

TYPES OF BIRDS IN THE TRING MUSEUM.

By ERNST HARTERT, PH.D.

B. Types in the General Collection.

Continued from NOVITATES ZOOLOGICAE, 1919, p. 178.

NECTARINIIDAE.

339. *Aethopyga seheriae owstoni* Rothsch. = *Aethopyga seheriae owstoni*.

Aethopyga seheriae owstoni Rothschild, *Bull. B.O. Club*, xxv. p. 32 (Nauchau Island, Kwangtung, South China).

Type: ♂ ad., Nauchau Island, 6.i.1907. Collected by Alan Owston's collectors. No. 10.

340. *Aethopyga seheriae tonkinensis* Hart. = *Aethopyga seheriae tonkinensis*.

Aethopyga seheriae tonkinensis Hartert, *Bull. B.O. Club*, xxxviii. p. 7 (1917—Yen-Bai, Tonkin).

Type: ♂ ad., Yen-Bai, Tonkin, 7.ix.1911. N. Kuroda Coll.

341. *Aethopyga siparaja niasensis* Hart. = *Aethopyga siparaja niasensis*.

Aethopyga siparaja niasensis Hartert, *Orn. Monatsber.* vi. p. 92 (1898—Nias).

Type: ♂ ad., Gunong Sitolie, Nias, vii.1897. Raap leg.

342. *Aethopyga latouchii* Slater = *Aethopyga christinae latouchii*.

Aethopyga latouchii Slater, *Ibis*, 1891, p. 43 (Swatow).

Types: ♂♀ ad., Chiong Pô, Swatow, January 1888. J. D. Latouche leg.

(The genera *Urodrepanis* and *Eudrepanis* are founded on differences in the shape of the middle tail-feathers in the male, while females cannot be separated generically from those of typical *Aethopyga*. I therefore do not recognize them.)

343. *Cinnyris afra graueri* Neum. = *Cinnyris afra graueri*.

Cinnyris afra graueri Neumann, *Bull. B.O. Club*, xxi. p. 55 (29.ii.1908—"Western Kivu Volcanoes").

Type: ♂ ad., "Vorberge der westlichen Kivu-Vulkane, im Urwalde, 2,400 m., 21.viii.1907." Rud. Grauer leg. No. 1,040.

Of this *Cinnyris schubotzi* Rehw., *Orn. Monatsber.*, March 1908, p. 47, is a synonym, though *graueri* may have only a day's priority.

† 344. *Cinnyris ansorgei* Hart. = *Cinnyris reichenowi* Sharpe.

Cinnyris ansorgei Hartert, in Ansorge's *Under the African Sun*, p. 350. pl. ii. fig. 1 (1899—Nandi).

Type: ♂ ad., Nandi, E. Africa, 16.iii.1898. W. J. Ansorge leg.

Though, at the time, believed to be distinct by Reichenow and Neumann, the supposed differences from *reichenowi* cannot be maintained.

345. **Cinnyris chloropygia bineschensis** Neum. = *Cinnyris chloropygia bineschensis*.

Cinnyris chloropygia bineschensis Neumann, *Orn. Monatsber.* 1903, p. 185 ("Binescho westlich von Kaffa am Quellgebiet des Gelo, Sobatsystem").

Type: ♂ ad., Village Detchabasa, Binesho, 22.iv.1901. Oscar Neumann leg. No. 1,153.

The differences stated by the author are quite conspicuous, though only one specimen was obtained.

346. **Cinnyris gutturalis inaestimata** Hart. = *Cinnyris senegalensis inaestimata*.

Cinnyris gutturalis inaestimata Hartert, Ansorge's *Under the African Sun*, p. 351 ("East Africa." Sic!).

Type: ♂ ad., Dar-es-Salaam, November 1895.

This form is quite distinct from *C. sen. gutturalis* of South Africa, as well as from *C. sen. saturator* Rehw. of South-Western Africa, being considerably smaller than both.

347. **Cinnyris alinae vulcanorum** Hartert subsp. nov.

(Ex Neumann MS. in Museo Tring.)

Type: ♂ ad., "Vorberge der westlichen Kivu-Vulkane, im Urwald, 2,400 m., 26.viii.1907." Rud. Grauer leg. No. 1,107.

Grauer collected 14 adult males, 3 females, and 3 young on the western Kivu Volcanoes and Karissimbi, as well as west of Baraka. These differ from *Cinnyris alinae alinae* of Mt. Ruwenzori (Ronssoro) in having the crown not purplish blue, merging into green on the nape, but more or less green all over, a few specimens only approaching *C. alinae alinae*.

The breast is also of a darker, more blackish brown, thus more in contrast with the lower abdomen. The females differ in lacking the lemon-yellow pectoral tufts, which are only indicated by a few yellowish white elongated feathers, besides which they are smaller and paler on the abdomen.

I have adopted the name proposed in MS. in the Tring Museum and the type selected by Professor Neumann, who failed to publish the name and description.

348. **Cinnyris oritis** Rehw. = *Cinnyris oritis*.

Cinnyris oritis Reichenow, *Journ. f. Orn.* 1892, p. 190 (Kamerun).

Cotype: ♂, Buea, Kamerun, 21.vi.1891, 950 m. Preuss leg. (Exchanged from the Berlin Museum.)

349. **Cinnyris infrenata** Hart. = *Cinnyris jugularis infrenata*.

Cinnyris infrenata Hartert, *Nov. Zool.* x. p. 29 (1903—Tukang Besi Islands).

Type: ♂ ad., Tomia, Tukang Besi group, S.E. of Celebes, 23.xii.1901. Heinrich Kühn leg. No. 4,419.

350. **Cinnyris frenata meyeri** Hart. = *Cinnyris jugularis meyeri*.

Cinnyris frenata meyeri Hartert, *Nov. Zool.* iv. p. 156 (1897—"Northern Celebes").

Type: ♂ ad., Menado tua, N. Celebes, 13.iv.1893. C. W. Curshaw leg.

351. **Cinnyris frenata dissentiens** Hart. = *Cinnyris jugularis dissentiens*.

Cinnyris frenata dissentiens Hartert, *Nov. Zool.* iii. p. 152 (1896—Bonthain Peak, South Celebes); *Nov. Zool.* iv. pp. 155, 156.

Type: ♂ ad., Indrulaman, Bonthain Peak, October 1895. Alfred Everett leg.

352. **Cinnyris frenata saleyerensis** Hart = *Cinnyris jugularis saleyerensis*,

Cinnyris frenata saleyerensis Hartert, *Nov. Zool.* iv. p. 156 (1897—"Insula Saleyer dicta").

Type: ♂ ad., Saleyer (Seleyer), November 1895. Alfred Everett leg.

353. **Cinnyris clementiae keiensis** Stres. = *Cinnyris clementiae keiensis*.

Cinnyris clementiae keiensis Stresemann, *Nov. Zool.* xx. p. 309 (1913—Key Islands).

Type: ♂ ad., Add, north of Great Key, 20.vii.1900. Heinrich Kühn leg. No. 2,792.

354. **Cinnyris zenobia buruensis** Hart. = *Cinnyris clementiae buruensis*.

Cinnyris zenobia buruensis Hartert, *Bull. B.O. Club*, xxvii. p. 12 (1910—Buru).

Type: ♂ ad., Bara (Buru), September 1898. Dumas leg.

About the priority of the name *clementiae* cf. Sherborn and Woodward, *Ann. and Mag. Nat. Hist.* (7) vii. 1901, p. 391, NOVITATES ZOOLOGICAE, xx p. 309.

355. **Cinnyris büttikoferi** Hart. = *Cinnyris büttikoferi*.

Cinnyris büttikoferi Hartert, *Nov. Zool.* iii. p. 581 (1896—Sumba).

Type: ♂ ad., Sumba, February 1896. Will. Doherty leg.

This interesting bird resembles very much *Cinnyris aurora* from the Philippine Islands; a comparative study of all forms of *Cinnyris* will probably lead to its being classed as a subspecies of *C. aurora*.

356. **Cinnyris solaris degener** Hart. = *Cinnyris solaris degener*.

Cinnyris solaris degener Hartert, *Nov. Zool.* xi. p. 214 (1904—South Flores).

Type: ♂ ad., Endeh, S. Flores, 12.ix.1896. Alfred Everett leg. No. 6,039.

357. **Cinnyris solaris exquisita** Hart. = *Cinnyris solaris exquisita*.

Cinnyris solaris exquisita Hartert, *Nov. Zool.* xi. p. 214 (1904—Wetter Island).

Type: ♂ ad., Wetter, 30.ix.1902. Heinrich Kühn leg. No. 5,609.

358. **Arachnothera longirostris prillwitzii** Hart. = *Arachnothera longirostra prillwitzii*.

Arachnothera longirostris prillwitzii Hartert, *Nov. Zool.* viii. p. 51 (1901—Java).

Type: "♀" ad., Mt. Gedeh, Java, 3,000 ft., 10.vii.1898. Ernst Prillwitz leg. No. 14.

359. *Arachnothera longirostra rothschildi* Oort = *Arachnothera longirostra rothschildi*.

Arachnothera longirostra rothschildi van Oort, *Notes Leyden Mus.* xxxii. p. 195 (1910—Natuna Islands, Bunguran).

Type (marked as *rothschildi* by van Oort, who had only our 10 Natuna specimens): ♀ ad., Bunguran Island, September 1893. Alfred Everett leg.

360. *Arachnothera juliae* Sharpe = *Arachnothera juliae*.

Arachnothera juliae Sharpe, *Ibis*, 1887. p. 451. pl. xiv. (Kina Balu, Borneo).

Type: ♂ ad., Kina Balu, 3,000 feet, 19.ii.1887. John Whitehead leg. No. 984.

361. *Anthreptes longmari angolensis* Neum. = *Anthreptes longmari angolensis*.

Anthreptes longmari angolensis Neumann, *Journ. f. Orn.* 1906. p. 246 (Angola).

Type: ♂ ad., Duque de Braganza, northern Angola, 31.vii.1903. W. J. Ansorge leg. No. 838.

This form *seems* to be all right, but requires further confirmation, because of its variability.

362. *Cinnyris souimanga apolis* Hart., subsp. nov.

Subspeciei *Cinnyris souimanga souimanga* dictae similis sed differt abdomine pallidiore, sulfurescente.

Years ago Lord Rothschild bought from a dealer in Paris, now deceased, a number of beautiful skins from Madagascar, all labelled "C. O. Madagascar," which, judging from the species and subspecies it contained, must mean *Côte occidentale*, i.e. west coast of Madagascar. Out of this collection Professor Neumann described a new form of *Abbotornis*, calling it *Abbotornis schistocercus* (*Bull. B.O. Club*, xxiii. p. 11, 1908), and it contains the light form of *Mirafra hova* known to inhabit West Madagascar. In this lot are also three males of *Cinnyris souimanga*, which differ from a series of 13 from various other parts of Madagascar in the Tring Museum, and about as many in the British Museum, by having the abdomen pale sulphur-yellow instead of more or less rich yellow, the flanks much paler, not olivaceous, and the ornamental pectoral tufts of a lighter yellow. Unfortunately the exact locality of these birds is not known, therefore the name *apolis*, meaning homeless. It is true that in the description of Brisson, from whom Gmelin took his *souimanga*, the abdomen is described as pale yellow, and that in Audebert & Vieillot's *Oiseaux dorées* it is not bright, not clear, light, sulphur-yellow as in *apolis*, but dirty as in *aldabranus*; but at that time specimens were not preserved as they are nowadays, and often faded (perhaps from spirits), so that the descriptions must be taken *cum grano salis*.

Type: ♂ ad., west coast of Madagascar. Purchased in Paris. "Native name Sohy."

363. *Anthreptes malaccensis wiglesworthi* Hart. = *Anthreptes malaccensis wiglesworthi*.

Anthreptes malaccensis wiglesworthi Hartert, *Nov. Zool.* ix. p. 209 (1902—Sulu Islands).

Type: ♂ ad., Sulu Island, 1.v.1883. Dr. Powell leg.

364. *Anthreptes hypogrammica intensior* Hart. = *Anthreptes hypogrammica intensior*.

Anthreptes hypogrammica intensior Hartert, *Bull. B.O. Club*, xxxviii. p. 27 (1917—Borneo).

Type : ♂ ad., Balingean, Sarawak, Borneo, 9.vi.1903. Brook leg. No. 22.

DICAEIDAE.

365. *Dicaeum mysoriense* Salvad. = *Dicaeum geelvinkianum mysoriense*.

Dicaeum mysoriense Salvadori, *Ann. Mus. Civ. Genova*, vii. p. 945 (1875—Korido, Misovi = Schouten Islands).

Cotype : ♂ ad., "Korido," Schouten Islands, 20.v.1875. Odoardo Beccari leg. Specimen "e" of Salvadori's list, marked in the author's handwriting "Typus" and "nov. sp."

366. *Dicaeum geelvinkianum diversum* R. & H. = *Dicaeum geelvinkianum diversum*.

Dicaeum geelvinkianum diversum Rothschild & Hartert, *Nov. Zool.* x. p. 215 (1903—"North coast of Dutch New Guinea").

Type : ♂ ad., Lower Ambernoh (= Mamberano or Rochussen) River. J. Dumas leg. No. 117.

367. *Dicaeum geelvinkianum rosseli* R. & H. = *Dicaeum geelvinkianum rosseli*.

Dicaeum geelvinkianum rosseli Rothschild & Hartert, *Bull. B.O. Club*, xxxv. p. 32 (December 1914—Rossel Island).

Type : ♂ ad., Rossel Island, Louisiade group, 3.ii.1898. A. S. Meek leg. No. 1,362.

368. *Dicaeum kühni* Hart. = *Dicaeum kühni*.

Dicaeum kühni Hartert, *Nov. Zool.* x. p. 25 (1903—Tukang Besi Islands).

Type : ♂ ad., Kalidupa, 31.xii.1901, Heinrich Kühn leg. No. 4,587.

This may be a subspecies of *D. celebicum*, and so might *D. sanghirense* and *sulaense*, but a lengthy study of all these forms is necessary to fully understand their relationship.

369. *Dicaeum neglectum* Hart. = *Dicaeum mackloti neglectum*.

Dicaeum neglectum Hartert, *Nov. Zool.* iv. p. 264 (1897—Lombok).

Type : ♂ ad., North Lombok, 2,000 feet, vii.1896. Alfred Everett leg.

370. *Dicaeum mackloti romae* Hart. = *Dicaeum mackloti romae*.

Dicaeum mackloti romae Hartert, *Nov. Zool.* xiii. p. 300 (1906—Roma Island).

Type : ♂ ad., Roma, 10.viii.1902. Heinr. Kühn leg. No. 5,399.

371. *Dicaeum apo* Hart. = *Dicaeum luzoniense apo*.

Dicaeum apo Hartert, *Bull. B.O. Club*, xiv. p. 79 (1904—Mt. Apo, Mindanao).

Type : ♂ ad., Mount Apo, Mindanao, 3,000 feet, x.1903. John Waterstradt leg.

372. *Dicaeum bonga* Hart. = *Dicaeum luzoniense bonga*.

Dicaeum bonga Hartert, *Bull. B.O. Club*, xiv. p. 80 (1904—Bonga, Samar).

Type : ♂ ad., Bonga, Samar, Philippine Islands, 18.vi.1896. John Whitehead leg. No. B 631.

373. *Dicaeum trigonostigma megastoma* Hart. = *Dicaeum trigonostigma megastoma*.

Dicaeum trigonostigma megastoma Hartert, *Bull. B.O. Club*, xxxviii. p. 74 (1918—Bunguran, Natuna Islands).

Type : ♂ ad., Bunguran, 7.x.1893. Alfred Everett leg.

374. *Dicaeum trigonostigma flaviclunis* Hart. = *Dicaeum trigonostigma flaviclunis*.

Dicaeum trigonostigma flaviclunis Hartert, *Bull. B.O. Club*, xxxviii. p. 75 (1918—Java).

Type : ♂ ad., Karangbolong, S. Java, April—May 1901. Ernst Prillwitz leg.

375. *Dicaeum sollicitans* Hart. = *Dicaeum minullum sollicitans*.

Dicaeum sollicitans Hartert, *Nov. Zool.* viii. p. 52 (1901—Java).

Type : ad., Mt. Gedeh, Java, 3—5,000 feet. Collected between October 1897 and January 1898, by Ernst Prillwitz. No. 73.

Stresemann collected this rare little bird on Bali.

376. *Dicaeum nigrilore* Hart. = *Dicaeum nigrilore*.

Dicaeum nigrilore Hartert, *Bull. B.O. Club*, xv. p. 8 (1904—Mindanao).

Type : ♂ ad., Mount Apo, Mindanao, October 1903, 3,000 feet. John Waterstradt leg. No. W 302 a.

Waterstradt sent us 13 specimens of this very distinct species, all from Mt. Apo, some of them young. The latter have the crown and forehead of the same brown colour as the back.

377. *Prionochilus inexpectatus* Hart. = *Prionochilus bicolor inexpectatus*.*

Prionochilus inexpectatus Hartert, *Nov. Zool.* ii. p. 64 (1895—Luzon, Mindoro).

Type : ♂ ad., North Mindoro, 30.xii.1894. Alfred Everett leg.

378. *Prionochilus Plateni* Blas. = *Prionochilus xanthopygius plateni*.

Prionochilus Plateni Wilh. Blasius, *Braunschw. Auzeig.* No. 37, 12.ii.1888. p. 335; *Ornis*, 1888, p. 313 (Palawan).

Type : ♂ ad., Puerto Princesa, Palawan, 22.vii.1887. Dr. Platen leg. (Exchanged from Ad. Nehrkorn.)

* Oberholser rejects the name *Prionochilus* because of the earlier name *Prionocheilus*, and adopted the name *Anaimos* Reichenbach, 1883. Though the two names are evidently only different Latin renderings of the same Greek name, I suppose they are easily distinguishable and should both be accepted. No nomenclatorial rule demands the contrary.

The names of new forms described by Blasius in the *Braunschweigische Anzeigen*, 1888, have priority over the names given by Sharpe in the *Ibis*, 1888. Blasius exhibited the Palawan collection, which was the property of Mr. Nehrkorn, at a meeting of the Braunschweig Natural History Society, and reports of the meeting were published, with full descriptions of the new birds, in the *Anzeigen* of February 12th and March 1st. These descriptions have been republished in the *Ornis*, 1888, where a full report of the collections is given. Though the descriptions in the *Ornis* appeared later, those in the *Braunschweigische Anzeigen* were earlier than Sharpe's, which appeared in the April *Ibis*. Objectionable as it is for any scientific person to allow diagnoses of new forms to be published for the first time in a newspaper, whether daily or weekly, or any other periodical not devoted to science entirely or primarily, such names must be accepted, as a line cannot be drawn between the various kinds of publications. This is universally admitted, and such names have been adopted. An exception therefore cannot be made in the case of Blasius's names, though Sharpe (cf. for example *Hand-list B. v. p. 30*) preferred his own.

† 378 a. **Prionochilus johannae** Sharpe = *Prionochilus xanthopygius plateni*.

Prionochilus johannae Sharpe, *Ibis*, April 1888. p. 201. pl. iv. fig. 1 (Palawan).

Type: ♂ ad., Taguso, Palawan, 25.vi.1887. John Whitehead leg. No. 1,427.

379. **Pristorhamphus versteri meeki** R. & H. = *Pristorhamphus versteri meeki*.

Pristorhamphus versteri meeki Rothschild & Hartert, *Bull. B.O. Club*, xxix. p. 36 (1911—Mt. Goliath).

Type: ♂ ad., Mount Goliath, Eastern Central Dutch New Guinea, 8.ii.1911. A. S. Meek Coll. No. 5,332.

C. Boden Kloss collected specimens on the Utakwa River, from 2,900 to 8,000 feet, in the Snow Mountains, of which Mt. Goliath is part of the eastern range.

380. **Pristorhamphus versteri albescens** R. & H. = *Pristorhamphus versteri albescens*.

Pristorhamphus versteri albescens Rothschild & Hartert, *Bull. B.O. Club*, xxix. p. 36 (1911—Mountains of British New Guinea).

Type: ♂ ad., Kotoi district, Owen Stanley Mountains, 4,000 feet, 12.viii. 1898. A. S. Anthony leg.

381. **Eafa maculata** R. & H. = *Rhamphocharis maculata*.

Eafa maculata Rothschild & Hartert, *Nov. Zool.* x. p. 448 (1903—Owen Stanley Range, British New Guinea).

Type: (♀ ad.), Eafa district, Owen Stanley Mts., between 1,000 and 3,000 feet, 1902. A. S. Anthony leg. (Purchased from McIlwraith & McEacharn in London.)

(About the generic name, etc., see NOVITATES ZOOLOGICAE, 1907, p. 478.)

INCERTAE SEDIS.*

382. *Parmoptila ansorgei* Hart. = *Parmoptila woodhousei ansorgei*.

Parmoptila ansorgei Hartert, *Bull. B.O. Club*, xiv. p. 72 (1904—Angola).

Type: ♂ ad., Golungo Alto, N. Angola, 9.i.1904. W. J. Ansorge leg. No. 13.

This subspecies is very closely allied to *P. woodhousei woodhousei* from Gabun and Kamerun, differing only in being a little paler, both on the throat and head and on the upperside, and the wing is about 2 or 3 mm. longer. There is a good figure of *P. w. woodhousei* in the *Ibis*, 1909, plate II.

ZOSTEROPIDAE.

383. *Zosterops poliogastra erlangeri* Neum. = *Zosterops poliogastra erlangeri*.

Zosterops poliogastra erlangeri Neumann, *Bull. B.O. Club*, xxi. p. 60 (1908—"High mountains of South Ethiopia, Shoa, Harar, Arussi Mountains, and the Omo region").

Type: ♂ ad., Gadut in Gofa, 31.i.1901. Oscar Neumann leg. No. 733.

384. *Zosterops omoensis* Neum. = *Zosterops omoensis*.

Zosterops omoensis Neumann, *Orn. Monatsber.* 1904. p. 162 ("Täler des Omo-Gebietes").

Type: ♂ ad., Senti valley, between Uba and Gofa, 28.i.1901. Oscar Neumann leg. No. 690.

