follow Holthuis and Sakai (1970) over Mlíkovský (2012b) for the year of publication. This can have consequences on the status and selection of type specimens for this name if the plate was published prior to the description in the livraison. Taxa based upon holotypes are not affected but will differ where the name is based upon a series of specimens.

***Noctua ochracea*** Schlegel, 1866b: 183.

***Ninox perversa*** Stresemann, 1938: 149 (*nomen novum*) = *Ninox ochracea* (Schlegel, 1866).

Holotype, RMNH.AVES.88322, adult female, mounted skin. Loc.: Negri-Lama, Celebes [= Sulawesi], [Indonesia], 22.ix.1863. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy. Schlegel based his name on a single specimen. Stresemann introduced *Ninox perversa* as an unnecessary *nomen novum* for *Noctua ochracea* Schlegel, 1866, which he considered preoccupied by *Noctua ochracea* Haworth, 1809, which is in fact a moth (Noctuidae, Lepidoptera).

***Noctua hirsuta philippensis*** Schlegel, 1862h: 26 = *Ninox philippensis philippensis* Bonaparte, 1855.

Syntype, RMNH.AVES.88323, adult, sex unknown, mounted skin. Loc.: Lucon, Philippines. Leg.: H. Gevers, 1862.

Syntype, RMNH.AVES.88324, adult, sex unknown, mounted skin. Loc.: Philippines. Ex: G.A. Frank, 1861.

Syntype, RMNH.AVES.88325, adult, sex unknown, mounted skin. Loc.: Philippines. Leg.: -, 1861.

Schlegel introduced this name, obviously unaware of the earlier identical name by Bonaparte (1855b: 655).

***Noctua aruensis*** Schlegel, 1866f: 329 = *Ninox rufa humeralis* (Bonaparte, 1850).

Holotype, RMNH.AVES.88326, adult female, mounted skin. Loc.: Wokam, Aru Islands, [Indonesia], 12.iv.1865. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy. Schlegel based his name on a single specimen.

***Noctua fransenii*** Schlegel, 1866c: 256 = *Ninox rufa humeralis* (Bonaparte, 1850).



Holotype, RMNH.AVES.88327, adult female, mounted skin. Loc.: Waigeu, [Indonesia], 04.v.1863. Leg.: H.A. Bernstein.

Holotype by monotypy. Schlegel based his name on a single specimen.

***Strix hirsuta minor*** Schlegel, 1873a: 24 = *Ninox scutulata* (Raffles, 1822).

Syntype, RMNH.AVES.197274, adult, sex unknown, mounted skin. Loc.: Banka, [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1862 (= *Ninox scutulata scutulata* (Raffles, 1822)).

Syntype, RMNH.AVES.197275, adult, sex unknown, mounted skin. Loc.: Banka, [Indonesia]. Leg.: J.E. Teysmann [error for J.E. Teijsmann], 1862 (= *Ninox scutulata scutulata* (Raffles, 1822)).

Syntype, RMNH.AVES.197276, adult, sex unknown, mounted skin. Loc.: Malacca. Ex: Deyrolle, 1867 (= *Ninox scutulata scutulata* (Raffles, 1822)).

Syntype, RMNH.AVES.197310, adult female, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner (= *Ninox scutulata borneensis* (Bonaparte, 1850)).

Syntype, RMNH.AVES.197311, adult, sex unknown, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner (= *Ninox scutulata borneensis* (Bonaparte, 1850)).

Syntype, RMNH.AVES.197312, adult, sex unknown, mounted skin. Loc.: Borneo, [Indonesia]. Ex: F.P.L. Pollen, 1862 (= *Ninox scutulata borneensis* (Bonaparte, 1850)).

Syntype, RMNH.AVES.88328, adult female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard (= *Ninox scutulata borneensis* (Bonaparte, 1850)).

***Strix hirsuta borneensis*** Bonaparte, 1850a: 41 = *Ninox scutulata borneensis* (Bonaparte, 1850).

Syntype, RMNH.AVES.88328, adult female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

***Strix hirsuta*** Temminck, 1824: livr. 49, pl. 289 = *Ninox scutulata hirsuta* (Temminck, 1824).

Temminck reported syntypes in the MNHN and RMNH. No specimen(s) which could fit as type are in the RMNH.

***Ninox nipalensis*** Hodgson: 1837c: 23, pl. XIV = *Ninox scutulata lugubris* (Tickell, 1833).

Syntype, RMNH.AVES.197263, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.197265, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.197267, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Other syntypes are in the NHM (Warren, 1966: 206). This is also the type species for the genus *Ninox*.

***Athene squamipila*** Bonaparte, 1850a: 41 = *Ninox squamipila* (Bonaparte, 1850).

Syntype, RMNH.AVES.88331, adult, sex unknown, mounted skin. Loc.: Ceram, [Indonesia], [1842]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88332, adult, sex unknown, mounted skin. Loc.: Ceram, [Indonesia], [1842]. Leg.: E.A. Forsten.

Another syntype is in the NMW (NMW 49751; Schifter *et al.*, 2007: 196). Forsten visited Seram late 1842.

**Noctua Hoedtii** Schlegel, 1871a: 3. = *Ninox theomacha theomacha* (Bonaparte, 1855).

Holotype, RMNH.AVES.88334, adult female, skin. Loc.: Misool, [Indonesia], 16.v.1867. Leg.: D.S. Hoedt.

Holotype by monotypy. Schlegel based his name on a single specimen.

**Pisorhina angelinae** Finsch, 1912: 156 = *Otus angelinae* (Finsch, 1912).

Holotype, RMNH.AVES.45833, adult female, skin. Loc.: Pangerango, Preanger, Java, [Indonesia], 25.viii.1911. Ex: Bartels, 01.vi.1954.

**Otus collari** Lambert and Rasmussen, 1998: 207 = *Otus collari* Lambert and Rasmussen, 1998.

Paratypes, RMNH.AVES.84653, 90749.

The holotype is in the SNMB, Braunschweig (Lambert and Rasmussen, 1998). Another paratype is in the MTD (C2446).

**Strix noctula** "Reinwardt" Temminck, 1821: livr. 17, pl. 99 = *Otus lempiji lempiji* (Horsfield, 1821).

Syntype, RMNH.AVES.88341, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.88342, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 99 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck the illustrated specimen was in the RMNH. However, none of the RMNH specimens makes a perfect fit with plate 99 and we consider plate 99 to be a composite of two specimens, listed here as syntypes. Temminck also referred to specimens in the NHM but any specimens there have no type status. Schifter *et al.* (2007: 193) listed a possible syntype in the NMW (NMW 66.696) which they received through an exchange with the RMNH in 1823. It is worth comparing this specimen with plate 99. One was sent to the MfN in May 1827.

**Scops Lettia** Hodgson, 1836c: 176 = *Otus lettia lettia* (Hodgson, 1836).

Syntype, RMNH.AVES.196093, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.196095, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Syntype, RMNH.AVES.196097, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

**Strix magica** Müller, 1841: 110 = *Otus magicus magicus* (Müller, 1841).

Syntype, RMNH.AVES.88343, adult female, relaxed mount. Loc.: Amboina [= Ambon], [Indonesia], iv.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.88344, adult male, relaxed mount. Loc.: Amboina [= Ambon], [Indonesia], iv.1828. Leg.: S. Müller.

***Otus mantis*** Temminck and Schlegel, 1844: 25 = *Otus rufescens rufescens* (Horsfield, 1821).

Lectotype, RMNH.AVES.88347, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Sharpe (1875: 103) designated the lectotype.

***Scops longipennis*** "Lichtenstein" Kaup, 1853: 110 = *Otus scops cycladum* (Tschusi, 1904).

Syntype, RMNH.AVES.90964, adult, mounted skin. Loc.: Syria, [vii.1824]. Leg.: W.F. Hemprich and C.G. Ehrenberg. Ex: MfN, 1863.

According to Stresemann (1962: 388) Hemprich and Ehrenberg collected three specimens in "Syria, Julio 1824" and sent them under Hemprich's MS name *Strix striolata* to the MfN. Two syntypes are still there (ZMB 1199 and ZMB 1201), whereas the third specimen was exchanged with the RMNH in 1863 (formerly ZMB 1200, now RMNH.AVES.90964). Later Kaup restricted the type locality to Syria (Kaup, 1862: 223).

Apparently, Kaup's name was never used as a valid name. Sharpe (1874) listed it in the synonymy of *Otus s. scops* and so did Hartert (1912). Afterwards *longipennis* was no longer in use. For Peters (1940) it was questionable where the birds from this region belonged to. Later, Vaurie (1965), Roselaar (1985), Dickinson (2003) and others considered the breeding birds from this area to be *O. s. cycladum* (Tschusi zu Schmidhoffen, 1904) and so did Roselaar after studying the type specimens of *Scops longipennis* Kaup, 1853 (C. Roselaar, in litt., ix.2005).

*O. s. cycladum* is in prevailing usage, but to be qualified by the term *nomen protectum* the conditions of "the Code" (ICZN, 1999), Art. 23.9.1. have to be met.

***Otus semitorques*** Temminck and Schlegel, 1844: p. 24, pl. 8 = *Otus semitorques semitorques* Temminck and Schlegel, 1844.

Syntype, RMNH.AVES.88337, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88338, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88339, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88340, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88305, adult, sex unknown, skeleton. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Temminck and Schlegel examined six specimens of which the above five are still present in the RMNH. Schifter *et al.* (2007: 192) listed a specimen in the NMW (NMW 53.849) but due to a presumed collecting date of 1862, the type status of this specimen is unclear. According to the data under the stand of RMNH.AVES.88337, it has been collected by H. Bürger.

***Otus scops africana*** Temminck and Schlegel, 1844, p. 27 = *Otus senegalensis senegalensis* (Swainson, 1837).

Syntype, RMNH.AVES.195821, adult, sex unknown, mounted skin. Loc.: South Africa. Leg.: -.

***Scops siaoënsis*** Schlegel, 1873a: 13 = *Otus siaoensis* (Schlegel, 1873).

Holotype, RMNH.AVES.88345, adult, sex unknown, skin. Loc.: Oudang [= Ondong], Siao [= Pulau Siao], [Indonesia]. Leg.: L.D.H. Renesse van Duivenbode, 1866.

Holotype by monotypy. Schlegel listed a single specimen.

***Otus scops japonicus*** Temminck and Schlegel, 1844, p. 27, pl. 9 = *Otus sunia japonicus* Temminck and Schlegel, 1844.

Syntype, RMNH.AVES.195812, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.195813, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Note that this name was published in 1844 (or 1845 according to Mlíkovský, 2012b: 116), not 1850 as in Peters (Vol. IV: 1940: 91). These specimens are also types for *Scops zorca asiaticus* Schlegel, 1862.

***Scops zorca asiaticus*** Schlegel, 1862g: 20 = *Otus sunia* (Hodgson, 1836).

Syntype, RMNH.AVES.195812, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold (= *Otus sunia japonicus* Temminck and Schlegel, 1844).

Syntype, RMNH.AVES.195813, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold (= *Otus sunia japonicus* Temminck and Schlegel, 1844).

Syntype, RMNH.AVES.195818, adult, sex unknown, mounted skin. Loc.: Nepal. Ex: Frank (= *Otus sunia sunia* (Hodgson, 1836)).

Syntype, RMNH.AVES.195819, adult, sex unknown, mounted skin. Loc.: Nepal. Ex: Frank (= *Otus sunia sunia* (Hodgson, 1836)).

***Strix leucotis*** Temminck, 1820: livr. 3, pl. 16 = *Ptilopsis leucotis* (Temminck, 1820).

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 16 is the holotype as the text which appeared on 25 December 1824 is irrelevant regarding type status. According to Temminck the specimen on plate 16 was in the collection of Meiffren-Laugier de Chartrouse. Other specimens were said to be in the RMNH and MNHN. The holotype might now be in the MNHN from where it has not yet been reported.

***Strix peli*** "Temminck" Bonaparte, 1850a: 44 = *Scotopelia peli* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88348, adult male, mounted skin. Loc.: Rio Boutry, Ashantee, Côte d’Or [= Ghana]. Leg.: H.S. Pel.

Bonaparte gave no indication of the number of specimens available to him. Schegel (1862h: 24) designated the lectotype. Van den Hoek Ostende *et al.* (1997: 159) erroneously listed RMNH.AVES.88348 as holotype.

***Syrnium fulvescens*** Sclater and Salvin, 1868: 58 = *Strix fulvescens* (Sclater and Salvin, 1868).

Syntype, RMNH.AVES.88361, adult, sex unknown, mounted skin. Loc.: Guatemala. Leg.: O. Salvin. Ex: G.A. Frank.

Warren (1966: 105) listed another syntype in the NHM (NHMUK 1874.7.4.5).

***Strix huhula*** Daudin, 1800: 190 = *Strix huhula huhula* Daudin, 1800.

Syntype, RMNH.AVES.88301, adult, sex unknown, mounted skin. Loc.: Cayennes, [French Guiana]. Leg.: -.

Syntype, RMNH.AVES.88302, adult, sex unknown, mounted skin. Loc.: Cayennes, [French Guiana]. Leg.: -.

Daudin based his description on the description of 'Le Huhul' by Levaillant (Rookmaaker, 1989). Levaillant had seen several specimens, both from his own collection as well as from the collections of J. Raye van Breukelerwaert and the painter Desmoulins. RMNH.AVES.88301 agrees well with the plate of Levaillant. This specimen probably originates from the collection of Raye van Breukelerwaert. RMNH.AVES.88302 is listed tentatively as a syntype. The data on the label of both specimens are the same.

Berlepsch (1908: 288) designated a specimen in the MNHN the lectotype, without specifying which specimen he selected which is not according to the regulations of the ICZN and therefore invalid.

***Strix hylophila*** Temminck, 1825: livr. 63, pl. 373 = *Strix hylophila* Temminck, 1825.

Lectotype, RMNH.AVES.88350, adult male, mounted skin. Loc.: [Ypanema], Brazil, [26-ix-1821]. Leg.: J. Natterer.

Berlepsch (1908: 288) designated the lectotype. Schifter *et al.* (2007: 198) listed four paralectotypes collected by Natterer in Ypanema in the NMW (NMW 40487-40490). According to the original description other paralectotypes are in the MNHN.

***Syrnium bartelsi*** Finsch, 1906: 63 = *Strix leptogrammica bartelsi* (Finsch, 1906).

Holotype, RMNH.AVES.46109, adult female, skin. Loc.: Pangerango, Preanger, Java, [Indonesia], 03.xi.1902. Ex: Bartels, 01.vi.1954.

Holotype by monotypy.

***Strix leptogrammica chaseni*** Hoogerwerf and de Boer, 1947: 140 = *Strix leptogrammica chaseni* Hoogerwerf and de Boer, 1947.

Holotype, RMNH.AVES.14020, adult male, skin. Loc.: Penjabin Mine, W. Billiton [= Belitung], [Indonesia], 30.iv.1936. Leg.: F.J. Kuiper. Ex: MZB, 12.i.1950 (MZB 16324). Possible paratype, ZMA.AVES.47766.

Roselaar and Prins (2000: 106) tentatively listed a specimen formerly in the ZMA but now in Naturalis as a possible paratype (ZMA.AVES.47766).

***Strix leptogrammica*** Temminck, 1832: livr. 89, pl. 525 = *Strix leptogrammica leptogrammica* Temminck, 1832.

Holotype, RMNH.AVES.88352, immature, sex unknown, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Van den Hoek Ostende *et al.* (1997: 147) listed two syntypes of *Strix leptogrammica*. However, Temminck described his new taxon based on a single specimen sent by Diard, which is therefore the holotype by monotypy. RMNH.AVES.88352 refers to plate 525 on the label and fits the bird depicted on that plate. Also according to Schlegel (1862g: 21) it is the depicted specimen and type. RMNH.AVES.88351 listed in Van den Hoek Ostende *et al.* (1997: 147) has no type status.

Although the text to the plate suggests that this plate was published in livr. 88, it was actually part of livr. 89 (see Dickinson (2001: 45), dating this name not from 1831 as listed in Van den Hoek Ostende *et al.* (1997: 159), but from 1832.

***Ciccaba myrtha*** Bonaparte, 1850a: 44 = *Strix leptogrammica myrtha* (Bonaparte, 1850).

Syntype, RMNH.AVES.88353, adult male, mounted skin. Loc.: Sumatra, [Indonesia], [vii.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88354, adult female, mounted skin. Loc.: Sumatra, [Indonesia], [vii.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88355, adult female, mounted skin. Loc.: Sumatra, [Indonesia], [1835-1838]. Leg.: L. Hörner.

Syntype, RMNH.AVES.88356, immature, mounted skin. Loc.: Batang Singalang, Sumatra, [Indonesia], x.1834. Leg.: S. Müller.

According to the data under the stand RMNH.AVES.88354 is a male collected by Hörner. Müller visited West Sumatra from July 1833 until late 1835.

***Strix pagodarum*** Temminck, 1823: livr. 39, pl. 230 = *Strix seloputo seloputo* Horsfield, 1821.

Syntype, RMNH.AVES.87878, immature, sex unknown, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Other syntypes are in the MNHN. Schlegel (1862g: 22) restricted the type locality to Java.

Kuhl and van Hasselt collected together on Java from December 1820 - September 1821.

***Strix fuscescens*** Temminck and Schlegel, 1850: pl. 10.

***Strix rufescens*** Temminck and Schlegel, 1845: p. 30 = *Strix uralensis fuscescens* Temminck and Schlegel, 1850 (not 1845).

Syntype, RMNH.AVES.88357, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88358, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88359, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.88360, adult female, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.88153, adult, sex unknown, skeleton. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

This taxon was named in two different ways by Temminck and Schlegel. In the text of the Fauna Japonica (p. 30; 1845) it was described as *Strix rufescens*, on plate 10 as *S. fuscescens*. The exact publication date of plate 10 is unknown (Holthuis and Sakai, 1970). It was not in fascicle 2 (1845) where the text appeared. The earliest possible date is 1847, but it could have been as late as 1850 (Dekker *et al.*, 2001: 206). According to the Code, 1850 must therefore be used as the year of publication until there is evidence to the contrary (ICZN, 1999, Art. 21.7.). The name *rufescens* was therefore published



first, but is preoccupied by *Strix rufescens* Horsfield, 1821. Next available name is *fuscescens* which has been in use at least since Hartert (1913: 1021), who selected Kiuschin [= Kyushu] as type locality. For more information on dating and Siebold's collection see Dekker *et al.* (2001) and Holthuis and Sakai (1970). See also Mlíkovský (2012b).

RMNH.AVES.88358 is labelled as male, but according to the stand it is a female. According to Schlegel (1862g: 11) RMNH.AVES.88359 is the depicted specimen on plate X.

***Syrnium squamulatum*** "Lichtenstein" Bonaparte, 1850a: 53 = *Strix virgata squamulata* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88303, immature, sex unknown, mounted skin. Loc.: Mexico, [1824-1829]. Leg.: F. Deppe. Ex: MfN.

Bonaparte gave no indication of the number of specimens available to him. Van den Hoek Ostende *et al.* (1997: 152) erroneously listed RMNH.AVES.88303 as holotype, thereby designating it the lectotype.

## COLIIFORMES

### Coliidae Sundevall, 1836

***Colius nigricollis*** Vieillot, 1817a: 378 = *Colius striatus nigricollis* Vieillot, 1817.

Holotype, RMNH.AVES.88469, adult, sex unknown, relaxed mount. Loc.: [Malymbe = Malembo], West Africa. Ex: Cabinet Temminck.

Vieillot based his description on Levaillant's 'Coliou Rayé à Gorge Noire' (1807: pl. 259). According to Rookmaaker (1989: 206) Levaillant had seen six specimens from Angola and Malymbe and bought one of each provenance. He donated one to Temminck. This specimen is listed in Temminck (1807: 97) as no. 780 "Coliou à gorge noir de Malymbe - non décrit". As Vieillot only mentioned Malymbe as locality in his description we consider this a case of holotype by monotypy.

***Colius erythromelon*** Vieillot, 1817a: 378.

***Colius guiriva*** Hartlaub, 1849: 3 = *Urocolius indicus indicus* (Latham, 1790).

Lectotype, RMNH.AVES.88468, adult, sex unknown, skin. Loc.: "Pays des Caffres" [South Africa]. Ex: Cabinet Temminck.

According to Rookmaaker (1989: 206), Vieillot based his description on Levaillant's 'Coliou Quiriwa' (1807: p. 42, pl. 258). Hartlaub (1849: 3) published the name *Colius guiriva* also based on Levaillant and on Temminck's "Le coliou jou-nue d'Afrique pays des caffres - non décrit" (1807: 97).

Neither Levaillant nor Vieillot mentioned the number of specimens available to them. The listing in Van den Hoek Ostende *et al.* (1997: 174) as holotype was in error, but constituted a lectotype designation.

## TROGONIFORMES

### Trogonidae

***Trogon Mackloti*** Müller, 1836: 336, pl. IV, fig. 1 = *Apalharpactes mackloti* (Müller, 1836).

Syntype, RMNH.AVES.88483, adult female, mounted skin. Loc.: Mt. Singgalang, Sumatra, [Indonesia], [v-xi.1834]. Leg.: S. Müller.

Syntype, RMNH.AVES.88484, adult female, mounted skin. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88485, adult male, mounted skin. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Not 1835 as in Peters's Checklist. The 1835 volume was published in 1836 (see Richmond, 1926: 141).

Müller visited West Sumatra from June 1833 until late 1835 and stayed in the area around Mt. Singgalang between May and November 1834.

***Trogon reinwardtii*** Temminck, 1822: livr. 21, pl. 124 = *Apalharpactes reinwardtii* (Temminck, 1822).

Syntype, RMNH.AVES.88481, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.88482, immature, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Schifter *et al.* (2007: 240) listed a syntype in the NMW (NMW 65407). According to the original description other syntypes are in the MNHN (not listed in Voisin and Voisin, 2009).

***Trogon Narina*** Stephens, 1815: 14 = *Apaloderma narina narina* (Stephens, 1815).

Syntype, RMNH.AVES.88470, adult male, relaxed mount. Loc.: "Cap", [South Africa]. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.88471, adult female, relaxed mount. Loc.: "Cap", [South Africa]. Ex: Cabinet Temminck.

Stephens (1815) based his description on Levaillant's (1806: 104) description of 'Le Couroucou Narina'.

***Trogon ardens*** Temminck, 1826, livr. 68, pl. 404 = *Harpactes ardens ardens* (Temminck, 1826).

The holotype (by monotypy) was in the collection of Laugier (not listed in Voisin and Voisin, 2009).

***Trogon diardii*** Temminck, 1832: livr. 91, pl. 541 = *Harpactes diardii diardii* (Temminck, 1832).

Syntype, RMNH.AVES.88472, adult male, mounted skin. Loc.: Sumatra [= error for Borneo], [Indonesia]. Leg.: S. Müller [= error for Diard].

There is confusion about the type specimens for this name. Van den Hoek Ostende *et al.* (1997: 175) listed three syntypes collected by Müller (including

RMNH.AVES.87662 and 88264). However, Müller visited West Sumatra from June 1833 until late 1835 and Borneo not until 1836, so these specimens can not be part of the type series. RMNH.AVES.88472 is labelled 'Sumatra, Müller', whereas RMNH.AVES.87661 is labelled 'Borneo, Diard'. Apparently there has been a mix-up, since RMNH.AVES.88472 belongs to the Bornean and RMNH.AVES.87661 to the Sumatran race (G.F. Mees, 26.ii.1968 on label). We therefore only consider RMNH.AVES.88472 to be part of the type series of *diardii* Temminck, 1832.

Schifter *et al.* (2007: 240) listed a syntype in the NMW (NMW 43937) collected in Pandang, Sumatra (which is specifically mentioned by Temminck) by Henrici and bought from the RMNH in 1833.

***Trogon duvaucelii*** Temminck, 1824: livr. 49, pl. 291 = *Harpactes duvaucelii* (Temminck, 1824).

Syntype, RMNH.AVES.88473, adult male, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: S. Müller [= error].

Müller is given as the collector. This must be an error, since he left the Netherlands for Indonesia on 21.xii.1825. Temminck mentioned that he had only received male specimens. RMNH.AVES.88474, a female listed by Van den Hoek Ostende *et al.* (1997: 175) is therefore not part of the type series. In his original description Temminck referred to Duvaucel and specimens from Sumatra in the RMNH and MNHN (not listed in Voisin and Voisin, 2009).

Schifter *et al.* (2007: 241) listed two possible syntypes in the NMW (NMW 65396 and 65397), but their status is questionable. Both specimens have Borneo as collecting locality which is not mentioned by Temminck and NMW 65396 is a female.

***Trogon flagrans*** Müller, 1836: 338, pl. 4, fig. 2 = *Harpactes erythrocephalus flagrans* (Müller, 1836).

Syntype, RMNH.AVES.88475, adult male, mounted skin. Loc.: Mt. Singgalang, Sumatra [Indonesia, vii.1834]. Leg.: S. Müller.

Syntype, RMNH.AVES.88476, adult male, mounted skin. Loc.: Sumatra [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.88477, adult female, mounted skin. Loc.: Mt. Singgalang, Sumatra [Indonesia, vii.1834]. Leg.: S. Müller.

Syntype, RMNH.AVES.88478, immature, sex unknown, mounted skin. Loc.: Sumatra [Indonesia, 1833-1835]. Leg.: S. Müller.

According to the data on the stand, RMNH.AVES.88475 and 88477 have been collected in July, RMNH.AVES.88478 in June. The year is not indicated. Müller made a trip to West Sumatra in the years 1833-1835, visiting the area of Mt. Singgalang from May - November 1834.

Schifter *et al.* (2007: 241) listed a possible syntype collected by Müller on Sumatra in the NMW (NMW 35218).

Not 1835 as in Peters's Checklist. The 1835 volume was published in 1836 (see Richmond, 1926: 141).

***Trogon Temminckii*** Gould, 1835: 29 = *Harpactes kasumba kasumba* (Raffles, 1822) (if from Sumatra; see below).

Holotype, RMNH.AVES.88479, adult male, mounted skin. Loc.: Borneo? [= error for Sumatra], [Indonesia]. Leg.: ?Diard [= error for Van den Berg].

Gould introduced this new name for *Trogon fasciatus* as described and illustrated by Temminck (1825: pl. 321). The history of the RMNH specimens is confusing. Temminck (1825: pl. 321) identified them incorrectly as *Trogon fasciatus* Pennant, 1769 (from India and Sri Lanka) and gave Van den Berg as collector and Sumatra as type locality. These data were originally written under the stands. Later this was changed, in Temminck's handwriting, in "Diard, Borneo". Since Diard arrived in Borneo after 1825, this is clearly incorrect and G.F. Mees (26.ii.1968) summarised this discrepancy on the labels of RMNH.AVES.88479 and 88480 and considered Van den Berg as collector and Sumatra as origin.

Since it was assumed that the birds came from Diard from Borneo, they were identified as *Harpactes kasumba impavidus* (Chasen and Kloss, 1931), an identification which seemed to be corroborated by their somewhat smaller size. However, if these birds were indeed collected by Van den Berg on Sumatra - as is most likely to be the case - they belong to the nominate race.

***Trogon oreskios*** Temminck, 1823: livr, 31, pl. 181 = *Harpactes oreskios oreskios* (Temminck, 1823).

Syntype, RMNH.AVES.88265, adult female, skin. Loc.: Java, [Indonesia], 1821. Leg.: H. Kuhl and J.C. van Hasselt.

According to the original description other syntypes are in the MNHN (not listed in Voisin and Voisin, 2009). Schifter *et al.* (2007: 241) listed two possible syntypes in the NMW (NMW 65402 and 65403).

***Trogon temnurus*** Temminck, 1825: livr. 55, pl. 326 = *Priotelus temnurus temnurus* (Temminck, 1825).

Syntype, RMNH.AVES.88486, adult, sex unknown, relaxed mount. Loc.: Cuba. Ex: Cabinet Temminck.

Temminck also referred to type-material in the MNHN (not listed in Voisin and Voisin, 2009) and in the collection of Drapiez (Brussels).

***Trogon massena*** Gould, 1838: III, pl. 16d = *Trogon massena massena* Gould, 1838.

Syntype, RMNH.AVES.88487, adult male, mounted skin. Loc.: Mexico. Ex: MNHN, 1838.

According to Gould other types are in the MNHN (not listed in Voisin and Voisin, 2009) and in the NMW (not listed in Schifter *et al.*, 2007).

## BUCEROTIFORMES

### Phoeniculidae

***Falcinellus cyanomelas*** Vieillot, 1819a: 165 = *Rhinopomastus cyanomelas cyanomelas* (Vieillot, 1819).

Syntype, RMNH.AVES.90968, adult female, relaxed mount. Loc.: "Pays des grands Namaquois" [= Namaqualand], [South Africa], [1781-1784]. Leg.: F. Levaillant. Ex: Cabinet Temminck.

According to the description, Vieillot based his name on Levaillant's plates (Levaillant, 1807, *Promerops*, pls 5 and 6, pp. 15-17, see Rookmaaker, 1989: 209) and, consequently, specimens collected by Levaillant in Namaqualand. Vieillot might have copied his text from Temminck's description of "*Le promerops namaquoi*" (Temminck, 1807: 74, 217) as he did in other cases (see Hartlaub, 1849; Stresemann, 1953a). See Rookmaaker (1989) for more information about Levaillant's relations to Temminck and the RMNH.

### Bucorvidae

***Buceros carunculatus guineensis*** Schlegel, 1862a: 20 = *Bucorvus abyssinicus* (Boddaert, 1783).

Syntype, RMNH.AVES.22162, adult female, mounted skin. Loc.: Accra, Ashanti, Côte d'Or [= Ghana], 1844. Leg.: H.S. Pel.

Syntype, RMNH.AVES.89436, adult male, skeleton. Loc.: Goudkust [= Ghana], 1844. Leg.: H.S. Pel.

***Buceros carunculatus cafer*** Schlegel, 1862a: 20.

***Bucorvus schlegeli*** Roberts, 1926: 219 (*nomen novum*) = *Bucorvus leadbeateri* (Vigors, 1825).

Syntype, RMNH.AVES.88652, adult male, mounted skin. Loc.: "Interieur Cafrérie", [South Africa]. Ex: G.A. Frank, 1857.

Syntype, RMNH.AVES.22163, adult male, mounted skin. Loc.: Cafrérie Cap, [South Africa]. Ex: Bullock Museum, 1819.

Syntype, RMNH.AVES.22164, adult, sex unknown, mounted skin. Loc.: Africa. Ex: Cabinet Temminck.

Roberts introduced *schlegeli* as an unnecessary *nomen novum* for *Buceros carunculatus cafer* Schlegel, 1862.