I am inclined to think that *omoensis* must be a subspecies of *Z. abyssinicus*.

385. *Zosterops abyssinica socotrana* Neum. = *Zosterops abyssinica socotrana*.

Zosterops abyssinica socotrana Neumann, *Bull. B.O. Club*, xxi. p. 59 (1908—Sokotra).

Type: ♂ ad., Dahamis, Sokotra, 350 feet, 20.xii.1898. Ogilvie-Grant and Forbes Coll. No. 190.

This form is distinguished from *Z. abyssinica abyssinica* by the lighter, more whitish underside. The difference in the colour of bill and feet is striking in comparing our skins from Abyssinia and Sokotra, but the feet look dark again in those from the Wagar mountains, Somaliland.

? † 386. *Zosterops smithi* Neum. = *Zosterops senegalensis jubaensis*.

Zosterops jubaensis Erlanger, *Orn. Monatsber.* 1901. p. 182 (Damasso, Gurra, Juba River).

Zosterops smithi Neumann, *Orn. Monatsber.* 1902. p. 139 (Sillul, Bodele, Western Somaliland).

Type: ♂, Bodele, Sillul, 1.viii.1894. Donaldson Smith leg. No. 140.

Probably = *jubaensis*, but topotypical specimens of latter required to be certain of this.

* The genera *Pholidornis* Hartl. 1857, *Parmoptila* Cass. 1859, and *Lobornis* Sharpe 1874 (the last evidently not distinct from *Parmoptila*, having been described from the young) are of very doubtful systematic position. In the *Cat. B. Brit. Mus.* x. Sharpe placed them among the *Dicaeidae*, before and after "*Prionochilus*," but in the *Hand-list*, iv. p. 233, he put them in the *Sylviidae*, evidently following Shelley, while Reichenow had them at the end of the *Paridae*. Neither of these positions seems to me satisfactory. The bill certainly has a striking resemblance with that of certain *Dicaeidae* (*Dicaeum*), but the strong feet and tarsi and the somewhat hard and scanty, almost scale-like plumage are utterly different. The strong feet, large-scaled (not scutellate!) tarsus, and hard plumage (chiefly in *Pholidornis*) remove them at once from the *Sylviidae*. The feet have certainly much resemblance to those of the *Paridae*, but the hard plumage and free nostrils, not overhung by antrorse feathers, are not at all characters of the *Paridae*. Perhaps this little group should form a separate family. It would be very valuable to study the biology and to discover nest and eggs of these interesting little birds.

387. *Zosterops superciliosa* Rchw. = *Zosterops senegalensis superciliosa*.

Zosterops superciliosa Reichenow, *Journ. f. Orn.* 1892. p. 192 (Kiri and Fadjulli).

Type or Cotype: ♂ ad., Fadjulli. Emin Pasha leg. (Purchased from Hartlaub.)

Neumann, *Orn. Monatsber.* 1904, p. 111, says that only two specimens, one in the British, one in the Tring Museum, existed, and he marked ours from Fadjulli as the type. Probably Reichenow borrowed this from Hartlaub before it came to Tring, and it was the only one he had seen at the time. Should he have examined the British Museum specimen as well, ours would be the cotype. Reichenow did not, and does not nowadays, quote the exact date and number, etc., of type specimens.

388. *Zosterops kaffensis* Neum. = *Zosterops virens kaffensis*.

Zosterops kaffensis Neumann, *Orn. Monatsber.* 1902. p. 10 (Kaffa); *Zosterops virens kaffensis* id., *Journ. f. Orn.* 1906. p. 243.

Type: ♂ ad., Anderatscha, Kaffa, 11.iii.1901. Oscar Neumann leg. No. 994.

389. *Zosterops schoana* Neum. = *Zosterops virens schoana*.

Zosterops schoana Neumann, *Orn. Monatsber.* 1903. p. 185 (Schoa).

Zosterops virens schoana id., *Journ. f. Orn.* 1906. p. 242.

Type: ♀ ad., Abuje, province of Gindcherat, Schoa, 3.x.1900. Oscar Neumann leg. No. 134.

390. *Zosterops westernensis vegeta* Hart. = *Zosterops lateralis vegeta*.

Zosterops westernensis vegeta Hartert, *Nov. Zool.* vi. p. 425 (1899—Cape York, N. Queensland).

Type: ♂ ad., Cape York, 15.vii.1898. Eichhorn leg. (No. 1,941 of the Meek collections.)

(Mathews, in his latest *List of the Birds of Australia*, makes *vegeta* a synonym of *Zosterops lateralis ramsayi*. [*Zosterops ramsayi* Masters, *Proc. Linn. Soc. N. S. Wales*, i. p. 56, 1875, from "Palm Island" in Torres Strait.] When I named *vegeta* I was not acquainted with Masters's description, but it does not suit my *vegeta*. The middle of the abdomen is whitish and not "light grey," and the wing measures 56–57, and not over 60 mm. ["2.4 inches"]. The suggestion that *vegeta* is *ramsayi* therefore cannot be accepted and must remain doubtful until specimens from "Palm Island" have been examined. Where "Palm Island" is I do not know, nor does Mathews (*in litt.*), as neither our maps nor the *Pacific Ocean Directory* give it.

391. *Zosterops sumbavensis* Guill. = *Zosterops intermedia sumbavensis*.

Zosterops sumbavensis Guillemard, *Proc. Zool. Soc. London*, 1885. p. 508 (Sumbawa).

Cotype: "♀?", Bima, Sumbawa, 14.viii.1883, specimen *b*. R. ff. Powell leg. (Guillemard Collection, made during the voyage of the yacht *Marchesa*.)

It is evident that the two specimens, *a* and *b*, are both discoloured, the brownish golden coloration not being the natural one. We have similarly

discoloured specimens of *Z. chloris*. Our specimens collected at Tambora (Doherty) and Bima (Everett) are very closely allied to *Z. intermedia intermedia* from South Celebes, but their wings are 2 to 3 mm. longer, the bills larger. This is therefore a very close subspecies of *intermedia*; but it is quite possible that a complete monographic study of the genus will lead to the grouping of even *intermedia* as a subspecies of another previously named species.

392. *Zosterops intermedia periplecta* Hart., subsp. nov.

Eight specimens of this *Zosterops*—three from Everett, five from Doherty—are underneath paler and on the upperside a little more olivaceous green, less golden than *Z. i. intermedia* and *Z. i. sumbavensis*, while the bills are at least as strong as in the latter, and the wings fully as long and sometimes even 1 or 2 mm. longer.

Type : ♂ ad., Lombok, 1,500 feet, May 1896. Alfred Everett leg.

393. *Zosterops unica* Hart. = *Zosterops unica*.

Zosterops unica Hartert, *Nov. Zool.* iv. p. 520 (1897—Nanga Ramau).

Type : adult (sex ?), Nanga Ramau, S. Flores, October 1896. Alfred Everett leg.

I have so far never seen a second specimen. It might be looked upon as a subspecies of *Z. intermedia*, but in a genus like *Zosterops* characters like the bright-yellow rump patch, black tail, smaller size, and apparently deep black bill suggest a separate species.

394. *Zosterops flavissima* Hart. = *Zosterops flavissima*.

Zosterops flavissima Hartert, *Nov. Zool.* x. p. 29 (1903—Tukang Besi Islands).

Type : ♂ ad., Binungku, Tukang Besi Islands, 9.xii.1901. Heinrich Kühn leg. No. 4,215.

395. *Zosterops obstinatus* Hart. = *Zosterops obstinatus obstinatus*.

Zosterops obstinatus Hartert, *Nov. Zool.* vii. p. 238 (1900—Batjan).

Type : ♀ ad., Batjan, 4,000 feet, September 1897. Will. Doherty leg.

396. *Zosterops obstinatus ternatanus* Stres. = *Zosterops obstinatus ternatanus*.

Zosterops obstinatus ternatanus Stresemann, *Nov. Zool.* xxi. p. 139 (1914—Ternate).

Type : ♀ ad., Ternate, 3—4,000 feet, September 1896. William Doherty leg.

397. *Zosterops obstinatus seranensis* Stres. = *Zosterops obstinatus seranensis*.

Zosterops obstinatus seranensis Stresemann, *Nov. Zool.* xxi. p. 139 (1914—Seran).

Type : ♂ ad., Gunong Pinaia, Ceram (Seran), 6,000 feet, 15.viii.1911. Erwin Stresemann leg. No. 878.

(In Stresemann's article on the birds of Ceram, *NOVITATES ZOOLOGICAE*, 1914, no mention is made of *Zosterops tudjuensis* Oort, *Notes Leyden Mus.* xxxiv.

p. 65, 1912, from the Pulu Tudju group north of Ceram. Though the description does not agree with *Z. o. seranensis*, it must be a near ally, and as the Pulu Tudju group appears to be very close to Ceram, should be included in the Ceram Fauna. Perhaps *obstinatus* and its allies, *ternatanus* and *seranensis*, might be looked upon as subspecies of *Z. chloris* !)

398. *Zosterops admiralitatis* R. & H. = *Zosterops fuscicapilla admiralitatis*.

Zosterops admiralitatis Rothschild & Hartert, *Bull. B.O. Club*, xxxiii. p. 108 (1914—Manus, Admiralty Islands); cf. also *Nov. Zool.* 1914. p. 298 !

Type : ♂ ad., Manus, 23.ix.1913. Eichhorn leg. (No. 6,132 of the A. S. Meek collections.)

399. *Zosterops semperi owstoni* Hart. = *Zosterops semperi owstoni*.

Zosterops semperi owstoni Hartert, *Nov. Zool.* vii. p. 2 (1900—Ruk Island).

Type : ad., Truk (or Ruk) Island, Carolines, 7.v.1896. (Collected by Alan Owston's Japanese collectors.)

400. *Zosterops meeki* Hartert = *Zosterops meeki*.

Zosterops meeki Hartert, *Nov. Zool.* v. p. 528 (1898—Sudest Island, Louisiade group).

Type : ♂ ad., Sudest Island, 18.iv.1898. A. S. Meek leg. No. 1,753.

We have now 10 specimens of this beautiful species.

401. *Zosterops palpebrosa alani* Hart. = *Zosterops palpebrosa alani*.

Zosterops palpebrosa alani Hartert, *Bull. B.O. Club*, xv. p. 45 (1905—South Dionisio, Volcano Islands, south of the Bonin group).

Type : ♂ ad., South Dionisio, 29.v.1904. Collected by Alan Owston's Japanese collectors.

402. *Zosterops palpebrosa foghaensis* Stres. = *Zosterops palpebrosa foghaensis*.

Zosterops palpebrosa foghaensis Stresemann, *Nov. Zool.* xix. p. 347 (1912—Gunong Fogha, Buru).

Type and unique specimen : ♀ ad., Gunong Fogha, 5,500 feet, 28.ii.1912. Erwin Stresemann leg. No. 1,091.

403. *Zosterops palpebrosa harterti* Stres. = *Zosterops palpebrosa harterti*.

Zosterops palpebrosa harterti Stresemann, *Nov. Zool.* xix. p. 347 (1912—Alor).

Type : ♂ ad., Alor, 30.iii.1897. Alfred Everett leg.

† 404. *Zosterops clara* Sharpe = *Zosterops atricapilla* Salvad.

Zosterops clara Sharpe, *Ibis*, 1888. p. 479 (Kina Balu, Borneo).

Type : ♂ ad., Mt. Kina Balu, 4,000 feet, 9.iii.1888. John Whitehead leg. No. 2,179.

(Sharpe, when describing *Z. clara*, did not compare it with *Z. atricapilla* (Salvadori, *Ann. Mus. Genova*, xiv. p. 215, 1879), which he quite overlooked. After comparing two skins from Mt. Korinchi, Sumatra, collected by Robinson and Kloss, with six from Kina Balu, I must agree with Finsch, who united *clara*

and *atricapilla*. It is of course possible that slight differences may become obvious between the Sumatran and Bornean birds, but so far we are not justified in separating them.)

405. *Zosterops vellalavella* Hart. = *Zosterops vellalavella*.

Zosterops vellalavella Hartert, *Bull. B.O. Club*, xxi. p. 106 (1908—Vella Lavella Island, Solomon group).

Type : ♂ ad., Vella Lavella, 26.ii.1908. A. S. Meek Coll. No. 3,856.

406. *Zosterops kühni* Hart. = *Zosterops kühni*.

Zosterops kühni Hartert, *Bull. B.O. Club*, xvi. p. 82 (1906—Amboina).

Type : ♂ ad., Amboina, 16.ii.1906. Heinrich Kühn leg. No. 7,280.

407. *Zosterops kulambangrae* R. & H. = *Zosterops rendovae kulambangrae*.

Zosterops kulambangrae Rothschild & Hartert, *Nov. Zool.* viii. p. 180 (1901—Kulambangra, Central Solomon Islands).

Type : ♂ ad., Kulambangra, 13.iii.1901. A. S. Meek Coll. No. 2,875.

408. *Zosterops luteirostris* Hart. = *Zosterops luteirostris*.

Zosterops luteirostris Hartert, *Bull. B.O. Club*, xiv. p. 61 (1904—Gizo, Solomon Islands).

Type : ♂ ad., Gizo, 2.xi.1903. A. S. Meek Coll. A. 724.

409. *Zosterops aignani* Hart. = *Zosterops aignani*.

Zosterops aignani Hartert, *Nov. Zool.* vi. p. 210 (1899—St. Aignan Island, Louisiade group).

Type : ♂ ad., St. Aignan, 7.xii.1897. A. S. Meek Coll. No. 1,132.

410. *Zosterops floridana* R. & H. = *Zosterops floridana*.

Zosterops floridana Rothschild & Hartert, *Nov. Zool.* viii. p. 180 (1901—Florida Island, Solomon Islands).

Type : ♂ ad., Florida Island, 28.xii.1900. A. S. Meek Coll. No. 2,704.

411. *Zosterops whiteheadi* Hart. = *Zosterops whiteheadi whiteheadi*.

Zosterops whiteheadi Hartert, *Bull. B.O. Club*, xiv. p. 13 (1903—Lepanto district, N. Luzon).

Type : ♂ ad., Lepanto, N. Luzon, 5,000 feet, 14.xii.1894. John Whitehead leg. No. 819.

412. *Zosterops whiteheadi vulcani* Hart. = *Zosterops whiteheadi vulcani*.

Zosterops whiteheadi vulcani Hartert, *Bull. B.O. Club*, xiv. p. 14 (1903—Mt. Apo, South Mindanao).

Type : ♂ ad., Mt. Apo, 8,000 feet, iv.1903. Walter Goodfellow leg.

413. *Zosterops japonica insularis* Ogawa = *Zosterops insularis*.

Zosterops japonica insularis Ogawa, *Annot. Zool. Japon.* v. p. 186 (1905—Islands of Tanega [Tanegashima] and Yaku, south of Japan).

Type : ♂ ad., Tanega, 12.xi.1904. Collected by Alan Owston's Japanese collectors. (No. 1,330.)

I cannot consider this very distinct form to be a subspecies of *japonica*. In the coloration of the sides it is somewhat intermediate between the latter and *erythropleura*.

414. **Zosterops alberti** R. & H. = *Zosterops alberti*.

Zosterops alberti Rothschild & Hartert, *Nov. Zool.* xv. p. 364 (1908—San Christoval, Solomon Islands).

Type: ♂ ad., San Christoval, 25.iv.1908. A. S. Meek Coll. No. 4,078.

415. **Oreozosterops javanica elongata** Stres. = *Oreozosterops javanica elongata*.

Oreozosterops javanica elongata Stresemann, *Nov. Zool.* xx. p. 366 (1913—Bali).

Type: ♂ ad., Gunong Bratan, Bali, 27.i.1911. Erwin Stresemann leg. No. 211.

(It is perhaps as well to recognize the genus *Oreozosterops*.)

416. **Zosterops goodfellowi** Hart. = *Oreozosterops goodfellowi*.

Zosterops goodfellowi Hartert, *Bull. B.O. Club*, xiv. p. 13 (1903—Apo Volcano, Mindanao).

Type: ♀ ad., Mt. Apo, 8,000 feet, iv.1903. Walter Goodfellow leg. No. 124 a.

417. **Zosterops superciliaris** Hart. = *Oreozosterops superciliaris*.

Zosterops superciliaris Hartert, *Nov. Zool.* iv. p. 172 (1897—South Flores).

Type: ♀ ad., South Flores, above 3,000 feet, October 1896. Alfred Everett leg.

418. **Oreozosterops pinaiae** Stres. = *Oreozosterops pinaiae*.

Oreozosterops pinaiae Stresemann, *Bull. B.O. Club*, xxxi. p. 5 (1912—"Central Mountains of Middle Ceram, above 4,000 feet").

Type: ♂ ad., Gunong Pinaia, Central Ceram, 7,500 feet, 17.viii.1911. Erwin Stresemann leg. No. 877.

419. **Zosterops crassirostris** Hart. = *Pseudozosterops crassirostris*.

Zosterops crassirostris Hartert, *Nov. Zool.* iv. p. 172 (1897—South Flores).

Type: ♂ ad., South Flores, 3,500 feet, 28.x.1896. Alfred Everett leg.

(I am adopting the genera *Oreozosterops*, *Pseudozosterops*, and *Lophozosterops* at least provisionally, as in the *Hand-list of B.* v. p. 20, and by Stresemann, *NOVITATES ZOOLOGICAE*, xxi. p. 138.)

420. **Chlorocharis squamiceps** Hart. = *Pseudozosterops squamiceps*.

Chlorocharis squamiceps Hartert, *Nov. Zool.* iii. p. 70 (1896—Bonthain Peak, South Flores).

Type: ♂ ad., Bonthain Peak, 6,000 feet, October 1895. Alfred Everett leg.

421. **Chlorocharis emiliae** Sharpe = *Chlorocharis emiliae*.

Chlorocharis emiliae Sharpe, *Ibis*, 1888. p. 392 (Mt. Kina Balu, N. Borneo).

Type: ♀ ad., Kina Balu, 8,000 feet, 27.ii.1888. John Whitehead leg. No. 2,077.

422. **Lophozosterops dohertyi** Hart. = *Lophozosterops dohertyi dohertyi*.

Lophozosterops dohertyi Hartert, *Nov. Zool.* iii. p. 168 (1896—Sumbawa).

Type : ♂ ad., Tambora, Sumbawa, 1,000 feet, April—May 1896. William Doherty leg.

423. **Lophozosterops subcristatus** Hart. = *Lophozosterops dohertyi subcristatus*.

Lophozosterops subcristatus Hartert, *Nov. Zool.* iv. p. 171 (1894—Hills of South Flores).

Type : ♂ ad., South Flores, above 3,000 feet, x. 1896. Alfred Everett leg.

424. **Tephras ruki** Hart. = *Tephras ruki*.

Tephras ruki Hartert, *Bull. B.O. Club*, vii. p. v. (1897—Ruk Island, Carolines).

Type : ♂ ad., Ruk (Truk), 25.xi.1895. Alan Owston's Japanese collectors. No. B 15.

425. **Hypocryptadius cinnamomeus** Hart. = *Hypocryptadius cinnamomeus*.

Hypocryptadius cinnamomeus Hartert, *Bull. B.O. Club*, xiv. p. 13 (1903—Mt. Apo, Mindanao).

Type : ♀ ad., Mt. Apo, 8,000 feet, April 1903. Walter Goodfellow leg. No. 121.

CERTHIIDAE.

† 426. **Certhia familiaris pyrenaica** Ingram = *Certhia familiaris costae*.

Certhia familiaris pyrenaica Ingram, *Ibis*, 1913. p. 549 (near Cauterets, Central Pyrenees).

Types : ♂♂, Reine Hortense, 1,400 m., close to Cauterets, 30.xii.1906, Pine woods of the Colde Riou, 1,600 m., above Cauterets, 6.ii.1907. (The supposed ♀ is the most typical male and is from the "Sapinière de Riou.")

(In his very interesting article in *Ibis*, 1913, Ingram has correctly shown that *costae*, the Alpine form, is separable from *macroductyla*. In my book I had united it with the latter for want of material. I cannot, however, agree that "*pyrenaica*" is again separable—it seems to me to be quite like the Alpine form.)

427. **Certhia familiaris japonica** Hart. = *Certhia familiaris japonica*.

Certhia familiaris japonica Hartert, *Nov. Zool.* 1897. p. 138 (Hondo, Japan).

Type : "♂" (?), Iwaki, Hondo, Japan. From Alan Owston.

428. **Certhia familiaris corsa** Hart. = *Certhia familiaris corsa*.

Certhia familiaris corsa Hartert, *Vög. pal. Fauna*, p. 320 (1905—Corsica).

Type : ♂ ad., Vivaria, Corsica, 6.i.1884. John Whitehead leg. No. 6,184.

(Reichenow is of opinion that this form is a subspecies of *C. brachydactyla*, but it is a *familiaris*. It inhabits only the elevated mountain forests, during the breeding season. Wharton and Backhouse, however, saw Creepers in the chestnut groves; and if they should breed there, it is quite conceivable that those birds might be a form of *brachydactyla*, and that, as elsewhere, two species occurred in Corsica.)

429. *Certhia familiaris tianschanica* Hart. = *Certhia familiaris tianschanica*.*Certhia familiaris tianschanica* Hartert, *Vög. pal. Fauna*, i. p. 321 (1905—"Tianschan").

Type : ♂, Aksu, 19.ii.1902. Kutzenko leg. No. 1,801.

430. *Certhia brachydactyla ultramontana* Hart. = *Certhia brachydactyla ultramontana*.*Certhia brachydactyla ultramontana* Hartert, *Vög. pal. Fauna*, i. p. 324 (1905—"Südeuropa südlich der grossen Gebirgsketten: Italien, Spanien, Süddalmatien, Griechenland").Type : ♂ ad., Panzano, near Chianti, 3.x.1902. Ex Squilloni. No. 656.
Inhabits also southern France (Ingram, *Ibis*, 1913).431. *Certhia brachydactyla mauritanica* With. = *Certhia brachydactyla mauritanica*.*Certhia brachydactyla mauritanica* Witherby, *Bull. B.O. Club*, xv. p. 35 (1905—Tunisia, Algeria).