### Bucerotidae

***Buceros galeritus*** Temminck, 1831: livr. 88, pl. 520 = *Anorrhinus galeritus* (Temminck, 1831).

Syntype, RMNH.AVES.22159, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Possible syntype, RMNH.AVES.88643, adult male, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: S. Müller [?].

Possible syntype, RMNH.AVES.88644, adult female, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: S. Müller [?].

Possible syntype, RMNH.AVES.88645, immature female, mounted skin. Loc.: Batang Singalang, Sumatra, [Indonesia]. Leg.: S. Müller [?].

According to Schlegel (1862a: 8), RMNH.AVES.22159 is the depicted specimen on plate 520. According to a later label by Schlegel, RMNH.AVES.88643-88645 are collected by Müller on Sumatra. That would mean that these specimens are not part of the type series, as Müller arrived in Sumatra in June 1833, two years after publication. However the data on the bottom of the stand in Temminck's handwriting does not mention Müller, so we list them here as possible syntypes.

***Buceros convexus*** Temminck, 1832: livr. 89, pl. 530 = *Anthracoceros albirostris convexus* (Temminck, 1832).

Lectotype, RMNH.AVES.22160, adult male [= female], mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: ?S. Müller.

As Müller did not arrive in Sumatra before June 1833 and Temminck published this name in 1832, there is doubt about the correctness of Müller as collector. Schlegel (1862: 7) listed it as the type and as the figured specimen, which suggests it was not collected by Müller. This constituted, however, a lectotype designation.

See Dickinson (2001: 46) for dating: not 1831 as listed in Van den Hoek Ostende *et al.* (1997: 190). Skeleton RMNH.AVES.88648, listed in Van den Hoek Ostende *et al.* (1997: 190) is not part of the type series as Temminck made no reference to skeletal material.

***Buceros violaceus*** Wilkes, 1808: 479 = *Anthracoceros coronatus* (Boddaert, 1783).

Wilkes based his name on "Le Calao violet" by Levaillant (1801a: 39, pl. 19). Levaillant saw a bill of this new species in the cabinet of Temminck which is no longer present in the RMNH.

***Buceros antracicus*** Temminck, 1832: livr. 89, pl. 529 = *Anthracoceros malayanus* (Raffles, 1822).

Syntype, RMNH.AVES.197861, adult female, mounted skin. Loc.: Borneo, [Indonesia], [1826]. Leg.: P.M. Diard.

Temminck referred to specimens from Sumatra and Borneo but failed to indicate in which collections the type specimens were kept. RMNH.AVES.197861 is the only specimen in the RMNH which qualifies as type as Diard visited Borneo in 1826. This is a female so not the depicted specimen, which is a male.

***Anthracoceros Marchei*** Oustalet, 1885: 108 = *Anthracoceros marchei* Oustalet, 1885.

Syntype, RMNH.AVES.22181, adult male, skin. Loc.: Busuanga Island, Calamianes, [Philippines]. Leg.: A. Marche. Ex: MNHN, 1893.

***Buceros rhinoceros* var. *Borneoensis*** Schlegel and Müller, 1845: 22.

***Buceros rhinoceroïdes*** "Temminck" Bonaparte, 1850a: 89 (*nomen novum*) = *Buceros rhinoceros borneoensis* Schlegel and Müller, 1845.

Syntype, RMNH.AVES.22154, adult female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88650, immature female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

The type locality was restricted to the "Doeson or Barito River" by Chasen and Kloss (1930: 25). Page 22 of the bird section of the *Verhandelingen* was published in livraison 11 on June 26th, 1845 (Husson and Holthuis, 1955: 23). One was sent to the MfN in 1833.

Bonaparte introduced *rhinoceroïdes* as an unnecessary *nomen novum* for *Buceros rhinoceros* var. *Borneoensis* Schlegel and Müller, 1845.



***Buceros rhinoceros* var. *Sumatrana*** Schlegel and Müller, 1845: 22 = *Buceros rhinoceros rhinoceros* Linnaeus, 1758.

Syntype, RMNH.AVES.22152, adult male, mounted skin. Loc.: Batang Singalang, Sumatra, [Indonesia], [v.-viii.1834]. Leg.: S. Müller.

Syntype, RMNH.AVES.22153, adult, sex unknown, mounted skin. Loc.: Batang Singalang, Padang, Sumatra, [Indonesia], [v.-viii.1834]. Leg.: S. Müller.

Page 22 of the bird section of the *Verhandelingen* was published in livraison 11 on June 26th, 1845 (Husson and Holthuis, 1955: 23).

Müller visited the area of Batang Singalan from May - August 1834.

***Buceros cristatus*** Vieillot, 1816c: 591 = *Buceros rhinoceros silvestris* Vieillot, 1816.

Vieillot based this name on "Le calao a casque concave" by Levaillant (1801a: 10, pl. 3 and 4). Levaillant based his description on a specimen in the cabinet of Temminck received from Java, which is no longer present in the RMNH.

***Buceros silvestris*** Vieillot, 1816c: 592 = *Buceros rhinoceros silvestris* Vieillot, 1816.

Vieillot based this name on "Le calao a casque en croissant" by Levaillant (1801a: 26, pl. 13). Levaillant based his description on a specimen in the cabinet of Temminck from Java and mentioned the Moluccas as a probable origin. Java must have been overlooked by Vieillot, who only mentioned the Moluccas as type locality. This specimen is no longer present in the RMNH.

***Buceros rhinoceros* var. *Indica*** Schlegel and Müller, 1845: 22.

***Buceros sublunatus*** "Temminck" Bonaparte, 1850a: 90 (*nomen novum*) = *Buceros rhinoceros silvestris* Vieillot, 1816.

Holotype, RMNH.AVES.22180, adult female, mounted skin. Loc.: "Seringapatam", [India]. Ex: G.A. Frank, 1838.

Holotype by monotypy. Schlegel and Müller only mentioned the specimen from Seringapatam. Seringapatam, India, is considered an error. Sanft (1960) designated Java as the type locality. Page 22 of the bird section of the *Verhandelingen* was published in livraison 11 on June 26th, 1845 (Husson and Holthuis, 1955: 23).

Bonaparte introduced *sublunatus* as an unnecessary *nomen novum* for *Buceros rhinoceros* var. *Indica* Schlegel and Müller, 1840.

***Buceros lunatus*** Temminck, 1834: livr. 92, pl. 546.

***Buceros rhinoceros* var. *Javanica*** Schlegel and Müller, 1845: 22 = *Buceros rhinoceros silvestris* Vieillot, 1816.

Syntype, RMNH.AVES.198090, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia], [vi.1826-viii.1827]. Leg.: H. Boie.

Syntype, RMNH.AVES.198092, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia], [vi.1826-viii.1827]. Leg.: H. Boie.

Syntype, RMNH.AVES.158244, adult, sex unknown, skull. Loc.: Java, [Indonesia]. Ex: -, 1828.

Temminck mentioned that at the time of the publication of his introduction to the genus

*Buceros* (Temminck, 1823: livr. 36) this species was only known from a mutilated specimen and a living bird, both in his possession. These specimens are no longer in the RMNH. During the publication of the description of *lunatus* in 1834 the above listed specimens were available to Temminck, therefore listed here as syntypes. Temminck gave as type locality for *lunatus* Java and Banda, Bonaparte (1850a: 90) restricted the type locality to Java.

Boie visited Java from June 1826 - September 1827.

***Buceros bucinator*** Temminck, 1824: livr. 48, pl. 284 = *Bycanistes bucinator* (Temminck, 1824).

Temminck based his description on a skull in his possession (no longer in the RMNH) and a specimen collected by Delalande in the MNHN (C.G. 2007-216), erroneously listed by Voisin and Voisin (2008: 21) as holotype.

***Buceros cylindricus*** Temminck, 1831: livr. 88, pl. 521, fig. 2 = *Bycanistes cylindricus* (Temminck, 1831).

Lectotype, RMNH.AVES.22174, adult male, skull. Loc.: Goldcoast [= Ghana]. Ex: Brookes Museum, 1828.

Temminck based his description on two skulls bought at the auction of the Brookes collection in 1828 (Gijzen, 1938: 162): an adult male and an immature (Schlegel, 1862a: 18). The whereabouts of the immature skull are unknown.

Van Oort (1907: 176) designated the lectotype.

***Buceros atratus*** Temminck, 1835 : livr. 94, pl. 558 = *Ceratogymna atrata* (Temminck, 1835).

Holotype by monotypy. Formerly in the collection of Meiffren-Laugier de Chartrouse, now probably in the MNHN, though not listed in Voisin and Voisin (2008).

***Buceros elatus*** Temminck, 1831: livr. 88, pl. 521, fig. 1. = *Ceratogymna elata* (Temminck, 1831).

Lectotype, RMNH.AVES.22161, adult male, cranium. Loc.: “Goudkust” [= Ghana]. Ex: C.J. Temminck.

Erroneously given as RMNH.AVES.22164 in Van den Hoek Ostende *et al.* (1997: 193). Schlegel (1862a: 18) designated the lectotype.

Temminck described this species based on two skulls, one in the RMNH, obtained from Prof. N.C. de Fremery in Utrecht and one he had seen in the Brookes collection. The whereabouts of the syntype from Brook's collection is unknown.

***Ortholophus Cassini*** Finsch, 1903b: 196 = *Horizocerus albocristatus cassini* (Finsch, 1903).

Syntype, RMNH.AVES.22155, adult male, skin. Loc.: Victoria, Cameroon, 05.xi.1898. Leg.: P. Preuss. Ex: MfN, 1903.

***Berenicornis (Buceros) macrourus*** Bonaparte, 1850a: 91 = *Horizocerus albocristatus macrourus* (Bonaparte, 1850).

Syntype, RMNH.AVES.22156, adult male, mounted skin. Loc.: Rio Boutry, Ashantee, Goldcoast [= Ghana]. Leg.: H.S. Pel, 1842.

Syntype, RMNH.AVES.22157, adult male, mounted skin. Loc.: Goldcoast [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.22158, adult female, mounted skin. Loc.: Dabocrom, Goldcoast [= Ghana]. Leg.: H.S. Pel.

***Buceros Nagtglasii*** Schlegel, 1862a: 16 = *Horizocerus hartlaubi hartlaubi* (Gould, 1861).

Holotype, RMNH.AVES.22178, adult, sex unknown, skin. Loc.: St. George d'Elmina, Goudkust [= Ghana], 1861. Leg.: C.J.M. Nagtglas.

Holotype by monotypy as Schlegel (1862a) referred to a single specimen.

Van den Hoek Ostende *et al.* (1997: 195) dated this name from Schlegel (1863a). However, the description was published in another work which came out a few months earlier in 1862 (see Pieters *et al.*, 2005 and Dickinson and Pieters, 2011).

***Lophoceros alboterminatus*** Büttikofer, 1889b: 67 = *Lophoceros alboterminatus* Büttikofer, 1889.

Syntype, RMNH.AVES.22173, adult female, skin. Loc.: Gambos, Angola, 08.ii.1888. Leg.: P.J. van der Kellen.

Syntype, RMNH.AVES.22172, adult female, skin. Loc.: Gambos, Angola, 11.ii.1888. Leg.: P.J. van der Kellen.

Syntype, RMNH.AVES.22171, adult male, skin. Loc.: Gambos, Upper Cunene, Angola, 20.ii.1888. Leg.: P.J. van der Kellen.

***Buceros pulchrirostris*** Schlegel, 1862a: 15 = *Lophoceros camurus* (Cassin, 1857).

Syntype, RMNH.AVES.22168, adult, sex unknown, skin. Loc.: St. George d'Elmina, Goldcoast [= Ghana], 1861. Leg.: C.J.M. Nagtglas.

Syntype, RMNH.AVES.22169, adult, sex unknown, skin. Loc.: St. George d'Elmina, Goldcoast [= Ghana], 1861. Leg.: C.J.M. Nagtglas.

Syntype, RMNH.AVES.22170, adult, sex unknown, skin. Loc.: St. George d'Elmina, Goldcoast [= Ghana], 1861. Leg.: C.J.M. Nagtglas.

Van den Hoek Ostende *et al.* (1997: 195) dated this name from Schlegel (1863b). However, the description was published in another work which came out a few months earlier in 1862 (see Pieters *et al.*, 2005 and Dickinson and Pieters, 2011).

***Buceros fasciatus*** Shaw, 1812: 34 = *Lophoceros fasciatus fasciatus* (Shaw, 1812).

Lectotype, RMNH.AVES.22179, adult male, relaxed mount. Loc.: Angola. Ex: Cabinet Temminck.

Shaw based his name on Levaillant's description of the "Calao Longibandes" (1806-1807: pl. 233) which Levaillant based on three specimens of which one was sent to Temminck (Temminck, 1806: 38, cat. no. 778). By listing one of these syntypes as holotype, Van den Hoek Ostende *et al.* (1997: 194) unintentionally designated RMNH.AVES.22179 as lectotype.

***Buceros semifasciatus*** "Temminck" Hartlaub, 1855: 356 = *Lophoceros fasciatus semifasciatus* (Hartlaub, 1855).

Syntype, RMNH.AVES.22288, adult male, mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana]. Leg.: H.S. Pel

Syntype, RMNH.AVES.197313, adult male, mounted skin. Loc.: Senegal. Ex: MNHN.

Syntype, RMNH.AVES.197315, adult female, mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana], viii.1842. Leg.: H.S. Pel.

Syntype, RMNH.AVES.197319, immature male, mounted skin. Loc.: Rio Boutry, Côte d'Or [= Ghana], xii.1842. Leg.: H.S. Pel.

Syntype, RMNH.AVES.157136, adult, sex unknown, skull. Loc.: Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.157142, adult, sex unknown, skull. Loc.: Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Syntype, RMNH.AVES.254333, adult female, skeleton. Loc.: Côte d'Or [= Ghana]. Leg.: H.S. Pel.

Although the article by Hartlaub deals with the specimens collected by Pel, Hartlaub specifically mentioned the specimen from Senegal in his description of *semifasciatus*. Van den Hoek Ostende *et al.* (1997: 194) only listed RMNH.AVES.22288 as syntype.

***Buceros limbatus*** Rüppell, 1835: 5, pl. 2 fig. 1 = *Lophoceros hemprichii* (Ehrenberg, 1833).

Paralectotype, RMNH.AVES.197402.

Steinbacher (1949: 108) designated the lectotype in the SMF (12623). For more information see Steinheimer (2005a: 239).

According to Rüppell he collected this species in Temben province in June (1832).

***Buceros epirhinus*** Sundevall, 1850: 108.

***Buceros nasutus* var. *caffer*** Sundevall, 1850: 108 = *Lophoceros nasutus epirhinus* (Sundevall, 1850).

Syntype, RMNH.AVES.197367, adult male, mounted skin. Loc.: Makkalis [= Magaliesberg], South Africa. Leg.: J.A. Wahlberg, 26.xi.1841.

Sundevall did not intend to publish *var caffer* as a new name, so even though it is mentioned earlier in the text *epirhinus* is the available name. Two other syntypes are in the NRM (NRM 569870, 569871).

***Buceros cineraceus*** Temminck, 1832: livr. 89, no plate = *Ocyceros griseus* (Latham, 1790).

Temminck did not give an indication where he had seen the specimen(s) on which he based his description.

***Penelopides talisi*** Finsch, 1903a: 190 = *Penelopides manillae manillae* (Boddaert, 1783).

Syntype, RMNH.AVES.22175, adult male, skin. Loc.: Prov. Cagayan, N. Luzon, Philippines, 23.ii.1892. Leg.: A. van der Valk, 1893.

***Buceros corrugatus*** Temminck, 1832: livr. 90, pl. 531 = *Rhabdotorrhinus corrugatus corrugatus* (Temminck, 1832).

Syntype, RMNH.AVES.22166, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia], [1826]. Leg.: P.M. Diard.

Temminck wrote having received three specimens: an adult male and an immature from Borneo collected by Diard and a male from the Indian continent. The latter is either a different species or the locality is erroneous. Schlegel (1862a: 9-10) didn't list specimens other than RMNH.AVES.22166 that fit as syntype.

***Buceros gracilis*** Temminck, 1832: livr. 90, pl. 535 = *Rhabdotorrhinus corrugatus corrugatus* (Temminck, 1832).

Holotype by monotypy. According to Temminck he received a single specimen from Borneo. Schlegel (1862a: 9) listed a specimen collected by Schwaner (RMNH.AVES.197627) as the depicted specimen on plate 535. Schwaner visited Borneo after the publication so either the collector is incorrect or Schlegel is in error.

***Buceros exarhatus*** "Reinwardt" Temminck, 1823: livr. 36, pl. 211 = *Rhabdotorrhinus exarhatus exarhatus* (Temminck, 1823).

Possible holotype, RMNH.AVES.22165, adult female, cranium. Loc.: Celebes [= Sulawesi], [Indonesia], [ix-xii.1821]. Leg.: C.G.C. Reinwardt.

Holotype by monotypy. Temminck based his description on a single specimen collected by Reinwardt. Judging from Temminck's illustration this bird was a female. There is no longer a mounted skin collected by Reinwardt in the RMNH which fits the illustration. However, there is a skull of a female collected by Reinwardt which, judging from the damage to the back of the skull, might be the leftover from a specimen that was previously mounted (but disintegrated). The details of the casque and bill agree very well with the specimen illustrated on plate 211. We therefore assume that this is the skull which belonged to the skin Temminck illustrated.

Reinwardt visited North Sulawesi between September and December 1821.

***Buceros leucocephalus*** Vieillot, 1816c: 592.

***Buceros sulcatus*** Temminck, 1821: livr. 12, pl. 69 = *Rhabdotorrhinus leucocephalus* (Vieillot, 1816).

Holotype for *leucocephalus*, RMNH.AVES.24056, adult male, mounted skin. Loc.: Mindanao, Philippines. Leg.: -.

Vieillot based his description on a single specimen in Temminck's collection (see Temminck, 1807: 37).

Following Dickinson et al. (2022) (see also introduction of this catalogue under "what is new in this 2022 version": 14) the specimen illustrated on plate 69 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 190) or any other type catalogue is erroneous. RMNH.AVES.24056 is the holotype for *leucocephalus* Vieillot, but not for *sulcatus* Temminck. According to Temminck, the illustrated specimen is in the MNHN. Based on Van den Hoek Ostende *et al.* (1997 190) who erroneously listed

RMNH.AVES.24056 as holotype for *sulcatus* Temminck, which was in fact a lectotype selection, Voisin and Voisin (2008b: 21) listed C.G. 2007-217 as a paralectotype. They assumed it to be the specimen on plate 69 in which they are correct and C.G. 2007-217 therefore is the holotype.

***Buceros cassidix*** Temminck, 1823: livr. 36, pl. 210 = *Rhyticeros cassidix* (Temminck, 1823).

Syntype, RMNH.AVES.22167, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: C.G.C. Reinwardt [20-24.x.1821].

According to the description the RMNH received two specimens from Reinwardt. The whereabouts of the second specimen are unknown. Schlegel (1862a: 9) didn't list it in his catalogue.

Reinwardt visited the Tondano area between 20 - 24 September 1821.

***Aceros cassidix brevirostris*** Van Bemmél, 1951: 56, in: Van Bemmél and Voous, 1951 = *Rhyticeros cassidix* (Temminck, 1823).

Holotype, ZMA.AVES.8701, adult male, skin. Loc.: Labasa, [Muna Island], [Indonesia], 6.x.1948. Leg.: G.A.L. de Haan (625).

Paratypes, ZMA.AVES.9275-9277.

There might be other paratypes in the MZB.

***Buceros crispatus*** Wilkes, 1808: 479.

***Buceros undulatus*** Shaw, 1812: 26 = *Rhyticeros undulatus* (Shaw, 1812).

Wilkes and Shaw based their name on "Le Calao à casque festonné" by Levaillant (1801a: 41, pl. 20 and 21). Levaillant saw this new species in the cabinet of Temminck (see Temminck, 1807: 37). It is no longer present in the RMNH.

***Buceros Erythrorhynchus*** "Brisson" Kuhl, 1820: 522 (not Temminck, 1823. livr. 36, sp. 19 (text) = *Tockus erythrorhynchus* (Temminck, 1823).

Kuhl (1820, Buffoni et Daubentoni: p. 5 and p. 22) published *Buceros Erythrorhynchus* as a scientific name for "Le Calao a bec rouge de Sénégal" described and depicted in Brisson (1760, t. 4: 575, pl. XLVI, fig. 2) and depicted on plate 260 in Daubenton (Pl. enl.). Although Kuhl did not give a proper description (his work was intended to be an index to the plates by Buffon and Daubenton), by referring to the plate this is an available name. Therefore, *Tockus erythrorhynchus* should be attributed to Kuhl, 1820 and not to Temminck, 1823.

The specimen Brisson had seen was in the collection of R.-A. de Reaumur and was collected by M. Adanson in Senegal.

***Buceros rufirostris*** Sundevall, 1850: 108.

***Buceros erythrorhynchus* var. *caffer*** Sundevall, 1850: 108 = *Tockus rufirostris* (Sundevall, 1850).

Paralectotype, RMNH.AVES.197484.



Sundevall did not intend to publish *var caffer* as a new name, so even though it is mentioned earlier in the text, *rufirostris* is the available name. Gyldenstolpe (1926: 107) selected the lectotype by listing an adult male (NRM 569872) in the NRM as type.

## CORACIIFORMES

### Coraciidae

***Coracias cyanogaster*** Cuvier, 1816: 401 = *Coracias cyanogaster* Cuvier, 1816.

Possible holotype, RMNH.AVES.88625, adult, sex unknown, relaxed mount. Loc.: "Senegambie". Ex: Cabinet Temminck.

Cuvier based his name on the description of *Le Rollier à ventre bleu* by Levaillant (1806: 78, pl. 26). Levaillant based his description on a specimen he received from Temminck. Van den Hoek Ostende *et al.* (1997: 188) listed this specimen as holotype which we follow here, although the provenance of RMNH.AVES.88625 is uncertain.

***Garrulus Temminckii*** Vieillot, 1819d: 435 = *Coracias temminckii* (Vieillot, 1819).

Holotype, RMNH.AVES.88626, adult male, relaxed mount. Loc.: "Otaheite" [error for Sulawesi], [Indonesia]. Ex: Cabinet Temminck.

According to Schlegel (1873) this specimen was collected by Reinwardt in 1821. If correct, RMNH.AVES.88626 cannot be the holotype. Vieillot refers to pl. 9 in Levaillant (1807: 46, pl. 9). In 1823 a bird was sent to the NMW (1823.LXXXVIII.22).

***Coracias Violacea*** Temminck, 1807: 45 = *Eurystomus glaucurus afer* (Latham, 1790).

Syntype, RMNH.AVES.88627, adult, sex unknown, relaxed mount. Loc.: "Senegambie". Ex: Cabinet Temminck.

***Eurystomus orientalis oberholseri*** Junge, 1936: 30 = *Eurystomus orientalis oberholseri* Junge, 1936.

Holotype, RMNH.AVES.88628 (6651), adult male, skin. Loc.: Sinabang, Simalur, [Indonesia], 11.vii.1913. Leg.: E.R. Jacobson and W.C.van Heurn.

Paratypes, RMNH.AVES.88629-88642.

### Alcedinidae

***Dacelo concreta*** Temminck, 1825: livr. 58, pl. 346 = *Actenoides concretus concretus* (Temminck, 1825).

Holotype, RMNH.AVES.88523, adult male, relaxed mount. Loc.: Sumatra, [Indonesia]. Leg.: -.

Holotype by monotypy. Temminck's description was based on the only specimen known. According to Schlegel (1863f: 26) this specimen was illustrated on plate 346 and collected by Müller, which must be an error as Müller did not visit Sumatra until 1833. One specimen from Borneo was donated to the NMW in February 1833 (1833.VII.19) and one in 1841. One arrived in the MfN in 1824.

***Dacelo monachus*** Bonaparte, 1850a: 154.

***Dacelo cyanocephala*** "Forsten" Bonaparte, 1850a: 154 = *Actenoides monachus monachus* (Bonaparte, 1850).

Syntype, RMNH.AVES.88543, adult male, mounted skin. Loc.: Kota-Boema, Kema, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88544, adult male, mounted skin. Loc.: Kema, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88545, adult female, mounted skin. Loc.: Kota-Boema, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Bonaparte published *cyanocephala* and *princeps* (see below), both manuscript names by Forsten, in the synonymy of *monachus*.

Forsten visited North Sulawesi from 22 March-19 June 1841.

***Dacelo princeps*** "Forsten" Bonaparte, 1850a: 154.

***Monachalcyon princeps*** Reichenbach, 1851: iv, 38 = *Actenoides princeps princeps* (Reichenbach, 1851).

Syntype, RMNH.AVES.204978, adult male, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia], [22.iii-19.vi.1841]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.204980, adult female, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Reichenbach based his *princeps* on the description in Bonaparte (1850a: 154) and Forsten's manuscript name published there.

Forsten visited North Sulawesi from 22 March-19 June 1841.

***Alcedo japonica*** Bonaparte, 1854a: 320. = *Alcedo atthis bengalensis* Gmelin, 1788.

Syntype, RMNH.AVES.88488, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88489, adult male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88490, immature male, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88491, adult female, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88492, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88493, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88494, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.88495, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

RMNH.AVES.8488 is labelled "male", but according to the stand as "female". For a discussion on problems and recognition of the name *Alcedo japonica*, see Morioka *et al.* (2005).

***Alcedo beryllina*** Vieillot, 1818a: 414 = *Alcedo coerulescens* Vieillot, 1818.

Possible syntype, RMNH.AVES.88496, adult male, relaxed mount. Loc.: Java, [Indonesia]. Ex: Cabinet Temminck.

According to Voisin and Voisin (2008b: 9), the MNHN holds possible holotypes (by monotypy) for *beryllina* (MNHN C.G. 2006-559) and for *coerulescens* (MNHN C.G. 2006-560), see also Jansen (2018: 388). However, as Vieillot based many of his descriptions on Temminck (1807), see introduction, RMNH.AVES.88496 is listed here as (possible) syntype for *beryllina*. RMNH.AVES.88497, listed in Van den Hoek Ostende *et al.* (1997: 178), is no longer considered to be a type due to lack of conclusive information.

***Alcedo cryzona [sic]*** Temminck, 1830: livr. 86, text with pl. 508 = *Alcedo euryzona euryzona* Temminck, 1830.

Lectotype, RMNH.AVES.88498, adult male, mounted skin. Loc.: Jasinga, Java, [Indonesia], xi.1827. Leg.: S. Müller.

Not illustrated; the description was published in the text of *A. lazuli* Temminck (1830) who gave no indication of the number of specimens, so the listing by Van den Hoek Ostende *et al.* (1997: 178) as holotype is an error but constituted a lectotype designation.

***Alcedo quadribrachys*** "Temminck" Bonaparte, 1850a: 158 = *Alcedo quadribrachys quadribrachys* Bonaparte, 1850.

Lectotype, RMNH.AVES.88499, adult male, relaxed mount. Loc.: Rio Boutry [= Butre], Goldcoast [= Ghana]. Leg.: H.S. Pel, 1841.

Schlegel (1863f: 10) designated the lectotype.

***Halcyon fulgidus*** Gould, 1857: 65 = *Caridonax fulgidus* (Gould, 1857).

Paralectotype, RMNH.AVES.88539.

Gould based his description on specimens he received from A.R. Wallace. The label gives "Wallace 1866" as collector: the date, not the collector, is an error as the specimen was collected in 1856 and received in 1857 through the dealer Frank with whom Gould was in contact about this new kingfisher.

Warren (1966: 104) erroneously listed a specimen in the NHM (NHM 1881.5.1.2952) as holotype, thereby designating it the lectotype.

Wallace stayed in Lombok from 17 June until 30 August 1856 and his sales catalogue listed *Halcyon fulgidus*, collected at Ampanam and Gunong Sari (Baker, 2001: 267).

***Ceryle rudis syriaca*** Roselaar, 1995: 22 = *Ceryle rudis syriacus* Roselaar, 1995.

Holotype, RMNH.AVES.88859, adult female, mounted skin. Loc.: Syria. Ex: Maison Verreaux, 1863. Paratype, RMNH.AVES.88860.

Other paratypes are in the ZFMK, ZMM and NHM.

***Alcyon diemenensis*** Gould, 1846: 19 = *Ceyx azureus diemenensis* (Gould, 1846).

Possible paralectotype, RMNH.AVES.202146.

Stone (1913: 151) designated the lectotype in the ANSP (ANSP 21232). Fisher and Calaby (2009: 138) listed this specimen as a possible type.

Gould travelled through Australia from September 1838 - May 1840, visiting Tasmania several times.

*Alcyone pulchra* Gould, 1846: 19. = *Ceyx azureus ruficollaris* (Bankier, 1841).

Possible paralectotype, RMNH.AVES.202150.

Stone (1913: 151) designated the lectotype in the ANSP (ANSP 21237). Fisher and Calaby (2009: 138) listed this specimen as a possible type.

*Ceyx innominata* Salvadori, 1869: 446 = *Ceyx erithaca* (Linnaeus, 1758).

Syntype, RMNH.AVES.202173, adult male, relaxed mount. Loc.: Sumatra, [Indonesia], [vii.1833-1835]. Leg.: S. Müller (= *Ceyx erithaca erithaca* (Linnaeus, 1758)).

Syntype, RMNH.AVES.202219, adult male, relaxed mount. Loc.: Sumbawa, [Indonesia], 1842. Leg.: E.A. Forsten (= *Ceyx erithaca motleyi* Kloss, 1929).

Syntype, RMNH.AVES.254518, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: Kuhl and van Hasselt (= *Ceyx erithaca motleyi* Kloss, 1929).

Syntype, RMNH.AVES.255870, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: Kuhl and van Hasselt (= *Ceyx erithaca motleyi* Kloss, 1929).

Syntype, RMNH.AVES.256609, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: Kuhl and van Hasselt (= *Ceyx erithaca motleyi* Kloss, 1929).

Salvadori referred to specimens in the RMNH from Sumatra and Bangka (= *Ceyx erithaca erithaca* (Linnaeus, 1758)) and specimens collected by Boie and Kuhl and van Hasselt on Java, and Forsten on Sumbawa (= *Ceyx erithaca motleyi* Kloss, 1929), listed in Schlegel (1863f: 49). Other syntypes are in the MZUT (MZUT Av15267; Aimassi *et al.*, 2020: 89) and other collections.

Kuhl and van Hasselt collected together on Java from December 1820 - September 1821. Müller visited West Sumatra from July 1833 until late 1835.

*Dacelo fallax* Schlegel, 1866b: 187 = *Ceyx fallax fallax* (Schlegel, 1866).

Syntype, RMNH.AVES.88501, adult male, mounted skin. Loc.: Bone [= Gorontalo], Celebes [= Sulawesi], [Indonesia], 24.xi.1863. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88502, adult male, mounted skin. Loc.: Bone [= Gorontalo], Celebes [= Sulawesi], [Indonesia], 25.xi.1863. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88503, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], 07.iii.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88504, adult female, mounted skin. Loc.: Toula-bello [= Tulabolo], Celebes [= Sulawesi], [Indonesia], 26.iv.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88505, immature female, mounted skin. Loc.: Toula-bello [= Tulabolo], Celebes [= Sulawesi], [Indonesia], 04.iv.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88506, immature male, mounted skin. Loc.: Toula-bello [= Tulabolo], Celebes [= Sulawesi], [Indonesia], 06.v.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88507, adult female, mounted skin. Loc.: Toula-bello [= Tulabolo], Celebes [= Sulawesi], [Indonesia], 10.v.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88508, adult male, mounted skin. Loc.: Menado, Celebes [= Sulawesi], [Indonesia], 1865. Ex: L.D.H. Renesse van Duivenbode.

In some cases the date of collecting on the stand differs from that on the label. According to the data on the stands, and according to Schlegel (1863f: 33) RMNH.AVES.88504 was collected on 26.iv.1864 and RMNH.AVES.88505 and 88506 on 29.iv.1864 and 7.v.1864 respectively.

Rosenberg stayed in the area of Tulabolo between 14 April - 21 May 1864 (see Rosenberg, 1865: 106-117).

***Ceyx lepida*** Temminck, 1836: livr. 100, pl. 595, fig. 1 = *Ceyx lepidus lepidus* Temminck, 1836.

Syntype, RMNH.AVES.88509, adult, sex unknown, mounted skin. Loc.: Amboina [= Ambon], [Indonesia], [29.iii-20.iv.1828]. Leg.: S. Müller.

Müller visited Ambon from 29 March - 20 April 1828.

***Ceyx pusilla*** Temminck, 1836: livr. 100, pl. 595, fig. 3 = *Ceyx pusillus pusillus* Temminck, 1836.

Lectotype, RMNH.AVES.88511, adult male, mounted skin. Loc.: [Lobo Bay], "Nouveau Guinee" [= Papua], [Indonesia], [4.vii-29.viii], 1828. Leg.: S. Müller.

Temminck gave no indication of the number of specimens available to him. Schlegel (1863f: 18) designated the lectotype, which must have been overlooked by Van den Hoek Ostende *et al.* (1997: 179), who listed this specimen as holotype.

According to Temminck this specimen was collected 'dans les mêmes localités que la précédente' i.e. *Ceyx solitaria*.

***Ceyx solitaria*** Temminck, 1836: livr. 100, pl. 595, fig. 2 = *Ceyx solitarius* Temminck, 1836.

Lectotype, RMNH.AVES.88510, adult male, mounted skin. Loc.: Lobo Bay, [Papua], [Indonesia] [4.vii-29.viii.1828]. Leg.: S. Müller.

Temminck gave no indication of the number of specimens available to him. Schlegel (1874b: 9) designated the lectotype, which must have been overlooked by Van den Hoek Ostende *et al.* (1997: 179), who listed this specimen as a holotype.

***Dacelo cyanotis*** Temminck, 1824: livr. 44, pl. 262 = *Cittura cyanotis cyanotis* (Temminck, 1824).

Lectotype, RMNH.AVES.88512, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia]. Leg.: -.

Temminck gave no indication of the number of specimens available to him. Schlegel (1863f: 23) designated the lectotype, which must have been overlooked by Van den Hoek Ostende *et al.* (1997: 180), who listed this specimen as a holotype.

The type locality in the original description is erroneously given as Sumatra as this species is endemic to Sulawesi.

***Clytoceyx rex imperator*** van Oort, 1909a: 79 = *Clytoceyx rex* Sharpe, 1880.

Lectotype, RMNH.AVES.88513, adult male, skin. Loc.: Alkmaar [Papua], [Indonesia], 17.ix.1907. Leg.: Dutch New Guinea Expedition 1907 (449).

Van Oort did not nominate any type specimens, but listed only one specimen in the RMNH, treated by Van den Hoek Ostende *et al.* (1997: 180) as holotype by monotypy. However, Van Oort also referred to two specimens in the Rothschild collection in Tring (a male and a female, bought from Boucard; now in AMNH or NHM). Warren (1966) and Greenway (1978) did, however, not list any type(s) in the NHM or AMNH.

The listing as holotype by Van den Hoek Ostende *et al.* (1997: 180) constitutes a lectotype designation, making the other two specimens paralectotypes.

***Dacelo Gaudichaud*** Gaimard, 1823: 52 = *Dacelo gaudichaud* Gaimard, 1823.

Syntype, RMNH.AVES.88514, adult male, mounted skin. Loc.: Waigeu, [Papua], [Indonesia], [16.xii.1818-5.i.1819]. Leg.: Voyage de l'Uranie.

Syntype, RMNH.AVES.88515, adult female, mounted skin. Loc.: Waigeu, [Papua], [Indonesia], [16.xii.1818-5.i.1819]. Leg.: Voyage de l'Uranie.

Original description by Gaimard (1823), not Quoy and Gaimard (1824) as frequently referred to including by Van den Hoek Ostende *et al.* (1997: 180). In contrast to Quoy and Gaimard (1824) who referred to three specimens (two males and one female), Gaimard (1823) neither mentioned the number of specimens nor the sex. Therefore, we also include RMNH.AVES.88515 in the type series. Voisin and Voisin (2008b: 4) listed two syntypes in the MNHN (MNHN C.G. 2006-536, male, and C.G. 2006-537, female) and, based on Quoy and Gaimard, excluded RMNH.AVES.88515 from the type series.

The Uranie visited Waigeo between 16 December 1818 and 5 January 1819.

***Dacelo pygmaeus*** Cretzschmar, 1829: 42, pl. 28 b = *Halcyon chelicuti chelicuti* (Stanley, 1814).

Paralectotypes, RMNH.AVES.90906, 90909.

The lectotype was designated by Steinbacher (1949: 107) and is in SMF (SMF 12728). Paralectotypes are in SMF, NMH (Steinheimer, 2005a: 244) and NMW (Schifter *et al.*, 2007: 243-244).

***Halcyon rufigularis*** Sharpe, 1892: 215 = *Halcyon cinnamomina subsp.*

Van den Hoek Ostende *et al.* (1997: 181) incorrectly listed RMNH.AVES.88522 as syntype, as Sharpe (1892) listed a single type at the Zoological Society, now in the NHM (NHMUK 1855.12.19.239; Warren, 1966: 253).

***Alcedo (Halcyon) coromanda major*** Temminck and Schlegel, 1848: p. 75, pl. 39.

***Halcyon schlegeli*** Bonaparte, 1850a: 156 = *Halcyon coromanda major* (Temminck and Schlegel, 1848).

Syntype, RMNH.AVES.88524, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.88525, immature, sex unknown, mounted skin. Loc.: Japan. Leg.: H. Bürger.

The word “Janasemi” under the stand of both specimens doesn't refer to a locality (as presumed in the first edition of this catalogue) but to the Japanese name for the species “Yamasemi” (Hiroyuki Morioka, pers. comm.).



Bonaparte introduced *schlegeli* as an unnecessary *nomen novum* for *Alcedo coromanda major* Temminck and Schlegel, 1848.

***Alcedo (Halcyon) coromanda minor*** Temminck and Schlegel, 1848: 76.

***Halcyon lilacina*** Bonaparte, 1850a: 156 (*nomen novum*) = *Halcyon coromanda minor* (Temminck and Schlegel, 1848).

Lectotype for *minor*, syntype for *lilacina*, RMNH.AVES.88526, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Paralectotype for *minor*, syntype for *lilacina*, RMNH.AVES.88528, adult male, mounted skin. Loc.: Padang, Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

The lectotype for *minor* was selected by Oberholser (1915: 649), who restricted the type locality to Pontianak. Diard travelled to Pontianak in 1826.

RMNH.AVES.88527, listed by Van den Hoek Ostende *et al.* (1997: 182) as paralectotype, is not part of the type series, as Crookewit arrived in Borneo 1851.

Bonaparte introduced *lilacina* as an unnecessary *nomen novum* for *Alcedo coromanda minor* Temminck and Schlegel, 1848.

Müller visited West Sumatra from June 1833 until late 1835.

***Halcyon coromanda sulana*** Mees, 1970: 299 = *Halcyon coromanda sulana* Mees, 1970.

Holotype, RMNH.AVES.88529, adult female, mounted skin. Loc.: Soela-Bessi [= Sanana], [Indonesia], 17.xi.1864. Leg.: H. Bernstein.

Paratypes, RMNH.AVES.88530-88535.

According to the label, RMNH.AVES.88529 was collected by Bernstein (see also Schlegel, 1863f: 17), but on the stand Hoedt is given as collector.

***Alcedo omnicolor*** Temminck, 1822: livr. 23, pl. 135 = *Halcyon cyanoventris* (Vieillot, 1818).

Syntype, RMNH.AVES.88536, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: [C.L. Blume].

According to Schlegel (1863f: 28) this specimen was collected by C.L. Blume. According to the original description another syntype is in the MNHN, but not listed in Voisin and Voisin (2008).

***Alcedo cyanoleuca*** Vieillot, 1818: 401 = *Halcyon senegalensis cyanoleuca* (Vieillot, 1818).

Lectotype, RMNH.AVES.88547, adult, sex unknown, skin. Loc.: Angola. Ex: Cabinet Temminck.

Vieillot gave no indication of the number of specimens available to him. The listing of RMNH.AVES.88547 as holotype by Van den Hoek Ostende *et al.* (1997: 184) constituted a lectotype designation.

***Alcedo picturata*** Schlegel, 1863f: 16 = *Ispidina picta natalensis* (Smith, 1832).

Syntype, RMNH.AVES.88549, adult, sex unknown, mounted skin. Loc.: “Cap”, South Africa. Leg.: -.

Syntype, RMNH.AVES.88548, adult, sex unknown, mounted skin. Loc.: Port Natal, South Africa. Leg.:  
-.  
Syntype, RMNH.AVES.89435, adult, sex unknown, mounted skin. Loc.: Port Natal, South Africa. Leg.:  
-.

***Dacelo melanops*** "Temminck" Bonaparte, 1850a: 154 = *Lacedo pulchella melanops* (Bonaparte, 1850).

Syntype, RMNH.AVES.88386, immature male, relaxed mount. Loc.: Pontianak, Borneo, [Indonesia], 1826. Leg.: P.M. Diard.  
Syntype, RMNH.AVES.88550, adult male, relaxed mount. Loc.: Banjermassing, Borneo, [Indonesia], 1843. Leg.: C.A.L.M. Schwaner.

***Dacelo buccoides*** Temminck, 1836: livr. 99, pl. 586 = *Lacedo pulchella pulchella* (Horsfield, 1821).

Lectotype, RMNH.AVES.88653, adult female, relaxed mount. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: [H.Kuhl and J.C. van Hasselt].  
Paralectotypes, RMNH.AVES.202630-202633.

Schlegel (1863f: 21) selected the lectotype and attributed this specimen to Kuhl and van Hasselt. Finsch, however, on a note attached to the specimen, showed doubts about the origin.

Kuhl and Van Hasselt collected on Java from December 1820 - September 1821. Müller visited the Indrapoera area (West Sumatra) in July 1835.

For dating of Temminck's livraison 99, plate. 586, see Dickinson (2001: 47).

***Alcedo lugubris*** Temminck, 1834: livr. 92, pl. 548 = *Megaceryle lugubris lugubris* (Temminck, 1834).

Holotype, RMNH.251781, adult male, mounted skin. Loc.: Japan. Leg.: H. Burger [error for Von Siebold?].

Holotype by monotypy. Temminck based his description on a unique object and described and illustrated a specimen with a "belt" formed by black and red spots. Since only males have red (rusty) spots, Temminck based his description on a male, although he did not give the sex of the specimen and was probably unaware of the difference.

Van den Hoek Ostende et al. (1997: 178) followed the information under the stand of RMNH.AVES.88500 which was collected by Von Siebold but is a female without any red (rusty) markings. Hence it does neither fit the description nor the plate. G.F. Mees had added a note on the label of RMNH.AVES.251781, the male, that this specimen was collected by Burger and therefore could not be the type. We are, however, under the impression that either the stands of the two specimens have been mixed up (which we noticed could easily be done and has occurred in other instances, see Introduction) or that the label information has been mixed up as there has been confusion over the sexes on both labels. We also noticed that the names of both collectors have been added later and are not in Temminck's handwriting. This has added to the confusion. By correcting the holotype to RMNH.AVES.251781, the plate and description agree with the specimen.

For more information on dating and Siebold's collection see Holthuis and Sakai (1970) and Dekker *et al.* (2001).

***Ramphalecyon capensis innominata*** van Oort, 1910d: 126 = *Pelargopsis capensis innominata* (van Oort, 1910).

Syntype, RMNH.AVES.88551, adult male, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88552, adult female, mounted skin. Loc.: Banjermassing, Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88553, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88554, adult, sex unknown, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88555, adult male, mounted skin. Loc.: Pleyharie, Borneo, [Indonesia]. 03.viii.1866. Leg.: J. Semmelink.

Syntype, RMNH.AVES.88556, immature, mounted skin. Loc.: Pleyharie, Borneo, [Indonesia]. 25.iv.1867. Leg.: J. Semmelink.

Syntype, RMNH.AVES.88557, adult, sex unknown, mounted skin. Loc.: Pleyharie, Borneo, [Indonesia]. 1867. Leg.: J. Semmelink.

Syntype, RMNH.AVES.88558, adult, sex unknown, mounted skin. Loc.: Pleyharie, Borneo, [Indonesia]. 1867. Leg.: J. Semmelink.

Syntype, RMNH.AVES.88559, adult male, skin. Loc.: Poetoes Siban, Upper Kapoeas, Central Borneo, [Indonesia], 19.v.1896. Leg.: A.W. Nieuwenhuis, 1898.

Syntype, RMNH.AVES.88560, adult male, skin. Loc.: Poetoes Siban, Upper Kapoeas, Central Borneo, [Indonesia], 27.v.1896. Leg.: A.W. Nieuwenhuis, 1898.

Syntype, RMNH.AVES.88561, adult, sex unknown, skin. Loc.: Sandakan, N.E. Borneo, [Sabah], [Malaysia]. Leg.: J.C. Prakke, v.1891.

***Alcedo melanorhyncha*** Temminck, 1826: livr. 66, pl. 391 = *Pelargopsis melanorhyncha melanorhyncha* (Temminck, 1826).

Lectotype, RMNH.AVES.88562, adult, sex unknown, mounted skin. Loc.: Celebes [= Sulawesi], [Indonesia], [ix-xii.1821]. Leg.: C.G.C. Reinwardt.

Schlegel (1863f: 15) designated the lectotype. According to the original description other paralectotypes are in the MNHN but not listed in Voisin and Voisin (2008). Schifter *et al.* (2007: 243) listed a paralectotype in the NMW (NMW 8905).

Reinwardt visited North Sulawesi between September and December 1821.

***Tanysiptera Carolinae*** "von Rosenberg" Schlegel, 1871a: 13 = *Tanysiptera carolinae* Schlegel, 1871.

Syntype, RMNH.AVES.88563, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 21.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88564, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 22.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88565, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 22.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, Cat no 11, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 23.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88567, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 24.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88568, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 25.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88569, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 25.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88570, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 26.i.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88571, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 27.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88572, immature female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 27.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88573, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 27.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88574, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 28.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88575, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 28.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88576, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 28.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88577, immature male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 30.i.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88578, immature male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 01.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88579, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 04.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88580, immature female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 10.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88581, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 11.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, Cat no 6, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 11.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88583, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 18.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88584, immature female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 21.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88585, immature, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 24.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88586, adult female, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 24.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88587, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 01.iii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88588, adult male, mounted skin. Loc.: Mefor [= Numfor], [Papua], [Indonesia], 01.iii.1869. Leg.: C.B.H. von Rosenberg.

Cat. no 6 and cat. no 11 (Rosenberg no. 119) are registered to be in the RMNH but could not be located. According to Roselaar and Prins (2000: 106) the latter specimen was exchanged with the ZMA, where it subsequently disappeared before 1950. Roselaar and Prins are in error when they put the origin of this specimen in Cabinet Temminck as the private collection of Temminck was incorporated in the newly formed RMNH in 1820 and no longer existed at the time of description.

RMNH.AVES.88580 was collected on 27.i.1869 according to the label, but the stand gives 10.ii.1869 as the collecting date.

***Tanysiptera galatea boanensis*** Mees, 1964b: 125 = *Tanysiptera galatea boanensis* Mees, 1964.

Holotype, RMNH.AVES.35579, adult male, mounted skin. Loc.: Boano [Indonesia], 1863. Leg.: D.S. Hoedt.  
 Paratypes, RMNH.AVES.88589-88590.

***Tanysiptera obiensis*** Salvadori, 1877b: 302 = *Tanysiptera galatea obiensis* Salvadori, 1877.

Syntype, RMNH.AVES.88591, adult female, mounted skin. Loc.: Obi Major, [Indonesia], 14.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88592, immature male, mounted skin. Loc.: Obi Major, [Indonesia], 14.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88593, immature male, mounted skin. Loc.: Obi Major, [Indonesia], 15.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88594, adult male, mounted skin. Loc.: Obi Major, [Indonesia], 16.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88597, adult male, mounted skin. Loc.: Obi Major, [Indonesia], 20.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88595, adult female, mounted skin. Loc.: Obi Major, [Indonesia], 24.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88596, adult female, mounted skin. Loc.: Obi Major, [Indonesia], 29.vii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88598, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 07.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88599, immature male, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 13.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88600, adult male, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 14.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88601, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 19.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88602, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 21.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88603, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 21.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88604, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 23.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88605, adult female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 26.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88606, immature female, mounted skin. Loc.: Obi Lattau [= Obilatu], [Indonesia], 27.viii.1862. Leg.: H.A. Bernstein.

Another syntype is in the NHM (Günther, 1892: 307, cat.a), but not listed in Warren (1966).

***Tanysiptera Schlegelii*** "von Rosenberg" Schlegel, 1871a: 12. = *Tanysiptera riedelii* Verreaux, 1866.

Syntype, RMNH.AVES.88607, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 14.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88608, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 14.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88609, immature female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 14.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88610, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 15.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88611, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 18.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88612, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 18.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, Cat. no 5, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 18.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88613, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 22.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88614, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 24.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88615, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 24.iii.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88616, immature female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 24.iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88617, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 26.iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88618, adult male, mounted skin. Loc.: Soek [= Biak], [Indonesia], 28.iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88619, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], 28.iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88620, adult female, mounted skin. Loc.: Soek [= Biak], [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.

Cat. no 5 could not be located.

***Halcyon coronatus*** Müller, 1843: 175 = *Todiramphus australasia australasia* (Vieillot, 1818).

Syntype, RMNH.AVES.88516, adult male, mounted skin. Loc.: Timor, [Indonesia], [x.1828-xii.1829]. Leg.: S. Müller.  
Syntype, RMNH.AVES.88517, adult female, mounted skin. Loc.: Timor, [Indonesia], [x.1828-xii.1829]. Leg.: S. Müller.

Müller visited Timor from October 1828 - December 1829.

***Todiramphus forsteni*** "Temminck" Bonaparte, 1850a: 157 = *Todiramphus chloris chloris* (Boddaert, 1783).

Lectotype, RMNH.AVES.88518, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.

Bonaparte gave no indication of the number of specimens. Schlegel (1863: 37) only listed the above specimen (without mentioning its type status) which Günther (1892: 280) designated as lectotype.

Forsten visited the area near Gorontalo from September 1841 - April 1842.

***Alcedo diops*** Temminck, 1824: livr. 46, pl. 272 = *Todiramphus diops* (Temminck, 1824).

Syntype, RMNH.AVES.88537, adult female, mounted skin. Loc.: Ternate, [Indonesia]. Leg.: -.

Although Temminck did not refer to Ternate as type locality, Schlegel (1864: 41) referred to RMNH.AVES.88537 as the specimen on pl. 272.

***Todiramphus funebris*** "Forsten" Bonaparte, 1850a: 157 = *Todiramphus funebris* Bonaparte, 1850.

Syntype, RMNH.AVES.88540, adult male, mounted skin. Loc.: Dodinga, Halmahera, [Indonesia]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.88541, adult male, mounted skin. Loc.: Dodinga, Halmahera, [Indonesia]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.88542, adult female, mounted skin. Loc.: Dodinga, Halmahera, [Indonesia]. Leg.: E.A. Forsten.

During a forced stay due to illness on Ternate from 19 June 1841 to mid September 1841 Forsten sent his hunters to Halmahera to collect skins.



***Alcedo lazuli*** Temminck, 1830: livr. 86, pl. 508 = *Todiramphus lazuli* (Temminck, 1830).

Syntype, RMNH.AVES.88538, adult, sex unknown, mounted skin. Loc.: Amboina [= Ambon], [Indonesia]. Leg.: -.

Temminck referred to two specimens from Sumatra in the RMNH where this South Moluccan species does, however, not occur. The syntype listed above refers to being the illustrated specimen on pl. 508, both written under the stand as well as in Schlegel (1863f: 42). We do notice differences though between the illustrated specimen and RMNH.AVES.88538 as the plate lacks the white spot under the eye evident in the specimen.

***Dacelo grayi*** Schlegel, 1863f: 37 = *Todiramphus sacer erromangae* (Mayr, 1938).

Syntype, RMNH.AVES.88519, adult female, skin. Loc.: Aneiteum [= Anatom Isl.], New Hebrides [= Vanuatu], 15.xi.1853. Leg.: "Voyage Herald" [B. Seeman].

Syntype, RMNH.AVES.88520, adult, sex unknown, skin. Loc.: Aneiteum [= Anatom Isl.], New Hebrides [= Vanuatu], 15.xi.1853. Leg.: "Voyage Herald" [B. Seeman].

Syntype, RMNH.AVES.88521, adult, sex unknown, skin. Loc.: New Hebrides [= Vanuatu]. Ex: G.A. Frank, 1862.

Both specimens from Aneiteum (= Anatom Island) refer to *H. s. erromangae* (Mayr, 1938). RMNH.AVES.88521 is of unknown origin within the group of islands and could be any of five subspecies occurring in Vanuatu.

***Alcedo albicilla*** Lesson and Garnot, 1826a: 338 (nec Dumont, 1823) = *Todiramphus saurophagus saurophagus* (Gould, 1843).

Lectotype, RMNH.AVES.88546, adult male, mounted skin. Loc.: Dorey Bay, [Papua], [Indonesia], [26.vii-9.ix.1824]. Leg.: Voyage La Coquille.

Lesson and Garnot (1826a: 338) gave no indication of the number of specimens available to them. The listing as holotype by Van den Hoek Ostende *et al.* (1997: 183) is therefore an error but constitutes a lectotype designation. According to Lesson and Garnot (1826a: 338, 343) they encountered this species during their stay on the island Lambonne and near Port Praslin (New Ireland, Papua New Guinea. 12-20.viii.1823). Dorey (= Manokwari) is not mentioned as type locality and in the description of their stay at Manokwari no mention is made of this species (Lesson and Garnot, 1828). *La Coquille* stayed in Manokwari from 26 July - 9 September 1824.

***Alcedo tuta*** Gmelin, 1788: 453 = *Todiramphus tutus tutus* (Gmelin, 1788).

Possible lectotype, RMNH.AVES.204880, adult, sex unknown, relaxed mount. Loc.: Otaiti [= Tahiti], [French Polynesia]. Leg.: [J. Cook?]. Ex: Bullock Museum, 1819.

Possible paralectotype, RMNH.AVES.204878.

Gmelin formally described this new species based on the description by Latham (1782: 624) of specimens collected during the voyages of Captain Cook. Lysaght (1959) stated that a bird in the collection of the RMNH received through the auctions of the former Bullock Museum in 1819 is the type of *Todiramphus tutus*. RMNH.AVES.204878

dates to Cabinet Temminck (acquired between 1805 and 1807 and listed in the *Catalogue Systematique* of 1807) and has written “*Type*” on a label which was added later. RMNH.AVES.204880, however, is from the Bullock auction (lot 5, 19 May 1819) and labelled as “*Type*” by Finsch more than half a century later. However, a link to the voyage of Cook is not proven with either of these specimens. See the contradicting conclusions of Jansen and Van der Vliet (2015), Lee and Holyoak (2017) and Van der Vliet and Jansen (2017) on the presence of the species on Tahiti.

## Meropidae

***Meropogon forsteni*** "Temminck" Bonaparte, 1850a: 164 = *Meropogon forsteni* Bonaparte, 1850.

Lectotype, RMNH.AVES.88623, adult male, relaxed mount. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia], [15.iv.-xii], 1840. Leg.: E.A. Forsten.

Bonaparte gave no indication of the number of specimens available to him. Schlegel (1863p: 8) designated the lectotype, a fact overlooked by Van den Hoek Ostende *et al.* (1997: 188), who listed RMNH.AVES.88623 as holotype.

Forsten visited the Tondano area from 15 April 1840 - 19 June 1841.

***Merops hirundinaceus*** Vieillot, 1817c: 21.

***Merops tavra*** "Levaillant" Boie, 1828: 316.

***Merops taiva*** Cuvier, 1829: 271 = *Merops hirundineus hirundineus* A.A.H. Lichtenstein, 1793.

Syntype, RMNH.AVES.195239, adult, sex unknown, relaxed mount. Loc.: [Senegal]. Ex: Cabinet Temminck.

All three authors based their name on the description of *Le Guépier à queue fourchue* by Levaillant (1807: 35). Levaillant mentioned having collected 85 specimens.

***Merops variegatus*** Vieillot, 1817c: 25.

***Merops Sonninii*** "Levaillant" Boie, 1828: 316 = *Merops variegatus variegatus* Vieillot, 1817.

Lectotype of *variegatus*, syntype of *Sonninii*, RMNH.AVES.88622, adult, sex unknown, relaxed mount. Loc.: [Malimbe], [Angola]. Leg.: [Perrin]. Ex: Cabinet Temminck.

Vieillot gave no indication of the number of specimens available to him but described a male and female. Levaillant mentioned in his description of his *Guépier à collier gros blue* (1807: 34) that he had seen five specimens, among them one in the collection of Vieillot and one in Temminck's cabinet.

Van den Hoek Ostende *et al.* (1997: 188) erroneously listed RMNH.AVES.88622 as holotype for *variegatus*, thereby designating it lectotype.

***Merops amictus*** Temminck, 1824: livr. 52, pl. 310 = *Nyctyornis amictus* (Temminck, 1824).

Syntype, RMNH.AVES.88624, adult male, relaxed mount. Loc.: Padang, Sumatra, [Indonesia]. Leg.: [A.F.] van den Berg.

Temminck wrote having received two specimens from Van den Berg of which only one could be found in the RMNH.

According to the original description other syntypes are in the MNHN, but not listed in Voisin and Voisin (2008).

## PICIFORMES

### Bucconidae

***Bucco pulmentum*** Sclater, 1856a: 194 = *Bucco tamatia pulmentum* Sclater, PL, 1856.

Paralectotypes, RMNH.AVES.198437, 198439.

Sclater based his new species on a manuscript name by Bonaparte and Verreaux. Sclater (in Sclater and Shelly, 1891: 189) designated the lectotype.

***Monasa tenebrio*** Temminck, 1825: livr. 54, pl. 323, fig. 1 = *Chelidoptera tenebrosa tenebrosa* (Pallas, 1782).

Syntype, RMNH.AVES.198580, adult, sex unknown, mounted skin. Loc.: Cayenne.

Temminck gave no indication of specimens or their whereabouts. RMNH.AVES.198580 is marked on the stand with *Monasa tenebrio* in Temminck's hand (later overwritten with *C. tenebrosa*). We therefore consider it part of the type series.

***Monaca [sic] phaioleucos*** Temminck, 1825: pl. 323, fig. 2 = *Nonnula rubecula rubecula* (Spix, 1824).

Syntype, RMNH.AVES.88654, adult female, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.88655, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.198529, adult female, mounted skin. Loc.: Ypanema, Brazil. Leg.: J. Natterer. Ex: NMW 1863.

No livraison is mentioned, but according to Dickinson (2001: 47) pl. 323 was part of livr. 54. The specimen illustrated by Temminck is probably the female given above (RMNH.AVES.88654). It is not clear how many specimens were available to Temminck. Since the label of the male is similar to that of the female, we assume that both specimens arrived in the museum simultaneously.

According to Schifter *et al.* (2007: 256) the type material was probably collected by Natterer. Six possible syntypes are in the NMW (NMW 56329 - 56335).

***Nonnula rubecula tapanahoniensis*** Mees, 1968: 102 = *Nonnula rubecula tapanahoniensis* Mees, 1968.

Holotype, RMNH.AVES.38138, adult male, skin. Loc.: Paloemeu, Suriname, 19.xi.1965. Leg.: G.F. Mees, 28.iii.1966.

Paratypes, RMNH.AVES.38148 and 39194.

***Capito melanotis*** Temminck, 1821: livr. 16, pl. 94 = *Nystalus chacuru chacuru* (Vieillot, 1816).

Possible holotype, RMNH.AVES.88656, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 94 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of other specimens as syntypes for this name in Van den Hoek Ostende *et al.* (1997: 195) and type catalogues of the MfN and NMW is erroneous. Therefore, neither RMNH.AVES.88657 and 88658 nor ZMB 10323 and 15153 and NMW 57299 - 57305, NMW 57307 - 57308 have type status.

According to Temminck, the illustrated specimen is in the MNHN. However, according to Goffin (1863: 83), RMNH.AVES.88656 is the specimen illustrated on plate 94. Hence it is listed here as “possible holotype”. Indeed, it makes a perfect match with the specimen on plate 94 as also G.F. Mees concluded and stated on the label. We advise the MNHN to check their specimens as they might have a better claim.

***Bucco striolatus*** Pelzeln, 1856: 500 = *Nystalus striolatus striolatus* (Pelzeln, 1856).

Syntype, RMNH.AVES.88659, adult female, mounted skin. Loc.: [Engenho do Capitão Gama], [Mato Grosso], [Brazil], [03.viii.1826]. Leg.: [J. Natterer]. Ex: NMW, 1864.

This is one out of eight syntypes. Schifter *et al.* (2007: 254) listed five syntypes collected by Natterer in Engenho do Capitaio Gama in the NMW (NMW 40756 - 40758, NMW 57295 and 57296) and mentioned that according to Natterer’s handwritten record cards RMNH.AVES.88659 was collected by Natterer at the same location on 03.viii.1826.

## Megalaimidae

***Mycropogon fuliginosus*** Temminck, 1830: livr. 83 = *Caloramphus fuliginosus fuliginosus* (Temminck, 1830).

Syntype, RMNH.AVES.88660, adult male, mounted skin. Loc.: Borneo, [Indonesia]. Leg.: P.M. Diard.