Type : ♂ ad., Aïn-Draham, North Tunisia, 13.iv.1903. Paul Spatz leg.

432. *Certhia familiaris harterti* Hellm. = *Certhia brachydactyla harterti*.*Certhia familiaris harterti* Hellmayr, *Journ. f. Orn.* 1901, p. 189 ("Kleinasien").

Type : ad., Alum-Dagh, Asia Minor, 28.xii.1868. T. Robson leg. (Ex Coll. J. Elwes.)

433. *Salpornis Emini* Hartl. = *Salpornis spilonota emini*.*Salpornis Emini* Hartlaub, *Proc. Zool. Soc. London*, 1884. p. 415. pl. 37 (1884—Langomeri, Equatorial Province); *Salpornis Salvadorii orientalis*, id., *Journ. f. Orn.* 1889. p. 116 (New name for *S. emini*).

Type of both names : ♂ ad., Langomeri. Emin Pasha leg.

434. *Salpornis spilonota erlangeri* Neum. = *Salpornis spilonota erlangeri*.*Salpornis spilonota erlangeri* Neumann, *Orn. Monatsber.* 1907. p. 52 (Kaffa and Djamdjam, S. Ethiopia).

Type : ♂ ad., Anderatsha, Kaffa, 16.iii.1901. Oscar Neumann leg.

435. *Climacteris placens meridionalis* Hart. = *Climacteris placens meridionalis*.*Climacteris placens meridionalis* Hartert, *Bull. B.O. Club*, xxi. p. 27 (1907—Mountains of British New Guinea).

Type : ♀ ad., Owgarra, Angabunga River, 6—8,000 feet, 29.i.1905. A. S. Meek leg. No. A 2,038.

SITTIDAE.

436. *Sitta europaea britannica* Hart. = *Sitta europaea britannica*.*Sitta europaea britannica* Hartert, *Nov. Zool.* vii. p. 526 (1900—England, type Tring).

Type : ♂ ad., Tring Park, 13.x.1898. Ernst Hartert leg.

437. *Sitta rupicola* Blanf. = *Sitta neumayer rupicola*.

Sitta rupicola Blanford, *Ibis*, 1873. p. 87 ("In montibus Persicis praesertim in Elburg saxa scopulosque frequentans").

Type: ♂ juv., Lura Valley, Elburg Mountains, N. Persia, 6,500 feet, 9.viii. 1872. W. T. Blanford leg. No. 572.

Blanford never noticed that his types were juvenile birds, and he mixed up his *rupicola* of North Persia with *S. neumayer tschitscherini* of Isfahán and Shiráz. The type specimen is marked on the label by Blanford: "type-figured specimen, *Ibis*, 1873, p. 87," and on the back of the label "specimen-figured Zoology of Persia."

I united formerly *tephronota* and *rupicola*, but corrected my error, p. xxxii. of my book. The type specimen has been in the Indian Museum, but was made a "duplicate" and thus came into our hands.

438. *Callisitta azurea expectata* Hart. = *Callisitta azurea expectata*.

Callisitta azurea expectata Hartert, *Bull. B.O. Club*, xxxv. p. 34 (December 1914—Malay Peninsula).

Type: ♂ ad., Bukit Frazer, above Semangko Pass, Pahang, Malay Peninsula, 4,000 feet, 10.x.1909. Ex Coll. Selangor Museum.

439. *Dendrophila lilacea* Whiteh. = *Callisitta frontalis lilacea*.

Dendrophila lilacea Whitehead, *Bull. B.O. Club*, vi. p. 49 (1897—Samar).

Types: ♂ ♀ ad., Bonga, Samar, 21.vi.1896. John Whitehead leg. Nos. B 653, 654.

440. *Sitta corallipes* Sharpe = *Callisitta frontalis corallipes*.

Dendrophila corallipes Sharpe, *Ibis*, 1888 (Kina Balu, N. Borneo).

Type: ♀ ad., Kina Balu, 3,000 feet, 26.ii.1887. John Whitehead leg. No. 1,030.

441. *Sitta frontalis palawana* Hart. = *Callisitta frontalis palawana*.

Sitta frontalis palawana Hartert, *Bull. B.O. Club*, xvi. p. 11 (1905—Palawan).

Type: ♂ ad., Puerto Princesa, Palawan, i.1898. William Doherty leg.

442. *Sitta frontalis saturator* Hart. = *Callisitta frontalis saturator*.

Sitta frontalis saturator Hartert, *Nov. Zool.* ix. p. 573 (1902—Gunong Tahan, E. Malay Peninsula).

Type: ♂ ad., Gunong Tahan, 4,000 feet, ix.1901. John Waterstradt Coll.

This is a very distinct form, inhabiting the *mountains* of the Malay Peninsula. Gunong Tahan, Semangko Pass, etc.

443. *Neositta magnirostris* Ingram = *Neositta striata magnirostris*.

Neositta striata magnirostris Ingram, *Bull. B.O. Club*, xxi. p. 99 (1908—Inkerman, North Queensland).

Type: ♂, Inkerman Station, 14.iii.1907. W. Stalker leg.

PARIDAE.

444. *Regulus regulus anglorum* Hart. = *Regulus regulus anglorum*.

Regulus regulus anglorum Hartert, *Bull. B.O. Club*, xvi. p. 11 ("Great Britain, Isle of Wight, Scotland, and Ireland").

Type : ♂ ad., Tring Park, 31.x.1900. Ernst Hartert leg.

445. *Regulus regulus interni* Hart. = *Regulus regulus interni*.

Regulus regulus interni Hartert, xvi. p. 45 (1906—Corsica and Sardinia).

Type : ♂ ad., Sassari, Sardinia, 6.ii.1904. (Purchased from Squilloni.)

446. *Leptopoecile sophiae deserticola* Hart. = *Leptopoecile sophiae deserticola*.

Leptopoecile sophiae deserticola Hartert, *Vög. pal. Fauna*, i. p. 401 (1907—"Gebirge am Südrande des Tarim—Beckens und der Wüste Gobi").

Type : ♂, Kara-Sai, East Turkestan, xi.1889. Pewzow leg.

447. *Anthoscopus ansorgei* Hart. = *Anthoscopus ansorgei*.

Anthoscopus ansorgei Hartert, *Bull. B.O. Club*, xv. p. 74 (1905—Benguella).

Type : ♂ ad., Mangonga River, Benguella, 15.xii.1904. W. J. Ansorge leg. No. 912.

? 448. *Anthoscopus sharpei* Hart. = ? *Anthoscopus caroli sylviella* Rchw.

Anthoscopus sharpei Hartert, *Bull. B.O. Club*, xv. p. 75 (1905—Usámbiro).

Type : ♀, Usámbiro, south of Victoria Nyanza, 8.ix.1889. Emin Pasha leg. No. 336.

A. sylviella had been described a year before by Reichenow, *Orn. Monatsber.* xii. p. 27, 1904, from Usafua, north of Lake Nyassa. It is still doubtful if it is the same.

449. *Aegithalus musculus* Hartl. = *Anthoscopus musculus*.

Aegithalus musculus Hartlaub, *Orn. Centralblatt*, vii. p. 91 (1882—Ladó).

Type : Ladó, 8.iii.1881. Emin Pasha leg.

(I have here used the name *Anthoscopus* for the African Penduline Tits, which have a much longer first primary and comparatively shorter tail than the palaearctic forms, though I hardly consider the separation necessary. The oldest generic name is *Remiz* Jarocki, 1821, monotype *pendulinus* !)

450. *Anthoscopus pendulinus persimilis* Hart. = *Remiz pendulinus persimilis*.

Anthoscopus pendulinus persimilis Hartert, *Nov. Zool.* 1918. p. 308 (Eregli in S.E. Asia Minor to Lake Urmia and Lenkovan).

Type : ♂ ad., Eregli, south-eastern Asia Minor, 8.v.1908. P. Ürmös leg.

450 a. *Anthoscopus rothschildi* Neum. = *Anthoscopus rothschildi*.

Anthoscopus rothschildi Neumann, *Journ. f. Orn.* 1907. p. 597 (One specimen from Simba, British East Africa).

Type : ♀, Simba, 18.i.1906. Coll. Maurice de Rothschild. No. 55.

The collection made by Dr. van Someren seems to confirm the distinctness of this form, but the material of the genus is so far too insufficient to say which are subspecies and which species. Probably *rothschildi* will in the end be treated as a subspecies of another form.

451. *Aegithalos caudatus pyrenaicus* Hart. = *Aegithalos caudatus pyrenaicus*.

Description : *Nov. Zool.* xxv. p. 429 (1918—Central Pyrenees); name : *Bull. B.O. Club*, xxxix. p. 40 (1918).

Type : ♂ ad., Reine Hortense near Caunterets, Central Pyrenees, 1,400 m., 22.iii.1907. J. Mousquès leg.

452. *Aegithalos caudatus italiae* Jourdain = *Aegithalos caudatus italiae*.

Aegithalos caudatus italiae Jourdain, *Bull. B.O. Club*, xxvii. p. 39 (1910—Italy).

Type : ♂ ad., Cremona, ix.1907. Ferragni leg.

(Hilgert, in *Kat. Coll. Erlanger*, p. 177, 1908, first called attention to this form, saying that some specimens from Cremona were neither *A. c. roseus* nor *irbii*, while others he thought were *irbii*, of which, however, he had never seen a specimen.)

453. *Parus lugubris anatoliae* Hart. = *Parus lugubris anatoliae*.

Parus lugubris anatoliae Hartert, *Vög. pal. Fauna*, p. 368 (1905—"Kleinasien : bergbewohnend").

Type : "Ahoory," Asia Minor, 5,000 feet, 6.iv.1874. H. J. Elwes leg.

(A specimen of *Parus lugubris* which seemed to me to agree perfectly with *anatoliae* was purchased by Giglioli at Nice and introduced into the Italian Fauna by Giglioli. It was purchased from Messrs. Gal, who palmed off several foreign species to Giglioli, who accepted them without criticism; probably all were obtained elsewhere, as Gal frères were notoriously unreliable; nor does Nice belong to Italy, but our late friend considered all countries as Italian which he thought should be Italian, including Dalmatia, Nice, etc.)

454. *Parus caeruleus ogliastrae* Hart. = *Parus caeruleus ogliastrae*.

Parus caeruleus ogliastrae Hartert, *Vög. pal. Fauna*, p. 349 (1905—Sardinia and Corsica).

Type : ♂ ad., Lanusei, district of Ogliastro, eastern Sardinia, 2.ii.1902.

455. *Parus sarawacensis* Slater = *Parus major sarawacensis*.

Parus cinerascens (nec Vieillot) Slater, *Ibis*, 1885. pp. 121-123, pl. iv. (Bungal Mts., Sarawak, N. Borneo).

Parus sarawacensis Slater, t.c. p. 327 (New name for *cinerascens* Slat.).

Type : ad., Bungal Mts., Sarawak. W. A. Harvey leg.

456. *Parus major tibetanus* Hart. = *Parus major tibetanus*.

Parus major tibetanus Hartert, *Vög. pal. Fauna*, p. 346 (1905—Tsongpo Valley, in eastern Tibet).

Type : ♂ ad., Chaksam, Tsongpo Valley, 25.ix.1904. Colonel Waddell leg. (Received from H. E. Dresser.)

457. *Parus major caschmirensis* Hart. = *Parus major caschmirensis*.

Parus major caschmirensis Hartert, *Vög. pal. Fauna*, p. 345 (1905—Mts. of Kashmir).

Type : ad., Gilgit, 26.xi.1878. J. Scully leg. No 2,618.

458. *Parus major planorum* Hart. = *Parus major planorum*.

Parus major planorum Hartert, *Nov. Zool.* xii. p. 499 (1905—Southern Punjab).

Type : ad., South Punjab, Lieutenant Cleveland leg.

459. *Parus major mahrattarum* Hart. = *Parus major mahrattarum*.

Parus major mahrattarum Hartert, *Nov. Zool.* xii. p. 499 (1905—South India and Ceylon).

Type : ♂ ad., Ceylon, 1.x.1868. E. Holdsworth leg. No. 182.

460. *Parus major hainanus* Hart. = *Parus major hainanus*.

Parus major hainanus Hartert, *Nov. Zool.* xii. p. 499 (1905—Hainan).

Type : ♂ ad., Lei Mui Mon, Hainan, 18.xii.1902. Katsumata leg.

461. *Parus major okinawae* Hart. = *Parus major okinawae*.

Parus major okinawae Hartert, *Vög. pal. Fauna*, p. 346 (1905—Island of Okinawa, Riu Kiu group).

Type : ♂ ad., Okinawa, 14.iii.1902. N. C. Rothschild, F. Gayner and A. W. Waters leg. No. 61.

462. *Parus major terraesanctae* Hart. = *Parus major terraesanctae*.

Parus major terraesanctae Hartert, *Vög. pal. Fauna*, i. p. xxxii. (1910—Palestine).

Type : ♂ ad., Jerusalem, 2.ii.1899. ? Bacher leg. No. 179 (not 177).

463. *Parus montanus kleinschmidtii* Hellm. = *Parus atricapillus kleinschmidtii*.

Parus montanus kleinschmidtii Hellmayr, *Orn. Jahrb.* 1900. p. 212 (England).

Type : ♀ ad., Coalfall Wood, Finchley, near London, N., 22.ix.1897. W. Burton leg.

464. *Parus palustris hellmayri* Bianchi = *Parus palustris hellmayri*.

Parus palustris hellmayri Bianchi, *Annuaire Mus. Zool. St. Pétersbourg*, vii. p. 236 (1902—Based on "*Parus* sp. nov." Kleinschmidt, *Orn. Jahrb.* viii. p. 77, 1897, Peking).

Type : ♂ juv., Peking, v. 1885.

Kleinschmidt and I wisely hesitated to name this form from the material available, though it appears to be quite distinct. (Cf. also Hartert, *Vög. pal. Fauna*, p. 375 ; Hellmayr, *Genera Avium*, part 18, pp. 12, 34.)

465. *Parus ater insularis* Hellm. = *Parus ater insularis*.

Parus ater insularis Hellmayr, *Orn. Jahrb.* xiii. p. 36 (1902—Japan).

Type: ♂ ad., Suruga, island of Hondo. From Alan Owston.

466. *Parus niger lacuum* Neum. = *Parus niger lacuum*.

Parus niger lacuum Neumann, *Journ. f. Orn.* 1906. p. 260 (Suksuki River, South Ethiopia).

Type: ♀ ad., Suksuki River, 27.xi.1900. Oscar Newmann leg.

† 467. *Micropus Nehrhorni* Blas. = *Penthornis tessacourbe* Scop.

Muscicapa Tessacourbe Scopoli, *Del. Florae et Faunae Insubr.* ii. p. 95 (1786—Based on the "Gobemouche noir de l'isle de Luzon" of Sonnerat, *Vôg. Nouv. Guinée*, p. 59, pl. 27. fig. 2, which, however, must have come from Mindanao!).

Muscicapa luzoniensis Gmelin, *Syst. Nat.* i. 2. p. 942 (1789—Based on the same).

Micropus Nehrhorni Blasius, *Journ. f. Orn.* 1890. p. 147 (Mindanao).

Type: ♂ in very worn plumage, Davao, Mindanao, 8.viii.1889. Dr. C. Platen leg. (Exchanged from Adolf Nehrhorn.)

LANIIDAE.

468. *Pachycare flavogrisea subaurantia* R. & H. = *Pachycare flavogrisea subaurantia*.

Pachycare flavogrisea subaurantia Rothschild & Hartert, *Orn. Monatsber.* xix. p. 157 (1911—"Schneegebirge im mittleren Neuguinea").

Type: ♂ ad., Snow Mountains, Dutch New Guinea, 22.x.1910. A. S. Meek Coll. No. 4,873.

469. *Poecilodryas cinereiceps* Hart. = *Eopsaltria cinereiceps*.

Poecilodryas cinereiceps Hartert, *Nov. Zool.* xii. p. 231 (1905—West Australia: island near Hampton Harbour, Derby, N.W. Cape).

Type: ♂ ad., island near Hampton Harbour, W. Australia, 13.vii.1901. J. T. Tunney leg. No. R 193.

(Mathews, in his latest list, makes *cinereiceps* a subspecies of *E. leucura*; this may be correct, but I prefer to await his final judgment.)

470. *Pachycephala fortis trobriandi* Hart. = *Pachycephala fortis trobriandi*.

Pachycephala fortis trobriandi Hartert, *Nov. Zool.* 1896. p. 236 (Trobriand Islands).

Type: ♂ ad., Kiriwina, Trobriand Islands, east of British New Guinea, 16.iii.1895. A. S. Meek Coll. No. 7.

471. *Pachycephala par* Hart. = *Pachycephala par par*.

Pachycephala par Hartert, *Nov. Zool.* 1904. p. 211 (Romah Island, N.E. of Timor).

Type: ♂ ad., Romah, 9.viii.1902. Heinr. Kühn leg. No. 5,339.

472. **Pachycephala par compar** Hart. = *Pachycephala par compar*.*Pachycephala par compar* Hartert, *Nov. Zool.* xi. p. 212 (1904—Letti and Moa).

Type : ♂ ad., Letti Island, 4.xi.1902. Heinr. Kühn leg. No. 6,033.

473. **Pachycephala tenebrosa** Rothsch. = *Pachycephala tenebrosa*.*Pachycephala tenebrosa* Rothschild, *Bull. B.O. Club*, xxix. p. 20 (1911—Mt. Goliath, Central Eastern Dutch New Guinea.).

Type : ♂ ad., Mt. Goliath (eastern part of "Snow Mountains"), 15.ii.1911. A. S. Meek Coll. No. 5,394.

474. **Pachycephala nudigula** Hart. = *Pachycephala nudigula*.*Pachycephala nudigula* Hartert, *Nov. Zool.* iv. p. 171 (1897—"Flores meridionalis"); t.c. pl. iii. fig. 3.

Type : ♂ ad., South Flores, above 3,000 feet, October 1896. Alfred Everett leg.

(Homo furore generico : hic Rhodus, hic salta !)

475. **Pachycephala rufinucha** Scf. = *Pachycephala rufinucha rufinucha*.*Pachycephala rufinucha* Scfater, *Proc. Zool. Soc. London*, 1873. p. 692 ("Atam apud montes Papuanos Arfak").Type or cotype : ♂ ad., Hatam, Arfak Peninsula, ix.1872. Luigi Maria d'Albertis leg. No. 469. (Specimen *a* of Salvadori's list in *Orn. Pap.* ii. p. 225, marked by Scfater "Pachycephala rufinucha Scf. sp. nov." and by Salvadori "Tipo !")476. **Pachycephala gamblei** Rothsch. = *Pachycephala rufinucha gamblei*.*Pachycephala gamblei* Rothschild, *Bull. B.O. Club*, vii. p. xxii. (1897—Mt. Cameron, Owen Stanley Mts., British New Guinea).

Type : "♀" ad. (? ♂), Mt. Cameron, 5,000 feet. A. S. Anthony leg.

477. **Pachycephala meeki** Hart. = *Pachycephala leucogaster meeki*.*Pachycephala meeki* Hartert, *Bull. B.O. Club*, viii. p. xv. (1898—Rossel Island, Louisiade group).

Type : ♂ ad., Rossel Island, 27.i.1898. Albert S. Meek leg. No. 1,299.

478. **Pachycephala tianduana** Hart. = *Pachycephala leucogaster tianduana*.*Pachycephala tianduana* Hartert, *Bull. B.O. Club*, xi. p. 53 (1901—"Tiandu, west of the Key Islands").Type : ♂, Tiandu, 19.xii.1900. Heinr. Kühn leg. No. *a*.479. **Pachycephala johni** Hart. = *Pachycephala johni*.*Pachycephala johni* Hartert, *Nov. Zool.* 1903. p. 12 (Obi Major, Moluccas).

Type : ♂ ad., Obi Major, 25.iii.1902. John Waterstradt leg. No. O 129,

480. **Pachycephala kuehni** Hart. = *Pachycephala griseonota kuehni*.

Pachycephala kuehni Hartert, *Bull. B.O. Club*, viii. p. xiv. (1898—Little Key Islands).

Type : ♂ Tual, Little Key, 11.xi.1897. Heinr. Kühn leg. No. 281.

481. **Pachycephala examinata** Hart. = *Pachycephala griseonota examinata*.

Pachycephala examinata Hartert, *Bull. B.O. Club*, viii. p. xiv. (1898—Buru).

Type : ♂ ad., Kayeli, Buru, iii.1897. William Doherty leg.

482. **Pachycephala moroka** R. & H. = *Pachycephala moroka*.

Pachycephala moroka Rothschild & Hartert, *Nov. Zool.* 1903. p. 106 (Moroka, S.E. New Guinea).

Type : ad., Moroka district, British New Guinea, 3—6,000 feet. (Purchased from Messrs. McIlwraith, McEacharn & Co., 1898.)

† 483. **Pachycephala peninsulae** Hart. = *Pachycephala griseiceps inornata*.

Eopsaltria ? inornata Ramsay, *Proc. Zool. Soc. London*, 1874. p. 604 (Rockingham Bay and Endeavour River, North Queensland).

Pachycephala peninsulae Hartert, *Bull. B.O. Club*, viii. p. xxxiii. (1899—Cape York, North Queensland).

Type : ♂, Cape York, 29.vii.1898. Eichhorn leg. No. 2,041 of the Meek collections.

There seems to me no doubt that my "*peninsulae*" is a synonym of Ramsay's *inornata*, though Mathews, *List of B. Australia*, p. 181 (1913), keeps them distinct as two different subspecies. He there splits our *Pachycephala* up into about half a dozen genera.

484. **Pachycephala alberti** Hart. = *Pachycephala griseiceps alberti*.

Pachycephala griseiceps alberti Hartert, *Bull. B.O. Club*, viii. p. ix. (1898—Sudest Island, Louisiade group).

Type : ♂ ad., Sudest Island, 8.iv.1898. A. S. Meek Coll. No. 1,693.

485. **Pachycephala orpheus wetterensis** Hellm. = *Pachycephala orpheus wetterensis*.

Pachycephala orpheus wetterensis Hellmayr, *Zoologie von Timor*, i. p. 35 (1914—Wetter).