Temminck described male(s) and female(s) but only RMNH.AVES.88660 could be found in the RMNH collection.

***Bucco armillaris*** Temminck, 1821: livr. 15, pl. 89, fig. 1 = *Psilopogon armillaris armillaris* (Temminck, 1821).

Holotype, RMNH.AVES.88662, adult male, relaxed mount. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on plate 89, fig. 1, as the text which appeared on 28 February 1824 is irrelevant regarding type status. Goffin (1863: 23) already referred to RMNH.AVES.88662 being the specimen on plate 89. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 196) or any other type catalogue is erroneous. The following specimens have therefore no

type status: NMW 65570 (Schifter *et al.*, 2007: 260) (arrived in March 1822 and other in April 1830); MLC.2011.0.1252 (Gouraud, 2015: 144) and MZUT Av1862 (Aimassi *et al.*, 2020: 87). One arrived in December 1823 in the MfN, one in Leuven in 1822.

The type locality was restricted to the Province of Batam, west Java (Chasen, 1935: 136). Reinwardt visited Java several times between April 1816 and March 1822.

***Bucco gularis*** "Reinwardt" Temminck, 1821: livr. 15, pl. 89, fig. 2.

***Bucco cyanocephalus*** Reinwardt, 1820: Bataviasche Courant, febr. 1820 (not seen) = *Psilopogon australis* (Horsfield, 1821).

Holotype, RMNH.AVES.88663, adult male, mounted skin. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on plate 89, fig. 2, as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 196) or any other type catalogue is erroneous. The following specimens have therefore no type status: RMNH.AVES.88664 (Van den Hoek Ostende *et al.*, 1997: 196) and MZUT Av14884 (Aimassi *et al.*, 2020: 87). One arrived in the MfN in December 1823.

Reinwardt visited Java several times between April 1816 and March 1822.

***Bucco chrysopogon*** Temminck, 1824: livr. 48, pl. 285 = *Psilopogon chrysopogon chrysopogon* (Temminck, 1824).

Syntype, RMNH.AVES.88665, adult male, relaxed mount. Loc.: Padang, Sumatra, [Indonesia]. Leg.: [A.F.] van den Berg.

Temminck listed three specimens: RMNH.AVES.88665 in the RMNH and two syntypes from Diard and Duvaucel in the MNHN. One was sent to the NMW in February 1833 (1833.VII.13).

***Megalaima chrysopsis*** Goffin, 1863: 15 = *Psilopogon chrysopogon chrysopsis* (Goffin, 1863).

Syntype, RMNH.AVES.88666, adult male, skin. Loc.: Borneo, [Indonesia], ix.1846. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88667, adult male, mounted skin. Loc.: Borneo, [Indonesia], [1843-1848]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88668, adult female, skin. Loc.: Borneo, [Indonesia], [1843-1848]. Leg.: C.A.L.M. Schwaner.

Syntype, RMNH.AVES.88669, adult female, skin. Loc.: Borneo, [Indonesia], [1843-1848]. Leg.: C.A.L.M. Schwaner.

Schwaner visited Borneo between 1843 -1848.

***Bucco corvinus*** Temminck, 1831: livr. 88, pl. 522 = *Psilopogon corvinus* (Temminck, 1831).

Syntype, RMNH.AVES.88670, adult male, mounted skin. Loc.: Java, [Indonesia], [vi.1826-ix.1827]. Leg.: H. Boie.

Syntype, RMNH.AVES.198919, adult male, mounted skin. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], viii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.198920, adult male, relaxed mount. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], viii.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.198921, adult, sex unknown, relaxed mount. Loc.: Mt. Salak, Java, [Indonesia], vi.1826. Leg.: H. Boie.

Syntype, RMNH.AVES.198922, adult female, relaxed mount. Loc.: Buitenzorg [= Bogor], Java, [Indonesia], xii.1826. Leg.: H. Boie.

Schifter *et al.* (2007: 259) listed a syntype in the NMW (NMW 65429). Aimassi *et al.* (2020: 87) listed two syntypes in MZUT (MZUT Av1858-1859). One was sent to the MfN in 1824, one to Leuven in August 1829.

Boie visited Java between June 1826 - September 1827.

***Bucco frontalis*** Temminck, 1831: livr. 88, text "Genre Barbu" = *Psilopogon duvaucelii duvaucelii* (Lesson, 1830).

According to the original description, type specimens are in the MNHN, NHM and RMNH. Schifter *et al.* (2007: 261) listed a syntype from Borneo in the NMW (NMW 65621) which arrived in February 1833 (1833.VII.10). No specimens from Sumatra are present in the RMNH which could be types.

***Bucco faiostratus*** Temminck, 1831: livr. 88, text "Genre Barbu".

***Bucco faiostrictus*** Temminck, 1832: livr. 89, pl. 527 = *Psilopogon faiostrictus faiostrictus* (Temminck, 1832).

Syntype, RMNH.AVES.88671, adult, sex unknown, relaxed mount. Loc.: Cochinchina [= Vietnam]. Leg.: P.M. Diard.

According to the original description other syntypes are in the MNHN.

No livraison number is given underneath the text. According to Dickinson (2001: 38) plate 527 was published in livraison 89 in 1832. Temminck's name *faiostratus* which was published one year earlier without description is considered a typing error for *faiostrictus*.

***Bucco aurifrons*** Temminck, 1831: livr. 88, text "Genre Barbu" = *Psilopogon flavifrons* (Cuvier, 1816).

Syntype, RMNH.AVES.88649, adult, sex unknown, relaxed mount. Loc.: Ceylon [= Sri Lanka]. Leg.: -

Temminck published this name first in the introduction to the genus *Bucco* as species no. 12. He referred to Levaillant's "Le Barbu à Front d'Or" (1806: II, pl. 55), which Temminck, in the text to *Bucco armillaris* (Temminck, 1821), considered to be an immature specimen of this latter species. In livraison 88, Temminck described it as a separate species.

According to the original description other syntypes are in the MNHN and in the collection of Levaillant.

***Bucco roseus*** Dumont, 1805: 52 = *Psilopogon haemacephalus roseus* (Dumont, 1805).

Holotype, RMNH.AVES.88672, adult, sex unknown, relaxed mount. Loc.: Java, [Indonesia]. Ex: Cabinet Temminck.



Dumont based his description on "Le Barbu Rose Gorge" by Levaillant (1806: pl. 33). Levaillant had seen this bird in the collection of Temminck. It is listed in his catalogue as a male from Java, no. 467 (Temminck 1807: 56). One specimen was sent to the NMW in 1821 (1821.LXXIII-47).

Dumont's name is frequently referred to as published in 1816, but Vol IV and V and a few copies of VI were published in 1805 and 1806 after which publication was suspended until 1816 when volumes were brought up to date by Supplements ([www.zoonomen.net](http://www.zoonomen.net)).

***Bucco henricii*** Temminck, 1831: livr. 88, pl. 524 = *Psilopogon henricii henricii* (Temminck, 1831).

Syntype, RMNH.AVES.88673, adult male, relaxed mount. Loc.: Padang, Sumatra, [Indonesia]. Leg.: A.H. Henrici.

One was sent to the MNHN in February 1843.

***Bucco Kotoreas*** "Temminck" Horsfield, 1824: general catalogue (no pagination) (*nomen novum*) = *Psilopogon javensis* (Horsfield, 1821).

Horsfield (1824) introduced *Kotoreas* as a *nomen novum* for *Bucco javensis* Horsfield, 1821. The type series for *kotoreas* is therefore the same as for *javensis*, then in the collection of the East India Company, now in the NHM (Warren, 1966: 147). His publication also predated *Bucco kotorea* Temminck, 1831 (text to genus Barbu), a fact overlooked by Aimassi *et al.* (2020: 87), who erroneously listed two syntypes for this name in the MZUT (MZUT Av1860-1861).

***Megalaimus hodgsoni*** Bonaparte, 1850a: 144 = *Psilopogon lineatus hodgsoni* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88679, adult, sex unknown, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson. Paralectotype, RMNH.AVES.88680.

Goffin (1863: 34) designated the lectotype.

***Bucco mystacophanos*** Temminck, 1824: livr. 53, pl. 315 = *Psilopogon mystacophanos mystacophanos* (Temminck, 1824).

Syntype, RMNH.AVES.88674, adult male, mounted skin. Loc.: Sumatra, [Indonesia]. Leg.: P.M. Diard. Syntype, RMNH.AVES.199171, adult male, relaxed mount. Loc.: Sumatra, [Indonesia]. Leg.: P.M. Diard.

According to the original description other syntypes collected by Diard and Duvaucel are in the MNHN. Schifter *et al.* (2007: 260) listed a possible syntype in the NMW (NMW 44795), but as no data link NMW 44795 to either Sumatra (type locality from original description) or Diard, its type status is doubtful.

***Megalæma nuchalis*** Gould, 1863: 283.

***Megalaima calauchenia*** Goffin, 1863: 94 = *Psilopogon nuchalis* (Gould, 1863).

Paralectotype for *nuchalis*, holotype for *calauchenia*, RMNH.AVES.88675, adult, sex unknown, mounted skin. Loc.: Formosa [= Taiwan], iv.1862. Leg.: R. Swinhoe, 1863.

Paralectotypes for *nuchalis*, RMNH.AVES.199468, 199470.

Holotype by monotypy for *calauchenia* as Goffin referred to RMNH.AVES.88675 only.

Shelley (in Sclater and Shelley, 1891: 75) designated the lectotype for *nuchalis* in the NHM (NHMUK 1889.2.1.10; Warren, 1966: 210).

***Bucco Oorti*** Müller, 1836: 341, pl. IV, fig. 4 = *Psilopogon oorti* (Müller, 1836).

Holotype, RMNH.AVES.88676, adult male, mounted skin. Loc.: Sumatra, [Indonesia], [vi.1833-vii.1834]. Leg.: S. Müller.

Holotype by monotypy. Müller wrote having collected a single male.

Not 1835 as in Peters's Checklist. The 1835 volume was published in 1836 (see Richmond, 1926: 141).

***Psilopogon pyrolophus*** Müller, 1836: 339, pl. IV, fig. 3 = *Psilopogon pyrolophus* Müller, 1836.

Syntype, RMNH.AVES.88687, adult male, mounted skin. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88688, adult female, mounted skin. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88689, adult, sex unknown, skeleton. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Syntype, RMNH.AVES.88690, adult, sex unknown, skeleton. Loc.: Sumatra, [Indonesia], [vi.1833-1835]. Leg.: S. Müller.

Schifter *et al.* (2007: 258) listed a possible syntype in the NMW (NMW 67124).

Not 1835 as in Peters's Checklist. The 1835 volume was published in 1836 (see Richmond, 1926: 141).

Müller visited West Sumatra from June 1833 until late 1835.

## Lybiidae

***Gymnobucco Peli*** Hartlaub, 1857: 175 = *Gymnobucco peli* Hartlaub, 1857.

Lectotype, RMNH.AVES.88661, adult male, relaxed mount. Loc.: Ashantee, Dabocrom, Ghana, 1841. Leg.: H.S. Pel.

The lectotype was selected by Mees (2003: 247) because the alleged type series was composed of two taxa, RMNH.AVES.89442 being *Gymnobucco calvus* (Lafresnaye, 1841). This was, however, unnecessary since Hartlaub based his description on Pel's specimen from Dabocrom and on a specimen in the MNHN collected by M. Aubry-Lecomte in Gabon. This excludes RMNH.AVES.89442, listed in Van den Hoek Ostende *et al.* (1997: 196) as syntype, from the type series as it is from Butre. The specimen in the MNHN was overlooked by Mees, who only referred to two syntypes in the RMNH.

***Pogonias Brucii*** Rüppell, 1837: 50, pl. 20, fig. 1 = *Lybius guifsobalito* Hermann, 1783.

Paralectotype, RMNH.AVES.90914.

The lectotype was designated by Steinbacher (1949: 108) and is in the SMF (SMF 12703). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 245).

According to the correspondence in the RMNH archives ('Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna' ['Birds offered from Abyssinia, depicted in my Abyssinia-Fauna']), the RMNH specimen was one of the birds Rüppell sold to the museum between September and October 1837.

***Pogonias personatus*** Temminck, 1823, livr. 34, pl. 201 = *Lybius torquatus torquatus* (Dumont, 1805).

Syntype, RMNH.AVES.200556, adult, sex unknown, relaxed mount. Loc.: South Africa. Leg.: -.

Temminck reported syntypes in the MNHN (Voisin and Voisin, 2009: 134; MNHN-ZO-2008-756) and RMNH. Goffin (1863: 5) listed RMNH.AVES.200558, collected by H.B. van Horstok, as the depicted specimen on plate 201. According to the label this specimen was received in 1833, so could not have been available at the time of description.

***Pogonias undatus*** Rüppell, 1837: 52, pl. 20 = *Lybius undatus undatus* (Rüppell, 1837).

Paralectotype, RMNH.AVES.90913.

The lectotype was designated by Steinbacher (1949: 109) and is in the SMF (SMF 12616). Paralectotypes are in the SMF and NHM (Steinheimer, 2005a: 245). According to Steinheimer (2005b: 181-182), the specimen in the NHM shows intermediate characters of *Lybius u. undatus* and *L. u. thiogaster* Neumann, 1903, whereas all other type specimens (including the lectotype) belong to the nominate race.

According to the correspondence in the RMNH archives ('Angebotene Vögel aus Abyssinien, abgebildet in meiner Abyssinia-Fauna' ['Birds offered from Abyssinia, depicted in my Abyssinia-Fauna']), the RMNH specimen was one of the birds Rüppell sold to the museum between September and October 1837.

***Pogonias rubescens*** Temminck, 1823: livr. 34, text "Genre Pogonias".

***Pogonias/Rubicon*** Cuvier, 1829: 457 = *Lybius vieilloti rubescens* (Temminck, 1823).

Syntype, RMNH.AVES.200526, adult male, mounted skin. Loc.: Senegal. Leg.: -.

Temminck (in the introduction to the genus) and Cuvier based their name on "Le Barbu Rubicon" by Levaillant (1807: 43, pl. D) who referred to three specimens in Cabinet Temminck, Dufresne's collection and the MNHN.

***Megalæma bilineata*** Sundevall, 1850: 109 = *Pogoniulus bilineatus bilineatus* (Sundevall, 1850).

Paralectotype, RMNH.AVES.200461.

Gyldenstolpe (1926: 78) selected the lectotype by listing an adult male (NRM 569758) in the NRM as type.

***Bucco chrysoconus*** Temminck, 1832: pl. 536, fig. 2 = *Pogoniulus chrysoconus chrysoconus* (Temminck, 1832).

Syntype, RMNH.AVES.88681, adult, sex unknown, relaxed mount. Loc.: Galam, Senegal. Leg.: -.

No livraison is mentioned in the text. According to Dickinson (2001: 47) plate 536 is part of livraison 90, which fits with *Bucco frontalis* Temminck, 1832.

According to the original description other syntypes are in the MNHN.

***Barbatula uropygialis*** Heuglin, 1862: 37 = *Pogoniulus chrysoconus chrysoconus* (Temminck, 1832).

Syntype, RMNH.AVES.200435, adult male, skin. Loc.: Bongo, [South Sudan], ix.1861. Leg.: T. von Heuglin.

***Bucco pusillus*** Dumont, 1805: 50.

***Bucco Rubrifrons*** Vieillot, 1816b: 497.

***Bucco Parvus*** Cuvier, 1817: 428.

***Bucco barbatula*** Temminck, 1831: livr. 88, text to "Genre Barbu" = *Pogoniulus pusillus pusillus* (Dumont, 1805).

Syntype, RMNH.AVES.88682, adult, sex unknown, relaxed mount. Loc.: "Pays de Caffres", [South Africa]. Leg.: ? F. Levaillant.

All authors based their description on Levaillant's "Barbion" (1806: 73, pl. 32). Levaillant brought 14 specimens to Europe, one of which he gave to Temminck (Rookmaaker, 1989: 256). This is probably the specimen listed here, according to Goffin (1863: 41) and the label which was added later. It is listed in Temminck's catalogue as no. 89 (Temminck 1807: 56).

Dumont's name is frequently referred to as published in 1816, but Vol. IV and V and a few copies of Vol. VI were published in 1805 and 1806 after which publication was suspended until 1816 when volumes were brought up to date by Supplements ([www.zoonomen.net](http://www.zoonomen.net)).

RMNH.AVES.88682 is also syntype for *Bucco minutus* Bonaparte, 1850.

***Bucco minutus*** Bonaparte, 1850a: 144 = *Pogoniulus pusillus pusillus* (Dumont, 1805).

Syntype, RMNH.AVES.88682, adult, sex unknown, relaxed mount. Loc.: "Pays de Caffres" [South Africa]. Leg.: ? F. Levaillant.

Syntype, RMNH.AVES.88683, adult, sex unknown, relaxed mount. Loc.: "Senegal" [= error]. Leg.: -

Syntype, RMNH.AVES.88684, adult, sex unknown, relaxed mount. Loc.: "Africa/Caffrerie" [South Africa]. Leg.: -.

Syntype, RMNH.AVES.200403, adult, sex unknown, relaxed mount. Loc.: "Caffrerie" [South Africa]. Leg.: H.B. van Horstok.

The locality Senegal for RMNH.AVES.88683 must be incorrect, since *P. pusillus* is an (South-)East African species. Bonaparte gave Sennaar and South Africa as type locality.

***Xylobucco scolopaceus*** "Temminck" Bonaparte, 1850a: 141 = *Pogoniulus scolopaceus scolopaceus* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88685, adult male, relaxed mount. Loc.: Ashantee, Dabocrom, Ghana, 1842.  
Leg.: H.S. Pel.  
Paralectotype, RMNH.AVES.88686.

Goffin (1863: 48) designated the lectotype.

***Megalaema leucotis*** Sundevall, 1850: 109 = *Stactolaema leucotis leucotis* (Sundevall, 1850).

Paralectotype, RMNH.AVES.200366.

Gyldenstolpe (1926: 78) selected the lectotype by listing an adult male (NRM 569757) in the NRM as type.

***Bucco margaritatus*** Cretzschmar, 1828: 30, pl. 20.

***Micropogon margaritaceus*** Temminck, 1838: tabl. meth. 55 = *Trachyphonus margaritatus margaritatus* (Cretzschmar, 1828).

Paralectotype for *margaritatus*, syntype for *margaritaceus*, RMNH.AVES.90910, adult male, mounted skin. Loc.: Sennaar, [Ethiopia]. Leg.: W.P.E.S. Rüppell.

Possible paralectotype for *margaritatus*, syntype for *margaritaceus*, RMNH.AVES.150507, adult male, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell.

Possible paralectotype for *margaritatus*, syntype for *margaritaceus*, RMNH.AVES.150508, adult female, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell.

The lectotype was designated by Steinbacher (1949: 109) and is in the SMF (SMF 12618). Paralectotypes are in the SMF and possibly in the NHM (Steinheimer, 2005a: 245). Schifter *et al.* (2007: 267) listed two paralectotypes in the NMW (NMW 24539 and 24540).

Besides RMNH.AVES.90910, the RMNH holds two specimens which according to Steinheimer (2005a: 244) could also belong to the type series, but final evidence is lacking.

***Capito Goffinii*** "Schlegel" Goffin, 1863: 72 = *Trachyphonus purpuratus goffinii* (Goffin, 1863).

Syntype, RMNH.AVES.88691, adult, sex unknown, relaxed mount. Loc.: Goudkust [= Ghana], iv.1860. Leg.: C.J.M. Nagtglas.

Syntype, RMNH.AVES.88692, adult, sex unknown, relaxed mount. Loc.: Goudkust [= Ghana], ix.1860. Leg.: C.J.M. Nagtglas.

Syntype, RMNH.AVES.88693, adult, sex unknown, relaxed mount. Loc.: Goudkust [= Ghana], vii.1861. Leg.: C.J.M. Nagtglas.

Peters (1948) mentioned Schlegel as author. However, the catalogue of the Buccones in the RMNH was not written by Schlegel but by Goffin, who published this manuscript name by Schlegel.

Schifter *et al.* (2007: 266) listed another syntype in the NMW (NMW 44820) which arrived there in 1863. This is incorrect, as the type series consists of the specimens listed by Goffin in the original description (all still present in the RMNH), not the specimens indicated by Schlegel's manuscript name.

***Trachyphonus lurpuratus* [sic]** Verreaux and Verreaux, 1851a: 260 = *Trachyphonus purpuratus purpuratus* Verreaux and Verreaux 1851.

Syntype, RMNH.AVES.200651, adult male, skin. Loc.: Gabon. Ex: Verreaux.

***Polysticte Quopopa*** Smith, 1836: 54 = *Trachyphonus vaillantii vaillantii* (Ranzani, 1821).

Syntype, RMNH.AVES.200667, adult male, relaxed mount. Loc.: Kurrichaine [= Enzelsberg], [South Africa], [12.viii.1834-ii.1836]. Leg.: A. Smith.

Syntype, RMNH.AVES.200668, adult male, relaxed mount. Loc.: Kurrichaine [= Enzelsberg], [South Africa], [12.viii.1834-ii.1836]. Leg.: A. Smith.

***Pogonias melanocephala*** Cretzschmar, 1829: 41, pl. 28a = *Tricholaema melanocephala melanocephala* (Cretzschmar, 1829).

Paralectotypes, RMNH.AVES.90911-90912.

The lectotype was designated by Steinbacher (1949: 109: 263) and is in the SMF (SMF 12619). Paralectotypes are in the SMF, the NHM (Steinheimer, 2005a: 244) and in the NMW (NMW 44830; Schifter *et al.*, 2007: 263). The birds were collected by W.P.E.S. Rüppell during his first collecting trip to Kordofan between 1823 and 1825 (see Steinheimer, 2005a: 244).

## Indicatoridae

***Indicator archipelagicus*** Temminck, 1832: livr. 91, pl. 542, fig.1 = *Indicator archipelagicus* Temminck, 1832.

Holotype, RMNH.AVES.88694, adult male, relaxed mount. Loc.: Pontianak, Borneo, [Indonesia], 1826. Leg.: P.M. Diard.

Holotype by monotypy. The original name was erroneously given as *archipelagus* in Van den Hoek Ostende *et al.* (1997: 200).

***Indicator major*** Stephens, 1815: 139 = *Indicator indicator* (Sparrman, 1777).

Syntype, RMNH.AVES.148252, adult, sex unknown, relaxed mount. Loc.: Cap, South Africa, [1781-1784]. Leg.: F. Levaillant. Ex: Cabinet Temminck.

Stephens based his name on "Le Grand Indicateur" by Levaillant (1807: 135-136, pl. 241; see Rookmaker, 1989). The specimen was listed by Temminck (1807: 57, no. 91).

***Indicator albirostris*** Temminck, 1825: livr. 62, pl. 367 = *Indicator indicator* (Sparrman, 1777).

Syntype, RMNH.AVES.88695, adult male, relaxed mount. Loc.: Senegal. Leg.: -.

Schlegel (1864b: 2) erroneously listed RMNH.AVES.200799 from South Africa as the depicted specimen on plate 367. According to the original description other syntypes are in the MNHN and MfN. A bird from *Terra caffrorum* was sent to the NMW in September 1833 (1833.IX.7).



***Indicator minimus*** "Vieillot" Temminck, 1832: livr. 91, pl. 542, fig. 1 = *Indicator minor minor* Stephens, 1815.

Possible lectotype, RMNH.AVES.200757, adult, sexe unknown, relaxed mount. Loc.: Cape [South Africa]. Leg.: -.

Temminck based this name on the description by Levaillant (1807: 137, pl. 242, not pl. 240 as stated by Temminck) but did not give any indication that specimens were available to him. According to Schlegel (1864b: 2) RMNH.AVES.200757 is the type of *minimus*. This is questionable as data is lacking with the specimen, but if correct constitutes a lectotype designation.

***Melignotheres pachyrhynchus*** Heuglin, 1864: 266 = *Indicator minor diadematus* Rüppell, 1837.

Holotype, RMNH.AVES.200759, adult, male, relaxed mount. Loc.: Bongo, [South Sudan], xi.1863. Leg.: Th. von Heuglin, 1865.

Holotype by monotypy. Heuglin described how he collected a single male near Bongo.

***Indicator Levaillantii*** Temminck, 1825: livr. 62, text to "Genre Indicateur" = *Indicator variegatus* Lesson, 1830.

Temminck based this name on the description by Levaillant (1806: 139) of a bird that was observed, but not collected. Schlegel (1864b: 2) erroneously listed two specimens (RMNH.AVES.200778-200779) as types of *Levaillantii*.

***Prodotiscus regulus*** Sundevall, 1850: 109 = *Prodotiscus regulus regulus* Sundevall, 1850.

Paralectotype, RMNH.AVES.88696.

Gyldenstolpe (1926: 79) selected the lectotype by listing an adult male (NRM 569751) in the NRM as type.

## Picidae

***Dryocopus percoccineus*** Bonaparte, 1850b: 134 = *Campephilus robustus* (Lichtenstein, 1819).

Syntype, RMNH.AVES.88731, adult female, mounted skin. Loc.: Buenos Aires, Argentina. Leg.: -.  
Syntype, RMNH.AVES.88732, adult male, mounted skin. Loc.: Buenos Aires, Argentina. Leg.: -.

***Picus balius*** Heuglin, 1871: 810 = *Campethera punctuligera balia* (Heuglin, 1871).

Heuglin referred to a specimen in Stuttgart, incorrectly referred to as holotype (SMNS-5396) on the website of the German GBIF portal, and an immature in Leiden, which is no longer present.

***Picus galeatus*** Temminck, 1822 (ex Natterer MS): livr. 29, pl. 171 = *Celeus galeatus*

(Temminck, 1822).

The holotype (by monotypy), a single male collected by Natterer in Ypanema, Brazil, is in the NMW (NMW 57892; see Schifter *et al.*, 2007: 293).

***Picus Sultaneus*** Hodgson, 1837d: 105. = *Chrysocolaptes guttacristatus sultaneus* (Hodgson, 1837).

Syntype, RMNH.AVES.205479, male, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Warren (1966: 287) listed two syntypes in the NHM (NHMUK 1880.1.1.94 and a female without a registration number).

***Dryotomus Flavigula*** Hodgson, 1837d: 106. = *Chrysophlegma flavinucha flavinucha* (Gould, 1834).

Syntype, RMNH.AVES.202323, male, mounted skin. Loc.: Nepal. Leg.: B.H. Hodgson.

Warren (1966: 98) listed two syntypes in the NHM (NHMUK 1843.1.13.939 and another without a registration number).

***Picus mentalis*** Temminck, 1826: livr. 65, pl. 384.

***Picus gularis*** Wagler, 1827: no 89 = *Chrysophlegma mentale mentale* (Temminck, 1826).

Syntype, RMNH.AVES.88741, immature male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.88742, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.88743, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

According to the original description other syntypes are in the MNHN.

Schifter *et al.* (2007: 291) listed two syntypes collected by Reinwardt on Java in the NMW (NMW 1379, NMW 37902). Both specimens (male and female) were received in exchange with the RMNH in 1823, three years prior to its description, and are not listed in the original description. They might therefore not be part of the type series. One specimen, a male, arrived in Berlin in December 1823.

*Picus gularis* Wagler, 1827 is based on the same series as *Picus mentalis* Temminck, 1826 and a female specimen in the MNHN.

***Chrysophlegma niasense*** Büttikofer, 1896c: 169 = *Chrysophlegma miniaceum niasense* Büttikofer, 1896.

Syntype, RMNH.AVES.88744, adult male, skin. Loc.: Hili Madjeio, Nias, [Indonesia], 16.xi.1895. Leg.: J.Z. Kannegieter.

Syntype, RMNH.AVES.88745, adult female, skin. Loc.: Hili Madjeio, Nias, [Indonesia], 17.xi.1895. Leg.: J.Z. Kannegieter.

Syntype, RMNH.AVES.88747, adult female, skin. Loc.: Hili Madjeio, Nias, [Indonesia], 29.xi.1895. Leg.: J.Z. Kannegieter.

Syntype, RMNH.AVES.88746, adult female, skin. Loc.: Gunung Sitolie, Nias, [Indonesia], 28.xii.1895. Leg.: J.Z. Kannegieter.

***Piculus rubiginosus fortirostris*** Mees, 1974: 57 = *Colaptes rubiginosus nigriceps* (Blake, 1941).

Holotype, RMNH.AVES.72619, adult male, skin. Loc.: Nassau Mountains, Suriname, 09.viii.1972. Leg.: G.F. Mees.  
Paratypes, RMNH.AVES.72620-72622.

***Piculus rubiginosus poliocephalus*** Mees, 1974: 56 = *Colaptes rubiginosus nigriceps* (Blake, 1941).

Holotype, RMNH.AVES.72616, adult male, skin. Loc.: Brownsberg, Suriname, 22.i.1972. Leg.: G.F. Mees.  
Paratypes, RMNH.AVES.72617-72618.

***Picus analis*** "Temminck" Bonaparte, 1850a: 137 = *Dendrocopos analis analis* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88706, adult male, relaxed mount. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

*Picus analis* was first published by Horsfield (1824: general catalogue) a *nomen novum* for *Picus minor* Linnaeus, 1758. Bonaparte based his description on specimens in the RMNH labelled by Temminck with *analis* and specimens listed as *minor* by Horsfield (1822: 177) in the East India Company Museum. Warren (1966: 13) listed three syntypes in the NHM which were received in 1860 from the Honourable East India Company Museum. Two birds labelled by Temminck as *Picus analis* arrived in the MfN in December 1823.

Van den Hoek Ostende *et al.* (1997: 201) erroneously listed RMNH.AVES.88706 as a holotype, hereby designating it the lectotype.

Kuhl and van Hasselt collected on Java from December 1820 - September 1821.

***Picus insularis*** Gould, 1863: 283 = *Dendrocopos leucotos insularis* (Gould, 1863).

Syntype, RMNH.AVES.204366, adult male, mounted skin. Loc.: North Formosa [= Taiwan], iv.1862. Leg.: R. Swinhoe, 1863.

Syntype, RMNH.AVES.204370, adult male, mounted skin. Loc.: Campa Hill, Formosa [= Taiwan], iii.1862. Leg.: R. Swinhoe. Ex: G.A. Frank, 1867.

Of the six specimens in the RMNH collected by Swinhoe in Taiwan only the above listed have a collecting date and are unquestionably collected before the publication. Warren (1966: 141) listed a single syntype in the NHM (NHMUK 1863.2.16.19).

***Picus Westermanni*** Blyth, 1870: 163 = *Dendrocopos macei westermanni* (Blyth, 1870).

Holotype, ZMA.AVES.1940, adult male, relaxed mount. Loc.: Himalayas. Ex: NAM.

***Picus melanauchen*** Heuglin, 1871: 808 = *Dendropicos abyssinicus* (Stanley, 1814).

Syntype, RMNH.AVES.90755, adult male, mounted skin. Loc.: Waggera, Haute Abyssinia, [Ethiopia], i.1862. Leg.: Heuglin, 1864.

Syntype, RMNH.AVES.90756, immature, sex unknown, mounted skin. Loc.: Waggera, [Ethiopia], i.1862. Leg.: Heuglin, 1864.

***Picus minutus*** Temminck, 1823: livr. 33, pl. 197, fig. 2.

***Dendropicos elachus*** Oberholser, 1919: 8 (*nomen novum*) = *Dendropicos elachus* Oberholser, 1919.

Syntype, RMNH.AVES.88709, adult male, mounted skin. Loc.: Senegal. Leg.: -.

Syntype, RMNH.AVES.88710, adult female, mounted skin. Loc.: Senegal. Leg.: -.

According to the original description other syntypes are in the MNHN.

Oberholser introduced *elachus* as a *nomen novum* for *Picus minutus* Temminck, 1823, preoccupied by *Picus minutus* Latham, 1790 (= *Picumnus spilogaster* Sundevall, 1866).

***Picus fulviscapus*** "Illiger" Lichtenstein, 1823: 11 = *Dendropicos fuscescens fuscescens* (Vieillot, 1818).

Syntype, RMNH.AVES.88711, adult male, mounted skin. Loc.: Cap, South Africa. Ex: MfN, M.H.C. Lichtenstein.

Syntype, RMNH.AVES.88712, adult female, mounted skin. Loc.: Cap, South Africa. Leg.: -.

Syntype, RMNH.AVES.90753, adult female, mounted skin. Loc.: -. Ex: MfN, M.H.C. Lichtenstein.

Lichtenstein based his name on the description of "Le Pic à baguettes d'or" in Temminck (1807: 212). Schifter *et al.* (2007: 300) listed two possible syntypes in the NMW (NMW 24.724 and 24.725).

***Picus fuscescens*** Vieillot, 1818c: 86 = *Dendropicos fuscescens fuscescens* (Vieillot, 1818).

Vieillot based his description on "Le Pic à baguettes d'or" by Levaillant (1808: 25). Temminck (1807: 65) listed under this vernacular name a specimen in his own collection, which is no longer present in the RMNH.

Lichtenstein based his name on the catalogue entry by Temminck (1807: 65).

***Dendrobates Gabonensis*** Verreaux and Verreaux, 1851b: 513. = *Dendropicos gabonensis gabonensis* (Verreaux and Verreaux, 1851).

Possible holotype, RMNH.AVES.204109, adult, sex unknown, mounted skin. Loc.: Gabon. Ex: Verreaux.

Verreaux and Verreaux based their description on a single male from Gabon. Unequivocal data is lacking to link RMNH.AVES.204109 to the description.

***Picus erithronothos*** Vieillot, 1818c: 73.

***Picus neglectus*** Wagler, 1827: no. 29 = *Dinopium psarodes* (Lichtenstein, 1793).

Holotype, RMNH.AVES.88713, adult, sex unknown, mounted skin. Loc.: Ceylon [= Sri Lanka]. Ex: Cabinet Temminck.

Holotype by monotypy. Temminck listed only a single male in his catalogue. Vieillot based his name on "Le pic à dos rouge" in the cabinet of Temminck (1807: 63, 212).

***Picus leucogaster*** Temminck, 1830: livr. 85, pl. 501 = *Dryocopus javensis javensis* (Horsfield, 1821).

Syntype, RMNH.AVES.203481, adult, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.203482, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.203483, adult male, sex unknown, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.203484, adult, female, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.254589, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.  
 Syntype, RMNH.AVES.255879, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Temminck did not give an indication in which collection(s) the specimens, both male and female from Java, were kept. All specimens above refer to the original description in Temminck's handwriting. Two arrived in the MfN in May 1827.

Reinwardt visited Java several times between April 1816 and March 1822. Kuhl and van Hasselt collected together on Java from December 1820 - September 1821.

***Picus concretus*** Temminck, 1821: livr. 15, pl. 90, fig. 1 and 2 = *Hemicircus concretus concretus* (Temminck, 1821).

Syntype, RMNH.AVES.88714, immature male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.88715, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the two specimens illustrated on plate 90, fig. 1 and 2, are the only two syntypes as the text which appeared on 28 February 1824 is irrelevant regarding type status. Any listing of other syntypes for this name in Van den Hoek Ostende *et al.* (1997: 202) or other type catalogues is erroneous. According to Temminck, the illustrated specimens were in the RMNH. The following specimens have no type status: RMNH.AVES.88716 (Van den Hoek Ostende *et al.*, 1997: 202), NMW 1568 and 44754 (Schifter *et al.*, 2007: 303) and MLC.2011.0.1337 (Gouraud, 2015: 144).

***Yunx japonica*** Bonaparte, 1850a: 112 = *Jynx torquilla chinensis* Hesse, 1911.

Lectotype, RMNH.AVES.88717, adult, sex unknown, mounted skin. Loc.: Japan. Leg.: -.

Bonaparte gave no indication of the number of specimens available to him. Van den Hoek Ostende *et al.* (1997: 202) erroneously listed RMNH.AVES.88717 as holotype, thereby designating it the lectotype.

***Picus poecilophos*** Temminck, 1823: livr. 33, pl. 197, fig. 1 = *Meiglyptes tristis tristis* (Horsfield, 1821).

Syntype, RMNH.AVES.88718, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.  
 Syntype, RMNH.AVES.88719, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

According to the original description other syntypes are in the MNHN and NMW (Schifter *et al.* 2007: 292; NMW 1460 and 44701).

***Picus melanopogon*** "Lichtenstein" Temminck, 1828: livr. 76, pl. 451 = *Melanerpes formicivorus formicivorus* (Swainson, 1827).

Syntype, RMNH.AVES.88720, adult male, mounted skin. Loc.: Mexico. Leg.: -.

Syntype, RMNH.AVES.88721, adult male, mounted skin. Loc.: Mexico. Leg.: -.

The original description is based on "a" male from Mexico received from Lichtenstein (MfN) in the RMNH. Temminck mentioned that the female is not yet known to him, but that specimens of both sexes can probably be found in the MfN where it was described under the name *Picus melampogon* Deppe, 1830, two years later.

***Picus larvatus*** Temminck, 1827: livre 73. text to pl. 433 = *Melanerpes radiolatus* (Wagler, 1827).

Syntype, RMNH.AVES.88722, adult male, skin. Loc.: Jamaica. Ex: Bullock Museum, 18.v.1819.

Syntype, RMNH.AVES.88723, adult male, skin. Loc.: Jamaica. Ex: Bullock Museum, 18.v.1819.

***Centurus canescens*** Salvin, 1889: 370 = *Melanerpes santacruzi canescens* (Salvin, 1889).

Syntype, RMNH.AVES.90975, adult male, skin. Loc.: Ruatan Island, Honduras, 1886. Leg.: G.F. Gaumer. Ex: O. Salvin, 1889.

Warren (1966: 50) listed several syntypes in the NHM (among others NHMUK 1898.3.14.358).

***Picus superciliaris*** Temminck, 1827: livr. 73, pl. 433 = *Melanerpes superciliaris superciliaris* (Temminck, 1827).

Lectotype, RMNH.AVES.88724, adult male, relaxed mount. Loc.: Cuba. Leg.: -.

The description gives no indication about the number of specimens. By listing it as holotype, Van den Hoek Ostende *et al.* (1997: 203) inadvertently designated RMNH.AVES.88724 the lectotype.

***Meiglyptes badius*** "Temminck" Bonaparte, 1850a: 113 = *Micropternus brachyurus badius* (Bonaparte, 1850).

Syntype, RMNH.AVES.88725, adult male, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88726, adult female, mounted skin. Loc.: Pontianak, Borneo, [Indonesia]. Leg.: P.M. Diard.

Syntype, RMNH.AVES.88727, adult female, mounted skin. Loc.: Borneo, [Indonesia]. Leg.: -.

***Picus pulverulentus*** Temminck, 1826: livr. 66, pl. 389 = *Mulleripicus pulverulentus pulverulentus* (Temminck, 1826).

Syntype, RMNH.AVES.88729, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.

Syntype, RMNH.AVES.88730, adult, sex unknown, skeleton. Loc.: Java, [Indonesia]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.203338, adult male, mounted skin. Loc.: Java, [Indonesia]. Leg.: -.



Schifter *et al.* (2007: 293) listed another syntype (NMW 1.579) from Banda [Bangka] received in exchange from the RMNH in 1823. However, since Temminck did not mention the NMW in the original description and referred only to specimens from Java and Sumatra in the RMNH, evidence is lacking whether this specimen belongs to the type series. One was sent to the MfN in May 1827.

***Hemilophus mülleri*** Bonaparte, 1850b: 131 = *Mulleripicus pulverulentus pulverulentus* (Temminck, 1826).

Lectotype, RMNH.AVES.88728, immature, mounted skin. Loc.: Borneo, [Indonesia]. Leg.: C.A.L.M. Schwaner.

The description gives no indication about the number of specimens. By listing it as holotype, Van den Hoek Ostende *et al.* (1997: 203) designated RMNH.AVES.88728 the lectotype.

***Picus aurulentus*** "Illiger" Temminck, 1821: livr. 10, pl. 59, fig. 1 = *Piculus aurulentus* (Temminck, 1821).

Holotype, RMNH.AVES.88733, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected the holotype based on plate 59, fig. 1, as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in Van den Hoek Ostende *et al.* (1997: 204) or any other type catalogue is erroneous. The following specimens have therefore no type status: RMNH.AVES.88734 (Van den Hoek Ostende *et al.*, 1997: 204), ZMB 214 and 10585 and NMW 32948, 44703 and 44704.

***Picumnus asterias*** Sundevall, 1866: 97 = *Picumnus albosquamatus guttifer* Sundevall, 1866.

Syntype, RMNH.AVES.88735, adult male, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.88736, adult female, mounted skin. Loc.: Brazil. Leg.: -.

According to Peters (1948: 96), who listed *P. asterias* Sundevall, 1866 as a distinct species, it was only known from the "unique type". However, Sundevall described a male and female (or immature) specimen in the RMNH. Later it was synonymized with *P. albosquamatus guttifer* Sundevall, 1866 (Short, 1982).

***Picumnus cirratus*** Temminck, 1825: livr. 62, pl. 371, fig. 1 = *Picumnus cirratus cirratus* Temminck, 1825.

Syntype, RMNH.AVES.88737, adult male, mounted skin. Loc.: Brazil. Leg.: -.

***Picumnus Temminckii*** Lafresnaye, 1845: 6 = *Picumnus temminckii* Lafresnaye, 1845.

Lafresnaye based his description on *Picumnus exilis* Lichtenstein as illustrated in Temminck (1825: pl. 371, fig. 2).

***Picus awokera*** Temminck, 1836: livr. 99, pl. 585 = *Picus awokera awokera* Temminck,

1836.

Syntype, RMNH.AVES.202200, adult, sex unknown [= male], mounted skin. Loc.: Japan. Leg.: H. Bürger.

Syntype, RMNH.AVES.202202, adult male, mounted skin. Loc.: Japan. Leg.: H. Bürger.

Temminck described male(s) and female(s) and illustrated a male. The plate was erroneously labelled “kizuki” instead of “awokera”. Schifter *et al.* (2007: 290) listed a syntype collected by Siebold in the NMW (NMW57688) which arrived there in 1841.

Three races are recognized by IOC 11.1, but variation might “reflect a cline of decreasing size and increasing plumage darkness from N to S and a division of geographical races seems unjustified”, subsequently treated as monotypic (Winkler and Christie, 2002: 541; del Hoyo, 2020: 338).

***Gecinus dedemi*** van Oort, 1911c: 59 = *Picus canus dedemi* (van Oort, 1911).

Holotype, RMNH.AVES.15058, adult male, skin. Loc.: Mt. Sibayak, [Sumatra], [Indonesia], 13.x.1909. Leg.: F.K. van Dedem.

***Gecinus tancolo*** Gould, 1863: 283 = *Picus canus tancolo* (Gould, 1863).

Syntype, RMNH.AVES.88739, adult male, mounted skin. Loc.: North Formosa [= Taiwan], iii.1862. Leg.: R. Swinhoe, 1863.

Syntype, RMNH.AVES.88740, adult female, mounted skin. Loc.: North Formosa [= Taiwan], iii.1862. Leg.: R. Swinhoe, 1863.

Warren (1866: 291) listed two syntypes in the NHM (NHMUK 1863.2.16.21 and another not specified).

***Gecinus Weberi*** A. Müller, 1882: 421 = *Picus viridanus* Blyth, 1843.

Syntype, RMNH.AVES.88748, adult male, mounted skin. Loc.: Salanga [= Phuket], Malacca [= Thailand]. Ex: Linnaea, vi.1886.

Syntype, RMNH.AVES.88749, adult female, mounted skin. Loc.: Salanga [= Phuket], Malacca [= Thailand]. Ex: Linnaea, vi.1886.

These are two out of a series of 20 syntypes. Deignan (1961: 213) listed two syntypes in the NMNH (USNM 112665, 112666). Warren (1966: 311) listed two syntypes in the NHM (NHMUK 1884.2.12.1 and another not specified).

***Picus dimidiatus*** Temminck, 1830: livr. 85, text to pl. 501 = *Picus vittatus* Vieillot, 1818.

Syntype, RMNH.AVES.202288, adult male, mounted skin. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.254468, adult male, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.255878, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Syntype, RMNH.AVES.256572, adult female, skeleton. Loc.: Java, [Indonesia], [1818-1826]. Leg.: C.L. Blume.

Syntype, RMNH.AVES.256919, adult female, skeleton. Loc.: Java, [Indonesia], [1818-1826]. Leg.: C.L. Blume.

Syntype, RMNH.AVES.257114, adult female, skull. Loc. Java, [Indonesia], [1818-1826]. Leg.: C.L.

Blume.

Syntype, RMNH.AVES.88750, immature male, mounted skin. Loc.: "Java". Leg.: -. (= *Picus xanthopygaeus* (Gray and Gray, 1847)).

Temminck referred to Java, Sumatra and the "Indian Continent" as collecting areas but gave no indication in which collection(s) he had seen the specimens. Schifter *et al.* (2007: 291) listed three syntypes from Java in the NMW (NMW 1308, 1309 and 1341). RMNH.AVES.88750 is also the syntype for *Gecinus xanthopygius* Bonaparte, 1850. A male and female were sent to the MfN in 1833.

Kuhl and van Hasselt collected together on Java from December 1820 - September 1821.

***Gecinus xanthopygius*** "Hodgson" Bonaparte, 1850a: 127 = *Picus xanthopygaeus* (Gray and Gray, 1847).

Lectotype, RMNH.AVES.88750, immature male, mounted skin. Loc.: "Java". Leg.: -.

Bonaparte (1850) listed this species as "*Gecinus xanthopygius* Hodgs.", using a different spelling than Hodgson did. By 1850, however, Hodgson's manuscript name had been validated by Gray and Gray (1847).

The locality Java is obviously in error, as the species does not occur there.

Bonaparte gave no indication of the number of specimens available to him. RMNH.AVES.88750 is the specimen referred to by Bonaparte as "dimidiatus, *jun. Mus. Lugd.*". The listing as holotype in Van den Hoek Ostende *et al.* (1997: 206) is an error, but constitutes a lectotype designation.

***Picus validus*** Temminck, 1825: livr. 64, pl. 378 (male), pl. 402 (female) = *Reinwardtipicus validus validus* (Temminck, 1825).

Syntype, RMNH.AVES.88697, adult male, relaxed mount. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.88698, adult male, relaxed mount. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.205437, adult female, relaxed mount. Loc.: Java, [Indonesia], [iv.1816-iii.1822]. Leg.: C.G.C. Reinwardt.

Syntype, RMNH.AVES.88699, adult, sex unknown, skeleton. Loc.: Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

According to the original description other syntypes are in the MNHN. Schifter *et al.* (2007: 304) listed two syntypes collected by Reinwardt on Java in the NMW (NMW 1556 and 1564).

Reinwardt visited Java several times between April 1816 and March 1822. Kuhl and van Hasselt collected together on Java from December 1820 - September 1821.

***Chrysocolaptes xanthopygius*** Finsch, 1905: 34 = *Reinwardtipicus validus xanthopygius* (Finsch, 1905).

Syntype, RMNH.AVES.88701, adult male, skin. Loc.: Blue River, Upper Mahakan, C. Borneo, [Indonesia], xi.1898. Leg.: A.W. Nieuwenhuis.

Syntype, RMNH.AVES.88702, adult female, skin. Loc.: Blue River, Upper Mahakan, C. Borneo, [Indonesia], xi.1898. Leg.: A.W. Nieuwenhuis.

Syntype, RMNH.AVES.205388, adult male, mounted skin. Loc.: Liang Kubung, C. Borneo, [Indonesia], 16.iv.1894. Leg.: J. Büttikofer.

Syntype, RMNH.AVES.205389, adult male, mounted skin. Loc.: Upper Kapuas, C. Borneo, [Indonesia], 01.xii.1893. Leg.: J. Büttikofer.

The description was based on five specimens, three males and two females. One female specimen is no longer in the RMNH. Finsch also referred to specimens listed by Büttikofer (1887: 18) and Hargitt (1890: 459) for *Xylolepus validus* and *Chrysocolaptes validus* respectively.

Skeletons RMNH.AVES.88699 and 88700 listed in Van der Hoek Ostende *et al.* (1997: 200) as syntypes are no longer considered part of the type series.

***Picumnus abnormis*** Temminck, 1825: livr. 62, pl. 371, fig. 3 = *Sasia abnormis abnormis* (Temminck, 1825).

Holotype, RMNH.AVES.88751, adult female, relaxed mount. Loc.: W. Java, [Indonesia], [xii.1820-ix.1821]. Leg.: H. Kuhl and J.C. van Hasselt.

Holotype by monotypy.

***Venilia albertuli*** Bonaparte, 1850a: 129 = *Veniliornis sanguineus* (Lichtenstein, 1793).

Syntype, RMNH.AVES.88752, adult female, mounted skin. Loc.: "Celebes" [= error]. Leg.: "E.A. Forsten" [= error].

Syntype, RMNH.AVES.88753, adult male, mounted skin. Loc.: "Celebes" [= error]. Leg.: "E.A. Forsten" [= error].

Bonaparte described this species based on an unspecified number of specimens from "Celebes" in the "NAM" which must be erroneous as *Veniliornis sanguineus* is only known from South America. RMNH.AVES.88752 and 88753 are the only two specimens in the RMNH collection with these locality data.

***Picus percussus*** Temminck, 1826: livr. 66, pl. 390, pl = *Xiphidiopicus percussus percussus* (Temminck, 1826).

Syntype, RMNH.AVES.88754, adult male, mounted skin. Loc.: Cuba, [1823-1824]. Leg.: E.F. Pöppig.

Syntype, RMNH.AVES.88755, adult female, mounted skin. Loc.: Cuba, [1823-1824]. Leg.: E.F. Pöppig.

The female was later depicted on pl. 424 (livr. 71: 1827). Both sexes are described in the text.

***Picus kaleënsis*** Swinhoe, 1863: 390 = *Yungipicus canicapillus kaleensis* (Swinhoe, 1863).

Syntype, RMNH.AVES.204735, adult female, mounted skin. Loc.: Formosa [= Taiwan], iv.1862. Leg.: R. Swinhoe, 1863.

Of the nine specimens in the RMNH collected by Swinhoe in Taiwan, the collecting date is only known for RMNH.AVES.204735 which is prior to the date of description.

***Picus kizuki*** Temminck, 1836: livr. 99, text to pl. 585 = *Yungipicus kizuki kizuki* (Temminck, 1836).

Syntype, RMNH.AVES.88703, adult female, mounted skin. Loc.: Japan. Leg.: -.

Syntype, RMNH.AVES.88704, adult male, mounted skin. Loc.: Japan. Leg.: -.  
Syntype, RMNH.AVES.88705, adult female, mounted skin. Loc.: Japan. Leg.: -.

No plate is mentioned in the original description, although the name is erroneously added under the illustration of *Picus awokera* (pl. 585). The year of publication of livraison 98 and 99 was corrected to 1836 by Dickinson (2001: 47), contra Sherborn, (1898: 488), who gave 1835 for both livraisons. Seebohm (1884) restricted the type locality to Kyushu (see Dekker *et al.* 2001: 207).

Schifter *et al.* (2007: 302) listed a syntype in the NMW (NMW 44761), collected by Siebold in Japan and received in 1841 in exchange with the RMNH.

***Picus Temminckii*** Malherbe, 1849: 529 = *Yungipicus temminckii* (Malherbe, 1849).

Holotype, RMNH.AVES.88708, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.

Holotype by monotypy. Malherbe based his description on a single female in the RMNH.

Forsten visited the area around Gorontalo from September 1841 - April 1842.

***Picus boie*** Temminck, 1829: livr. 80, pl. 473 = not applicable.

Holotype, RMNH.AVES.88738, adult, sex unknown, relaxed mount. Loc.: -. Ex: J. Raye van Breukelerwaert, 1827.

*Picus boie* is based on an artefact.

## FALCONIFORMES

### Falconidae

***Falco aterrimus*** Temminck, 1821: livr. 7, pl. 37 = *Daptrius ater* Vieillot, 1816.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 37 is the holotype as the text which appeared later is irrelevant regarding type status. Any listing of syntypes for this name in any type catalogue is erroneous. According to Temminck, the illustrated specimen is in the MNHN, where Voisin and Voisin (2002: 473-474) confirm the presence of MNHN 2001-398 said to be the specimen illustrated on plate 37 which should therefore be listed as holotype, not syntype. MNHN 2001-398 is also the holotype of *Daptrius ater* Vieillot, 1816 (Voisin and Voisin, 2002: 473).

***Daptrius niger*** “Vieillot” Temminck, 1823: livr. 7, text to plate 37 = *Daptrius ater* Vieillot, 1816.

Syntype, RMNH.AVES.90739, adult, sex unknown, mounted skin. Loc.: Suriname. Leg.: -.  
Syntype, RMNH.AVES.90740, adult, sex unknown, mounted skin. Loc.: Cayenne. Leg.: -.

In the text to plate 37, Temminck referred to a name supposedly given by Vieillot, *Daptrius niger*. Vieillot's use of “*Niger*” is, however, part of the description of the

plumage of the bird, not the introduction of a new name. The use as name by Temminck constitutes a valid publication of this name.

***Falco biarmicus*** Temminck, 1825: livr. 55, pl. 324 = *Falco biarmicus biarmicus* Temminck, 1825.

Syntype, RMNH.AVES.87268, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

According to the original description, other syntypes are in the MNHN but this is not confirmed by Voisin and Voisin (2002). Gouraud (2015: 145) referred to another syntype in the MLC (MLC.2011.0.395).

***Falco lanarius capensis*** Schlegel, 1862b: 16 = *Falco biarmicus biarmicus* Temminck, 1825.

Syntype, RMNH.AVES.87269, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: [H.B. van Horstok].

Syntype, RMNH.AVES.87270, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: -.

Syntype, RMNH.AVES.87271, adult female, mounted skin. Loc.: Grote Vischriever, [South Africa]. Leg.: J. Verreaux.

Syntype, RMNH.AVES.87268, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: [H.B. van Horstok].

RMNH.AVES.87268, in Van den Hoek Ostende *et al.* (1997: 42-43) erroneously given as RMNH.AVES.87272, is also syntype of *Falco biarmicus* Temminck, 1825.

***Falco Feldeggii*** Schlegel, 1843: 2, pl. 10 (ad. male) and 11 (imm. male) = *Falco biarmicus feldeggii* Schlegel, 1843.

Syntype, RMNH.AVES.87273, adult female, mounted skin. Loc.: Dalmatia, [Croatia]. Leg.: C.F.F. von Feldegg [1829].

Schlegel based his description on three specimens, collected by Feldegg in Dalmatia in 1829: an adult and an immature male in Feldegg’s private collection (now in the NMP; see Mlíkovský, 2005: 115-116) and a female which was sent by Feldegg to the RMNH. Furthermore, Schlegel mentioned a specimen in the Mainzer Museum, collected near Hainau, Germany. The whereabouts of this specimen are unknown.

Mlíkovský (2005: 115-116) selected the adult male as lectotype. However, his statement did not fulfill the requirements of the Code for lectotype designations after 1999 (Art. 74.7.3 ICZN, 1999 and Recommendation 74 G of ICZN Declaration 44, 2005). Neither using the wording as required by the Code nor giving any taxonomic purposes, this designation must be considered invalid. Consequently, all type specimens remain syntypes.

***Falco lanarius graecus*** Schlegel, 1862b: 6, 15 = *Falco biarmicus subsp.*

Syntype, RMNH.AVES.191799, adult male, mounted skin. Loc.: Greece. Ex: F. Schulz, Dresden. (= *Falco biarmicus feldeggii* Schlegel, 1843).

Syntype, RMNH.AVES.191800, female, mounted skin. Loc.: Greece. Ex: F. Schulz, Dresden. (= *Falco cherrug* Gray, 1834).

Syntype, RMNH.AVES.191801, adult male, mounted skin. Loc.: Cairo, Egypt. Ex: Parzudacki, 1860. (= *Falco biarmicus tanypterus* Schlegel, 1843).



Syntype, RMNH.AVES.191802, adult female, mounted skin. Loc.: Egypt. Ex: Ruhl, 1842. (= *Falco biarmicus feldeggii* Schlegel, 1843).

Syntype, RMNH.AVES.191803, adult male, mounted skin. Loc.: Egypt. Leg. T. von Heuglin, 1861. (= *Falco biarmicus tanypterus* Schlegel, 1843).

Syntype, RMNH.AVES.191804, [imm.] male, mounted skin. Loc.: Suez, Egypt. Ex: E. Parzudaki, 1860. (= *Falco biarmicus tanypterus* Schlegel, 1843).

Syntype, RMNH.AVES.191808, adult male, mounted skin. Loc.: Chartum, Sudan. Leg.: L.W. Ruysenaars, 1858. (= *Falco biarmicus tanypterus* Schlegel, 1843 or *F. b. abyssinicus* Neumann, 1904).

As Hartert (1915) already wrote, the type series of *Falco lanarius graecus* Schlegel, 1862, includes two subspecies: *Falco biarmicus feldeggii* Schlegel, 1843 and *F. b. tanypterus* Schlegel, 1843. However, we do not exclude RMNH.AVES.191808 to represent a third subspecies: *F. b. abyssinicus* Neumann, 1904.

We identified RMNH.AVES.191800 as a male (not female as on the label) *Falco cherrug* Gray, 1834, based on measurements, structure of wing, toes and claws and identification by ornithologist with field experience with the species in Eastern Europe. This makes the type series of *Falco lanarius graecus* Schlegel, 1862, a composite series of two species, including 2 or 3 subspecies of *F. biarmicus*. A lectotype selection is in place here for which we suggest to publish this appropriately at a later date and link the name *graecus* to Greece and hence select RMNH.AVES.191799 as lectotype making *Falco lanarius graecus* Schlegel, 1862, a senior synonym of *F. b. feldeggii* Schlegel, 1843.

***Falco tanypterus*** Schlegel, 1843: 2, pl. 12 and 13.

***Falco lanarius nubicus*** Schlegel, 1862b: 15 = *Falco biarmicus tanypterus* Schlegel, 1843.

Syntype, RMNH.AVES.87274, adult female, mounted skin. Loc.: Nubia. Leg.: W.F. Hemprich and C.G. Ehrenberg. Ex: MfN, 1863.

Syntype, RMNH.AVES.87275, adult female, mounted skin. Loc.: Nubia. Leg.: W.F. Hemprich and C.G. Ehrenberg.

Syntype, RMNH.AVES.87276, adult female, mounted skin. Loc.: Nubia. Leg.: W.F. Hemprich and C.G. Ehrenberg.

*Falco tanypterus* was described by Schlegel in 1843, not 1862 as mentioned in Van den Hoek Ostende *et al.* (1997: 43). Six syntypes collected in Nubia by Hemprich and Ehrenberg are in the MfN (ZMB 998-1003).

According to Neumann (1904: 370), ZMB 998 was depicted on pl. 12 and ZMB 1002 probably on plate 13. Schlegel (1862b: 16), however, stated that his cat. nr. 1 is the specimen on plate 12 and cat. nr. 2 is depicted on plate 13.

In his description of *Falco lanarius nubicus* Schlegel listed three specimens in the RMNH and referred to the specimens in Mainz and the MfN labelled *tanypterus*. So, these specimens in Mainz and MfN (ZMB 998-1003) are also part of the typeseries for *nubicus*. RMNH.AVES.87274, studied by Schlegel in the MfN, came to the RMNH in 1863. However, only the above listed three syntypes are still present in the RMNH: cat.1 from the 1862 catalogue (1862b: 15) is missing.

***Falco concolor*** Temminck, 1825: livr. 56, pl. 330 = *Falco concolor* Temminck, 1825.

Syntype, RMNH.AVES.87277, adult male, mounted skin. Loc.: Barakan, Red Sea. Leg.: W.P.E.S. Rüppell.

Syntype, RMNH.AVES.87278, adult female, mounted skin. Loc.: Barakan, Red Sea. Leg.: W.P.E.S. Rüppell.

According to the original description, other syntypes are in the MNHN and MfN. Voisin and Voisin (2002) do, however, not mention *concolor* syntype(s) in the MNHN.

***Falco Bosschii*** Schlegel, 1863m: 123, pl. 5 = *Falco cuvierii* Smith, 1830.

Holotype, RMNH.AVES.87279, adult, sex unknown, mounted skin. Loc.: [Elmina], Côte d'Or [= Ghana]. Leg.: C.J.M. Nagtglas, 1861.

Holotype by monotypy.

***Falco deiroleucus*** Temminck, 1825: livr. 59, pl. 348 = *Falco deiroleucus* Temminck, 1825.

According to the original description the holotype is in the MNHN, which is confirmed by Voisin and Voisin (2002: 478-479: MNHN 2001-401).

***Falco femoralis*** Temminck, 1822: livr. 21, pl. 121 = *Falco femoralis femoralis* Temminck, 1822.

Syntype, RMNH.AVES.87280, male, mounted skin. Loc.: Ytararé, Brazil, [7.iii.1821]. Leg.: J. Natterer.  
Syntype, RMNH.AVES.90744, male [= immature], mounted skin. Loc.: Ytararé, Brazil, [30.i.1821]. Leg.: J. Natterer.

Syntype, RMNH.AVES.90745, male, mounted skin. Loc.: Brazil. Leg.: J. Natterer.

Temminck published the description of *Falco femoralis* twice: in livr. 21, pl. 121, in 1822 and in livr. 58, pl. 343, in 1825 (Dickinson, 2001). Only the specimens available to Temminck in 1822 belong to the type series. According to Schlegel (1862b: 21), Temminck based his description on three males.