Type : ♀ ad., Wetter Island, 9.x.1902. Heinr. Kühn leg. No. 5,725.

† 486. **Hyloterpe whiteheadi** Sharpe = *Pachycephala (Hyloterpe) grisola plateni*.

Hyloterpe Plateni Blasius, *Braunschweig. Anz.* No. 52. p. 467 (1.iii.1888—Palawan); *Ornis*, 1888, p. 311.

Hyloterpe whiteheadi Sharpe, *Ibis*, 1888. p. 198 (April 1888—Palawan).

(About the dates of these names cf. under No. 378.)

Type : ♀ ad., Taguso, Palawan, 21.vii.1887. John Whitehead leg. No. 1,587.

487. **Hyloterpe hypoxantha** Sharpe = *Pachycephala (Hyloterpe) hypoxantha*.

Hyloterpe hypoxantha Sharpe, *Ibis*, 1887. p. 451 (Kina Balu, Borneo).

Type : ♂ ad., Kina Balu, 3,000 feet, 25.ii.1887. John Whitehead leg. No. 1,018.

488. **Pachycephala grisola secedens** Stres. = *Pachycephala (Hyloterpe) grisola secedens*.

Pachycephala grisola secedens Stresemann, *Nov. Zool.* xx. p. 355 (1913—Sirhassen Island).

Type : ♂ ad., Sirhassen Island, eastern Natuna group, 21.ix.1893. Alfred Everett leg.

The distribution of this form is curious. A specimen from Great Redang Island, east of Kelantan, Malay Peninsula, 1.ix.1910. C. Boden Kloss leg., belongs also clearly to *secedens*.

489. **Hyloterpe Homeyeri** Blas. = *Pachycephala (Hyloterpe) homeyeri*.

Hyloterpe Homeyeri Wilh. Blasius, *Journ. f. Orn.* 1890. p. 143 (Descr. from one female from Yoló Sulu).

Type : ♀, Yoló, Sulu Islands, 15.v.1887. Dr. Platen leg. (Exchanged from A. Nehrkorn.)

490. **Pachycephala schlegeli obscurior** Hart. = *Pachycephala schlegeli obscurior*.

Pachycephala schlegeli obscurior Hartert, *Nov. Zool.* iii. p. 15 (1896—Owen Stanley Mts., British New Guinea).

Type : ♂ ad., Eafa district, between Mts. Alexander and Bellamy, 5—6,000 feet, October 1895. A. S. Anthony leg.

(Synonym : *Pach. sororcula* de Vis 1897, p. 380, described from a ♀, supposed to be ♂, from spirits !)

491. **Pachycephala melanonota** Hart. = *Pachycephala melanonota*.

Pachycephala melanonota Hartert, *Bull. B.O. Club*, xxi. p. 106 (1908—Vella Lavella, Solomon Islands).

Type : ♂ ad., Vella Lavella, Central Solomon Islands, 23.ii.1908. A. S. Meek Coll. No. 3,834.

492. **Pachycephala hyperythra reichenowi** R. & H. = *Pachycephala hyperythra reichenowi*.

Pachycephala hyperythra reichenowi Rothschild & Hartert, *Orn. Monatsber.* xix. p. 178 (1911—"Sattelberg, in Kaiser Wilhelm's Land").

Type : ♂ ad., Sattelberg, 21.xi.1909. Wahnes leg. No. 62.

493. **Pachycephala salvadorii** Rothschild = *Pachycephala hyperythra salvadorii*.

Pachycephala salvadorii Rothschild, *Bull. B.O. Club*, vii. p. xxii. (1897—New name for *P. sharpii* Salvad. 1896, nec Meyer 1884) ; *Nov. Zool.* 1903. p. 107.

Type : ♂ ad., Mt. Cameron, Owen Stanley Range, 13.viii.1896. A. S. Anthony leg.

494. **Pachycephala contempta** Hart. = *Pachycephala pectoralis contempta*.

Pachycephala contempta Hartert, *Bull. B.O. Club*, viii. p. xv. (1898—Lord Howe Island).

Type : ♂ ad., Lord Howe Island. (Purchased from H. H. Travers.)

495. **Pachycephala pectoralis goodsoni** R. & H. = *Pachycephala pectoralis goodsoni*.

Pachycephala pectoralis goodsoni Rothschild & Hartert, *Nov. Zool.* xxi. p. 296 (1914—Manus, Admiralty Islands).

Type : ♂ ad., Manus, Admiralty Islands, 5.ix.1913. Eichhorn leg. No. 5,970 of the A. S. Meek collections.

496. **Pachycephala rosseliana** Hart. = *Pachycephala pectoralis rosseliana*.

Pachycephala rosseliana Hartert, *Bull. B.O. Club*, viii. p. viii. (1898—Rossel Island); *Nov. Zool.* 1899. p. 76.

Type : ♂ ad., Rossel Island, Louisiade group, 8.ii.1898. A. S. Meek Coll. No. 1,405.

497. **Pachycephala pectoralis misimae** R. & H. = *Pachycephala pectoralis misimae*.

Pachycephala pectoralis misimae Rothschild & Hartert, *Nov. Zool.* xxv. p. 311 (1918—St. Aignan or Misima Island, Louisiade group).

Type : ♂ ad., St. Aignan Island, 29.xi.1897. A. S. Meek Coll. No. 1,044.

498. **Pachycephala melanura buruensis** Hart. = *Pachycephala pectoralis buruensis*.

Pachycephala melanura buruensis Hartert, *Bull. B.O. Club*, viii. p. xxxii. (1899—Buru).

Type : ♂ ad., "Mt. Mada" (Kapala Madang, Fogha Mts.), Buru, 3,000 feet, August—September 1898. J. Dumas leg.

499. **Pachycephala melanura dammeriana** Hart. = *Pachycephala pectoralis dammeriana*.

Pachycephala melanura dammeriana Hartert, *Nov. Zool.* vii. p. 17 (1900—Dammer Island).

Type : ♂ ad., Wulur, Dammer Island, 27.xi.1898. Heinr. Kühn leg. No. 1,092.

† 500. **Pachycephala melanura tepa** Hart. = *Pachycephala pectoralis sharpei*.

Pachycephala Sharpei A. B. Meyer, *Sitzungsber. & Abh. Ges. Isis Dresden* 1884, *Abh.* p. 36 (1885—Babber!).

Pachycephala melanura tepa Hartert, *Nov. Zool.* xiii. p. 299 (1906—Babber!).

Type : ♂ ad., Tepa, Babber, 15.ix.1905. Heinr. Kühn leg. No. 6,644 a.

501. **Pachycephala melanura arthuri** Hart. = *Pachycephala pectoralis arthuri*.

Pachycephala melanura arthuri Hartert, *Nov. Zool.* xiii. p. 299 (1906—Wetter Island).

Type : ♂ ad., Wetter, 14.ix.1902. Heinr. Kühn leg. No. 5,498.

502. **Pachycephala everetti** Hart. = *Pachycephala pectoralis everetti*.*Pachycephala everetti* Hartert, *Nov. Zool.* iii. p. 170 (1896—Djampea Island, south of Celebes).

Type : ♂ ad., Djampea, xii. 1895. Alfr. Everett leg.

503. **Pachycephala fulviventris** Hart. = *Pachycephala pectoralis fulviventris*.*Pachycephala fulviventris* Hartert, *Bull. B.O. Club*, v. p. xlvii. (1896—Sumba Island).

Type : ♂ ad., Sumba, ii. 1896. William Doherty leg.

504. **Pachycephala pectoralis alfurorum** Stres. = *Pachycephala pectoralis alfurorum*.*Pachycephala pectoralis alfurorum* Stresemann, *Nov. Zool.* xxi. p. 132 (1914—Ceram).

Type : ♂ ad., Gunong Sofia, Ceram, 4,800 feet, 14. vi. 1911. Erwin Stresemann leg. No. 614.

505. **Nilaus afer erythrae** Neum. = *Nilaus afer erythrae*.*Nilaus afer erythrae* Neumann, *Journ. f. Orn.* 1907, p. 361 ("Nord-Abyssinien").

Type : ♂ ad., Ailet, Erythraea, 5. iv. 1903. G. Schrader leg.

This form is very closely allied to *N. afer afer* (terra typica Senegal), but recognizable, and in my opinion chiefly by the darker chestnut lateral stripes.506. **Nilaus afer hilgerti** Neum. = *Nilaus afer hilgerti*.*Nilaus afer hilgerti* Neumann, *Journ. f. Orn.* 1907, p. 362 ("Hauaschgebiet von Schoa, nach Süden bis zum Zuaï-See nachgewiesen").

Type : ♂ ad., Kassam River, Hawash region, 24. vi. 1903. Zaphiro leg.

[507. **Nilaus minor** Sharpe = *Nilaus afer minor*.*Nilaus minor* Sharpe, *Proc. Zool. Soc. London*, 1895, p. 479 ("Somaliland," Milmil and other localities).Type : according to Neumann, *Journ. f. Orn.* 1907, p. 362 : ♂ ad., Milmil, 2. vii. 1894. Dr. Donaldson Smith leg., but this can only be a paratype, as the ♂ ad. from Okoto, 8. ix. 1894, in the British Museum is there marked as the type by the author.](?) † 508. **Telophonus senegalus pallidus** Neum. = *Harpolestes* * *senegalus senegalus*.*Telophonus senegalus pallidus* Neumann, *Journ. f. Orn.* 1907, p. 375 ("Ober-Guinea von der Goldküste bis zum Niger").

Type : ♂ ad., Accra, 4. xi. 1897. C. W. Nartey leg.

I must confess that, after a renewed examination of the material in Tring

* There has been a good deal of uncertainty and change of the generic name of the Tchagra-Shrikes. In the *Cat. B. Brit. Mus.* viii., Gadow called them *Telephonus*, and this name has been in general use before and after. In the *Vög. Afr.* ii. p. 542, Reichenow introduced the name *Pomatorhynchus* Boie 1826; to this I objected because Boie quoted "*Pomatorhynchus* Horsf."; Horsfield, however, never created such a name, but only *Pomatorhinus*, and it is evident that Boie merely amended his spelling, and erroneously placed under that name (which refers to a totally different group of birds) the Tchagra of Levaillant, of which he did not know that it was a Shrike. In the *Vög. pal. Fauna*, p. 452, I then pleaded for the restitution of *Telophonus*, the original spelling of

and London, it seems to me impossible to separate this race from *H. s. senegalus*. The coloration is too variable, and the smaller size not always constant. (See also NOVITATES ZOOLOGICAE, 1915, p. 259.) (This view is more or less confirmed by Dr. van Someren's wonderful series, who will soon give us fuller information about these very difficult forms, and their allies.)

509. **Telophonus senegalus rufofuscus** Neum. = *Harpolestes senegalus rufofuscus*.

Telophonus senegalus rufofuscus Neumann, *Journ. f. Orn.* 1907. p. 376 ("Nördliches und zentrales Angola, nach Norden bis ins Congo-Gobiet").

Type: ♀ ad., N'Gungo, Northern Bailundu, Angola, 12.viii.1901. C. Hubert Pemberton leg.

This form is very different from *T. senegalus senegalus* and cannot possibly be united with it.

510. **Harpolestes australis ansorgei** Neum. = *Harpolestes australis ansorgei*.

Harpolestes australis ansorgei Neumann, *Bull. B.O. Club*, xxiii. p. 53 (1909—"North Angola").

Type: ♂, Pungo Andongo, 3.vii.1903. W. J. Ansorge leg. No. 522.

Based on three more or less juvenile birds, but young *australis* differ in the same way as old ones. This form is certainly distinct, but it is nearest to *H. a. australis* and quite different from *souzae*.

? † 511. **Telophonus australis dohertyi** Neum. = *Harpolestes australis minor*?

Telophonus australis dohertyi Neumann, *Journ. f. Orn.* 1907. p. 370 (Escarpment, Kikuyu).

Type: ♂ ad., Escarpment, Kikuyu Mts., i.1901. W. Doherty leg.

The Escarpment birds are all more or less worn or soiled, but it certainly seems that those from Western Uganda (Bukoba, etc.) are more whitish underneath. They cannot, therefore, be united with *emini*, as Reichenow (*Journ. f. Orn.* 1918, p. 82) proposed. We have, however, no skins from the terra typica of *minor*. Even Dr. van Someren's series does not help us to decide this question.

512. **Pelicius cruentus hilgerti** Neum. = *Rhodophoneus cruentus hilgerti*.

Pelicius cruentus hilgerti Neumann, *Orn. Monatsber.* 1903, p. 182 ("Nord-und Südsomaliland").

Type: Sheikh Husein, W. Somaliland, 23.ix.1894. Dr. Donaldson Smith leg. No. 314.

513. **Laniarius funebris rothschildi** Neum. = *Laniarius funebris rothschildi*.

Laniarius funebris rothschildi Neumann, *Journ. f. Orn.* 1907. p. 595 ("Süd-Äthiopien vom Hauasch bis zum Borana-Land und zum Rudolf-See").

Type: ♀, Sagan River, Borana, 25.v.1905. Maurice de Rothschild leg.

Swainson, instead of "*Telophonus*." Thereupon Reichenow, *Orn. Monatsber.* 1907, p. 99, pointed out that Swainson's *Telophonus* 1837 was obviously only an amended spelling of the same author's *Telophorus* of 1831, a name which had been overlooked. I quite agree that, therefore, *Telophonus* is no more acceptable than *Pomatorhynchus*, and use *Harpolestes* Cab. 1850 for this genus. Sclater and Mackworth-Praed (*Ibis*, 1918, p. 636) use the generic "*Tschagra*," but *Tschagra* of Gray is obviously only another spelling of *Tchagra* Lesson, *Traité d'Orn.* p. 373, which I take to be a new name for *Laniarius* Vieillot, though Lesson included in the same subgenus Levaillant's *Tchagra* and a number of other species.]

514. *Pelcinius zeylonus phanus* subsp. nov.

Type: ♂ ad., Farta Bay, 5 hours south of Benguella Town, 30.x.1905. W. J. Ansorge leg.

Seven specimens from Benguella and Mossamedes, collected by the late W. J. Ansorge and Albert Mocquerys, differ from about a dozen from South Africa in having the back a little paler green, and the whole yellow portion of the under-side much lighter, more sulphureous yellow, which is specially striking on the throat, abdomen, and under tail-coverts. There is no appreciable difference in size. I therefore name the Benguella-Mossamedes form *Pelcinius zeylonus phanus*, type as above.

Probably a third form inhabits Namaqualand, as a male and female collected by C. B. Grant in May and July 1903, at an elevation of 3,104 feet, appear to have the flanks and sides of breast much more widely ashy grey, and are a little smaller. More material will probably lead to the establishment of a third form.

(I am using reluctantly the generic name *Pelcinius*, while I separate *cruentus* and its subspecies as *Rhodophoneus*. In this I am following Sharpe's *Hand-list*, iv. pp. 292, 293, without wishing to discuss the genera of these shrikes, of which perhaps too many are now being used.)

515. *Laniarius rubiginosus rudolfi* Hart. = *Chlorophoneus rubiginosus rudolfi*.

Laniarius rubiginosus rudolfi Hartert, *Bull. B.O. Club*, xxiii. p. 10 (1908—forest west of Lake Albert Edward).

Type: ♀ ad., Primeval forest 90 kilometres west of Lake Albert Edward, 7.ii.1908. Rudolf Grauer leg. No. 1,979.

516. *Laniarius dohertyi* Rothschild. = *Chlorophoneus dohertyi*.

Laniarius dohertyi Rothschild, *Bull. B.O. Club*, xi. p. 52 (1901—Escarpment, Kikuyu Mts., B. E. Africa).

Type: ♂ ad., Escarpment, Kikuyu Mts., 8,000 feet, xii.1900. William Doherty leg.

† 517. *Laniarius graueri* Hart. = *Chlorophoneus melamprosopus reichenowi*.

Laniarius graueri Hartert, *Bull. B.O. Club*, xxiii. p. 9 (1908—Forest west of Lake Albert Edward).

Type: ♂ ad., Primeval forest, 90 km. west of Lake Edward, 1,600 m., 14.ii.1908. Rudolf Grauer leg. No. 2,039.

I am now convinced that my *L. graueri* is the same as *L. m. reichenowi*—if indeed the latter is separable from true *melamprosopus*!

518. *Lanius gubernator* Hartl. = *Lanius gubernator*.

Lanius gubernator Hartlaub, *Orn. Centralbl.* 1882. p. 91 (No exact locality, diagnosis of ♂ !); *Journ. f. Orn.* 1882. p. 323. pl. i. fig. 2 (Langomeri).

Type: ♂ ad., Langomeri, Emin Pasha leg.

There is no doubt that the adult male must be looked upon as the real type of *L. gubernator*, but the notes in *Journ. f. Orn.* 1882, pp. 323, 324, are somewhat confused. The first diagnosis in the *Ornithologische Centralblatt* is that of the adult male only. Curiously enough, in the *Journ. f. Orn.* also the male only is

described, though at the end of the description, p. 324, stands "♀ ad." On the plate the male only is figured, and this agrees with the lettering of the plate, but on p. 323 it is erroneously said that the figure is that of the female! On p. 324 Hartlaub wrote that four specimens were obtained at Langomeri, an adult male and female, and two young birds. We have all these four in the Tring Museum, and the sexes are correctly stated on the labels. The female, which has no black frontal line, was not described by Hartlaub at all, though he says, "Zunächst erhielten wir nur das ausgefärbte Weibchen"! I suppose he meant to say "Männchen" instead of "Weibchen," and that the "♀ ad." at the end of the description of the male means that it was the author's intention to describe the ♀ as well, which, however, he did not do.

† 519. **Lanius excubitorius intercedens** Neum. = *Lanius excubitorius excubitorius*.

Lanius excubitorius intercedens Neumann, *Journ. f. Orn.* 1905. p. 228 ("Hauasch-Gebiet, südöthiopische Seen, Omo-Gebiet, nach Süden bis zur Nord-und Ostküste des Victoria-Nyansa").

Type: ♂ ad., Hauash, south of the Sekwala, 19.xi.1900. Oscar Neumann leg. No. 250.

Neumann compared his bird with *L. excubitorius princeps*, which he thought were *L. excubitorius excubitorius*, and his *intercedens* are typical *excubitorius*.

520. **Lanius antinorii mauritii** Neum. = *Lanius antinorii mauritii*.

Lanius antinorii mauritii Neumann, *Journ. f. Orn.* 1907. p. 595 (Koroli Mountains, West Somaliland).

Type and unique specimen: ♂ ad., Kovoli Mts., 18.iv.1905. Maurice de Rothschild leg.

It was daring to describe this form from one specimen, and it is desirable to have a series to confirm its validity, but the differences pointed out by Neumann are very obvious, so that the new subspecies appears to be very distinct.

521. **Malaconotus interpositus** Hart. = *Malaconotus poliocephalus interpositus*.

Malaconotus interpositus Hartert, *Bull. B.O. Club*, xxix. p. 36 (1911—North-west of Lake Tanganyika).

Type: ♂ ad., 40 km. west of Baraka, 5.i.1909. Rudolf Grauer leg. No. 4,019.

This form is very closely allied to *M. poliocephalus poliocephalus* from Senegambia to Nigeria, and must be confirmed by further research.

522. **Sigmodus caniceps harterti** Neum. = *Sigmodus caniceps harterti*.

Sigmodus caniceps harterti Neumann, xxi. p. 70 (1908—Southern Nigeria).

Type: ♂ ad., Degama, Southern Nigeria, 15.iii.1902. W. J. Ansorge leg. No. 220.

(?) 523. **Prionops cristata omoensis** Neum. = (?) *Prionops cristata cristata*.

Prionops cristata omoensis Neumann, *Journ. f. Orn.* 1905. p. 216 ("Hussgebiet des Omo").

Type: ♂ Omo, between Malo and Kosha, 23.ii.1901. Oscar Neumann leg. No. 929.

The nape is much darker in one specimen, and a specimen from Salamona (G. Schrader leg.), as well as another from Mulu (Saphiro leg.), have it quite as dark as the one of Neumann's two specimens. The wing of one is shorter, that of the other not. In no case were two specimens sufficient to establish such a closely allied subspecies, and we must await further material from the Omo, whenever that may come, to establish Neumann's "*omoensis*." (A series collected by Dr. van Someren seems to confirm *omoensis*, but we shall hear more about this from him before long.)

524. ***Pinarolestes megarhyncha despectus*** R. & H. = *Pinarolestes megarhynchus despectus*.

Pinarolestes megarhynchus despectus Rothschild & Hartert, *Nov. Zool.* 1903. p. 100 (British New Guinea).

Type: ♂, Milne Bay, South-Eastern British New Guinea, 14.ii.1899. A. S. Meek Coll. No. 2,323.

525. ***Colluricincla brunnea tachycripta*** R. & H. = *Colluricincla brunnea tachycripta*.

Colluricincla brunnea tachycripta Rothschild & Hartert, *Nov. Zool.* xxii. p. 60 (1915—Milne Bay, South-Eastern Papua).

Type: ♂ ad., Milne Bay, 19.iv.1899. A. S. Meek Coll. No. 2,484.

526. ***Colluricincla woodwardi*** Hart. = *Colluricincla woodwardi*.

Colluricincla woodwardi Hartert, *Nov. Zool.* xii. p. 228 (1905—Granite hills near South Alligator River, Northern Territory).

Type: ♂ ad., ten miles east of South Alligator River, 15.viii.1903. J. T. Tunney leg. No. 1,545.

527. ***Pitohui meeki*** R. & H. = *Pitohui meeki*.

Pitohui meeki Rothschild & Hartert, *Nov. Zool.* xx. p. 507 (1913—Mount Goliath, eastern portion of "Snow Mountains," in Dutch New Guinea).

Type: ♀, Mt. Goliath, 7.ii.1911. A. S. Meek Coll. No. 5,321.

This species—possibly a subspecies of *nigrescens*—was described from a single female. The male has been described by Ogilvie-Grant, Jubilee Suppl. II. of *Ibis*, 1915, p. 105.

528. ***Rhectes ferrugineus brevipennis*** Hart. = *Pitohui ferrugineus brevipennis*.

Rhectes ferrugineus brevipennis Hartert, *Nov. Zool.* 1896. p. 354 (Aru Islands).

Type: ad., Wannambai, Aru Islands, 25.vi.1896. Cayley Webster leg. No. 217.

529. ***Pitohui meyeri*** R. & H. = *Pitohui meyeri*.

Pitohui meyeri Rothschild & Hartert, *Nov. Zool.* x. p. 96 (1903—"Hab. In Nova Guinea septentr. prope Takar, Tana Mera").

Type: ♂, Takar, October 1896. William Doherty leg. No. 1,011.

530. *Pitohui dohertyi* R. & H. = *Pitohui dohertyi*.

Pitohui dohertyi Rothschild & Hartert, *Nov. Zool.* x. p. 95 (1903—Ron Island, in Geelvink Bay).

Type: ♂ ad., Ron Island, vi. 1897. William Doherty leg. No. 969.

531. *Pitohui dichrous monticola* Rothsch. = *Pitohui dichrous monticola*.

Pitohui dichrous monticola Rothschild, *Bull. B.O. Club*, xiv. p. 79 (1904—Upper Aroa River).

Type: ♂ ad., Upper Aroa River, British New Guinea, 27.i.1903. A. S. Meek Coll. No. A 124.

Mr. W. R. Ogilvie-Grant (*Ibis*, Jubilee Suppl. II., 1915, pp. 99, 100) mentions three specimens from the Utakwa River, 2,900 feet, which agree with specimens from the Aroa River and other places in British New Guinea. From this he concludes that *monticola* "must be added to the synonymy" of *P. dichrous*, because these specimens "must be typical examples of *P. dichrous*, the type of which was procured by S. Müller at Lobo, Triton Bay." This conclusion is rash, and I do not agree with it. We have in the Tring Museum 22 skins from Arfak, Humboldt Bay, Simbang, and Sattelberg, which are perfectly alike, and which we took to be typical *dichrous*, while 16 specimens from the mountains of British New Guinea are at a glance distinguished by their paler colour. Therefore, Lord Rothschild very logically separated the latter as *P. dichrous monticola*. We had of course not seen specimens from the Snow Mountains, and it does not follow that they "must be" typical examples of *dichrous*, as they came from the mountains and Salomon Müller's were collected near the coast, in the low country; moreover, in many cases, forms from the Utakwa River agree more with those from South-Eastern Papua, while many Lobo-Bay ones are exactly like those from Arfak. Until, therefore, the type from Lobo in the Leyden Museum is carefully compared with specimens from Arfak and the mountains of British New Guinea, we have not to alter the present state, and must admit *monticola*. Should, against all expectations, the Lobo type be like our *monticola*, then the darker northern form from Arfak, Humboldt Bay, and Simbang must receive a new name!

532. *Abbotornis schistocercus* Neum. = *Abbotornis schistocercus*.

Abbotornis schistocercus Neumann, *Bull. B.O. Club*, xxiii. p. 11 (1908—"West Central Madagascar").

Type: ♂ ad., "C. O. Madagascar," which, I am now convinced, must mean West Coast (not West Central) Madagascar. (Bought with others from a Paris dealer in 1893.)

533. *Gymnorhina tibicen longirostris* Hart. = *Gymnorhina tibicen longirostris* Milligan.

Gymnorhina tibicen longirostris Hartert, *Nov. Zool.* xii. p. 230 (1905—Nullagine, N.W. Australia).

Type: ♂ ad., Nullagine, 16.iv.1901. J. T. Tunney leg. No. R 92.

This distinct form retains its fitting name *longirostris*, though it had been described two years before by Milligan (*Gymnorhina longirostris* Milligan, *Emu*, iii. p. 96, 1903).

† 534. **Cracticus quoyi tunneyi** Hart. = *Cracticus quoyi spaldingi*.

Cracticus spaldingi Masters, *Proc. Linn. Soc. N.S. Wales*, ii. p. 271 (1877—Port Darwin, Northern Territory).

Cracticus quoyi tunneyi Hartert, *Nov. Zool.* xii. p. 228 (1905—Alligator River, Northern Territory).

Type : ♂ ad., Alligator River, Northern Territory, 25.ix.1903. J. T. Tunney leg. No. 1,603.

ARTAMIDAE.† 535. **Artamus leucorhynchus parvirostris** Hart. = *Artamus leucorhynchus leucopygialis*.

Artamus leucorhynchus parvirostris Hartert, *Nov. Zool.* vi. p. 424 (1899—Cape York, North Queensland).

(*Artamus leucopygialis* Gould, *Proc. Zool. Soc. London*, 1842. p. 17 [New South Wales].)

Type : ♂ ad., Cape York, 5.vii.1898. Eichhorn leg. A. S. Meek coll. No. 1,876.

(Other synonyms are *harterti* Math. and *melvillensis* Math.)

536. **Artamus leucorhynchus humei** Stres. = *Artamus leucorhynchus humei*.

Artamus leucorhynchus humei Stresemann, *Nov. Zool.* xx. p. 291 (1913—"Andamanen, einschliesslich der Grossen und Kleinen Kokos-Insel").

Type : ♀ ad., Go-bang, South Andamans, October 1897. A. L. Butler leg.

† 537. **Artamus phoeus** Ingram = *Artamus superciliosus*.

Artamus phoeus Ingram, *Bull. B.O. Club*, xvi. p. 115 (1906—Alexandria station, Northern Territory).

Type : ♂ ad., Alexandria, 28.v.1905. W. Stalker leg. No. 626.

† 538. **Artamus gracilis** Ingram = *Artamus personatus*.

Artamus gracilis Ingram, *Bull. B.O. Club*, xvi. p. 115 (1906—Alexandria station, Northern Territory).

Type : ♂ ad., Alexandria, 16.i.1906. W. Stalker leg.

Mathews, *List B. Austr.* pp. 234, 235, separated the three supposed species of Ingram as subspecies, but he now agrees with me (March 1919, *in litt.*) that "all three are undoubtedly synonyms."

† 539. **Artamus florenciae** Ingram = *Artamus cinereus venustus*.

Artamus florenciae Ingram, *Bull. B.O. Club*, xvi. p. 115 (1906—Alexandria station, Northern Territory).

Type : ♂ (apparently not adult), Upper Playford, Northern Territory, 20.iii.1906. W. Stalker leg.

(Cf. Hellmayr, *NOVITATES ZOOLOGICAE*, 1916, pp. 100, 101.)

VIREONIDAE.540. **Vireo josephae mirandae** Hart. = *Vireo josephae mirandae*.

Vireo josephae mirandae Hartert, *Bull. B.O. Club*, xxxvii. p. 32 (February 1917—Cerro del Avila, north of Caracas, 2,000 m.).

Type : ♂ ad., Galiparo, Cerro del Avila, 2,000 m., 15.xii.1913. Samuel M. Klages leg. No. 1,178.

541. **Hylophilus thoracicus griseiventris** Berl. & Hart. = *Hylophilus thoracicus griseiventris*.

Hylophilus thoracicus griseiventris Berlepsch & Hartert, *Nov. Zool.* ix. p. 11 (1902—Orinoco).

Type: ♂ ad., Suapure, Orinoco, 11.ii.1899. Samuel M. Klages leg.

(In contradiction to the International Rules of Nomenclature, *Hylophilus* has been replaced by "*Pachysylvia*," because of an earlier *Hylophila* of Hübner. Such unnecessary and unauthorized changes do more harm to uniform nomenclature than anything else, and it is a great pity that they have been adopted by the A.O.U.)

542. **Pachysylvia aurantiifrons saturata** Hellm. = *Hylophilus aurantiifrons saturatus*.

Pachysylvia aurantiifrons saturata Hellmayr, *Nov. Zool.* xiii. p. 12 (1906—Cumana, North Venezuela).

Type: ♀ ad., Rincon of San Antonio, 18.iii.1898. Caracciolo leg. No. 978.

543. **Hylophilus bulunensis** Hart. = *Hylophilus ochraceiceps bulunensis*.

Hylophilus bulunensis Hartert, *Nov. Zool.* ix. p. 617 (1902—Bulún, N.W. Ecuador).

Type: ♂ ad., Bulún, N.W. Ecuador, 160 feet, 6.xii.1900. G. Flemming leg. No. 253.

544. **Vireolanius mikettae** Hart. = *Vireolanius mikettae* (? Subsp. of *leucotis*).

Vireolanius mikettae Hartert, *Bull. B.O. Club*, xi. p. 38 (1900—Paramba, N. Ecuador).

Type: ♂ ad., Paramba, 3,500 feet, 28.vii.1899. R. Miketta leg. No. 483.

545. **Cyclorhis coibae** Hart. = *Cyclarhis flaviventris coibae*.

Cyclorhis coibae Hartert, *Bull. B.O. Club*, xii. p. 33 (1901—Coiba Island, off Panama).

Type: ♂ ad., Coiba Island, 20.iv.1901. J. H. Batty leg.

MUSCICAPIDAE.

(Including "*Sylviidae*," "*Timeliidae*," "*Turdidae*." Cf. *Vög. pal. F.* p. 469.)

546. **Amytornis woodwardi** Hart. = *Amytornis woodwardi*.

Amytornis woodwardi Hartert, *Bull. B.O. Club*, xvi. p. 30 (1905—South Alligator River, Northern Territory).

Type: ♂ ad., ten miles east of South Alligator River, about 85 miles from coast, 4.vii.1903. J. T. Tunney leg. No. 1,305.

(Mathews accepts the name *Diaphorillas* Oberh. 1899, because he considers *Amytornis* Stejn. 1885 a nomen nudum. I fail to see how this can be supposed, as *A. textilis* is the monotype, and therefore *Amytornis* must be accepted. I do not follow the splitting of these closely allied little birds into four genera.)

547. *Clytomyias insignis oorti* R. & H. = *Clytomyias insignis oorti*.

Clytomyias insignis oorti Rothschild & Hartert, *Nov. Zool.* xiv. p. 460 (1907—head of Aroa River, British Papua).

Type: "♂" ad., head of Aroa River, 4.v.1905. A. S. Meek Coll. No. A 2,171.

548. *Todopsis cyanocephalus dohertyi* R. & H. = *Todopsis cyanocephala dohertyi*.

Todopsis cyanocephalus dohertyi Rothschild & Hartert, *Nov. Zool.* x. p. 477 (Takar, northern coast of Dutch New Guinea).

Type: ♀ ad., Takar, November 1896. William Doherty leg.

(Ogilvie-Grant, *Ibis*, Jubilee Suppl. II. p. 160, 1915, says that our *dohertyi* is "almost certainly identical" with *cyanocephala*. As all the four females from Takar have the upperside conspicuously darker chestnut, there is no reason to think that they are "almost certainly identical," though a large series might possibly prove this to be the case. Many birds from the northern coast [Takar, etc.] differ from those of the more western parts of Dutch New Guinea.)

549. *Malurus dulcis* Math. = *Malurus amabilis dulcis* (teste Mathews).

Malurus dulcis Mathews, *Bull. B.O. Club*, xxi. p. 100 (1908—South Alligator River, Northern Territory).

Types: ♂ ad., ten miles east of South Alligator River, 9.viii.1903; ♀, 4.vii.1903. J. T. Tunney leg. Nos. 1,564, 1,286.

550. *Burnesia reichenowi* Hartl. = *Prinia leucopogon reichenowi*.

Burnesia reichenowi Hartlaub, *Journ. f. Orn.* 1890. p. 151 (Njangalo, Equatorial Africa).

Type: ♀ ad., Njangalo, 28.iv.1889. Emin Pasha leg. No. 199.

551. *Burnesia bairdi obscura* Neum. = *Prinia bairdi obscura*.

Burnesia bairdi obscura Neumann, *Bull. B.O. Club*, xxiii. p. 13 (1908—west of Albert Edward and Kivu Lake).

Type: ♂ ad., forest 90 kilometres west of Lake Albert Edward, 14.ii.1908. Rudolf Grauer leg. No. 2,043.

552. *Prinia gracilis yemenensis* Hart. = *Prinia gracilis yemenensis*.

Prinia gracilis yemenensis Hartert, *Vög. Pal. Fauna*, i. p. 609 (1909—South Arabia).

Type: ♂ ad., Sheik Othman (Osman), near Aden, 20.xi.1898. W. R. Ogilvie-Grant leg. No. 8.

552 b. *Prinia mistacea graueri* subsp. nov.

Type: ♂ ad., North-western shores of Lake Tanganyika, near Baraka, 14.viii.1908. Rudolf Grauer leg. No. 3,233.

This distinct new form differs from all known ones. From the South African *P. mistacea affinis* (Smith) by having a larger and stronger bill, much longer wing

and shorter tail ! The edges of the quills are darker cinnamon, thighs and sides of abdomen brighter and darker cinnamonous. Moreover, while the South African form has a distinct breeding and off-plumage, these do not seem to differ at all in *P. m. graueri*. From *P. m. tenella* of the coastal belt of British East Africa (terra typica Mombasa), which has a similarly strong bill, in longer wing and deeper rufous-cinnamon flanks and thighs. From the inland East African form, which is *not* the same as *tenella*, it differs in its stronger bill, generally shorter tail, and brighter flanks and thighs. Both *tenella* and the inland East African form have only one plumage. *P. mistacea mistacea* (Abyssinia) has finer bill, darker brown upperside even in the "winter" plumage, less rufous wing-edges and sides of abdomen. The two plumages are distinct in *P. m. mistacea*. Wings of *P. m. graueri* : ♂, 54.5–56 ; ♀, 51–53 mm.

Hab. Near Baraka, north-western shores of Lake Tanganyika, Usumbura, and Kissenyi on Lake Kivu. Sixteen specimens, all collected by Rudolf Grauer.

553. *Suya waterstradti* Hart. = *Suya waterstradti*.*

Suya waterstradti Hartert, *Nov. Zool.* ix. p. 568 (1902—Gunong Tahan, Eastern Malay Peninsula).

Type : ♂, Gunong Tahan, 5—9,000 feet, October 1901. John Waterstradt leg.

554. *Cettia oreophila* Sharpe = *Horeites (montanus) oreophilus*.

Cettia oreophila Sharpe, *Ibis*, 1888, p. 387 (Kina Balu, Borneo).

Cotype : ♀ ad., Kina Balu, 8,000 feet, 20.ii.1888. John Whitehead leg. No. 2,027.

(I am not sure if this should be considered a subspecies of *Horeites montanus*, as Hellmayr does, but the latter view is not without foundation.)

555. *Cettia everetti* Hart. = *Horeites montanus everetti*.

Cettia everetti Hartert, *Nov. Zool.* v. p. 113 (1898—Atapupu, Timor).

Type : ♂ ad., Atapupu, Timor, vii.1897. Alfr. Everett leg.

556. *Horeites pallidipes osmastoni* Hart. = *Horeites pallidipes osmastoni*.

Horeites pallidipes osmastoni Hartert, *Bull. B.O. Club*, xxi. p. 107 (June 1908—Andaman Islands).

Type : ♂ ad., Port Blair, 11.xii.1906. R. B. Osmaston leg.

557. *Horeites flavolivacea intricatus* Hart. = *Horeites flavolivaceus intricatus*.

Horeites flavolivacea intricatus Hartert, *Vög. pal. Fauna*, i. p. 533 (1909—Tsin-ling Mts., Shensi, China).

Type : ♂ ad., Sitaipaishan, Tsin-ling Mts., half-way up, 1.x.1905. Coll. by Alan Owston's Japanese hunters. No. 11,050.

* Though I follow the Hand-list of Sharpe, on the whole, because a list according to my system does not exist, I deviated here and in some other cases. *Phyllergates* is a close ally of *Orthotomus* and will be placed near the latter.

558. *Camaroptera griseoviridis harterti* Zedl. = *Camaroptera brevicaudata harterti*.

Camaroptera griseoviridis harterti Zedlitz, *Journ. f. Orn.* 1911. p. 342 (Angola).

Type: ♂ ad., Canhoca, N. Angola, 20.xi.1903. W. J. Ansorge leg. No. 1,198.

Zedlitz's Revision of the genus *Camaroptera*, in *Journ. f. Orn.* 1911, pp. 328-345, advances our knowledge of this difficult little genus very much and is an excellent piece of work. Unfortunately, however, it contains a fundamental nomenclatorial error, because the author, following Reichenow, misunderstood Cretzschmar's *brevicaudata*. Neither the figure nor the description can possibly warrant the assumption that *brevicaudata* is a form of what is correctly called *superciliaris*, with its bright yellowish-green upperside and golden-yellow forehead, cheeks, and superciliary lines. Zedlitz says that the figures in the *Atlas* can be trusted, but it is impossible to stick to them in detail, as a comparison with actual specimens of other plates will prove. Moreover, Cretzschmar does not talk of a "schön grüne Oberseite," but clearly describes the upperside as *olivaceous, merging into pale brown on the head and nape, and with a fine green tinge on back and wing-coverts*! Evidently the latter has been overdone by the artist, and the types are the two specimens now in the Senckenbergian Museum, as carefully described by Zedlitz. Cretzschmar's description is that of the younger bird, which *has* some green on the back. To make Zedlitz's and Reichenow's grouping of the forms acceptable, they had to resort to the somewhat wild theory that Cretzschmar's *brevicaudata* is a form of what is rightly called *superciliaris*, a group only known from the West African faunal region, the type of which they assumed to be lost, and which had defied all efforts of future collectors to re-discover it! As, however, Rüppell's collections were made in Eastern Kordofan, and Butler and others found there the bird called by Zedlitz *C. griseoviridis griseoviridis*, this form must be the true *C. brevicaudata brevicaudata*.

559. *Camaroptera brevicaudata rothschildi* Zedl. = *Camaroptera superciliaris rothschildi*.

Camaroptera brevicaudata rothschildi Zedlitz, *Journ. f. Orn.* 1911. p. 331 (Gabun, north to the Gold Coast).

Type: ♂ ad., Abanga River, Ogowe River, Gabun, 6.xi.1907. W. J. Ansorge leg. No. 937.

560. *Canmaroptera brevicaudata pulchra* Zedl. = *Camaroptera superciliaris pulchra*.

Camaroptera brevicaudata pulchra Zedlitz, *Journ. f. Orn.* 1911. p. 331 (North Angola, east to Lake Tanganyika).

Type: ♀ ad., Canhoca, Angola, 15.xi.1903. W. J. Ansorge leg. No. 1,134 (not 1,143).

It seems to me that *pulchra* and *rothschildi* are recognizable subspecies; should the two not be separable, *rothschildi* would be a synonym, as *pulchra* stands first on the page. In any case, more material is desired to confirm these forms. A female named *flavigularis* by Zedlitz, from the Ogowe River, is, I have no doubt at all, the young of *rothschildi*. Could all *flavigularis* be young birds? Then *rothschildi* would be a synonym of *flavigularis* 1894!

561. *Sylvietta brachyura nilotica* Neum. = *Sylvietta brachyura nilotica*.*Sylvietta brachyura nilotica* Neumann, *Journ. f. Orn.* 1906. p. 279 (Akobo, White Nile, Atbara).

Type : ♀ ad., Shabeisha, White Nile, 23.iv.1900. Harry F. Witherby leg. No. 122.

(Cf. *Ibis*, 1918, p. 670.)562. *Sylvietta ansorgei* Hart. = *Sylvietta ansorgei*.*Sylvietta ansorgei* Hartert, *Bull. B.O. Club*, xix. p. 97 (1907—Benguella).Type : ♂ ad., Huxe, Benguella, 28.vi.1904. W. J. Ansorge leg. No. 152. (*S. lowei* Ogilvie-Grant, 1911, is a synonym. Cf. *Ibis*, 1918, p. 671.)562 a. *Sylvietta leucophrys chloronota* subsp. nov.Differs from *S. leucophrys leucophrys* in having the whole back yellowish green, only the uppermost back being slightly tinged with olivaceous, and the crown and ear-coverts brighter chestnut. Dimensions the same.

Type : ♂ ad., primeval forest north-west of Baraka, N.W. of Lake Tanganyika, 1,900 m., 19.xi.1908. Rudolf Grauer leg. No. 3,852.

Hab. Near Baraka and Kivu region, at elevations of 1,600 to 2,400 m., in forest.

Compared nine specimens, all collected by Grauer, with six topotypical ones, collected by Dr. van Someren's hunter and Colonel Meinertzhagen's collector, Allen Turner.

563. *Sylvietta neumanni* Rothschild. = *Sylvietta neumanni*.*Sylvietta neumanni* Rothschild, *Bull. B.O. Club*, xxiii. p. 42 (1908—West of Lake Tanganyika).

Type : ♂ ad., primeval forest west of Lake Tanganyika, 2,000 m., 28.vii.1908. Rudolf Grauer leg. No. 3,137.

(?) 564. *Apalis flavida malensis* Neum. = *Apalis (Euprinodes) flavida malensis*?*Apalis flavida malensis* Neumann, *Orn. Monatsber.* 1905, p. 78 ("Gebiet nördlich des Rudolf-und Stefanie-Sees").

Type : ♂, "Schambala-Fluss, Male-Land," 21.i.1901. Oscar Neumann leg. No. 631.

Zedlitz (*Journ. f. Orn.* 1916, p. 90), who has seen 5 males and 2 females, recognizes this form, but I am doubtful if it should not be united with *flavocincta*! Zedlitz's description is not convincing, moreover he compares *malensis* with "*malensis*," but I suppose he meant to say *flavocincta*.565. *Apalis nigriceps collaris* van Som. = *Apalis nigriceps collaris*.*Apalis nigriceps collaris* van Someren, *Bull. B.O. Club*, xxxv. p. 107 (1915—Uganda).

Types : ♂♀, Bugoma Forest, Uganda, 16.x.1913. Dr. V. G. L. van Someren leg.

† 566. *Apalis ansorgei* Hart. = *Eremomela atricollis* Boc.

Eremomela atricollis Bocage, *Journ. Lisboa* (2), xi. p. 153 (1893—Galanga, Benguella).
Apalis ansorgei Hartert, *Bull. B.O. Club*, xv. p. 95 (1895—Bihé, Benguella).