According to the original description, other type specimens are in the NMW. Schifter *et al.* (2007: 82) listed two syntypes (male and female) collected by Natterer in Ytararé and Ypanema (NMW 40344 and NMW 40345). However, Temminck explicitly wrote “La femelle n’a point encore été envoyée par les voyageurs viennois” [No females have yet been sent by the travellers from Vienna]. Hence, the female listed by Schifter in Vienna is not part of the type series.

Voisin and Voisin (2002: 480) mentioned a syntype in the MNHN (MNHN 2001-400). It was collected by A. Saint-Hilaire in August 1822 and refers to pl. 343 on its label (“type of plate”). As pl. 343 is not part of the original description (see previous paragraph) and because the original description in livr. 21, pl. 121, was published in April 1822 (Dickinson 2001: 46), four months before the MNHN specimen was collected, MNHN 2001-400 is not part of the type series.

***Falco religiosus*** Bonaparte, 1850: 25 = *Falco longipennis longipennis* Swainson, 1837.

Lectotype, RMNH.AVES.87281, adult [= immature] male, relaxed mount. Loc.: Ceram, [Indonesia], 1842. Leg.: E.A. Forsten.

Van den Hoek Ostende *et al.* (1997: 44) attributed this name to Sharpe (1874: 397). However, this manuscript name by Temminck was first published by Bonaparte in the synonymy of *Falco severus*. He considered this form a dark morph (“var. nigra”) of *severus*. As Bonaparte gave Ceram as locality, only RMNH.AVES.87281 is part of the

type series as no other specimens from Ceram from before 1850 are present in the RMNH.

Sharpe (1874: 398) referred to RMNH.AVES.87281 as "type of the species", hereby designating it the lectotype.

***Tinnunculus moluccensis orientalis*** Meyer and Wigglesworth, 1898: 79 (nec Brehm, 1851).

***Falco moluccensis bernsteini*** Stresemann, 1919: 8 (*nomen novum*) = *Falco moluccensis moluccensis* (Bonaparte, 1850).

Syntype, RMNH.AVES.87283, adult male, mounted skin. Loc.: Gilolo, Halmahera, [Indonesia]. Leg.: A.R. Wallace, 1860.

Syntype, RMNH.AVES.90984, adult female, mounted skin, Loc.: Ternate, [Indonesia]. Leg.: E.A. Forsten (no. 19).

Syntype, RMNH.AVES.90985, immature male, mounted skin. Loc.: Ternate, [Indonesia], 17.xii.1860. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90986, immature female, mounted skin. Loc.: Ternate, [Indonesia], 19.iv.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90987, immature male, mounted skin. Loc.: Galela, Halmahera, [Indonesia], 25.vii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90988, adult male, mounted skin. Loc.: Galela, Halmahera, [Indonesia], 17.vii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90989, adult female, mounted skin. Loc.: Galela, Halmahera, [Indonesia], 24.vii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90990, immature male, mounted skin. Loc.: Dodingo, Halmahera, [Indonesia], 19.iv.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90991, adult female, mounted skin. Loc.: Batjan, [Indonesia], i.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90992, adult male, mounted skin. Loc.: Ternate, [Indonesia], 12.x.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90993, immature male, mounted skin. Loc.: Mareh, [Indonesia], 11.ix.1863. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90994, immature male, mounted skin. Loc.: Tidore, [Indonesia], 01.iv.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.90995, adult male, mounted skin. Loc.: Morotai, [Indonesia], 21.ix.1861. Leg.: H.A. Bernstein.

In their description, Meyer and Wigglesworth refer to Schlegel (1866g: 47, plate 1, fig. 3). By doing so, they included all specimens from Halmahera and the surrounding islands Schlegel mentioned in his work.

Wallace visited Halmahera for the first time in February 1858 and made several subsequent visits. Forsten visited Ternate from 19 June 1841 - mid September 1841.

Stresemann introduced *Falco moluccensis bernsteini* as a *nomen novum* for *Tinnunculus moluccensis orientalis* Meyer and Wigglesworth, 1898, preoccupied by *Cerchneis orientalis* C.L. Brehm, 1851 (p. 75).

***Falco peregrinus harterti*** Buturlin, 1907: 99 = *Falco peregrinus japonensis* Gmelin, 1788.

Syntype, ZMA.AVES.43803, adult male, skin. Loc.: Alazeya Delta, [NE Siberia], [Russia], 21.vii.1905. Coll.: S.A. Buturlin. Ex: Snouckaert/van Marle (3803).

Syntype, ZMA.AVES.43804, adult female, skin. Loc.: Kolyma Delta, [NE Siberia], [Russia], vii.1905. Coll.: S.A. Buturlin. Ex: Snouckaert/van Marle (3804).

The name was based on a series of skins. Sudilovskaya (1962: 436) referred to a “type” from the Kolyma delta (ZMM R-5119, male, spring 1905) and a “cotype” from Abai (at 63°N on the Indigirka R.; ZMM R-6369, female, spring 1905), both collected by Buturlin. According to Roselaar and Prins (2000: 99) this constituted a lectotype selection. However, in using the term “type” and “cotype” (= syntype) Sudilovskaya only listed two specimens with equal type status (ICZN 73.2.1.) and failed to unambiguously select a particular syntype as lectotype (ICZN 74.5).

***Falco minor*** Bonaparte, 1850a: 23 = *Falco peregrinus minor* Bonaparte, 1850.

Syntype, RMNH.AVES.87285, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87286, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87287, adult male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87288, adult female, mounted skin. Loc.: “Cap”, [South Africa], 19.iv.1828. Leg.: H.B. van Horstok.

Syntype, RMNH.AVES.87289, immature male, mounted skin. Loc.: “Cap”, [South Africa]. Leg.: H.B. van Horstok.

RMNH.AVES.87285 was later labelled “male”. There remains some doubt whether all specimens belong to the same race.

***Falco pelegrinoides*** Temminck, 1829: livr. 81, pl. 479 = *Falco peregrinus pelegrinoides* Temminck, 1829.

Syntype, RMNH.AVES.87284, adult male, mounted skin. Loc.: Dongola, Nubia, [Sudan]. Leg.: [Rüppell].

In the original description, Temminck referred to specimens reported by Rüppell from Nubia and in the RMNH from Baie d'Algoa. These South African specimens are no longer in the RMNH. According to Schlegel (1862b: 6) RMNH.AVES.87284 is the depicted specimen on plate 479.

***Falco punctatus*** “Cuvier” Temminck, 1821: livr. 8, pl. 45 = *Falco punctatus* Temminck, 1821.

Possible holotype, RMNH.AVES.87290, adult male, mounted skin. Loc.: Mauritius. Ex: MNHN.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) the specimen illustrated on plate 45 is the holotype as the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the MNHN. However, RMNH.AVES.87290, erroneously listed as syntype in Van den Hoek Ostende *et al.* (1997: 45), seems to fit plate 45 better than the two “syntypes” in the MNHN based on online digital photos (MNHN 2001-388 and 2001-389: Voisin and Voisin 2002: 479), hence it has been listed here as “possible holotype” until proven otherwise. RMNH.AVES.87290 has been donated by the MNHN to the RMNH at an unknown date and might have been part of the MNHN collection when the plate was prepared in 1821.

***Falco smithii*** Schlegel, 1873a: 43. (*nomen novum*) = *Falco rupicoloides rupicoloides* A. Smith, 1829.

Schlegel introduced *smithii* as an unnecessary *nomen novum*. Sharpe (1874: 432) claimed the type (adult female. Loc.: South Africa) to be in the South African Museum. Warren (1966: 256) listed BMNH 1843.2.28.85 (adult female. Loc.: South Africa. Leg.: A. Smith) as “? Holotype”.

***Falco gyrfalco groenlandicus*** Schlegel, 1862b: 13.

***Falco holbælli*** Sharpe, 1873: 415 = *Falco rusticolus* Linnaeus, 1758.

Syntype, RMNH.AVES.192229, adult male, mounted skin. Loc.: Godthaab, Greenland. Ex: R. Conradsen, 1859.

Syntype, RMNH.AVES.192230, adult male, mounted skin. Loc.: Godthaab, Greenland. Ex: Herrnhutters, 1858.

Syntype, RMNH.AVES.192238, adult male, mounted skin. Loc.: Godthaab, Greenland. Ex: Herrnhutters, 1858.

Syntype, RMNH.AVES.192239, immature male, mounted skin. Loc.: Juliaanshaab, Greenland. Leg.: -, winter 1858-1859. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192240, immature male, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192241, immature male, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen. 1859-1860.

Syntype, RMNH.AVES.192242, immature female, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192243, immature female, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192244, juvenile female, mounted skin. Loc.: Greenland. Leg.: C.P. Hollböll.

Syntype, RMNH.AVES.192245, adult female, mounted skin. Loc.: Godthaab, Greenland. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192246, adult female, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen, 1859-1860.

Syntype, RMNH.AVES.192247, immature female, mounted skin. Loc.: Juliaanshaab, Greenland. Ex: R. Conradsen, 1859-1860.

The labels of the specimens received from Conradsen give 1859 while on the stand 1860 is given as date. Probably all these Conradsen specimens were collected in the winter of 1859-1860. Only in case of RMNH.AVES.192229 this date is given on the stand of the specimen.

Van den Hoek Ostende *et al.* (1997: 45) selected the wrong specimens as types, probably due to mix up of the old catalogue numbers.

Sharpe (1873) introduced *Falco holbælli* to clarify the nomenclature of the Greenland Gyrfalcons. In his opinion there are two taxa in Greenland: *candicans* and a Greenland form of the Islandic Gyrfalcon *islandus*. Earlier Hollböll (1854) described a form of Greenland Gyrfalcon as *Falco arcticus*. Sharpe identified this form as similar to *islandus* and included it and *Falco gyrfalco groenlandicus* Schlegel, 1862 in *Falco holbælli*. A syntype for *Falco holbælli* is in the NHM (NHMUK 1872.11.8.13; Warren, 1966: 129).

***Falco gyrfalco norwegicus*** Schlegel, 1862b: 12 = *Falco rusticolus* Linnaeus, 1758.

Syntype, RMNH.AVES.87303, adult female, mounted skin. Loc.: Plateau de Dorrefield, Norway, 1842. Ex: Prins Alexander van Oranje-Nassau.

Syntype, RMNH.AVES.87304, immature female, mounted skin. Loc.: Plateau de Dorrefield, Norway, ix.1842. Ex: Prins Alexander van Oranje-Nassau.



Syntype, RMNH.AVES.87305, immature female, mounted skin. Loc.: Plateau de Dorrefield, Norway, ix.1842. Ex: Prins Alexander van Oranje-Nassau.

Syntype, RMNH.AVES.87306, immature male, mounted skin. Loc.: Bergen, Norway. Leg.: Hög, 1848.

Syntype, RMNH.AVES.87307, immature male, mounted skin. Loc.: Noordwijk, The Netherlands, 16.x.1849. Leg.: F.A. Verster van Wulverhorst.

RMNH.AVES.87303-87305 were caught for the falconry of H.R.H. Prince W. Alexander C.H.F. van Oranje-Nassau.

***Falco aldrovandii*** Temminck, 1822: livr. 22, pl. 128 = *Falco severus* Horsfield, 1821.

Syntype, RMNH.AVES.87308, adult female, mounted skin. Loc.: Java, [Indonesia]. Leg.: C.G.C. Reinwardt.

Temminck mentioned having two specimens: only RMNH.AVES.87308 is now present in the RMNH. The other specimen was sent to the MfN in May 1827.

***Falco tinnunculus japonicus*** Temminck and Schlegel, 1844: p. 2, pl. 1.

***Cerchneis tinnunculus manchuricus*** Stuart Baker, 1930: vol. 7, (2nd ed.): 403 (*nomen novum*) = *Falco tinnunculus interstinctus* McClelland, 1840.

Syntype, RMNH.AVES.87310, adult female [immature male], mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87311, adult male [immature female], mounted skin. Loc.: Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87312, adult male, mounted skin. Loc.: Nagasaki, Japan. Leg.: Ph.F.B. von Siebold.

Syntype, RMNH.AVES.87313, immature female, mounted skin. Loc.: Nagasaki, Japan. Leg.: Ph.F.B. von Siebold.

RMNH.AVES.87310 is not an adult female as written under the stand, but an immature male. RMNH.AVES.87311 is not an adult male as written under the stand and on the label, but an immature female. According to Schlegel (1862b: 27) RMNH.AVES.87310 is the depicted specimen on plate 1.

Temminck and Schlegel (1844: 2-4) described this species on the basis of young females, an adult female and an adult male which agrees with the number and composition of the type series.

*Cerchneis tinnunculus manchuricus* Stuart Baker, 1930, is a *nomen novum* for *Falco tinnunculus japonicus* Temminck and Schlegel, 1844, and thus relates to the same type specimens.

See also Dekker *et al.* (2001) and Morioka *et al.* (2005).

***Falco neglectus*** Schlegel, 1873a: 43 = *Falco tinnunculus neglectus* Schlegel, 1873.

Holotype, RMNH.AVES.87309, adult female, mounted skin. Loc.: St. Vincent, [Cape Verde], i.1865. Leg.: J.G. Keulemans.

Holotype by monotypy. Schlegel only listed the above-mentioned specimen.

***Astur mirandollei*** Schlegel, 1862c: 27 = *Micrastur mirandollei* (Schlegel, 1862).

Holotype, RMNH.AVES.87314, adult female, skin. Loc.: Suriname. Leg.: Mirandolle.



Holotype by monotypy. Schlegel (1862c: 27) only listed RMNH.AVES.87314 as type. Although Schlegel referred to his 1863e publication as the original description, this article in *Nederlandsch Tijdschrift voor Dierkunde* was published after Schlegel (1862c).

***Micrastur macrorhynchus*** von Pelzeln, 1865: 11 = *Micrastur mirandollei* (Schlegel, 1862).

Syntype, RMNH.AVES.87315, adult female, skin. Loc.: Barra do Rio Negro [= Manaus], Brazil, 4.x.1830. Leg.: J. Natterer. Ex: NMW, 1862.

According to Schifter *et al.* (2007: 80) the original description was based on three specimens, two of which are in the NMW (NMW 31853 and 39969). The third specimen, a female collected by Natterer on the 4.x.1830, now in the RMNH was sent in exchange in 1862 (but in 1864 according to Schlegel, 1873a: 68).

***Falco xanthothorax*** Temminck, 1821: livr. 16, pl. 92 = *Micrastur gilvicollis* (Vieillot, 1817).

Holotype, RMNH.AVES.87316, adult male, mounted skin. Loc.: Cayenne. Leg.: -.

Following Dickinson *et al.* (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected RMNH.AVES.87316 as holotype based on plate 92 as the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the RMNH. Van den Hoek Ostende *et al.* (1997: 47) listed this specimen erroneously as syntype. Schifter *et al.* (2007: 79) erroneously listed four specimens collected by Natterer in Ypanema and Mattodentro in the NMW (NMW 40.002 - 40.005) as syntypes. For the same reason, five specimens in the MfN (ZMB 885-888, ZMB 890, Brazil, leg.: Sellow) should no longer be considered syntypes.

The identification of RMNH.AVES.87316 as *Micrastur gilvicollis* (Vieillot, 1817) has been confirmed by G.F. Mees. See also Ferguson-Lees and Christie (2001: 815).

***Falco leucauchen*** Temminck, 1824: livr. 52, pl. 306 = *Micrastur ruficollis ruficollis* (Vieillot, 1817).

Syntype, RMNH.AVES.90743, adult female, mounted skin. Loc.: Brazil, [1817-1822]. Leg.: Natterer.  
Syntype, RMNH.AVES.193032, adult male, mounted skin. Loc.: Brazil, [1817-1822]. Leg.: Natterer.

According to the original description, other syntypes collected by Natterer are in the museums in the MNHN and NMW. Voisin and Voisin (2002: 476) listed two syntypes collected by A.F.C.P. Saint-Hilaire in Brazil in the MNHN (MNHN C.G. 2001-393 and 2001-394). A third specimen (MNHN C.G. 2001-409) collected by L.C. de S. de Freycinet during the expedition of the L’Uranie in Brazil (1820) was probably not part of the type series since Temminck mentioned only specimens collected by A. Saint-Hilaire (Voisin and Voisin, 2002: 476). Schifter *et al.* (2007: 79-80) mentioned that it could not yet unambiguously be decided which syntypes of *xanthothorax* might also belong to the type series of the name *leucauchen*. However, the type specimens fit the description of *leucauchen* (see above).

Schlegel (1862c: 51) stated that RMNH.AVES.90743 is the depicted specimen on plate 306.

***Falco brachypterus*** Temminck, 1822: livr. 20, pl. 116 = *Micrastur semitorquatus semitorquatus* (Vieillot, 1817).

Holotype, RMNH.AVES.87317, immature male, mounted skin. Loc.: Brazil. Leg.: J. Natterer.

Following Dickinson et al. (2022) (see also introduction of this catalogue under “what is new in this 2022 version”: 14) we have selected RMNH.AVES.87317 as holotype based on plate 116 which was published in March 1822. Van den Hoek Ostende *et al.* (1997: 47) listed this specimen erroneously as syntype. The text which appeared in August 1822, five months after plate 116, is irrelevant regarding type status.

An adult male which is depicted on plate 141 in livraison 24 is in the NMW (NMW 39971; Schifter *et al.*, 2007: 81). However, plate 141 appeared in July 1822, four months after plate 116 (March 1822). The specimen illustrated on plate 141 has therefore no type status.

## PSITTACIFORMES

### Cacatuidae

***Lophochroa Leari*** Finsch, 1863: xxiii = *Cacatua ducorpsii* Pucheran, 1853.

Holotype, ZMA.AVES.143, sex unknown, skin. Loc.: -. Ex: NAM, died in or before 1871.

Holotype by monotypy. Finsch based this taxon on a single live bird in the NAM which became part of the collection of the ZMA (Roselaar and Prins, 2000: 103) and entered the RMNH after the merger with the ZMA in 2010.

***Lophochroa Goffini*** Finsch, 1863: xxiii.

***Cacatua tanimberensis*** Roselaar and Prins, 2000: 104 = *Cacatua ducorpsii* Pucheran, 1853.

Syntype, ZMA.AVES.141, adult female, skin. Loc.: -. Ex: NAM, died in or before 1871.

Syntype, ZMA.AVES.142, adult, sex unknown, skin. Loc.: -. Ex: NAM, died in or before 1871.

Junior synonym of *Cacatua ducorpsii* Pucheran, 1853.

Van den Hoek Ostende *et al.* (1997: 108) erroneously listed RMNH.AVES.87994 (adult female, mounted skin, Loc.:., Ex: Rotterdam Zoo, 08.ix.1864) as syntype of *Lophochroa Goffini* Finsch, 1863. However, Finsch based this taxon on two live birds in the NAM which became part of the collection of the ZMA (Roselaar and Prins, 2000: 104) and entered the RMNH after the merger with the ZMA in 2010.

***Cacatua eleonora*** Finsch, 1863: xxi = *Cacatua galerita eleonora* Finsch, 1863.

Holotype, RMNH.AVES.87980, adult female, mounted skin. Loc.: “Aru”?, [Indonesia]. Ex: NAM, 17.iii.1863.

Holotype by monotypy.

***Kakatoë galerita aruensis*** Mathews, 1917: 187 = *Cacatua galerita eleonora* Finsch, 1863.

Syntype, RMNH.AVES.87981, adult female, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 15.iii.1864. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87982, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 17.iv.1864. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87983, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 15.v.1864. Leg.: D.S. Hoedt.  
 Syntype, RMNH.AVES.87984, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 26.i.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87985, adult female, mounted skin. Loc.: Wokam, Aru Isl., [Indonesia], 01.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87986, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 02.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87987, adult female, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 02.ii.1865. Leg.: C.B.H. von Rosenberg, 1866.  
 Syntype, RMNH.AVES.87988, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 04.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87989, adult male, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 06.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87990, adult female, mounted skin. Loc.: Wammer, Aru Isl., [Indonesia], 07.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87991, adult male, mounted skin. Loc.: Wammer, Aru Isl. [Indonesia], 10.ii.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.87992, adult female, mounted skin. Loc.: Trangan, Aru Isl. [Indonesia], 07.vii.1865. Leg.: C.B.H. von Rosenberg.

Mathews based his description on Van Oort (1909a: 70), who referred to 12 specimens in the collection of the RMNH from the Aru Islands which are consistently smaller, with wing lengths between 260-290 mm, compared to *Cacatua galerita macrolophus*.

***Cacatua triton*** Temminck, 1849: 405 = *Cacatua galerita triton* Temminck, 1849.

Lectotype, RMNH.AVES.87993, adult female, mounted skin. Loc.: Aiduma Island, [Papua], [Indonesia], vii 1828]. Leg.: S. Müller.

Schlegel (1864c: 14) designated the lectotype.

The stand of RMNH.AVES.87993 refers specifically to July (“vii”). Müller visited Aiduma Island between 4 July - 29 August 1828 as part of the Triton expedition.

***Cacatua goffiniana*** Roselaar and Michels, 2004: 186 = *Cacatua goffiniana* Roselaar and Michels, 2004.

Holotype, RMNH.AVES.90750 (formerly RMNH.AVES.6620), adult female, skin. Loc.: Saumlaki, Tanimbar, [Indonesia], 22.iv.1923. Leg.: P.F. Kopstein.  
 Paratype, RMNH.AVES.90751.

Until the publication by Roselaar and Prins (2000), *Lophochroa goffini* Finsch, 1863, was applied to birds from Tanimbar, but the type series represent in fact *Cacatua ducorpsii* Pucheran, 1853 from the Solomon Islands. Finding the Tanimbar Corella nameless, Roselaar and Prins (2000: 104) proposed a substitute name for this taxon, *Cacatua tanimberensis* *nom. nov.*, and designated RMNH.AVES.87994 as the

holotype. However, according to Art. 72.7 of “the Code” (ICZN, 1999) a replacement name is an objective synonym of the older name and regardless of any additions or restrictions, both names have the same name-bearing type specimens. Roselaar and Michels (2004) recognized and corrected this by describing the Tanimbar Corella under the new name *C. goffiniana* based on newly selected specimens.

***Cacatua pastinator transfreta*** Mees, 1982: 79 = *Cacatua sanguinea transfreta* Mees, 1982.

Holotype, RMNH.AVES.42449, adult male, skin. Loc.: Noordpolder, Koerik, [Papua], [Indonesia], 30.vii.1959. Leg.: A. Hoogerwerf, 1960.  
Paratypes, RMNH.AVES.42445-42448.

***Plyctolophus parvulus*** Bonaparte, 1850b: 139 = *Cacatua sulphurea parvula* (Bonaparte, 1850).

Lectotype, RMNH.AVES.87995, adult female, mounted skin. Loc.: Sema, Timor, [Indonesia], [x.1828-xii.1829]. Leg.: S. Müller.

Bonaparte gave no indication of the number of specimens available to him, so the listing of RMNH.AVES.87995 as holotype by Van den Hoek Ostende *et al.* (1997: 121) is erroneous, but constitutes a lectotype designation. Schlegel (1864c: 137) mentioned a specific specimen (cat. 5, collected by Muller on Sema) which was viewed by Bonaparte and used for the species description.

Müller visited Timor during the Triton expedition from October 1828 until December 1829.

***Cacatua aequatorialis*** Temminck, 1849: 405 = *Cacatua sulphurea sulphurea* (Gmelin, 1788).

Syntype, RMNH.AVES.87996, adult male, mounted skin. Loc.: Tomini, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.87997, adult female, mounted skin. Loc.: Tomini, Celebes [= Sulawesi], [Indonesia], [ix.1841-iv.1842]. Leg.: E.A. Forsten.

Van den Hoek Ostende (1997: 118) gave Tomoni [sic] as collecting locality, which is an error for Tomini (see Schlegel, 1864c: 140). Forsten visited this area between September 1841 - April 1842.

***Psittacus nasicus*** Temminck, 1821b: 115 = *Cacatua tenuirostris* (Kuhl, 1820).

This species was described based on a single specimen collected by Brown in Port Philippe, south coast New Holland (Temminck, 1821b: 116) which is in the NHM (NHMUK 1863.7.6.3) and listed by Warren (1966: 199) as the holotype.

See Schodde and Mason (1997: 97) for reference to *Psittacus nasicus* Temminck and Schodde *et al.* (2010) for nomenclatural issues involved.

***Psittacus Lathamii*** Temminck, 1807: 21.

***Psittacus Temminckii*** Kuhl, 1820b: 89.

***Psittacus Solandri*** Temminck, 1821b: 113 = *Calyptorhynchus lathamii lathamii* (Temminck, 1807).

Holotype for *Lathamii*, lectotype for *Solandri*, syntype for *Temminckii*, RMNH.AVES.87940, adult male, mounted skin. Loc.: Australia. Ex: Cabinet Temminck.

Jansen (2018: 406) suggested the area near Port Jackson, Botany Bay, New South Wales, as the collecting area, where C.A. Lesueur collected it between 22 August and 13 November 1801.

See Schodde and Bock (1994) for conservation of the name *P. lathamii* Temminck, 1807 and suppression of *P. magnificus* Shaw in Shaw and Nodder (1790).

Stresemann (1953a: 327) unnecessarily designated the lectotype for *P. Lathamii*, which is a holotype by monotypy. Schlegel (1864c: 153) designated the lectotype of *P. Solandri*.

Schifter *et al.* (2007: 167) stated that two specimens in the NMW collection (NMW 50.025 and 50.027) are syntypes of *P. lathamii* Temminck, 1807. However, these specimens are listed by Latham (1790: 107) as "[*Psittacus*] *Banksii* β", not "*Banksii* γ" = *Lathamii* Temminck, 1807.

***Cacatua intermedia*** Schlegel, 1861: 186 = *Probosciger aterrimus aterrimus* (Gmelin, 1788).

Schlegel (1861) referred to specimens collected by Wallace on the Aru Islands. The RMNH has no specimens in the collection.

***Psittacus Goliath*** Kuhl, 1820b: 92 = *Probosciger aterrimus goliath* (Kuhl, 1820).

Syntype, RMNH.AVES.88081, adult, sex unknown, mounted skin. Loc.: New Guinea. Ex: Cabinet Temminck.

***Psittacus alcato*** Temminck, 1828b: 74.

***Ara alecto*** Temminck, 1835b: 17 (amended) = *Probosciger aterrimus goliath* (Kuhl, 1820).

Holotype, RMNH.AVES.88065, adult, sex unknown, skin. Loc.: -. Leg.: -.

Usually Temminck (1835b: 17) is given as reference for this name. However, Temminck already described it in 1828, when he named it *Psittacus alcato*, which he amended in *Ara alecto* in 1835.

***Probosciger aterrimus oorti*** Mathews, 1916: 94 = *Probosciger aterrimus goliath* (Kuhl, 1820).

Syntype, RMNH.AVES.88066, adult female, skin. Loc.: Noordrivier, [Papua], [Indonesia], 18.v.1907. Leg.: Dutch New Guinea Expedition, 1907.

Syntype, RMNH.AVES.88067, adult female, skin. Loc.: Van Weels Kamp, [Papua], [Indonesia], 03.vi.1907. Leg.: Dutch New Guinea Expedition, 1907.

Syntype, RMNH.AVES.88068, adult female, skin. Loc.: Sabang, [Papua], [Indonesia], 20.vii.1907. Leg.: Dutch New Guinea Expedition, 1907.

Syntype, RMNH.AVES.88069, adult female, skin. Loc.: Alkmaar, [Papua], [Indonesia], 12.viii.1907. Leg.: Dutch New Guinea Expedition, 1907.

Mathews based his description on Van Oort (1909a: 70), who referred to four specimens in the collection of the RMNH. All other specimens listed by Van den Hoek Ostende *et al.* (1997: 131) are not part of the type series.

***Microglossus aterrimus stenolophus*** van Oort, 1911a: 240 = *Probosciger aterrimus stenolophus* (van Oort, 1911).

Syntype, RMNH.AVES.88082 (1609), adult male, skin. Loc.: Humboldt Bay, [Papua], [Indonesia], 23.iii.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.88083 (1609), adult female, skin. Loc.: Sentani Lake [Papua], [Indonesia], 28.vi.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

### **Psittacidae Rafinesque, 1815**

***Psittacus roseicollis*** Vieillot, 1818b: 377 = *Agapornis roseicollis roseicollis* (Vieillot, 1818).

Lectotype, RMNH.AVES.87925, adult, sex unknown, relaxed mount. Loc.: “Pays des Grandes Namaquois”, [South Africa]. Leg.: ? F. Levaillant. Ex: Cabinet Temminck.

Vieillot did not mention any specimens. Van den Hoek Ostende *et al.* (1997: 97) listed RMNH.AVES.87925 as holotype, which is a lectotype designation.

***Psittacus pretrei*** Temminck, 1830: livr. 83, pl. 492 = *Amazona pretrei* (Temminck, 1830).

Lectotype, RMNH.AVES.87929, adult, sex unknown, mounted skin. Loc.: Mexico, changed to Uruguay. Leg.: -.

Temminck doubted “Mexico” as the provenance of this specimen. This species originates from southern Brazil. The description gives neither indication about the number of specimens nor the whereabouts. Van den Hoek Ostende *et al.* (1997: 115) listed it as holotype, which constitutes a lectotype designation.

***Chrysotis rhodocorytha*** Salvadori, 1890: 369 = *Amazona rhodocorytha* (Salvadori, 1890).

Syntype, RMNH.AVES.87928, adult, sex unknown, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

Salvadori introduced *Chrysotis rhodocorytha* as a new name for specimens of *Psittacus Dufresneanus* in Kuhl, 1820 from Brazil.

***Psittacus auricapillus*** Kuhl, 1820b: 20 = *Aratinga auricapillus auricapillus* (Kuhl, 1820).

Syntype, RMNH.AVES.87934, adult, sex unknown, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.  
Syntype, RMNH.AVES.87935, adult, sex unknown, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

***Psittaculus chrysosema*** "Natterer" Schlegel, 1864c: 28 = *Brotogeris chrysoptera chrysosema* (Sclater, 1864).

Holotype, RMNH.AVES.87939, adult female, mounted skin. Loc.: Brazil, 01.x.1829. Leg.: J. Natterer. Ex: NMW, 1864.



According to Pelzeln (1871: 261), Natterer collected 10 specimens on the Rio Madeira, Cachoeira das Pederneiras, in October 1829.

***Sittace cyanoptera*** "Natterer" Pelzeln, 1870: 260 = *Brotogeris cyanoptera cyanoptera* (Pelzeln, 1870).

Syntype, RMNH.AVES.90996, adult male, mounted skin. Loc.: Rio Vaupé [= Rio Uapés], [Brazil], 03.vii.1831. Leg.: J. Natterer. Ex: NMW, 1864.

Syntype, RMNH.AVES.90997, adult female, mounted skin. Loc.: Rio Vaupé [= Rio Uapés], [Brazil], 14.vii.1831. Leg.: J. Natterer. Ex: NMW, 1864.

The type series comprises all specimens available to Pelzeln at that time. Although not mentioned in Schifter *et al.* (2007), four syntypes collected by Natterer near Rio Içanná and Vaupé are in the NMW (NMW 41019 - 41021, NMW 84968). According to Natterer's handwritten register cards other syntypes went to the RMNH (see specimens listed here), to Hartlaub (male, Rio Vaupé, 14.vi.1831) and Salvin (female, Rio Vaupé, 1831).

The name *cyanoptera* has long been credited to Salvadori (1891), see e.g. Peters (1937: 207). However, it was already brought into use by Pelzeln (1870: 260). Although listed in the synonymy of *Brotogerys jugularis* (Deville, 1851), *cyanoptera* was later treated as an available name and by this became available. It dates from its first publication as a synonym (ICZN, 1999, Art. 11.6.1.). It was originally described under the name *Conurus jugularis* Delville, 1851. However, *jugularis* is preoccupied by *Psittacus jugularis* Müller, 1776 and so is *Sittace devillei* GR Gray, 1870, a new name for *jugularis* Delville, 1851. Next available name is *Sittace cyanoptera* Pelzeln, 1870.

***Psittacus viridissimus*** Kuhl, 1820b: 25 = *Brotogeris tirica* (Gmelin, 1788).

Lectotype, RMNH.AVES.90905, adult, sex unknown, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

Schlegel (1864c: 14) designated the lectotype.

***Conurus ocularis*** Sclater and Salvin, 1865: 367 = *Eupsittula pertinax ocularis* (Sclater and Salvin, 1865).

Van den Hoek Ostende *et al.* (1997: 116) erroneously listed RMNH.AVES.87937 as syntype. Syntypes are in the NHM (Warren, 1966: 213).

***Conurus xanthogenius*** Bonaparte, 1850b: 132 = *Eupsittula pertinax xanthogenia* (Bonaparte, 1850).

Lectotype, RMNH.AVES.87938, adult, sex unknown, skin. Loc.: [Bonaire], [Antilles], South America. Ex: Cabinet Temminck.

Although Bonaparte (1850) gave no reference to specimens, we follow Schlegel (1864c: 18) who listed RMNH.AVES.87938 as the type, thus designating it the lectotype.

According to Bonaparte this species is from the interior of Brazil, probably an erroneous interpretation of "South America" as on the stand.

***Psittacula cyanochlora*** "Natterer" Schlegel, 1864c: 31 = *Forpus passerinus cyanochlorus* (Schlegel, 1864).

Syntype, RMNH.AVES.87960, adult female, mounted skin. Loc.: Forte de São Joaquim do Rio Branco, Brazil, 25.v.1822. Leg.: J. Natterer. Ex: NMW, 1864.

Syntype, RMNH.AVES.87961, adult, sex unknown, mounted skin. Loc.: Forte de São Joaquim do Rio Branco, Brazil, 28.xii.1831. Leg.: J. Natterer. Ex: NMW, 1864.

***Psittacus brachyurus*** "Temminck" Kuhl, 1820b: 72 = *Graydidascalus brachyurus* (Temminck and Kuhl, 1820).

Lectotype, RMNH.AVES.87978, adult, sex unknown, mounted skin. Loc.: [Cayenne]. Ex: Cabinet Temminck.

This publication has been authored by Kuhl, not Temminck and Kuhl as indicated by the IOC. See also *Psittacus brachyurus* Kuhl, 1820. Kuhl gave no indication of the number of specimens he had seen, so the listing of RMNH.AVES.87978 as holotype by Van den Hoek Ostende *et al.* (1997: 123) is erroneous but constitutes a lectotype designation.

According to Kuhl this species occurs in Cayenne.

***Brotogerys panychlorus*** Salvin and Godman, 1883: 211 = *Nannopsittaca panychlora* (Salvin and Godman, 1883).

Possible syntype, RMNH.AVES.88029, adult female, mounted skin. Loc.: Roraima, British Guyana, 17.xii.1881. Leg.: H.W[ithely]. Ex: G.A. Frank, ii.1883.

Possible syntype, RMNH.AVES.88030, adult male, mounted skin. Loc.: British Guyana. Ex: G.A. Frank, ix.1883.

RMNH.AVES.88029 gives "H.W." as collector and on the stand is written: "*Psittacus* n. sp.". Whitely is not mentioned on the stand of RMNH.AVES.88030, but it says: "*Brotogerys panychlorus* n. sp. Salvin". Whitely travelled and collected in and near Roraima late 1881. Unknown is from which source Frank acquired these specimens and whether they have been seen by Salvin and Godman. Hence we refer to them here as possible syntypes.

Other syntypes are in the NHM (Warren, 1966: 220).

***Psittacus leucogaster*** "Illiger" Kuhl, 1820b: 70 = *Pionites leucogaster leucogaster* (Kuhl, 1820).

Syntype, RMNH.AVES.88056, adult, sex unknown, mounted skin. Loc.: Cayenne. Ex: Cabinet Temminck.

One was sent to the MfN in December 1818.

***Psittacus mitratus*** Wied, 1820: 260 = *Pionopsitta pileata* (Scopoli, 1769).

Syntype, RMNH.AVES.88057, adult male, mounted skin. Loc.: [Morro d'Arara], Brazil, [1815-1817]. Leg.: A.P.M. zu Wied-Neuwied.

Syntype, RMNH.AVES.88058, adult female, mounted skin. Loc.: [Morro d'Arara], Brazil, [1815-1817]. Leg.: A.P.M. zu Wied-Neuwied.

According to Greenway (1973: 86) two other syntypes are in the AMNH (AMNH 6316-6317).

***Psittacus Maximiliani*** Kuhl, 1820b: 72 = *Pionus maximiliani maximiliani* (Kuhl, 1820).

Syntype, RMNH.AVES.88059, adult, sex unknown, mounted skin. Loc.: Guyana. Ex: Cabinet Temminck.

According to Kuhl, other syntypes are in the MNHN, MfN and in Wied's private collection.

***Psittacus flavirostris*** Spix, 1824: 42, pl. 31, fig. 2. = *Pionus maximiliani maximiliani* (Kuhl, 1820).

Possible syntype, RMNH.AVES.209232, adult male, mounted skin. Loc.: [Piauhy, Maitaca], Brazil [1817-1820]. Leg.: J.B. von Spix.

This could also be a syntype of *Psittacus maximiliani* Kuhl, 1820 (see entry above) if already in Temminck's cabinet prior to 1820. Because of a lack of information, we do not list this specimen as such.

***Pionus flavifrons*** Rüppell, 1842: 126 = *Poicephalus flavifrons* (Rüppell, 1842).

Possible syntype, RMNH.AVES.90929, adult, sex unknown, mounted skin. Loc.: Shoa, Abyssinia. Leg.: W.P.E.S. Rüppell.

Steinheimer (2005a: 242) listed the specimen in the RMNH as an arguable syntype. Another syntype is in the NHM (Warren 1966: 98; NHMUK 1845.6.2.6) and in the SMF. See Steinheimer (2005a: 242) for correction of the publication date and treatment of the lectotype designation by Steinbacher (1949: 119), which was incorrect and should be neglected.

***Pionias citrinocapillus*** Finsch, 1868: 484 = *Poicephalus flavifrons* (Rüppell, 1842).

Syntype, RMNH.AVES.88061, adult male, mounted skin. Loc.: Takapé [= Tekezé River], Abyssinie [Ethiopia], 04.i.1862. Leg.: Th. von Heuglin.

***Psittacus Meyeri*** Cretzschmar, 1827: 18, pl. 11 = *Poicephalus meyeri meyeri* (Cretzschmar, 1827).

Possible syntype, RMNH.AVES.150537, adult male, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell

Possible syntype, RMNH.AVES.150538, adult female, mounted skin. Loc.: Abyssinia. Leg.: W.P.E.S. Rüppell.

Steinheimer (2005a: 242) listed both as possible syntypes.

***Poiocephalus Versteri*** "Goffin" Finsch, 1863: xvi = *Poicephalus senegalus versteri* Finsch, 1863.

Holotype, RMNH.AVES.88062, adult male, mounted skin. Loc.: [Guinea], West-Afrika. Ex: NAM, 01.vii.1864.

Holotype by monotypy. Finsch based this taxon on a single living bird in the zoological garden of NAM.

***Sittace primoli*** Bonaparte, 1853: 807 = *Primolius auricollis* (Cassin, 1853).

Lectotype, RMNH.AVES.87931, adult, sex unknown, mounted skin. Loc.: Bolivia. Leg.: A. d'Orbigny.

Bonaparte based his description on specimens in the collections in the MNHN and RMNH. Schlegel (1864c: 7) designated the lectotype. The syntype (MNHN C.G. 1846-717) listed by Voisin and Voisin (2008a: 474) becomes therefore a paralectotype.

***Psittacus Illigeri*** "Temminck" Kuhl, 1820: 19 = *Primolius maracana* (Vieillot, 1816).

Syntype, RMNH.AVES.87932, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

Syntype, RMNH.AVES.87933, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: -.

***Arara aymara*** d'Orbigny, 1841: 376.

***Psittacus murinoides*** "Temminck" Schlegel, 1864c: 16.

***Psittacus aguava*** Schlegel, 1864a: 81. = *Psilopsiagon aymara* (d'Orbigny, 1839) (= error for 1841).

Syntype for *aymara* and *aguava*, holotype for *murinoides*, RMNH.AVES.87930, adult, sex unknown, mounted skin. Loc.: Chile, changed to Bolivia. Leg.: A. d'Orbigny.

Two other syntypes collected by d'Orbigny in Bolivia are in the MNHN (MNHN 2004-111, 2004-112, Voisin and Voisin, 2008a: 476).

Bonaparte (1854e: 150) published Temminck's manuscript name *Psittacus murinoides* as a *nomen nudum*, as did later Gray (1859: 43). Schlegel (1864c: 16) listed *murinoides* in the synonymy of *aymara* d'Orbigny, 1839. *Psittacus murinoides* is therefore not an available name.

Dickinson (2019) corrected the year of publication from 1839 to 1841.

***Conurus holochlorus*** Sclater, 1859: 224 = *Psittacara holochlorus* (Sclater, 1859).

Syntype, RMNH.AVES.87936, adult, sex unknown, mounted skin. Loc.: Jalapa, Mexico. Leg.: [R. Montes d'Oca]. Ex: P.L. Sclater, 1864.

This is one of four syntypes, Warren (1966: 130) listed a syntype in the NHM (NHMUK 1890.6.1.1935).

***Psittacus vulturinus*** "Illiger" Kuhl, 1820b: 62 = *Pyrilia vulturina* (Kuhl, 1820).

Syntype, RMNH.AVES.87979, adult male, mounted skin. Loc.: South Brazil. Leg.: -.

A specimen was sent by Temminck to the MNHN in May 1844.

***Psittacus cruentatus*** Wied, 1820: 70 = *Pyrrhura cruentata* (Wied, 1820).

Lectotype, RMNH.AVES.88093, adult, sex unknown, mounted skin. Loc.: Brazil. Leg.: A.P.M. zu Wied-Neuwied.

RMNH.AVES.88094 listed in Hoek Ostende *et al.* (1997: 133) as syntype is no longer considered a type due to lack of information about the collector. Schlegel (1864c: 23) designated the lectotype. Another paralectotype is in the MLC (MLC.2011.0.1195). No type was found in the AMNH (Allen 1889: 263).

***Conurus hoffmanni*** Cabanis, 1861: 6 = *Pyrrhura hoffmanni hoffmanni* (Cabanis, 1861).

Syntype, RMNH.AVES.88095, adult, sex unknown, mounted skin. Loc.: Costa Rica. Ex: MfN, 1864.

***Psittacus leucotis*** "Lichtenstein" Kuhl, 1820b: 21.

***Psittacus lepidus*** "Illiger" Kuhl, 1820b: 21 = *Pyrrhura leucotis* (Kuhl, 1820).

Syntype, RMNH.AVES.88096, adult, sex unknown, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

Kuhl published *lepidus* in the synonymy of his *Psittacus leucotis*. One was exchanged with the MfN in July 1818.

***Conurus phoenicurus*** "Natterer" Schlegel, 1864c: 26 = *Pyrrhura molinae phoenicura* (Schlegel, 1864).

Syntype, RMNH.AVES.88097, adult female, mounted skin. Loc.: [Jauru], Brazil, 03.vii.1826. Leg.: J. Natterer. Ex: NMW, 1864.

Syntype, RMNH.AVES.88098, adult male, mounted skin. Loc.: Mato Grosso, Brazil, x.1825. Leg.: J. Natterer. Ex: NMW, 1864.

RMNH.AVES.88097 is one of the eight specimens Natterer received from captain Peixoto collected on the road from Registro do Jauro to Matogrosso in July 1826 (Pelzeln, 1870: 260).

***Conurus rhodogaster*** "Natterer" Schlegel, 1864: 27 = *Pyrrhura perlata* (Spix, 1824).

Holotype, RMNH.AVES.88099, adult female, mounted skin. Loc.: [Borba], Brazil, 09.xii.1829. Leg.: J. Natterer. Ex: NMW.

Holotype by monotypy.

***Psittacus micropterus*** Kuhl, 1820b: 67 = *Touit batavicus* (Boddaert, 1783).

According to Schlegel (1864c: 69) a specimen in the RMNH (RMNH.AVES.209010) is the type for *P. micropterus* Kuhl, 1820. However, Kuhl based his description on plate 41 in Sonnerat and did not refer to any specimen(s) or collection(s).

***Psittacus huetii*** Temminck, 1830: livr. 83, pl. 491 = *Touit huetii* (Temminck, 1830).

Lectotype, RMNH.AVES.88113, adult, sex unknown, mounted skin. Loc.: Peru. Leg.: -.

Schlegel (1864c: 69) designated the lectotype. The description gives neither indication about the number of type specimens nor about their whereabouts.

***Psittacus surdus*** Kuhl, 1820b: 59.

*Psittacus ochrurus* "Prins Maximil." [= Wied] Kuhl, 1820b: 59 = *Touit surdus* (Kuhl, 1820).

Syntype, RMNH.AVES.88114, adult male, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.  
Syntype, RMNH.AVES.88115, adult female, mounted skin. Loc.: Brazil. Ex: Cabinet Temminck.

Kuhl published *ochrurus* in the synonymy of his *Psittacus surdus*.

## Psittaculidae

*Psittacus (Platycercus) hypophonius* Müller, 1843: 181 = *Alisterus amboinensis hypophonius* (Müller, 1843).

Syntype, RMNH.AVES.87926, adult male, skin. Loc.: Dodingo, Halmahera, [Indonesia]. Leg.: E.A. Forsten.  
Syntype, RMNH.AVES.87927, adult male, skin. Loc.: Dodingo, Halmahera, [Indonesia]. Leg.: E.A. Forsten.

During a forced stay due to illness on Ternate from 19 June 1841 till mid September 1841, Forsten sent his hunters to Halmahera to collect skins.

*Chalcopsitta spectabilis* van Oort, 1908b: 127 = *Chalcopsitta atra insignis* Oustalet, 1878.

Holotype, RMNH.AVES.87941, adult male, skin. Loc.: Mamberamo, [Papua], [Indonesia], 13.iii.1876. Leg.: L. Laglaize. Ex: A.A. Bruijn, 1878.

Holotype by monotypy.

*Psittacus sintillatus* Temminck, 1835: livr. 96, pl. 569 = *Chalcopsitta scintillata scintillata* (Temminck, 1835).

Lectotype, RMNH.AVES.87942, immature, relaxed mount. Loc.: Lobo Bay, [Papua], [Indonesia], [vii-viii.1828]. Leg.: S. Müller.

Schlegel (1864c: 122) designated the lectotype.

*Charmosyna Stellae* A.B. Meyer in: Finsch and Meyer, 1886: 1, pl. 2 = *Charmosyna papou stellae* A.B. Meyer, 1886.

Syntype, RMNH.AVES.87943, adult male, skin. Loc.: Owen Stanley Mountains, Papua New Guinea. Leg.: [K. Huhnstein, 1884]. Ex: O. Finsch, x.1886.  
Syntype, RMNH.AVES.87944, immature, skin. Loc.: Owen Stanley Mountains, Papua New Guinea. Leg.: [K. Huhnstein, 1884]. Ex: O. Finsch, x.1886.

Another syntype is in the NMW (NMW 49978; Schifter *et al.*, 2007: 164-165) and two syntypes had been in the MTD but got lost during WWII (MTD C8167 and C8168; Eck and Quaisser, 2004: 251).

*Psittacus placentis* Temminck, 1835: livr. 93, pl. 553 = *Charmosyna placentis placentis* (Temminck, 1835).



Syntype, RMNH.AVES.87945, adult male, skin. Loc.: Utanata River, [Papua], [Indonesia], [11-22.vi.1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87946, adult female, skin. Loc.: Utanata River, [Papua], [Indonesia], [11-22.vi.1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87947, immature male, skin. Loc.: Utanata River, [Papua], [Indonesia], [11-22.vi.1828]. Leg.: S. Müller.

See Mees (1982) for the year of publication.

***Coracopsis barklyi*** Newton, 1867: 346 = *Coracopsis barklyi* Newton, 1867.

Possible syntype, ZMA.AVES.932, adult male, skin. Loc.: Praslin Island, [Seychelles]. Ex: G.A. Frank Jr, London [in or before 1871].

See Roselaar and Prins (2000: 105). The collection of the ZMA entered the RMNH after the merger with the ZMA in 2010.

***Coracopsis melanorhyncha*** Finsch, 1863: xx (20) = *Coracopsis cf vasa vasa* (Shaw, 1812).

Finsch based this new taxon on two live birds in the NAM. The RMNH received a skeleton (RMNH.AVES.253904) from the NAM in 1897 which could have been the remains of one of the two live birds Finsch referred to. See Roselaar and Prins (2000: 105) for a discussion on the type specimens and the possible identification as *C. vasa vasa* (Shaw, 1812).

***Psittacula diophthalma aruensis*** Schlegel, 1874a: 33 = *Cyclopsitta diophthalma aruensis* (Schlegel, 1874).

Syntype, RMNH.AVES.88035, adult female, skin. Loc.: Wammer, Aru Islands, [Indonesia], 26.iv.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.88036, adult male, skin. Loc.: Wammer, Aru Islands, [Indonesia], 27.iv.1864. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.88037, adult male, skin. Loc.: Wammer, Aru Islands, [Indonesia], 28.i.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88038, adult male, skin. Loc.: Wammer, Aru Islands, [Indonesia], 01.ii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88039, adult male, skin. Loc.: Wammer, Aru Islands, [Indonesia], 09.ii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88040, adult female, skin. Loc.: Wammer, Aru Islands, [Indonesia], 17.ii.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88041, adult female, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 15.v.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88042, adult female, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 16.v.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88043, adult male, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 21.v.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88044, adult female, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 21.v.1865. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88045, adult male, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 26.vi.1865. Leg.: C.B.H. von Rosenberg.

***Psittacula gulielmi* III** Schlegel, 1866c: 252 = *Cyclopsitta gulielmitertii gulielmitertii* (Schlegel, 1866).

Syntype, RMNH.AVES.88046, adult female, skin. Loc.: Sorong, [Papua], [Indonesia], 25.xi.1864. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.88047, adult female, skin. Loc.: Sorong, [Papua], [Indonesia], 25.xi.1864. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.88048, adult male, skin. Loc.: Kalwal, Salawatti, [Indonesia], 05.iii.1865. Leg.: H.A. Bernstein.  
 Syntype, RMNH.AVES.88049, adult female, skin. Loc.: Kalwal, Salawatti, [Indonesia], 08.iii.1865. Leg.: H.A. Bernstein.

***Psittacula melanogenia*** von Rosenberg, 1866: 142 = *Cyclopsitta guliemitertii melanogenia* (von Rosenberg, 1866).

Syntype, RMNH.AVES.88050, adult male, skin. Loc.: Wokam, Aru Islands, [Indonesia], 14.iii.1865. Leg.: C.B.H. von Rosenberg (no. 321).  
 Syntype, RMNH.AVES.88051, adult male, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], v.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88052, adult female, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 17.v.1865. Leg.: C.B.H. von Rosenberg (no. 741).  
 Syntype, RMNH.AVES.88053, adult female, skin. Loc.: Wonumbai [= Sungai Manumbai], Aru Islands, [Indonesia], 24.v.1865. Leg.: C.B.H. von Rosenberg (no. 824).  
 Syntype, RMNH.AVES.88054, adult female, skin. Loc.: Maikoor, Aru Islands, [Indonesia], 19.vii.1865. Leg.: C.B.H. von Rosenberg (no. 1198).

***Eclectus Cornelia*** Bonaparte, 1850b: 135 = *Eclectus roratus cornelia* Bonaparte, 1850.

Possible holotype, ZMA.AVES.261, adult female, relaxed mount. Loc.: -. Ex: NAM.

The type status of this specimen is uncertain as the original information is lost and measurements by Bonaparte differ from those of this specimen. The description was based on a single bird living in NAM, which makes this specimen a possible candidate.

***Larius roratus biaki*** Hartert, 1932: 448 = *Eclectus roratus polychloros* (Scopoli, 1786).

Holotype, RMNH.AVES.14032, adult male, skin. Loc.: Biak, [Indonesia], 1915. Leg.: W.K.H. Feuilleateau de Bruijn. Ex: MZB, 12.i.1950 (MZB 13366).

Holotype by monotypy.

***Psittacodis intermedius*** Bonaparte, 1850a: 4 = *Eclectus roratus roratus* (P.L.S. Müller, 1776).

Lectotype, RMNH.AVES.88012, adult [male], mounted skin. Loc.: Amboine [= Ambon], [Indonesia]. Ex: NAM.

Schlegel (1864c: 41) designated the lectotype. Bonaparte gave no indication of the number of specimens available to him, so the listing of RMNH.AVES.88012 as holotype by Van den Hoek Ostende *et al.* (1997: 125) was an error.

***Psittacodis westermanni*** Bonaparte, 1850a: 4 = *Eclectus roratus westermanni* (Bonaparte, 1850).

Lectotype, RMNH.AVES.88013, adult male, mounted skin. Loc.: -. Ex: NAM, 09.xii.1858.  
 Paralectotype, ZMA.AVES.280.

Bonaparte described this species based on living birds in the NAM. It is known that the zoo possessed four specimens around that period, but according to Roselaar and Prins (2000: 102) it is not certain which of the two remaining skins were seen by Bonaparte.

Schegel (1864c: 42) designated the lectotype. The listing of RMNH.AVES.88013 as holotype by Van den Hoek Ostende *et al.* (1997: 125) and ZMA.AVES.280 as syntype by Roselaar and Prins (2000: 102) were errors.

According to Peters (1937: 231) this taxon might represent an arrested plumage development of *Lorius roratus riedeli* (A.B. Meyer, 1882). Roselaar and Prins (2000: 103) demonstrated that it represents a separate taxon which has become extinct according to the IOC 10.1 world list.

***Psittacus (Eos) Bernsteinii*** Rosenberg, 1863: 145.

***Domicella Schlegeli*** Finsch, 1868: 792 (*nomen novum*) = *Eos bornea bornea* (Linnaeus, 1758).

Syntype, RMNH.AVES.87955, adult male, mounted skin. Loc.: Great Key Island, [Indonesia], 24.vi.1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.89441, adult female, mounted skin. Loc.: Great Key Island, [Indonesia], 24.vi.1863. Leg.: D.S. Hoedt.

Rosenberg was based in Ambon at the time of writing, together with Hoedt. He did not refer to any specimens, neither in collections nor from his own observations, but must have seen the specimens collected by Hoedt.

Finsch introduced *Domicella Schlegeli* as a *nomen novum* for *Psittacus Bernsteinii* Rosenberg, 1863, so the type series for *Bernsteini* also applies to *Schlegeli*.

***Eos cyanogenia*** Bonaparte, 1850b: 135 = *Eos cyanogenia* Bonaparte, 1850.

Lectotype, RMNH.AVES.87956, adult male, relaxed mount. Loc.: -. Ex: NAM.

This specimen, which has died in captivity in the NAM, originated according to Bonaparte from the Moluccas. However, this species is only known from islands in Cenderawasih Bay, West Papua. Schlegel (1864c: 129) listed it as type, hence selecting it as lectotype.

Voisin and Voisin (2008a: 466) referred to a paralectotype in the MNHN (MNHN 2004-127) collected by Dumont d'Urville in Manokwari, Astrolabe Bay, between 26.viii. and 6.ix.1827. Based on Bonaparte's description there is no reason to assume that any specimens in the MNHN were involved in Bonaparte's description.

***Psittacus reticulatus*** Müller, 1841: 107 = *Eos reticulata* (Müller, 1841).

Lectotype, RMNH.AVES.87957, adult, sex unknown, relaxed mount. Loc.: Timorlaot [= Tanimbar], Amboine [= Ambon], [Indonesia], [29.iii-20.iv.1828]. Leg.: S. Müller.

Müller gave no indication of the number of specimens available to him, so the listing of RMNH.AVES.87957 as holotype by Van den Hoek Ostende *et al.* (1997: 121) is erroneous but constitutes a lectotype designation.

*Eos reticulata* is confined to Tanimbar. Ambon probably refers to the locality where Müller, who never visited Tanimbar, obtained this specimen and where he stayed from 29 March until 20 April 1828. The locality Timorlaout (the old name for Tanimbar) could have been added to the label later.

***Eos semilarvata*** Bonaparte, 1850b: 135 = *Eos semilarvata* Bonaparte, 1850.

Lectotype, RMNH.AVES.87958, adult, sex unknown, mounted skin. Loc.: -. Ex: NAM.

In his original description, Bonaparte gave no indication of the number of specimens available to him, but in a publication later that year (1850e: 28) he mentioned having only a single specimen and referred to it as the "typical specimen", which constitutes a lectotype designation. The listing of RMNH.AVES.87958 as holotype by Van den Hoek Ostende *et al.* (1997: 121) was erroneous.

***Lorius (Eos) Wallacei*** Finsch, 1864: 411 = *Eos squamata squamata* (Boddaert, 1783).

Syntype, RMNH.AVES.87959, adult, sex unknown, mounted skin. Loc.: Waigeu, [Indonesia], [vii-ix.1860]. Leg.: A.R. Wallace. Ex: G.A. Frank, 1862.

Finsch did not mention the number of syntypes, but referred to specimens in RMNH, NHM and the collection of Wallace. However, when he reconsidered and withdrew the name in a later publication (Finsch, 1868: 396), he mentioned that he had three specimens: two in the collection Wallace and one in the RMNH. Warren (1966: 309-310) listed no syntypes in the NHM.

Wallace visited Waigeo from July until September 1860 (Baker, 2001: 285).

***Psittacus cyanicollis*** Müller, 1841: 108 = *Geoffroyus geoffroyi cyanicollis* Müller, 1841.

In his description Müller referred to a single female from Menado collected by Reinwardt. This specimen is not present in the RMNH and not listed by Schlegel (1864c; 1874a) and might therefore be the specimen that was sent to the MNHN in May 1844.

***Geoffroyus Lansbergei*** Finsch, 1899a: 225 = *Geoffroyus geoffroyi floresianus* Salvadori, 1891.

Holotype, RMNH.AVES.87977, immature, skin. Loc.: Sumbawa, [Indonesia], x.1879. Leg.: J.W. van Lansberge, 1882.

Holotype by monotypy. Finsch based his description on a single specimen.

***Pionias obiensis*** Finsch, 1868: 389 = *Geoffroyus geoffroyi obiensis* (Finsch, 1868).

Syntype, RMNH.AVES.87962, adult female, mounted skin. Loc.: Obi-Latœ [= Obilatu], [Indonesia], 23.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87963, adult male, mounted skin. Loc.: Obi-Latœ [= Obilatu], [Indonesia], 24.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87964, adult male, mounted skin. Loc.: Obi-Latœ [= Obilatu], [Indonesia], 24.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87965, adult male, mounted skin. Loc.: Obi-Latœ [= Obilatu], [Indonesia], 24.viii.1862. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.87966, adult male, mounted skin. Loc.: Obi-Latœ [= Obilatu], [Indonesia], 24.viii.1862. Leg.: H.A. Bernstein.

***Eclectus rhodops*** Schlegel, 1864c: 43.

***Geoffroyus schlegelii*** Salvadori, 1877a: 29 (*nomen novum*) = *Geoffroyus geoffroyi rhodops* (Schlegel, 1864).

Syntype, RMNH.AVES.87967, adult male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], [29.iii-20.iv..1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87968, adult female, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], [29.iii-20.iv..1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.87969, adult male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], [1842]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.87970, adult male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87971, adult male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87972, immature male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87973, immature male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87974, immature male, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87975, adult female, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.87976, adult female, mounted skin. Loc.: Amboine [= Ambon], [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.89425, adult male, mounted skin. Loc.: Wahai, Ceram, [Indonesia], 1862. Leg.: J.C.B. Bernelot Moens.

Syntype, RMNH.AVES.89426, adult female, mounted skin. Loc.: Wahai, Ceram, [Indonesia], 1862. Leg.: J.C.B. Bernelot Moens.

Syntype, RMNH.AVES.89427, adult female, mounted skin. Loc.: Wahai, Ceram, [Indonesia], 1862. Leg.: J.C.B. Bernelot Moens.

Syntype, RMNH.AVES.89428, adult male, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.89429, adult male, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.89430, adult female, mounted skin. Loc.: Buru, [Indonesia], 12.viii.1863. Leg.: D.S. Hoedt.

Müller visited Ambon from 29 March until 20 April 1828. Forsten visited Ambon in 1842.

Salvadori introduced *Geoffroyus schlegelii* as an unnecessary *nomen novum* for *Eclectus rhodops* Schlegel, 1864.

***Loriculus aurantiifrons*** Schlegel, 1871a: 9. = *Loriculus aurantiifrons aurantiifrons* Schlegel, 1871.

Syntype, RMNH.AVES.88002, adult female, mounted skin. Loc.: Kasim, Misol, [Indonesia], 01.vi.1867. Leg.: D.S. Hoedt.

Syntype, RMNH.AVES.88003, adult male, mounted skin. Loc.: Waaigama, Misol, [Indonesia], 28.vi.1867. Leg.: D.S. Hoedt.

***Loriculus catamene*** Schlegel, 1871a: 7. = *Loriculus catamene* Schlegel, 1871.

Holotype, RMNH.AVES.87998, adult male, mounted skin. Loc.: Sanghir, [Indonesia], 29.xi.1865. Leg.: D.S. Hoedt.

Holotype by monotypy. Schlegel based his description on a single specimen.