(Of *Urolais mariae* Alexander we have a paratype, ♂, obtained on Mt. St. Isabel, Fernando Po, 26.xi.1902. This appears to be one of the only two specimens collected by the author, whose magnificent collection is now in the British Museum.)

567. *Sericornis meeki* R. & H. = *Sericornis meeki*.

Sericornis meeki Rothschild & Hartert, *Nov. Zool.* xx. p. 503 (Mt. Goliath, eastern Central Dutch New Guinea).

Type : “♀,” Mt. Goliath, 8.ii.1911. A. S. Meek Coll. No. 5,338.

† 568. *Sericornis pusilla* R. & H. = *Sericornis olivacea* Salvad.

Sericornis olivacea Salvadori, *Ann. Mus. Genova*, xxxvi. p. 100 (1896—Moroka, British New Guinea Mts.).

Sericornis pusilla Rothschild & Hartert, *Nov. Zool.* x. p. 228 (1903—Richardson Range, British New Guinea).

Type : Mt. Gayata, Richardson Range, British New Guinea, 2—4,000 feet. (According to preparation collected by Weiske ?)

569. *Sericornis arfakiana* Salvad. = *Sericornis arfakiana arfakiana*.

Sericornis arfakiana Salvadori, *Ann. Mus. Civ. Genova*, vii. p. 962 (1875—Arfak Mountains).

Cotype : Mori, Arfak Mts., 3,500 feet, 3.v.1875. Odvardo Beccari leg. (ex David). Specimen C of the list of six specimens in Salvadori's *Orn. Pap.* ii. p. 408. Marked “Typus !” by the author.

570. *Sericornis arfakiana oorti* R. & H. = *Sericornis arfakiana oorti*.

Sericornis arfakiana oorti Rothschild & Hartert, *Nov. Zool.* 1913. p. 503 (S.E. New Guinea).

Type : ♂ ad., Bihagi, head of Mambare River, 19.ii.1906. A. S. Meek Coll. No. A 2,464.

571. *Acanthiza nana mathewsi* Hart. = *Acanthiza nana mathewsi*.

Acanthiza nana mathewsi Hartert, *Bull. B.O. Club*, xxv. p. 82 (1910—Victoria : Box Hill, Castlemaine, Mulgrave River, Springvale, Saddleworth. Type Springvale).

Type : ♂ ad., Springvale, Victoria, 23.x.1897. A. C. Campbell leg. No. 76 a.

572. *Acanthopneuste everetti* Hart. = *Phylloscopus giulianetti everetti*.

Acanthopneuste everetti Hartert, *Bull. B.O. Club*, viii. p. 31 (1899—Buru) ; cf. *Nov. Zool.* 1900. p. 239, 1914. p. 389 ; *Vög. pal. Fauna*, pp. 496, 500.

Type : ad., Mt. Mada (Madang, Gunong Fogha), Buru, 3,000 feet, viii.—ix. 1898. J. Dumas leg.

573. *Cryptolopha everetti waterstradti* Hart. = *Phylloscopus giulianettii waterstradti*.

Cryptolopha everetti waterstradti Hartert, *Nov. Zool.* 1903. p. 9 (Batjan and Obi Major).

Type : ♀, Batjan, vii. 1902, 5-7,000 feet. John Waterstradt leg.

574. *Phylloscopus trivirgatus parvirostris* Stres. = *Phylloscopus trivirgatus parvirostris*.

Phylloscopus trivirgatus parvirostris Stresemann, *Nov. Zool.* xix. p. 322 (1911—Mountains of Malay Peninsula).

Type : ♂, Gunong Tahan, Pahang, Eastern Malay Peninsula, 5,200 feet, 13.vii.1911. Ex Mus. Kwala Lumpur, exchanged.

(This form is very closely allied to *P. trivirgatus trivirgatus* from Java, Bali, Lombok, and Sumbawa, but the bill is a little shorter and blackish underneath, while in *P. t. trivirgatus* it is chiefly light brown or flesh colour. Four Sumatran specimens, collected by Robinson and Kloss, belong also to *P. t. parvirostris*, as suggested by Stresemann. The wing of the latter is *not* shorter.)

575. *Acanthopneuste floris* Hart. = *Phylloscopus floris*.

Acanthopneuste floris Hartert, *Nov. Zool.* v. p. 114 (1898—Flores).

Type : ♂, South Flores, 3,500 feet, October 1896. Alfred Everett leg.

576. *Phylloscopus trochiloides fokiensis* Hart. = *Phylloscopus trochiloides fokiensis*

Phylloscopus trochiloides fokiensis Hartert, *Bull. B.O. Club*, xxxvii. p. 43 (1917—Fokien, China).

Type : ♂ ad., Kuatun, N.W. Fokien, 15.iv.1897. J. De La Touche Coll.

577. *Acanthopneuste trochiloides harterti* Bak. = *Phylloscopus trochiloides harterti*.

Acanthopneuste trochiloides harterti Baker, *Bull. B.O. Club*, xxxi. p. 36 (1913—Assam Hills, 4,000—6,000 feet).

Type : ♂, said to have been caught on nest by native, on the peak near Shillong, 6,000 feet, 13.vi.1908. E. C. Stuart Baker leg.

In the description, in the eighth line, it should of course be *inner* webs, instead of "outer" webs.

578. *Phylloscopus goodsoni* Hart. = *Phylloscopus goodsoni*.

Phylloscopus goodsoni Hartert, *Nov. Zool.* xvii. p. 240 (1910—Hainan).

Type : ♂ ad., Lei Mui Mon, Hainan, 12.i.1903. Katsumata leg.

This might perhaps be a subspecies of *P. ricketti* ?

(? †) 579. *Phylloscopus sibilatrix erlangeri* Hart. = *Phylloscopus sibilatrix erlangeri* (or *flavescens*).

Phylloscopus sibilatrix flavescens Erlanger, *Journ. f. Orn.* 1899. p. 254. pl. v. (Tunisia).

Phylloscopus sibilatrix erlangeri Hartert, *Vög. pal. Fauna*, i. p. 516 (1909—"Scheint die Mittelmeerlande zu bewohnen, und zwar Süd-Frankreich, Spanien, Sardinien, Dalmatien bis Serbien, und vermutlich Marokko, Tunis und Algier").

Type: ♂ ad., Orange Wood in the Mehuila, on the Dum-er-Rebia, east of Mazagan, West Morocco, 8.iv.1901. Ernst Hartert leg.

It is doubtful if this name is valid. I named these paler, more yellowish birds *erlangeri*, because there was already a *Sylvia flavescens* and *Phyllopneuste flavescens* of Gray, but there is no *Phylloscopus flavescens*. I am afraid, therefore, that I wrongly interpreted the Rules of Nomenclature, and that the name *flavescens* may be used. Moreover, I do not any longer believe that any *sibilatrix* breeds in Africa, but consider *flavescens* (or *erlangeri*) a South European form, merely differing *very slightly* by being more yellowish from *P. sibilatrix sibilatrix*. Cf. NOVITATES ZOOLOGICAE, xx. p. 49 (1913).

580. *Phylloscopus borealis examinandus* Stres. = *Phylloscopus borealis examinandus*.

Phylloscopus borealis examinandus Stresemann, *Nov. Zool.* xx. p. 353 (1913—Bali, Sumbawa, Flores, Alor, and Sumba, in winter!).

Type: ♂ ad., Bali, iii.1896. William Doherty leg.

This apparent subspecies is so far only known in winter quarters, on the Lesser Sunda Islands to Alor, east of Bali. Observations in the breeding places will have to confirm this form before it can be said to be finally established, but it seems to be different.

581. *Phylloscopus collybita exsul* Hart. = *Phylloscopus collybita exsul*.

Phylloscopus collybita exsul Hartert, *Vög. pal. Fauna*, i. p. 505 (1907—Lanzarote).

Type: ♂ ad., Lanzarote, 22.xii.1903. Polatzek leg. No. 2,223.

582. *Sylvia deserticola maroccana* Hart. = *Sylvia deserticola maroccana*.

Sylvia deserticola maroccana Hartert, *Bull. B.O. Club*, xxxviii. p. 6 (1917—Western Atlas, in Morocco).

Type: ♂ ad., Seksawa, Western Atlas, Morocco, 27.iii.1906. F. W. Riegenbach leg. No. 1,730.

This is one of the most interesting discoveries of Mr. Riegenbach in Morocco. The "typical" *S. deserticola deserticola*, as we now well know, nests in the southern or Saharan Atlas Ranges and mountains of the Haux Plateaux (near Batna, Djelfa, etc.), in Algeria and Tunisia. Of *S. d. maroccana* Riegenbach only sent one male, but its differences are beautifully confirmed by a specimen collected by Mr. Meade-Waldo near Tsauritz Entsagauz, where it was common.

583. *Sylvia undata toni* Hart. = *Sylvia undata toni*.

Sylvia undata toni Hartert, *Vög. pal. Fauna*, i. p. 602.

Type: ♂ ad., south of Biskra, S. Algeria, 14.i.1903. Ernst Flückiger leg. No. 327.

584. *Tatare familiaris* Rothsch. = *Acrocephalus familiaris*.

Tatare familiaris Rothschild, *Ann. & Mag. Nat. Hist.* (6), x. p. 109 (1892—Laysan Island).

Type : ♂ ad., Laysan Island, 18.vi.1891. H. C. Palmer leg. No. 1,092.

585. *Acrocephalus arundinaceus zarudnyi* Hart. = *Acrocephalus arundinaceus zarudnyi*.

Acrocephalus arundinaceus zarudnyi Hartert, *Bull. B.O. Club*, xxi. p. 26 (1907—Turkestan, terra typica Djarkent); *Vög. pal. Fauna*, p. 558.

Type : ♂ ad., Djarkent, Turkestan, 21.iv.1900 (Russian date). N. Zarudny leg. No. 1,566.

(?) 586. *Calamoherpe griseldis* Hartl. = *Acrocephalus arundinaceus griseldis*.

Calamoherpe griseldis Hartlaub, *Abh. Nat. Ver. Bremen*, xii. p. 7 (1891—Nguru).

Type : Nguru, Emin Pasha leg. Received from Hartlaub.

Sharpe (*Hand-list*, iv. p. 206) places this bird in the genus *Calamocichla*, but it is nothing than a very small *Acrocephalus arundinaceus*! It might be a dwarf of the latter. The wing measures only 85 mm. Or it might be a small subspecies of the Great Reed-Warbler, either breeding in tropical Africa or wintering there as a visitor from somewhere in the palaearctic fauna.

587. *Calamocichla cunenensis* Hart. = *Calamocichla cunenensis*.

Calamocichla cunenensis Hartert, *Bull. B.O. Club*, xiii. p. 62 (1903—Cunene River, S.W. Africa).

Type : Cunene River (probably south of), 3.iv.1880. A. W. Ariksson leg.

The species of *Calamocichla* are Reed-Warblers closely allied to *Acrocephalus*, but with a more rounded wing, the first primary being much longer, the second shorter, and resident, non-migratory, in Tropical Africa. Neumann gave an excellent review of the genus in *NOVITATES ZOOLOGICAE*, 1908, pp. 244–252. In the *Hand-list* Sharpe has at last placed *Calamocichla* and *Acrocephalus* in the same family, while in the *Cat. B.* they were in different volumes!

588. *Calamocichla zuluensis* Neum. = *Calamocichla leptorhyncha zuluensis*.

Calamocichla zuluensis Neumann, *Bull. B.O. Club*, xxi. (not xx.!) p. 96 (1908—Zululand and South Mozambique); *Nov. Zool.* 1908. p. 248.

Type : Ad. Eschowe, Zululand. Woodward Bros. leg.

This form requires further confirmation and can only be a subspecies of *leptorhyncha*. Neumann was certainly wrong in uniting the Upper Shire specimen with *leptorhyncha*, as it agrees perfectly with the type of *zuluensis*. *C. gracilirostris* is a much larger bird.

589. *Calamocichla ansorgei* Hart. = *Calamocichla ansorgei ansorgei*.

Calamocichla ansorgei Hartert, *Bull. B.O. Club*, xvi. p. 52 (1906—Duque de Braganza, N. Angola).

Type : ♂ ad., Duque de Braganza, 2.viii.1903. W. J. Ansorge leg. No. 850.

590. *Calamonastes fasciolatus pallidior* Hart. = *Calamonastes fasciolatus pallidior*.

Calamonastes fasciolatus pallidior Hartert, *Bull. B.O. Club*, xix. p. 97 (1907—Huxe, "Sandpits," and Makonjo in Benguella).

Type : ♂ ad., "Sandpits," Benguella, 8.vii.1904. W. J. Ansorge leg. No. 259.

† 591. *Cisticola floweri* Hart. = *Cisticola ruficeps*.

Cisticola floweri Hartert, *Bull. B.O. Club*, xxvii. p. 12 (Sennaar, Blue Nile); fig. *Ibis*, 1918. pl. x. fig. 8.

Type : Sennaar, Blue Nile, 28.vii.1909. S. S. Flower leg. No. 870.

Messrs. Selater and Mackworth-Praed, *Ibis*, 1918, p. 651, say that the series in the British Museum prove that *C. ruficeps* has a very distinct seasonal change of plumage, the winter birds having the back boldly striped with black and yellowish, while the summer birds (described by me as *C. floweri*) have the back plain greyish brown, with very faint traces of darker stripes to the centres of the feathers. Though it has been known for some time that the winter and summer plumages of many *Cisticolae* differ (for example, the head being either uniform rufous or boldly streaked in *C. exilis*), this was not known in the case of *C. ruficeps*.

Messrs. Selater and Mackworth-Praed separate the Kordofan form *Cisticola ruficeps ruficeps* and the Upper Nile and Sennaar one as *E. ruficeps scotoptera*. This, however, requires confirmation, for on two specimens collected by A. L. Butler at Gedaref (east of Sennaar), in April 1901 (boldly streaked but much worn, evidently shortly before the moult), Oscar Neumann made a note on the labels saying that he compared them with the types of *ruficeps* in the Frankfurt and Berlin Museums from Kordofan and found them completely alike in plumage.

(?) 592. *Cisticola neumanni* Hart. = *Cisticola prinioides neumanni* (or *Cisticola prinioides prinioides*?).

Cisticola neumanni Hartert, *Bull. B.O. Club*, xii. p. 13 (1901—Mt. Kenya).

Type : Western slope of Mt. Kenya, 10,000 feet, 7.viii.1899. J. Mackinder leg. No. 46.

This form requires confirmation by a series. Are not *C. prinioides* and *C. hunteri* perhaps seasonal forms of the same species?

593. *Cisticola cisticola arabica* Hart. = *Cisticola cisticola arabica*.

Cisticola cisticola arabica Hartert, *Nov. Zool.* 1917. p. 458 (South Arabia—Yemen and Lahej).

Type : Hajeilah, Yemen, 2,080 feet, 1.iv.1913. G. W. Bury leg. No. 583.

594. *Cisticola natalensis inexpectata* Neum. = *Cisticola natalensis inexpectata*.

Cisticola natalensis inexpectata Neumann, *Journ. f. Orn.* 1906. p. 268 (Shoa and Lake Abassi).

Type : ♂, Lake Abassi, 5.xii.1900 (not 4.xii.1900). Oscar Neumann leg. No. 352.

595. *Cisticola erythrogenys djamdjamensis* Neum. = *Cisticola lugubris djamdjamensis*.

Cisticola erythrogenys djamdjamensis Neumann, *Journ. f. Orn.* 1904. p. 163 (Djamdjam); *id.*, *op. cit.* 1906. p. 269.

Type: ♀, Abera in Djamdjam, 16.xii.1900. Oscar Neumann leg. No. 429.

After studying these *Cisticolae* with Dr. van Someren I have come to the conclusion that *erythrogenys* is the non-breeding plumage of *lugubris*! Therefore *erythrogenys* becomes a synonym of *lugubris* and *djamdjamensis* a subspecies of *lugubris*.

596. *Cisticola robusta schraderi* Neum. = *Cisticola robusta schraderi*.

Cisticola robusta schraderi Neumann, *Journ. f. Orn.* 1906. p. 265 ("Nord-Abyssinien").

Type: Senafé, N. Abyssinia, 7,500 feet, 10.i.1903 (not 1902!). Gustav Schrader leg.

† 597. *Cisticola blanfordi sobatensis* Neum. = *Cisticola lugubris marginata*.

Cisticola blanfordi sobatensis Neumann, *Orn. Monatsber.* 1904. p. 164 (Sobat).

Type: ♂, Diek, on the Akobo River, one of the source rivers of the Sobat, 28.v.1901. Oscar Neumann leg. No. 1,255.

Neumann (*Journ. f. Orn.* 1906, p. 270) declares, after comparing the type of *blanfordi*, that his *sobatensis* is the same as *blanfordi*. Sclater and Mackworth-Praed (*Ibis*, 1918, p. 647) adopt the name *marginata* Heugl. for this form, treating it, as Neumann did in 1906, as a subspecies of *C. lugubris*. I am convinced that Neumann as well as Sclater and Praed were right in their conclusions, and that therefore *C. b. sobatensis* is a synonym of *C. l. marginata*, described by Heuglin, *Ibis*, 1869, p. 94, pl. i. fig. 1, from the White Nile between Fashoda and Lado.

This form is closely allied to *haematocephala*, and it would be a great help if the differences, in the various plumages, between *marginata* and *haematocephala* (1868) were clearly described.

598. *Cisticola ansorgei* Neum. = *Cisticola subruficapilla ansorgei*.

Cisticola ansorgei Neumann, *Bull. B.O. Club*, xvi. p. 114 (1906—"Benguella").

Type: ♂ ad., Caconda, Benguella, 7.ix.1904 (not "2.ix.1904"). W. J. Ansorge leg. No. 893.

598 a. *Cisticola tinniens perpulla* subsp. nov.

Type: ♂ ad., Bailundu country, Benguella, 18.viii.1901. C. Hubert Pemberton leg.

Differs from *C. tinniens tinniens* in being darker. The crown is of a less bright, darker brown, and the blackish streaks are, as a rule, less obvious; the edges to the feathers of the back are narrower, darker, and more brownish, so that the whole upperside looks much darker; the margins of the tail-feathers are of a less bright and darker brown, the tips of the lateral pairs have less sharply defined black anteapical cross-bars. Underside of a duller, more greyish, less buffy-yellowish coloration. Wings: 2 ♂, 60 and 61.5; 2 ♀, 54 and 55 mm.

"Iris neutral orange. Feet light brown, brown-ochre, brown flesh-colour. Bill black, lower pale" (Ansorge).

Hab. Benguella: Quando River, 20.xii.1904 (W. J. Ansorge); Cuanhangamma River, 17.ix.1904 (W. J. Ansorge); Bulu-Bulu, in Bihé, 4.x.1904; Bailundu, 18.viii.1901. C. H. Pemberton. All these localities are inland (east) of the town of Benguella.

† 599. *Cisticola simplicissima* Neum. = *Cisticola angusticauda* Rehw.

Cisticola angusticauda Reichenow, *Journ. f. Orn.* 1891. pp. 69, 163 (Gonda, Tabora).

Cisticola simplicissima Neumann, *Bull. B.O. Club*, xxiii. p. 47 (1908—"Benguella").

Type: ♂, Kukema River, Bihé, Benguella, 8.xii.1904. W. J. Ansorge leg. No. 870.

The type is not fully adult. There can be no doubt that it is the same species as *angusticauda*, which extends westwards to Benguella. I do not understand why Neumann did not allude to *angusticauda*, while comparing his supposed new species with *C. rufa*. *C. muelleri* Alex. (1899) appears to be also *angusticauda*!

† 600. *Cisticola hypoxantha* Hartl. = *Cisticola rufa* (? a subsp.).

Drymoica rufa Fraser, *Proc. Zool. Soc. London*, 1843. p. 17 ("River Quorra, opposite Iddah").

Cisticola hypoxantha Hartlaub, *Proc. Zool. Soc. London*, 1880. p. 624 ("Magungo, December 11").

Errone: The specimen is labelled "Magungo, 19.11.1879," and the eleventh month is November).

Type: ♂ juv., Magungo, 19.xi.1879. Emin Pasha leg. No. 122.

There is no doubt that Hartlaub's *hypoxantha* is the young bird of *C. rufa*, which has, like so many *Cisticolae*, a yellow underside. It is, however, possible that *C. rufa* can be subdivided into several subspecies, but even if the East African form is separated I believe "*hypoxantha*" would remain a synonym of *rufa*.

† 601. *Phyllergates* * *cinereicollis* Sharpe = *Phyllergates cucullatus cucullatus*.

Orthotomus cucullatus Temminck, *Pl. Col.* 599. fig. 2 (1836—Java, Sumatra).

Phyllergates cinereicollis Sharpe, *Ibis*, 1888, p. 479 (Kina Balu, N.E. Borneo).

Type: ♂ ad., Kina Balu, 4,000 feet, 10.ii.1888. John Whitehead leg. No. 2,101.

In NOVITATES ZOOLOGICAE, iv. pp. 517, 518, I said that most likely *cinereicollis* would not be separable from *cucullatus*. This is indeed the case—Bornean and Javan, as well as Sumatran specimens (*sumatranus* Salvad.), are absolutely inseparable, and so are those from the Malay Peninsula. Stresemann (NOVITATES ZOOLOGICAE, xix. 1912, pp. 341, 342) has also come to this conclusion. Stresemann also points out that my statement, that the outer rectrices in Javan, Malaccan, and Bornean specimens had no white at all, was not quite correct; this is true, at the same time a (more or less narrow) white outer edge to the lateral rectrices is very rare and only seen in our series in a few skins from the Malay Peninsula, and one from Java, so that the absence or diminished extent

* Though, for the sake of convenience, I follow Sharpe's *Hand-list* in this List, in reversed order, I cannot do so in all cases. In this case, for example, I have to deviate: *Phyllergates* is closely allied to *Orthotomus*, while Sharpe placed 56 genera between them.

of white markings in *P. cucullatus cucullatus* is still a very good character to distinguish it from *P. cucullatus coronatus* from India and Burma. Stresemann also unites *P. c. philippinus* with *cucullatus cucullatus*, but I do not agree to this. It is true that the character by which I distinguished *philippinus*, i.e. a narrow white mark on the two outer rectrices, is not constant, but the crown and back of Philippine specimens are slightly lighter, so that I shall, for the present, keep *philippinus* separate. (Of *P. heterolaemus* Mearns from Mindanao I have not been able to examine specimens. It seems to be quite different.)

602. **Phyllergates cucullatus philippinus** Hart. = *Phyllergates cucullatus philippinus*.

Phyllergates cucullatus philippinus Hartert, *Nov. Zool.* iv. p. 517 (1897—North Luzon).

Type: ♂ ad., Benguet, North Luzon, 2.iii.1894. John Whitehead leg. No. 276.

See remarks under 601. More material desired!

603. **Phyllergates everetti** Hart. = *Phyllergates cucullatus everetti*.

Phyllergates everetti Hartert, *Nov. Zool.* iv. p. 517 (1897—S. Flores).

Type: ♂ ad., South Flores, above 3,500 feet, November 1896. Alfred Everett leg.

604. **Phyllergates everetti dumasi** Hart. = *Phyllergates cucullatus dumasi*.

Phyllergates everetti dumasi Hartert, *Bull. B.O. Club*, viii. p. 31 (1899—Mt. Mada, Buru); *Nov. Zool.* 1900. p. 238. 1914. p. 390.

Type: ♂ ad., Mt. Mada (Madang), 3,000 feet, September 1898. J. Dumas leg.

605. **Phyllergates cucullatus batjanensis** Hart. = *Phyllergates cucullatus batjanensis*.

Phyllergates cucullatus batjanensis Hartert, *Bull. B.O. Club*, xxxi. p. 2 (1912—"Batjan, Northern Moluccas").

Type: ♂ ad., Batjan, 5,000—7,000 feet, July 1902. J. Waterstradt leg.

606. **Orthotomus chloronotus** Grant = *Orthotomus chloronotus*.

Orthotomus chloronotus Grant, *Bull. B.O. Club*, v. p. ii. (1895—"Cap Engano, N.E. Luzon"); *Ibis*, 1896. p. 117. pl. iii. fig. 1.

Type and single specimen: ♂ ad., Cap Engaño, N.E. Luzon, 22.iv.1895. John Whitehead leg. No. A 279.

607. **Bradypterus alfredi** Hartl. = *Bradypterus alfredi alfredi*.

Bradypterus alfredi Hartlaub, *Journ. f. Orn.* 1890. p. 152 ("Njangalo," err.: should be Njangabo).

Type: ♀ ad., Njangabo, 3.v.1889. Emin Pasha leg. No. 212.

- (?) 608. *Bradypterus cinnamomeus pallidior* Neum. = *Bradypterus cinnamomeus pallidior*.

Bradypterus cinnamomeus pallidior Neumann, *Orn. Monatsber.* 1914. p. 10 ("Gebirge westlich des Tanganyka").

Type : ♀ ad. (not "♂"), primeval forest west of Baraka, 1,900 m., 1.xii.1908. Rud. Grauer leg. No. 3,819.

This form requires confirmation. The type is very pale, but in the same region we find quite dark birds like *cinnamomeus*.

609. *Stasiasticus montis* Hart. = *Bradypterus montis*.

Stasiasticus montis Hartert, *Nov. Zool.* iii. p. 540 (1896—Mt. Arjuno, Eastern Java).

Type : ♂, Mt. Arjuno, 9—10,000 feet, January 1896. William Doherty leg.

It is, in my opinion, absolutely certain that my genus "*Stasiasticus*" was founded on wrong premises. I compared it with *Androphilus* and *Pseudotharraleus*, but it is really congeneric with the birds generally called *Lusciniola*—i.e. *thoracica*, *luteiventris*, *seebohmi*, etc. These latter are, however, inseparable from the African *Bradypterus*, in every way. They must, therefore, all be called *Bradypterus*. The only further question is, whether they can really be united with *Lusciniola* (type *melanopogon*), as I did in *Vög. pal. Fauna*, p. 540, or whether they should be separated as has been done by Oates and Sharpe. I think it will be better to separate them, because *Lusciniola melanopogon* has the tail less graduated, the wings comparatively longer, the plumage not quite so copious. We would then have :

Lusciniola with *melanopogon* and subsp. alone, *Bradypterus* with *brachypterus* (genotype), and about 14 other African forms, and *pryeri*, *taczanowskia*, *luteoventris*, *major*, *thoracica*, *seebohmi*, *montis*, *russula*.

610. *Lusciniola seebohmi* Grant = *Bradypterus seebohmi*.

Lusciniola seebohmi Grant, *Bull. B.O. Club*, iv. p. xl. (1895—North Luzon).

Type : ♀, Province of Lepanto, North Luzon, 28.xii.1894. John Whitehead leg. No. 931.

611. *Bradypterus brachypterus centralis* Neum. = *Bradypterus brachypterus centralis*.

Bradypterus brachypterus centralis Neumann, *Bull. B.O. Club*, xxi. p. 55 (1908—"East and East Central Africa, from Kikuyu to Lake Kivu").

Type : ♀, River bank between Mkingo and Mubera (on the route from Kagera to Kiva), 6.viii.1907. Rud. Grauer leg. No. 950.

More information about this form is greatly desired. Besides the type there is in the Tring Museum a ♂ collected by William Doherty at the Escarpment, Kikuyu Mountains, October 1900, which probably belongs to *centralis*, with the type locality Kivu region !

612. *Bradypterus graueri* Neum. = *Bradypterus graueri*.

Bradypterus graueri Neumann, *Bull. B.O. Club*, xxi. p. 56 (1908—"Western Kivu Volcanoes").

Type and unique specimen : ♂, edge of swamp, Western Kivu Volcanoes, 2,200 m., 17.viii.1907. Rud. Grauer leg. No. 991.

This form badly requires confirmation ! It is in good fresh plumage, while the type of *centralis* is in very much worn garb. This is peculiar, as both were shot in August ; the latter may be juvenile, but it does not look so ! Another question is, if both could not be the same bird ? *B. graueri*, however, is much larger, and we do not know that the sexes differ appreciably in size in the genus.

613. *Bessonornis* (? *Cossypha*) *gambagae* Hart. = *Oenanthe familiaris gambagae*.

Bessonornis (*Cossypha*) *gambagae* Hartert, *Bull. B.O. Club*, x. p. v. (1899—Gambaga, Gold Coast Hinterland).

Type : "♀," Gambaga, 27.viii.1898. Capt. W. Giffard leg.

I must confess that I am still somewhat in doubt about the genus in which this bird should be placed. I admit that I, following Sharpe's arrangement in the British Museum, was wrong in placing this form in "*Bessonornis*," which is, apparently, not separable from *Cossypha*. Reichenow certainly came near the truth when he placed *familiaris*, *galtoni*, and *falkensteini* in *Phoenicurus*. I would gladly agree to this, if I did not consider that they are still better placed in *Oenanthe*. Will anyone point out a generic difference between *Oenanthe chrysopygia* and the disputed *familiaris*, *galtoni*, *falkensteini*, *gambagae*, *omoensis* ? This, of course, raises the question of what the differences are between *Oenanthe* (formerly *Saxicola*) and *Phoenicurus* ? That they are very unsatisfactory may be gathered from comparing the generic characters described in vol. v. of the *Cat. B. Brit. Mus.*, Reichenow's *Vög. Afr.* iii. (where they are most wrongly placed in two different subfamilies !), and my *Vög. pal. Fauna*, i. I still believe, however, that they can be kept separate, though they are *closely* allied, by the following characters :

In *Oenanthe* the bill is comparatively larger, tail comparatively shorter. In *Phoenicurus* the beak is weaker, tail comparatively longer. The artificial distinction of the proportion of the tail and bill used by Seebohm holds good, though it is not a nice one. If the above distinction is accepted, the *familiaris* group goes into *Oenanthe* by its bill, while the tail is not really shorter, except by comparison with the bill ! I am certainly of opinion that *galtoni*, *falkensteini*, *gambagae*, and *omoensis* are subspecies, and that *gambagae* is not identical with *falkensteini*, having the under tail-coverts reddish.

614. *Saxicola galtoni omoensis* Neum. = *Oenanthe familiaris omoensis*.

Saxicola galtoni omoensis Neumann, *Orn. Monatsber.* 1904. p. 163 ("Omo-Gebiet").

Type : ♂ ad., Baka in Konta, 28.ii.1901. Oscar Neumann leg. No. 949.

It must be said that the two specimens collected by Neumann are in very badly worn plumage, evidently shortly after the breeding season, and that a series of fresh specimens are desirable to better explain the differences of this undoubtedly recognizable form.

615. *Oenanthe leucopyga aegra* Hart. = *Oenanthe leucopyga aegra*.

Oenanthe leucopyga aegra Hartert, *Nov. Zool.* xx. p. 55 (1913—Algerian Sahara).

Type : ♂ ad., Jara Krima, near Ouargla, 10.iii.1914. E. Hartert and C. Hilgert leg. No. 206.

616. **Saxicola leucurus riggenbachi** Hart. = *Oenanthe leucurus riggenbachi*.

Saxicola leucurus riggenbachi Hartert, *Falco*, 1909. p. 36 (Rio de Oro).

Type: ♂ ad., Rio de Oro, west coast of Sahara, nearly under the tropic of the cancer, 4.vii.1902. F. W. Riggenbach leg. No. 21.

617. **Saxicola seebohmi** Dixon = *Oenanthe oenanthe seebohmi*.

Saxicola seebohmi Dixon, *Ibis*, 1882. p. 563. pl. xiv. (Djebel Mahmel, S.E. Algeria).

Type: (♂ ad.), Djebel Mahmel (on the label "Djebel Aures, 5,500 feet"), 2.v.1882. H. J. Elwes and C. Dixon leg. Labelled "Type," apparently by Dixon. (Ex coll. H. J. Elwes.)

The collectors only shot two males, not knowing that they had found a new form. Cotype (a paratype) in the British Museum.

618. **Cercomela melanura erlangeri** Zedl. = *Cercomela melanura erlangeri*.

Cercomela melanura erlangeri Zedlitz, *Journ. f. Orn.* 1912. pp. 497, 556 (South Arabia).

Type: ♂, Khareba, South Arabia, 12.x. G. W. Bury leg. No. 404.

619. **Oreicola ferrea haringtoni** Hart. = *Oreicola ferrea haringtoni*.

Oreicola ferrea haringtoni Hartert, *Vög. pal. Fauna*, i. p. 711 (1910—"Mupin und andere Teile von Szetschwan bis Fokien und Südost-China, ausserdem Birmah und die Bergländer südlich des Brahmaputra.")

Type: ♂ ad., Lieng-kiang, near Foochow, China, 18.i.1887. No. 1,445.

620. **Pinarochroa sordida schoana** Neum. = *Pinarochroa sordida schoana*.

Pinarochroa sordida schoana Neumann, *Journ. f. Orn.* 1906. p. 290 ("Gebirge des eigentlichen Schoa zwischen dem Abai, oberen Blauen Nil, und dem Hauasch").

Type: ♂, Abuje, Schoa, 29.ix.1900. Oscar Neumann leg. No. 110.

621. **Pinarochroa sordida djamdjamensis** Neum. = *Pinarochroa sordida djamdjamensis*.

Pinarochroa sordida djamdjamensis Neumann, *Journ. f. Orn.* 1906. p. 291 (Abera, in Djamdjam).

Type: ♂, Abera, in Djamdjam, 19.xii.1900. Oscar Neumann leg. No. 443.

622. **Pratincola caprata albonotata** Stres. = *Saxicola caprata albonotata*.

Pratincola caprata albonotata Stresemann, *Nov. Zool.* xix. p. 321 (1912—Celebes, Buton, Saleyer).

Type: ♀, Indrulaman, S. Celebes, 3.x.1895. Alfred Everett leg.

623. **Pratincola caprata rossorum** Hart. = *Saxicola caprata rossorum*.

Pratincola caprata rossorum Hartert, *Journ. f. Orn.* 1910. p. 180 ("Transkaspien, Teile von Persien, Afghanistan, Peschawar, Kohat und Kaschmir, überwintert in den Ebenen des nordwestlichen Indiens").

Type: ♂, Merw, Transkaspien, 22.vii.1889, Russ. date (= 4.viii.1889). N. Zarudny leg. No. 338.

624. **Pratincola torquata hibernans** Hart. = *Saxicola torquata hibernans*.

Pratincola torquata hibernans Hartert, *Journ. f. Orn.* 1910. p. 173 (Great Britain and Ireland).

Type : ♂ ad., Tring, 14.xi.1898. Ernst Hartert leg.

† 625. **Pratincola emmae** Hartl. = *Saxicola torquata axillaris*.

Pratincola axillaris Shelley, *Proc. Zool. Soc. London*, 1884. p. 556.

Pratincola emmae Hartlaub, *Journ. f. Orn.* 1890. p. 152 (Ruganda).

Type : ♂ ad., Ruganda (Nkole), 15.vii.1889. Emin Pasha leg. No. 263.

† 626. **Pentholaea baucis** Hartl. = *Pentholaea clericalis*.

Pentholaea clericalis Hartlaub, *Orn. Centralbl.* 1882. p. 91.

Pentholaea baucis n. sp. ? Hartlaub, *Zool. Jahrb.* ii. p. 318 (1884—Babira, Rimo).

Type : “♂,” Babira, Upper White Nile, 16.xi.1882. Emin Pasha leg. No. 301. (Evidently a bird of the year.)

627. **Pentholaea albifrons pachyrhyncha** Neum. = *Pentholaea albifrons pachyrhyncha*.

Pentholaea albifrons pachyrhyncha Neumann, *Journ. f. Orn.* 1906. p. 289 (“Omo-Gebiet”).

Type : ♂ ad., “Uba, Westabhang,” Omo region, 27.i.1901. Oscar Neumann leg. No. 678.

Neumann also mentions a second specimen which was originally sexed “♂.” In his article, *l.c.*, he doubts this and says that he believes it to be a female. The dull remiges seem to me clearly to indicate that it is a bird of the year 1900, and on the forehead white feathers are clearly replacing the black ones. Therefore, the bird appears to be a male changing into the adult plumage. Females of the allied species and of *P. albifrons albifrons* have, as a rule, no white on the forehead.

628. **Erythropygia hartlaubi** Rchw. = *Erythropygia hartlaubi*.

Erythropygia hartlaubi Reichenow, *Journ. f. Orn.* 1891. p. 63 (“Mutjara”); Hartlaub, *Abh. naturw. Ver. Bremen*, xii. 1. p. 9. 1891 (Mutjora).

Type : ♂ ad., Mutjora, 13.vi.1889. Emin Pasha leg. No. 253.

629. **Erythropygia paena damarensis** Hart. = *Erythropygia paena damariensis*.

Erythropygia paena damarensis Hartert, *Bull. B.O. Club*, xix. p. 96 (1907—Damaraland).

Type : Omaruru, Damaraland, 4.xii.1879. A. W. Eriksson leg.

630. **Erythropygia paena benguellensis** Hart. = *Erythropygia paena benguellensis*.

Erythropygia paena benguellensis Hartert, *Bull. B.O. Club*, xix. p. 96 (1907—Benguella).

Type : ♂ ad., Huxe, Benguella, 21.vi.1904. W. J. Ansorge leg. No. 83.

631. **Erythropygia reichenowi** Hart. = *Erythropygia reichenowi*.

Erythropygia reichenowi Hartert, *Bull. B.O. Club*, xix. p. 95 (1907—Angola).

Type : ♂ ad., Canhoca, Angola, 27.xi.1903. W. J. Ansorge leg. No. 1,291.

This species is nearly allied to *E. quadrivirgata* (wrongly placed in *Cossypha* by Sharpe) from East Africa.

632. **Neocossyphus rufus gabunensis** Neum. = *Neocossyphus rufus gabunensis*.

Neocossyphus rufus gabunensis Neumann, *Bull. B.O. Club*, xxi. p. 77 (1908—"South Cameroon to the Ogowe River").

Type: ♂ ad., Ohumbe, Lake Onange, Ogové River, Gabun, 18.vii.1907. W. J. Ansorge leg. No. 528.

633. **Cossypha giffardi** Hart. = *Cossypha albicapilla giffardi*.

Cossypha giffardi Hartert, *Bull. B.O. Club*, x. p. 5 (1899—Gambaga).

Type: ♂ ad., Gambaga, 29.viii.1898. Capt. W. Giffard leg.

634. **Cossypha somereni** Hart. = *Cossypha polioptera somereni*.

Cossypha somereni Hartert, *Bull. B.O. Club*, xxxi. p. 3 (1912—Kyetume).

Type: Kyetume, near Kampala, Uganda, 14.xii.1911. Dr. V. G. L. van Someren leg. No. 11.

635. **Cossypha semirufa saturator** Neum. = *Cossypha semirufa saturator*.

Cossypha semirufa saturator Neumann, *Orn. Monatsber.* 1906. p. 7 ("Gebiet der südäthiopischen Seen und Omo-Gebiet").

Type: ♀ ad., Bola Goschana, in Doko, 12.ii.1901. Oscar Neumann leg. No. 786.

636. **Cossypha roberti rufescentior** Hart. = *Cossypha roberti rufescentior*.

Cossypha roberti rufescentior Hartert, *Bull. B.O. Club*, xxiii. p. 9 (1908—West of Lake Albert Edward).

Type: ♂ ad., Forest, 90 kilometres west of Lake Albert Edward, 1,600 m., 12.ii.1908. Rudolf Grauer leg. No. 2,019.

637a. **Kittacincla macrurus omissa** Hart. = *Kittacincla macrurus omissa*.

Kittacincla macrurus omissa Hartert, *Nov. Zool.* ix. p. 572 (1902—Java).

Type: ♂ ad., Lawang, East Java, 1.xi.1886. John Whitehead leg. No. 893.

(Of *Cittocincla nigrorum* Grant, a synonym of *C. superciliaris* (*Ibis*, 1896, p. 547), we have the "type of the female," but not that of the male.)

638. **Xenocopsychus ansorgei** Hart. = *Xenocopsychus ansorgei*.

Xenocopsychus ansorgei Hartert, *Bull. B.O. Club*, xix. p. 87 (Lobango, Mossamedes).

Type: ♂ ad., Lobango, Mossamedes, Angola, 18.ii.1906. Dr. W. J. Ansorge leg. No. 287.

639. **Tarsiger indica formosanus** Hart. = *Tarsiger indicus formosanus*.

Tarsiger indica formosanus Hartert, *Bull. B.O. Club*, xxv. p. 32 (1909—Formosa).

Type: ♂ ad., Mt. Arizan, Formosa, 4.xii.1906. Collected by Alan Owston's Japanese collectors.

640. **Larvivora ruficeps** Hart. = *Luscinia (Larvivora) ruficeps*.

Larvivora ruficeps Hartert, *Bull. B.O. Club*, xix. p. 50 (1907—Tsin-ling Mts.); *Ibis*, 1907. pl. xiii.

Type: ♂ ad., Ta-pai-shan, Tsin-ling Mts., 13.vii.1905. Collected by Alan Owston's Japanese collectors.

641. **Larvivora wickhami** Baker = *Luscinia (Larvivora) wickhami*.

Larvivora wickhami Baker, *Nov. Zool.* xxiii. p. 298 (1916—Chin Hills).

Type: Adult, Chin Hills, 5,000 feet, April 1916. P. Wickham leg.

642. **Luscinia pectoralis confusa** Hart. = *Luscinia (Calliope) pectoralis confusa*.

Luscinia pectoralis confusa Hartert, *Vög. pal. Fauna*, i. p. 740 (1910—"Im östlichen Himalaya").

Type: ♂ ad., Sikkim, i.1876. H. J. Elwes leg.

643. **Erithacus rubecula melophilus** Hart. = *Erithacus rubecula melophilus*.

Erithacus rubecula melophilus Hartert, *Nov. Zool.* 1901. p. 317 (*Aus den Wanderj. e. Naturf.* p. 98) ("Meines Wissens nur die britischen Inseln").

Type: Barnet, near London, 14.xii.1896. W. Burton leg.

644. **Erithacus rubecula witherbyi** Hart. = *Erithacus rubecula witherbyi*.

Erithacus rubecula witherbyi Hartert, *Vög. pal. Fauna*, i. p. 753 (1910—"Brut-und augenscheinlich Standvogel im nördlichen Atlas").

Type: ♂ ad., Hammam R'hira, Northern Algeria, 27.iv.1904. Harry F. Witherby leg. No. 100.

645. **Phoenicurus frontalis sinæ** Hart. = *Phoenicurus frontalis sinæ*.

Phoenicurus frontalis sinæ Hartert, *Bull. B.O. Club*, xxxviii. p. 78 (1918—"Mountains of China: Mupin and Setchuan to Kansu and Ala-schan mountains, and to the Tsinling range").

Type: ♂ ad., Kansu, March 1884, Przewalski leg.

646. **Microcichla scouleri fortis** Hart. = *Microcichla scouleri fortis*.

Microcichla scouleri fortis Hartert, *Vög. pal. Fauna*, i. p. 761 (1910—Formosa).

Type: ♂ ad., Tapposha, Formosa, 19.i.1907. Collected by Alan Owston's Japanese collectors.

647. **Henicurus borneensis** Sharpe = *Enicurus leschenaulti borneensis*.

Henicurus borneensis Sharpe, *Ibis*, 1889. p. 277 (Kina Balu, Northern Borneo).

Types (marked as such by the author): ♂♀ ad., Kina Balu, 3,000 feet, 29.iii. and 13.iv.1888. John Whitehead leg. Nos. 2,338 and 2,433.

648. **Enicurus leschenaulti indicus** Hart. = *Enicurus leschenaulti indicus*.

Enicurus leschenaulti indicus Hartert, *Vög. pal. Fauna*, i. p. 760 (1910—"Sikkim, Bhutan, Bergländer südlich des Brahmaputra bis zum mittleren Tenasserim").

Type: ♂ ad., Margherita, Upper Assam, 19.i.1902. H. N. Coltart leg.

649. **Monticola rufocinerea sclateri** Hart. = *Monticola rufocinerea sclateri*.

Monticola rufocinerea sclateri Hartert, *Nov. Zool.* 1917. p. 459 (Yemen and South Arabia).