***Loriculus exilis*** Schlegel, 1866b: 185 = *Loriculus exilis* Schlegel, 1866.

Syntype, RMNH.AVES.88004, adult male, mounted skin. Loc.: Tulabello, Celebes [= Sulawesi], [Indonesia], 09.v.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88005, adult female, mounted skin. Loc.: Tulabello, Celebes [= Sulawesi], [Indonesia], 20.v.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88006, adult male, mounted skin. Loc.: Tagouat, Celebes [= Sulawesi], [Indonesia], 17.vii.1864. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88007, immature male, mounted skin. Loc.: Tulabello, Celebes [= Sulawesi], [Indonesia], 09.v.1864. Leg.: C.B.H. von Rosenberg.

According to the label, RMNH.AVES.88007 was collected on 9.iv.1864. The collecting date on the stand is given as 9.v.1864. Von Rosenberg stayed in Tulabello from 14 April to 20 May 1864.

***Loriculus sclateri ruber*** Meyer and Wiglesworth, 1896: 2 = *Loriculus sclateri ruber* Meyer and Wiglesworth, 1896.

Syntype, RMNH.AVES.87999, adult, sex unknown, skin. Loc.: Banggai Island, [Indonesia], v-viii.1895. Leg.: C.W. Cursham. Ex: MTD, 14.ii.1896.

Syntype, RMNH.AVES.88000, adult, sex unknown, skin. Loc.: Banggai Island, [Indonesia], v-viii.1895. Leg.: C.W. Cursham. Ex: MTD, 14.ii.1896.

The entire type series was originally held by the MTD (see Eck and Quaisser, 2004: 255). Five syntypes collected by C.W. Cursham on Banggai and Peleng are still there (MTD C14638, C14639, C14641, C14518, C14521), one was lost during WWII (MTD C14637), another one went in exchange to the MCZ, Cambridge, Massachusetts where it is still present (MCZ 9734, formerly MTD C14640) and two specimens collected on Peleng went to Sarasin (MTD C14519) and to the Bureau of Science in Manila (MTD C14520).

***Loriculus sclateri*** Wallace, 1863a: 336 = *Loriculus sclateri sclateri* Wallace, 1863.

Syntype, RMNH.AVES.88001, adult male, mounted skin. Loc.: Sula Islands, [Indonesia]. Leg.: A.R. Wallace. Ex: G.A. Frank, 1863.

Another syntype is in the NHM (Warren 1966: 265; NHMUK 1873.5.12.1549)

***Psittacus (Psittacula) stigmatus*** Müller, 1843: 182 = *Loriculus stigmatus stigmatus* (Müller, 1843).

Syntype, RMNH.AVES.88008, adult male, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88009, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88010, adult male, mounted skin. Loc.: Tondano, Celebes [= Sulawesi], [Indonesia]. Leg.: E.A. Forsten.

Syntype, RMNH.AVES.88011, adult female, mounted skin. Loc.: Gorontalo, Celebes [= Sulawesi], [Indonesia], x.1841. Leg.: E.A. Forsten.

Forsten visited the Tondano area from 22 March - 19 June 1841 and the area near Gorontalo between September 1841 - April 1842.



***Domicella garrula morotaiana*** van Bemmél, 1940: 333 = *Lorius garrulus morotaianus* (van Bemmél, 1940).

Holotype, RMNH.AVES.14031, adult male, skin. Loc.: Wajaboela, Morotai, [Indonesia], 10.iii.1938. Leg.: G.A.L. de Haan. Ex: MZB, 12.i.1950 (MZB 13247).

Van Bemmél nominated RMNH.AVES.14031 the type, but later in the article listed another two "cotypes".

***Psittacus cyanauchen*** Müller, 1841: 107 = *Lorius lory cyanauchen* (Müller, 1841).

Lectotype, RMNH.AVES.87948, adult male, relaxed mount. Loc.: -. Leg.: -.

Müller gave no indication of the number of specimens available to him, so the listing as holotype by Van den Hoek Ostende *et al.* (1997: 120) was an error. Schlegel (1864c: 119) designated the lectotype.

The label does not indicate the locality. The species was described by Müller as originating from the Moluccas. In fact, *L. l. cyanauchen* is restricted to Biak Island, Indonesia.

***Lorius cyanauchen viridicrissalis*** de Beaufort, 1909: 393 = *Lorius lory viridicrissalis* de Beaufort, 1909.

Syntype, RMNH.AVES.87949 (1609), adult male, skin. Loc.: Tami River, [Papua], [Indonesia], iv-vi.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.87950 (1609), adult female, skin. Loc.: Sentani Lake, [Papua], [Indonesia], 01.iv.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.87951 (1609), adult female, skin. Loc.: Sentani Lake, [Papua], [Indonesia], 01.iv.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.87952 (1609), adult, sex unknown, skin. Loc.: Humboldt Bay, [Papua], [Indonesia], 21.iv.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.87953 (1609), adult female, skin. Loc.: Sentani Lake, [Papua], [Indonesia], 19.vi.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, RMNH.AVES.87954 (1609), adult male, skin. Loc.: Sentani Lake, [Papua], [Indonesia], 19.vi.1903. Leg.: L.F. de Beaufort and H.A. Lorentz, 08.x.1909.

Syntype, ZMA.AVES.209, adult male, skin. Loc.: Sentani Lake, [Papua], [Indonesia], 08.iv.1903. Leg.: L.F. de Beaufort and H.A. Lorentz.

Syntype, ZMA.AVES.210, adult male, skin. Loc.: Sentani Lake, [Papua], [Indonesia], v.1903. Leg.: L.F. de Beaufort and H.A. Lorentz.

Syntype, RMNH.AVES.207071, adult male, mounted skin. Loc.: Andai, [Papua], [Indonesia], 1.vi.1869. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.207072, adult female, mounted skin. Loc.: Andai, [Papua], [Indonesia], 1.vi.1869. Leg.: C.B.H. von Rosenberg.

Although De Beaufort (1909: 403) described this new taxon based on material from the Wichmann Dutch New Guinea Expedition (1903), he also referred to RMNH.AVES.207071-207072.

***Nasiterna pygmaea Geelvinkiana*** Schlegel, 1871a: 7.

***Nasiterna maforensis*** Salvadori, 1875c: 908.

***Nasiterna misoriensis*** Salvadori, 1875c: 909 = *Micropsitta geelvinkiana geelvinkiana* (Schlegel, 1871).

Syntype *geelvinkiana and maforensis*, RMNH.AVES.88014, adult female, skin. Loc.: Numfor Island, [Indonesia], 12.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88015, adult male, skin. Loc.: Numfor Island, [Indonesia], 12.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88017, adult female, skin. Loc.: Numfor Island, [Indonesia], 14.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88018, adult female, skin. Loc.: Numfor Island, [Indonesia], 14.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88019, adult male, skin. Loc.: Numfor Island, [Indonesia], 15.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88020, adult male, skin. Loc.: Numfor Island, [Indonesia], 15.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88021, adult male, skin. Loc.: Numfor Island, [Indonesia], 17.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88022, adult male, skin. Loc.: Numfor Island, [Indonesia], 19.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88023, adult female, skin. Loc.: Numfor Island, [Indonesia], 19.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88024, adult female, skin. Loc.: Numfor Island, [Indonesia], 19.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88025, adult female, skin. Loc.: Numfor Island, [Indonesia], 23.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and maforensis*, RMNH.AVES.88026, adult male, skin. Loc.: Numfor Island, [Indonesia], 26.ii.1869. Leg.: C.B.H. von Rosenberg.  
 Syntype *geelvinkiana and misoriensis*, RMNH.AVES.207855, adult male, skin. Loc.: Soëk [= Biak], [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg (= *Micropsitta geelvinkiana misoriensis* (Salvadori, 1875)).  
 Syntype *geelvinkiana and misoriensis*, RMNH.AVES.207857, adult female, skin. Loc.: Soëk [= Biak], [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg (= *Micropsitta geelvinkiana misoriensis* (Salvadori, 1875)).  
 Syntype *geelvinkiana and misoriensis*, RMNH.AVES.207859, adult female, skin. Loc.: Soëk [= Biak], [Indonesia], 22.iii.1869. Leg.: C.B.H. von Rosenberg (= *Micropsitta geelvinkiana misoriensis* (Salvadori, 1875)).

Schlegel included specimens from Numfoor and Biak in his description, which was overlooked by Van den Hoek Ostende *et al.* (1997: 126).

***Nasiterna aruensis*** Salvadori, 1875b: 985 = *Micropsitta keiensis keiensis* (Salvadori, 1876).

Syntype, RMNH.AVES.88027, adult male, mounted skin. Loc.: Wokam, Aru Islands, [Indonesia], 30.i.1865. Leg.: C.B.H. von Rosenberg.  
 Syntype, RMNH.AVES.88028, adult male, mounted skin. Loc.: Wonumbai [= Kobroor], Aru Islands, [Indonesia], 16.v.1865. Leg.: C.B.H. von Rosenberg.

Publication date incorrectly given as 1876 by the IOC.

***Psittacus venustus*** Temminck, 1821b: 121 (nec Kuhl). = *Neophema chrysostoma* (Kuhl, 1820).

Syntype, RMNH.AVES.88031, adult, sex unknown, mounted skin. Loc.: Tasmania, Australia. Ex: Cabinet Temminck.

Temminck referred to four specimens of *venustus*: two in his own collection and two in the Linnaean Society in London. Warren (1966: 62) listed under *Psittacus chrysostomus* Kuhl, 1820, a specimen in the NHM (1863.7.6.9) as syntype of *Psittacus venustus* Temminck, 1821, which she later erroneously listed as holotype under

*Psittacus venustus* Temminck, 1821 (Warren, 1966: 304). Because of this ambiguity we do not consider this to be a valid lectotype designation and list RMNH.AVES.88031 as a syntype for *Psittacus venustus* Temminck, 1821. Temminck sent one specimen to the NMW in 1821 (1821.LXXIII.43).

***Nanodes Musschenbroekii*** "von Rosenberg" Schlegel, 1871b: 34. = *Neopsittacus musschenbroekii* (Schlegel, 1871).

Syntype, RMNH.AVES.88032, adult female, skin. Loc.: Hattam, Arfak Mountains, [Papua], [Indonesia], 07.iv.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88033, adult female, skin. Loc.: Hattam, Arfak Mountains, [Papua], [Indonesia], 11.iv.1870. Leg.: C.B.H. von Rosenberg.

Syntype, RMNH.AVES.88034, adult male, skin. Loc.: Hattam, Arfak Mountains, [Papua], [Indonesia], 14.iv.1870. Leg.: C.B.H. von Rosenberg.

***Psittacus vaillanti*** Shaw, 1810: 909

***Psittacus phigy*** Bechstein, 1811: 81.

***Psittacus coccineus*** Shaw, 1812: 472 = *Phigys solitarius* (Suckow, 1800).

Syntype, RMNH.AVES.88055, adult, sex unknown, relaxed mount. Loc.: "New Caledonia" [= Tongatapu], [23.iii-9.iv.1793]. Leg.: [J.-J. de Labillardière]. Ex: Cabinet Temminck.

All authors based their name on Levaillant's *La Perruche Phigy* (1801b: 125, pl. 64), who based his description on specimens in the MNHN and in the collection of Labillardière. According to Stresemann (1953b: 82) RMNH.AVES.88055 was bought by Temminck in 1805 from the Parisian dealer Bécœur. This specimen originated from the expedition led by d'Entrecasteaux where Labillardière was the naturalist (1791 - 1794).

The locality "New Caledonia" is obviously in error. This parrot is only found in Fiji.

***Psittacus Brownii*** Kuhl, 1820b: 56 = *Platycercus caledonicus brownii* (Kuhl, 1820).

Syntype, RMNH.AVES.88060, adult male, mounted skin. Loc.: Tasmania, Australia. Ex: Cabinet Temminck.

Jansen (2018: 416) suggested that this specimen was collected between 13 January - 16 February 1801, either at Great Taylor Bay or North Bruny, Bruny Island, Tasmania, by C.A. Lesueur or in Adventure Bay, Bruny Island, between 20 - 22 May 1802.

According to Kuhl, other syntypes were in the MNHN, collection Laugier and in London. Warren (1866: 43, 98) listed a syntype in the NHM (NHMUK 1863.7.6.4). Voisin and Voisin (2008a: 494) listed no types for *brownii*, but based on Jansen (2018: 415-416) at least two specimens (MNHN A.C. 1390; A.C. 1388) should be considered, both collected during the Baudin Expedition (1800-1804), to be present in the MNHN in 1820.

***Psittacus flavigaster*** Temminck, 1821b: 116.

***Psittacus flaviventris*** Temminck, 1821b: 117 = *Platycercus caledonicus subsp.* (Gmelin, 1788).

Temminck used both *flavigaster* (in caption) and *flaviventris* (text) for this taxon. He based his description on specimens in London and on plate 80 in Levaillant (1805).

Salvadori (1891: 546) designated the specimen in the NHM, received from the Linnean Society, as lectotype, a fact overlooked by Warren (1866: 98) who listed this specimen (NHMUK 1863.7.6.4) as syntype. Warren also listed this specimen as syntype for *Psittacus Brownii* Kuhl, 1820. Voisin and Voisin (2008a: 494) listed a specimen in the MNHN (MNHN 2004-68; for photo see Jansen (2018: 415) as the one depicted on plate 80 by Levaillant, which is thus a paralectotype for *flaviventris* and *flavigaster*.

***Psittacus icterotis*** "Temminck" Kuhl, 1820b: 54 = *Platycercus icterotis* Kuhl, 1820.

Kuhl based his description on specimens in the RMNH and MNHN. No specimen(s) were found in the RMNH.

***Psittacus Brownii*** Temminck, 1821b: 119 (nec Kuhl). = *Platycercus venustus venustus* (Kuhl, 1820).

Temminck referred to a single specimen collected by Brown in Arnhem's Land (= Northern Territories, Australia) which Warren (1966: 304) listed (NHMUK 1863.7.6.6) as holotype for *Brownii* [sic] Temminck.

***Prioniturus mada*** Hartert, 1900: 230 = *Prioniturus mada* Hartert, 1900.

Paralectotype, RMNH.AVES.90965.

Hartert did not nominate a type, but described a single specimen in detail. Greenway (1978: 90) considered it the holotype (AMNH 621029). However, Hartert also referred to Schlegel (1874a: 22) by giving all relevant data of a specimen in the RMNH which he recognized as his newly described *P. mada*. According to Art. 72.4.1. (ICZN, 1999), this specimen, RMNH.AVES.90965, does therefore also belong to the type series. Greenway's use of the term "holotype" constitutes a lectotype designation.

A specimen originally in the ZMA collection (ZMA.AVES.56989) collected by Hoedt on Buru in 1870 was not mentioned by Hartert and does not belong to the type series.

***Prioniturus platenae*** Blasius, 1888: 335 = *Prioniturus platenae* Blasius, 1888.

Syntype, RMNH.AVES.88063, adult male, skin. Loc.: Palawan, Philippines, 20.ix.1887. Leg.: C.C. Platen.

***Psittacus platurus*** "Temminck" Vieillot, 1818b: 314 = *Prioniturus platurus platurus* (Vieillot, 1818).

Vieillot based this name on a manuscript name by Temminck. According to Kuhl (1820b: 43), who attributed this name also to Temminck, it is based on a specimen in Temminck's cabinet from New Caledonia. This must be an error as this species does not occur there. This specimen is not found in the RMNH.

***Psittacus setarius*** Temminck, 1820: livr. 3, pl. 15 = *Prioniturus platurus platurus* (Vieillot, 1818).

Following Dickinson et al. (2022) (see also introduction of this catalogue under "what is new in this 2022 version": 14) the specimen illustrated on plate 15 is the holotype as

the text which appeared later is irrelevant regarding type status. According to Temminck, the illustrated specimen was in the RMNH. Temminck had specimens from Indonesia, including Timor (which must be incorrect as *Prioniturus* does not occur there) and the Philippines, including Mindanao. This implies that Temminck had a composite series of at least 2, maybe 3 or 4 taxa which he named *setarius*. Plate 15 could therefore illustrate a composite specimen based on characters of more than one specimen. Temminck also referred to specimens in the MNHN and NHM, but neither Warren (1966) nor Voisin and Voisin (2008a) listed any types.

According to Schlegel (1864c: 45) RMNH.AVES.210650, which is *P. platurus platurus* (Vieillot, 1818), is the specimen depicted on plate 15. Although the plate seems to match RMNH.AVES.210650, Schlegel must be wrong as according to handwritten notes under the pedestal it was collected by Müller on Buton on 25 March 1828, eight years after publication of plate 15. This information might have been added later though and prove to be incorrect.

The specimen illustrated on plate 15 does, however, indeed compare best with *P. p. platurus* from Sulawesi. Sclater (1860b: 223-224) gave Celebes (= Sulawesi) as origin of *setarius* Temminck, but probably after examining RMNH.AVES.210650 which Schlegel considered to be the illustrated specimen and syntype of *setarius*.

***Prioniturus Wallacei*** Schlegel, 1864a: 70 = *Prioniturus platurus platurus* (Vieillot, 1818).

Syntype, RMNH.AVES.210650, adult male, mounted skin. Loc.: Buton Island, [Indonesia], 25.iii.1828. Leg.: S. Müller.

Syntype, RMNH.AVES.157200, skull, sex unknown. Loc.: Buton Island, [Indonesia], [22-25.iii.1828]. Leg.: S. Müller.

First published as a *nomen nudum* by Gray (1859: 18) based on a manuscript name by Gould. Schlegel later gave it a formal description. Salvadori (1891: 416) listed two specimens in the NHM as types for *wallacei* Gray, 1859, which Warren (1966: 310) gave no type status as Gray's publication was a *nomen nudum*. Warren must have overlooked the valid publication by Schlegel. Schlegel made no direct reference to either Gould or Gray and did not refer to any specimens. However, Schlegel did give Macassar and Buton as type locality. We consider "Macassar" as reference to Gray, making the two specimens in the NHM (NHMUK 1857.11.11.2, NHMUK 1857.11.11.18) part of the type series as the RMNH does not have any specimens from Macassar.

Müller visited Buton between 22 and 25 March 1828.

***Psephotus chrysapterygus blaaui*** van Oort, 1910a: 71 = *Psephotellus dissimilis* (Collett, 1898).

Syntype, RMNH.AVES.1577, adult male, skin. Loc.: Port Darwin, Australia. Ex: F.E. Blaauw, 30.viii.1909.

Syntype, RMNH.AVES.2936, adult female, skin. Loc.: Port Darwin, Australia. Ex: F.E. Blaauw, 07.viii.1913.

Syntype, RMNH.AVES.88135 (3708), adult male, skin. Loc.: Port Darwin, Australia. Ex: F.E. Blaauw, 16.xi.1915.

Syntype, RMNH.AVES.88136 (3708), adult female, skin. Loc.: Port Darwin, Australia. Ex: F.E. Blaauw, 16.xi.1915.



Van Oort described this race on the basis of one dead (RMNH.AVES.1577) and five live birds in the aviary of F.E. Blaauw. The birds were imported from Port Darwin, Australia, in 1909.

***Psittacella Brehmii*** Schlegel, 1871b: 35. = *Psittacella brehmii brehmii* Schlegel, 1871.

Holotype, RMNH.AVES.88084, adult female, skin. Loc.: Hattam, Arfak, [Papua], [Indonesia], 11.iv.1870. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy. Schlegel wrote having received an adult male from Von Rosenberg. This is an error as the original specimen is a female as Finsch corrected on the label.

***Psittacella [sic] modesta*** Schlegel, 1871b: 36 = *Psittacella modesta modesta* Schlegel, 1871.

Holotype, RMNH.AVES.88085, adult male, skin. Loc.: Hattam, Arfak Mountains, [Papua], [Indonesia], 20.iv.1870. Leg.: C.B.H. von Rosenberg.

Holotype by monotypy. Schlegel wrote having received an adult male from Von Rosenberg.

***Psittacella lorentzi*** van Oort, 1910e: 212 = *Psittacella picta lorentzi* van Oort, 1910.

Syntype, RMNH.AVES.88086, adult male, skin. Loc.: Wichmann Mountains, [Papua], [Indonesia], 01.xi.1909. Leg.: H.A. Lorentz, Dutch New Guinea Expedition, 1909.

Syntype, RMNH.AVES.88087, immature male, skin. Loc.: Oranje Mountains, [Papua], [Indonesia], 06.xi.1909. Leg.: H.A. Lorentz, Dutch New Guinea Expedition, 1909.

***Psittacula alexandri dammermani*** Chasen and Kloss, 1932: 8 = *Psittacula alexandri dammermani* Chasen and Kloss, 1932.

Holotype, RMNH.AVES.14033, adult female, skin. Loc.: Karimondjawa Island, [Indonesia], 15.v.1926. Ex: MZB, 12.i.1950 (MZB 4014).

***Psittacula alexandri kangeanensis*** Hoogerwerf, 1962: 202 = *Psittacula alexandri kangeanensis* Hoogerwerf, 1962.

Hoogerwerf nominated two specimens in the MZB as types (MZB 23130 and 23134), thereby excluding all other specimens from the type series, including RMNH.AVES.27879, erroneously listed as syntype by Van den Hoek Ostende *et al.* (1997: 133). Sudaryanti *et al.* (2006) designated a lectotype (MZB 23130). However, the mere fact that Hoogerwerf did not select a holotype in his description is not a valid reason for a lectotype designation after 1999 (ICZN Recommendation 74G).

***Cyclopsitta blythii*** Wallace, 1864: 284 = *Psittaculirostris desmarestii blythii* (Wallace, 1864).

Possible syntype, RMNH.AVES.90954, adult, sex unknown, skin. Loc.: Misool, [Indonesia], [ii-ix.1860]. Leg.: C. Allen for A.R. Wallace. Ex: G.A. Frank, 1862.



The RMNH received this specimen two years prior to the formal description by Wallace, who referred to six specimens from “Mysol”, making it likely that the specimen in the RMNH was included in the type series.

According to Warren (1966: 37) another syntype is in the NHM (NHMUK 1873.5.12.1543). RMNH.AVES.90954 is a new registration number as the number given in Van den Hoek Ostende *et al.* (1997: 133) was incorrect.

Wallace never visited Misool where Allen collected for him between February and September 1860 (Baker 2001: 291).

***Cyclopsitta desmarestii intermedia*** van Oort, 1909b: 229 = *Psittaculirostris desmarestii desmarestii* (Desmarest, 1826).

Syntype, RMNH.AVES.88088, adult female, skin. Loc.: Sekru, [Papua], [Indonesia], 17.i.1897. Leg.: K. Schädler, 1897.

Syntype, RMNH.AVES.88089, adult male, skin. Loc.: Sekru, [Papua], [Indonesia], 17.i.1897. Leg.: K. Schädler, 1897.

Syntype, RMNH.AVES.88090, adult female, skin. Loc.: Sekru, [Papua], [Indonesia], 26.ii.1897. Leg.: K. Schädler, 1897.

Van Oort nominated three specimens as the types, thereby excluding all other specimens from the type series, including RMNH.AVES.89437- RMNH.AVES.89440, erroneously listed as syntype by Van den Hoek Ostende *et al.* (1997: 133).

***Psittacus iris*** Temminck, 1835: livr. 96, pl. 567 = *Psitteuteles iris iris* (Temminck, 1835).

Syntype, RMNH.AVES.88091, adult male, relaxed mount. Loc.: [Wienoto], Timor, [Indonesia], [ix.1829]. Leg.: S. Müller.

Syntype, RMNH.AVES.88092, adult male, relaxed mount. Loc.: [Wienoto], Timor, [Indonesia], [ix.1829]. Leg.: S. Müller.

Finsch (1868: 852) referred to one of the RMNH specimens as the type, which constitutes a lectotype designation. He listed the specimens as a male (lectotype) and female, however both specimens are male. The lectotype designation is therefore not valid, as it is not unambiguous.

Müller (1841: 209) described how he encountered this species during his visit to the area of Wienoto and Molo (September 1829).

***Tanygnathus affinis*** Wallace, 1863b: 20.

***Tanygnathus intermedius*** Schlegel, 1864a: 70 = *Tanygnathus megalorynchos affinis* Wallace, 1863.

Paralectotype for *affinis*, syntype for *intermedius*, RMNH.AVES.88105, adult, sex unknown, mounted skin. Loc.: Buru, [Indonesia], [v.-vi.] 1861. Leg.: A.R. Wallace. Ex: G.A. Frank, 1862.

Syntype for *intermedius*, RMNH.AVES.88106, adult male, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype for *intermedius*, RMNH.AVES.88107, adult male, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype for *intermedius*, RMNH.AVES.88108, adult female, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Syntype for *intermedius*, RMNH.AVES.88109, adult female, mounted skin. Loc.: Buru, [Indonesia], 1863. Leg.: D.S. Hoedt.

Salvadori (1891: 429) designated the lectotype for *affinis* in the NHM (Warren, 1966: 5, NHMUK 1873.5.12.1570).

There appears to have been a mix-up of the labels and stands. RMNH.AVES.88106 is a male according to the label, but a female according to the stand. RMNH.AVES.88109 is a female according to the label, but a male according to the stand.

***Tanygnathus Morotensis*** Schlegel, 1864a: 70 = *Tanygnathus megalorynchos megalorynchos* (Boddaert, 1783).

Syntype, RMNH.AVES.88100, adult male, mounted skin. Loc.: Morotai, [Indonesia], 27.i.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88101, adult female, mounted skin. Loc.: Morotai, [Indonesia], 21.viii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88137, adult male, mounted skin. Loc.: Morotai, [Indonesia], 25.viii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88102, adult female, mounted skin. Loc.: Morotai, [Indonesia], 14.xii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88103, adult female, mounted skin. Loc.: Morotai, [Indonesia], 17.xii.1861. Leg.: H.A. Bernstein.

Syntype, RMNH.AVES.88104, adult female, mounted skin. Loc.: Morotai, [Indonesia], 19.xii.1861. Leg.: H.A. Bernstein.

Schlegel (1864c: 47) and Finsch (1868: 353) only listed one male (RMNH.AVES.88100); they must have overlooked the second male (RMNH.AVES.88137).

According to the label RMNH.AVES.88101 was collected on 21.viii.1861. The stand gives 21.ix.1861 as the collecting date.

***Psittacus Mulleri*** Müller, 1841: 108 = *Tanygnathus sumatranus sumatranus* (Raffles, 1822).

Syntype, RMNH.AVES.88110, adult, sex unknown, mounted skin. Loc.: -. Ex: Cabinet Temminck.

Syntype, RMNH.AVES.88111, adult, sex unknown, skeleton. Loc.: Boeton [= Buton], [Indonesia], [22-25.iii.1828]. Leg.: S. Müller.

Syntype, RMNH.AVES.88112, adult, sex unknown, skeleton. Loc.: Boeton [= Buton], [Indonesia], [22-25.iii.1828]. Leg.: S. Müller.

The locality “Boeton” was written on the stand of RMNH.AVES.88110, but has been erased later. Müller referred to two specimens: RMNH.AVES.88110 and a bird he collected on Buton in 1828. This must be one of two skeletons. As we are unable to distinguish between them, we list them both as syntype.

Müller visited Buton between 22 and 25 March 1828.

***Psittacus euteles*** Temminck, 1835: livr. 96, pl.568 = *Trichoglossus euteles* (Temminck, 1835).

Lectotype, RMNH.AVES.88116, adult male, skin. Loc.: [Wienoto], Timor, [Indonesia], [ix.1829]. Leg.: S. Müller.

Paralectotypes, RMNH.AVES.88117-88118.

Finsch (1868: 850) referred to the male specimens in the RMNH as the type, which constitutes a lectotype designation.

Müller (1841: 209) described how he encountered this species during his visit to the area of Wienoto and Molo (September 1829).

***Trichoglossus alorensis*** Finsch, 1899a: 226 = *Trichoglossus euteles* (Temminck, 1835).

Syntype, RMNH.AVES.88119, adult male, skin. Loc.: Alor, [Indonesia], v.1898. Ex: H. Rolle, 1898.  
Syntype, RMNH.AVES.88120, adult male, skin. Loc.: Alor, [Indonesia], v.1898. Ex: H. Rolle, 1898.

***Trichoglossus Forsteni*** "Temminck" Bonaparte, 1850a: 3 = *Trichoglossus forsteni forsteni* Bonaparte, 1850.

Lectotype, RMNH.AVES.88121, adult male, relaxed mount. Loc.: Bima, Sumbawa, [Indonesia], 1842.  
Leg.: E.A. Forsten.  
Paralectotype, RMNH.AVES.88122.

Finsch (1868: 826) referred to the male specimen as the type, which constitutes a lectotype designation.

***Trichoglossus Rosenbergii*** Schlegel, 1871a: 9. = *Trichoglossus rosenbergii* Schlegel, 1871.

Syntype, RMNH.AVES.88123, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88124, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88125, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88126, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88127, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88128, adult male, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88129, adult female, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88138, adult female, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.  
Syntype, RMNH.AVES.88139, adult female, skin. Loc.: Soëk [= Biak], Schouten Island, [Indonesia], iii.1869. Leg.: C.B.H. von Rosenberg.

***Chalcopsitta rubiginosa*** Bonaparte, 1850b: 134 = *Trichoglossus rubiginosus* (Bonaparte, 1850).

Bonaparte referred to a specimen in the *Jardin des Plantes* as the type. The listing of RMNH.AVES.88134 as holotype by Van den Hoek Ostende *et al.* (1997: 137) is therefore probably an error. Voisin and Voisin (2008a) do not list a type for *rubiginosa*.

***Psitteuteles weberi*** Büttikofer, 1894: 290, taf. XVII, fig. 1 = *Trichoglossus weberi* (Büttikofer, 1894).

Syntype, RMNH.AVES.88130, adult male, skin and partial skeleton. Loc.: Endeh, Flores, [Indonesia], xii.1888. Leg.: M.W.C. Weber, 1893.  
Syntype, RMNH.AVES.88131, adult, sex unknown, skin. Loc.: Reo, North West Flores, [Indonesia], xii.1888. Leg.: M.W.C. Weber, 1893.

Syntype, RMNH.AVES.88132, adult, sex unknown, skin. Loc.: Reo, North West Flores, [Indonesia], xii.1888. Leg.: M.W.C. Weber, 1893.

Syntype, RMNH.AVES.88133, immature, skin. Loc.: Bari, Flores, [Indonesia], xi.1888. Leg.: M.W.C. Weber, 1893.

Syntype, ZMA.AVES.32100, adult female, skin and partial skeleton (RMNH.AVES.255730). Loc.: Endeh, Flores, [Indonesia], 4.i.1889. Leg.: M.W.C. Weber.

The syntype from the former ZMA collection was collected on 4.i.1889. Büttikofer stated to have specimens from November and December 1888. Since all other data are correct, we assume this to be the fifth syntype.

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