Type : ♂ ad., Wasil, Yemen, 4,000 feet, 4.iii.1913. G. W. Bury leg.

650. **Monticola cyanus transcaspicus** Hart. = *Monticola solitarius transcaspicus*.

Monticola cyanus transcaspicus Hartert, *Bull. B.O. Club*, xxiii. p. 43 (1909—Tedjen, Sirax, Ashabad in Transcaspia).

Type : ♂ ad., Sirax, 120 versts south of Tedjen, Transcaspia, 21.iii.1905 (probably Russian date). Bought from Schlüter.

Distribution and characters require further study. The genus *Monticola* (whether the Rock-Thrush and the Blue Rock-Thrush are united or separated generically) stands distinctly between the Chats (*Oenanthe*) and Thrushes (*Turdus*), but nearer the former.

651. **Turdus colombianus** Hart. & Hellm. = *Turdus (obsoletus?) colombianus*.

Turdus colombianus Hartert & Hellmayr, *Nov. Zool.* viii. p. 492 (1901—Cali, Western Colombia).

Type : ♂, Cali, 18.ix.1894. W. H. F. Rosenberg leg. No. 1.

I am by no means sure that this is a subspecies of *obsoletus*, though Chapman (*Distr. Bird-life, Colombia*, p. 536) says it must be.

652. **Turdus obsoletus parambanus** subsp. nov.

Type : ♀ ad., Paramba, N.W. Ecuador, 3,500 feet, 23.vii.1899. R. Miketta leg. No. 477.

We have one male and two females from Paramba, collected in January, July, and August ; also a male form from near Jimenez, W. Colombia, 2,900 feet, collected by Merwyn G. Palmer, seems to belong to this form, and not to *colombianus* !

These birds are closely allied to *T. o. obsoletus* from Costa Rica and Panama, but the upperside is of a still deeper brown, the outer edges of the primaries are darker, and the undersurface darker brown. Wings : ♂, 120, 122 ; ♀ (worn), about 118 mm.

I am inclined to think that *obsoletus*, *parambanus*, perhaps also *colombianus*, *nigrirostris*, and *hauxwelli* are subspecies of *fumigatus*.

653. **Turdus fumigatus caparo** subsp. nov.

Type : ♂, Caparo, Trinidad, 12.iv.1902. E. André leg.

As already noticed by Hellmayr, *NOVITATES ZOOLOGICAE*, 1906, p. 4, Trinidad specimens (one dozen compared with an equal number of Amazonian examples) are much lighter and paler above and below than Brazilian ones, and there is therefore no reason not to separate them ; many less recognizable subspecies have been named recently from South America. Especially noticeable is the paler, less rufescent upperside, and the lighter breast and sides. The skin from Duaca mentioned by Hellmayr and two from the Orinoco are much nearer to *caparo*, but seem to me to be intermediate.

654. ***Turdus ignobilis goodfellowi*** Hart. & Hellm. = *Turdus ignobilis goodfellowii*.

Turdus ignobilis goodfellowi Hartert & Hellmayr, *Nov. Zool.* viii. p. 492 (1901—"Cauca Valley, Colombia").

Type: ♂ ad., Castilla, Cauca Valley, Colombia, vi. 1898. J. H. Batty leg.

655. ***Turdus crotopezus contemptus*** Hellm. = *Turdus crotopezus contemptus*.

Turdus crotopezus contemptus Hellmayr, *Journ. f. Orn.* 1902. p. 61 (Bolivia, Peru).

Cotype: ♀ ad., Bueyes (St. Cruz), Bolivia, 21.iv.1890. Garlepp leg. Ex Coll. Nehrkorn.

656. ***Turdus graueri*** Neum. = *Turdus graueri*.

Turdus graueri Neumann, *Bull. B.O. Club*, xxi. p. 56 (1908—"Countries between the Kagera River and Lake Kivu").

Type: "♀" ad., Nsasa, 11.vii.1907. Rud. Grauer leg. No. 732.

This bird is certainly not *T. bocagei*, which I consider a subspecies of *pelios*.

657. ***Turdus olivaceus bambusicola*** Neum. = *Turdus olivaceus bambusicola*.

Turdus olivaceus bambusicola Neumann, *Bull. B.O. Club*, xxi. p. 56 (February 1908—"Western Kivu Volcanoes").

Type: ♀ ad., Bamboo Forest, Western Kivu Volcanoes, 2,300 m., 23.viii.1907. Rud. Grauer leg. No. 1,076.

658. ***Turdus citrinus aurimacula*** Hart. = *Turdus citrinus aurimacula*.

Turdus citrinus aurimacula Hartert, *Nov. Zool.* xvii. p. 236 (1910—Hainan).

Type: ♂ ad., Hoihow, Hainan, 13.iii.1902. Katsumata leg.

659. ***Geocichla audacis*** Hart. = *Turdus peronii audacis*.

Geocichla audacis Hartert, *Bull. B.O. Club*, viii. p. xliii. (1899—Dammar or Dammer Island).

Type: ♂ ad., Wulur, Dammer, 4.xi.1898. Heinrich Kühn leg. No. 983.

660. ***Geocichla dohertyi*** Hart. = *Turdus dohertyi*.

Geocichla dohertyi Hartert, *Nov. Zool.* iii. p. 555. pl. xi. fig. 3 ("In insulis Lombok—typus—et Sambawa dictis").

Type: ♂ ad., Lombok, 5,000 feet, vi. 1896. William Doherty leg.

661. ***Geocichla dumasi*** Rothschild. = *Turdus dumasi*.

Geocichla dumasi Rothschild, *Bull. B.O. Club*, viii. p. 30 (1899—Buru).

Type: ♂ ad., Mt. Mada (Kapala Madang), Buru, viii. 1898. J. Dumas leg.

662. ***Merula celanops yakushimensis*** Ogawa = *Turdus celanops yakushimensis*.

Merula celanops yakushimensis Ogawa, *Annot. Zool. Japon.* v. p. 180 (1905—Yakushima, south of Kiushiu).

Type: ♂ ad., Yakushima, 21.x.1904. Collected by Owston's Japanese collectors.

663. **Turdus deningeri** Stres. = *Turdus deningeri*.

Turdus deningeri Stresemann, *Bull. B.O. Club*, xxxi. p. 4 (1912—Ceram); *Nov. Zool.* xxi. 1914. p. 133.

Type: ♂ ad., Gunong Pinaia, Ceram, 7,500 feet, 16.viii.1911. Erwin Stresemann leg. No. 903.

L.c. the author has discussed the affinities of this interesting Thrush, which may one day be regarded as a subspecies of *J. fuliginosus* (*poliocephalus* auct.) and *pritzbueri*, though both differ considerably. *T. canescens*, supposed to have come from Goodenough Island, we have never received; possibly the locality is incorrectly stated, as we have had two good collections from Goodenough Island.

664. **Turdus fuscater ockendeni** Hellm. = *Turdus fuscater ockendeni*.

Turdus fuscater ockendeni Hellmayr, *Bull. B.O. Club*, xvi. p. 91 (1906—"S.E. Peru").

Type: ♂ ad., Limbani, Carabaya, Peru, 9,500 feet, 21.iii.1904. G. O. Ockenden leg. No. 675 a.

665. **Turdus merula cabreræ** Hart. = *Turdus merula cabreræ* Hart.

Turdus merula cabreræ Hartert, *Nov. Zool.* viii. p. 313 (1901—Canary Islands).

Type: ♂ ad., Mercedes, Tenerife, 21.ii.1901. Curt Floericke leg. No. 1,250.

666. **Turdus merula mauritanicus** Hart. = *Turdus merula mauritanicus*.

Turdus merula mauritanicus Hartert, *Nov. Zool.* ix. p. 323 (Marocco).

Type: ♂ ad., Mehuila ("Mhoiwa"), Marocco, 3.ii.1902. F. W. Riegenbach leg.

667. **Turdus philomelos clarkei** Hart. = *Turdus philomelos clarkei*.

Turdus philomelos clarkei Hartert, *Vög. pal. Fauna*, i. p. 651 (1910—British Isles).

Type: ♂ ad., Tring, 16.v.1902. Ernst Hartert leg.

668. **Phaeornis palmeri** Rothsch. = *Phaeornis palmeri*.

Phaeornis palmeri Rothschild, *Avifauna of Laysan*, I. part ii. p. 67 (1893—Kauai).

Type: ♀, Kauai, Sandwich Islands, 24.iii.1891. H. C. Palmer leg. No. 926.

669. **Mimus gilvus tobagensis** Dalmas = *Mimus gilvus tobagensis*.

Mimus gilvus tobagensis Dalmas, *Mém. Soc. Zool. France*, xiii. p. 134 (1900—Tobago).

Type: Tobago, 25.xi.1898. Count Dalmas leg. No. 45.

670. **Mimus gilvus antillarum** Hellm. & Seil. = *Mimus gilvus antillarum*.

Mimus gilvus antillarum Hellmayr & Seilern, *Verh. Orn. Ges. Bayern*, XII. part iii. p. 201 (1915—"Kleine Antillen").

Type: ♂ ad., Grenada, November 1897. P. Gellinau leg. Ex Coll. Dalmas.

671. *Nesomimus bindloei* Ridgw. = *Mimus melanotis bindloei*.

Nesomimus bindloei Ridgway, *Proc. U.S. Nat. Mus.* xvii. p. 358 (1894—Bindloe Island, Galápagos Is.).

Type: ♂ ad., Bindloe Island, 5.ix.1891. G. A. Baur leg. No. 690.

672. *Nesomimus bauri* Ridgw. = *Mimus melanotis bauri*.

Nesomimus bauri Ridgway, *Proc. U.S. Nat. Mus.* xvii. p. 357 (1894—Tower Island, Galápagos).

Type: Ad., Tower Island, 2.ix.1891. G. A. Baur leg. No. 695. (From spirits!)

673. *Nesomimus carringtoni* Rothsch. = *Mimus melanotis carringtoni*.

Nesomimus carringtoni Rothschild, *Bull. B.O. Club*, viii. p. vii. (1898—Barrington Island).

Type: ♂ ad., Barrington Island, 7.x.1897. R. H. Beck leg. Webster-Harris Expedition. No. 1,540.

(The name "*carringtoni*" was a misprint for *barringtoni*, but to avoid confusion was never altered.)

674. *Nesomimus hulli* Rothsch. = *Mimus melanotis hulli*.

Nesomimus hulli Rothschild, *Bull. B.O. Club*, vii. p. liii. (1898—Culpepper Island, Galápagos).

Type: ♂ ad., Culpepper Island, 27.vii.1897. R. H. Beck leg. Webster-Harris Expedition. No. 166.

675. *Nesomimus affinis* Rothsch. = *Mimus parvulus affinis*.

Nesomimus affinis Rothschild, *Bull. B.O. Club*, vii. p. liii. (1898—Narborough Island).

Type: ♂ ad., Narborough Island, 6.xii.1897. R. H. Beck leg. Webster-Harris Expedition. No. 2,852.

676. *Nesomimus adamsi* Ridgw. = *Mimus adamsi*.

Nesomimus adamsi Ridgway, *Proc. U.S. Nat. Mus.* xvii. p. 358 (1894—Chatham Island).

Type: ♂ ad., Chatham Island, 13.vi.1891. G. A. Baur leg. No. 694.

677. *Pteruthius tahanensis* Hart. = *Pteruthius melanotis tahanensis*.*

Pteruthius tahanensis Hartert, *Nov. Zool.* ix. p. 576 (1902—Gunong Tahan, Eastern Malay Peninsula, Pahang).

Type: ♂ ad., Gunong Tahan, x.1901. J. Waterstradt leg.

678. *Herpornis xantholeuca interposita* Hart. = *Herpornis xantholeuca interposita*.

Herpornis xantholeuca interposita Hartert, *Bull. B.O. Club*, xxxviii. p. 20 (1917—Malay Peninsula).

Type: Temangoh, Upper Perak, 24.vii.1909. C. Boden Kloss leg.

679. *Ixulus flavicollis harterti* Har. = *Ixulus flavicollis harterti*? †

Ixulus flavicollis harterti Harington, *Bull. B.O. Club*, xxxiii. p. 62 (1913—"The Bhamo Hills and Trans-Salween Shan States, Burma").

Type: ♀ ad., Sinlum, near Bhamo, 25.iv.1908. H. H. Harington leg. No. 232.

* The systematic position of *Pteruthius* is not clear. Probably it is here quite out of place.

† Perhaps the same as *I. flavicollis rouxi* (*I. rouxi*) Oustalet, *Bull. Mus. Paris*, 1896, p. 186, from Yunnan, with which Harington did not compare it.

680. **Siva strigula malayana** Hart. = *Siva strigula malayana*.

Siva strigula malayana Hartert, *Nov. Zool.* ix. p. 567 (1902—Mts. of Malay Peninsula).

Type : ♂ ad., Gunong Tahan, x.1901. J. Waterstradt leg.

681. **Staphidia everetti** Sharpe = *Staphidia everetti*.

Staphidia everetti Sharpe, *Ibis*, 1887. p. 447 (Kina Balu, Borneo).

Type : ♀ ad., Kina Balu, 3,000 feet, 1.iii.1887. John Whitehead leg. No. 1,044.

682. **Brachypteryx poliogyna mindorensis** Hart. = *Brachypteryx poliogyna mindorensis*.

Brachypteryx poliogyna mindorensis Hartert, *Bull. B.O. Club*, xxxvi. p. 87 (1916—Mindoro, Philippine Is.).

Type : ♀ ad., Mt. Dulungan, Mindoro, 4,500 feet, 25.i.1896. John Whitehead leg. No. B 93.

683. **Brachypteryx brunneiceps** Grant = *Brachypteryx poliogyna brunneiceps*.

Brachypteryx brunneiceps Grant, *Ibis*, 1896. p. 547 (Negros).

Type of ♂, Canloon Volcano, Negros, 27.iv.1896. John Whitehead leg. No. B 471. (Marked by the author "Type of ♂.")

684. **Brachypteryx erythropyga** Sharpe = *Brachypteryx erythropyga*.

Brachypteryx erythropyga Sharpe, *Ibis*, 1888. p. 389 (Kina Balu).

Type : ♂ ad., Kina Balu, N.E. Borneo, 8,000 feet, 27.ii.1888. John Whitehead leg. No. 2,084.

685. **Brachypteryx floris** Hart. = *Brachypteryx floris*.

Brachypteryx floris Hartert, *Nov. Zool.* iv. p. 170 (1897—Flores).

Types : ♂ ♀, ad., Flores, about 3,500 feet, October and November 1896. Alfred Everett leg.

686. **Myiophoneus borneensis** Slat. = *Myiophoneus borneensis*.

Myiophoneus borneensis Slater, *Ibis*, 1885. p. 124 (described from one juvenile specimen from the Bungal Hills, Borneo).

Type : Juv., Bungal Hills, near Sarawak, Borneo. Harvey leg. (Ex Coll. H. H. Slater.)

687. **Macronus kettlewelli** Guill. = *Macronus kettlewelli*.

Macronus kettlewelli Guillemard, *Proc. Zool. Soc. London*, 1885. p. 262. pl. xviii. fig. 2 (Sulu Islands, south of Philippine Islands).

Type : ♂, Lukatlapas, Sulu Island, 18.v.1883. H. Guillemard leg.

688. **Macronus ptilosus reclusus** Hart. = *Macronus ptilosus reclusus*.
Macronus ptilosus reclusus Hartert, *Bull. B.O. Club*, xxxvi. p. 36 (1915—Borneo).
 Type : ♂ ad., Kina Balu, Borneo, 1,000 feet, 17.i.1888. John Whitehead leg. No. 1,881.

689. **Mixornis cagayanensis** Guill. = *Mixornis montana cagayanensis*.
Mixornis cagayanensis Guillemard, *Proc. Zool. Soc. London*, 1885. p. 419 (Cagayan, Sulu Islands).
 Type : ♂, Cagayan Sulu, 1.iv.1883. H. Guillemard leg.

690. **Mixornis montana** Sharpe = *Mixornis montana montana*.
Mixornis montana Sharpe, *Ibis*, 1887. p. 448 (Kina Balu).
 Type : Ad., Kina Balu. John Whitehead leg. No. 1,347.

691. **Mixornis prillwitzii** Hart. = *Mixornis prillwitzii* (or *M. gularis prillwitzii*).
Mixornis prillwitzii Hartert, *Bull. B.O. Club*, xii. p. 32 (1901—Kangean Island, N.E. of Java).
 Type : ♂ ad., Kangean, September 1901. Ernst Prillwitz leg. No. 163.

692. **Mixornis everetti** Hart. = *Mixornis everetti*.
Mixornis everetti Hartert, *Nov. Zool.* i. p. 472 (1894—Bunguran, Natuna Island); fig. *Nov. Zool.* ix.
 Type : ♂ ad., Bunguran, 14.x.1893. Alfred Everett leg.

693. **Cyanoderma melanothorax baliensis** Hart. = *Cyanoderma melanothorax baliensis*.
Cyanoderma melanothorax baliensis Hartert, *Bull. B.O. Club*, xxxvi. p. 2 (1915—Bali).
 Type : ♂ ad., Bali, low country, March 1896. William Doherty leg.

694. **Stachyridopsis ruficeps goodsoni** Rothsch. = *Stachyridopsis ruficeps goodsoni*.
Stachyridopsis ruficeps goodsoni Rothschild, *Bull. B.O. Club*, xiv. p. 8 (October 1903—Hainan).
 Type : ♂ ad., Mt. Wuchi, Hainan, 24.iii.1903. Katsumata leg.

695. **Stachyridopsis rufifrons ambigua** Har. = *Stachyridopsis rufifrons ambigua*.
Stachyridopsis rufifrons ambigua Harington, *Journ. Bombay Nat. Hist. Soc.* xxiii. p. 631 (1915—Assam, Naga Hills, Manipur, probably to Butan Duars and Sikkim).
 Type : ♂ ad., Gunjong, North Cachar Hills, 26.xii.1895. E. C. Stuart Baker leg.

696. **Stachyris leucotis goodsoni** Hart. = *Stachyris leucotis goodsoni*.
Stachyris leucotis goodsoni Hartert, *Bull. B.O. Club*, xxxvi. p. 7 (1915—Borneo).
 Type : Ad., Gunong Mulu, Sarawak, iii.1898. John Waterstradt leg.

697. **Stachyris guttata swinhoei** Rothsch. = *Stachyris guttata swinhoei*.
Stachyris guttata swinhoei Rothschild, *Bull. B.O. Club*, xiv. p. 8 (October 1903—"Mt. Wuchi, Hainan").
 Type : ♂ ad., Mt. Wuchi, Hainan, 28.iii.1903. Katsumata leg.

698. *Stachyris nigriceps coltarti* Har. = *Stachyris nigriceps coltarti*.

Stachyris nigriceps coltarti Harington, *Bull. B.O. Club*, xxxiii. p. 61 (November 1913—"Dibrugarh in Assam; Naga and Chin Hills, and the Bhamo Hills").

Type: ♀ ad., Margherita, Upper Assam, 4.xii.1901. H. N. Coltart leg.

699. *Stachyris natunensis* Hart. = *Stachyris nigriceps natunensis*.

Stachyris natunensis Hartert, *Nov. Zool.* i. p. 470 (1894—Natuna Islands, Bunguran).

Type: ♂ ad., Bunguran, 5.x.1893. Alfred Everett leg.

This form is very near *S. n. davisoni*, but differs by the less rufescent, somewhat more olivaceous upperside.

700. *Stachyris borneensis* Sharpe = *Stachyris nigriceps borneensis*.

Stachyris borneensis Sharpe, *Ibis*, 1887. p. 449 (Mt. Kina Balu, Borneo).

Type: ♂ ad., Kina Balu, 25.iii.1887. John Whitehead leg.

701. *Proparus brunnea argutus* Hart. = *Proparus brunneus argutus*.

Proparus brunnea argutus Hartert, *Nov. Zool.* xvii. p. 231 (1910—Hainan).

Type: ♂ ad., Mt. Wuchi, Hainan, 25.iii.1903. Katsumata leg.

702. *Alcippe collaris* Walden = *Proparus rufogularis*.

Alcippe collaris Walden, *Ann. & Mag. Nat. Hist.* xiv. 1874. p. 156 (1874—One single ♂, Sadya, Assam. Day leg.).

Type: ♂ ad., Sadya, Upper Assam, 12.i.1874. Day leg. (Bought with the Elwes Collection.)

703. *Proparus nipalensis rufescentior* Hart. = *Proparus nipalensis rufescentior*.

Proparus nipalensis rufescentior Hartert, *Nov. Zool.* xvii. p. 231 (1910—Hainan).

Type: ♂ ad., Mt. Wuchi, Hainan, 28.iii.1903. Katsumata leg.

704. *Alcippe haringtoniae* Hart. = *Proparus poecephalus haringtoniae*.

Alcippe haringtoniae Hartert, *Bull. B.O. Club*, xxv. p. 10 (October 1909—Bhamo, Upper Burma).

Type: ♂ ad., Bhamo, 29.iii.1909. Colonel H. H. Harington leg.

705. *Corythocichla crassa* Sharpe = *Turdinulus crassus*.

Corythocichla crassa Sharpe, *Ibis*, 1889. p. 391 (Kina Balu).

Type: ♀ ad., Kina Balu, N. Borneo, 8,000 feet, 15.ii.1888. John Whitehead leg.

This is a typical *Turdinulus*.

† 706. *Turdinulus humei* Hartert = *Turdinulus epilepidotus granti*.

Turdinulus granti Richmond, *Proc. U.S. Nat. Mus.* xxii. p. 320 (1900—Lower Siam).

Turdinulus humei Hartert, *Nov. Zool.* ix. p. 564 (1902—Gunong Tahan, Eastern Malay Peninsula).

Type: ♂ ad., Gunong Tahan, 1,500 feet, September 1901. John Waterstradt leg.

707. **Turdinulus exsul** Sharpe = *Turdinulus epilepidotus exsul*.*Turdinulus exsul* Sharpe, *Ibis*, 1888. p. 479 (Kina Balu).

Type: ♂ ad., Kina Balu, North Borneo, 4,000 feet, May 10th, 1888. John Whitehead leg.

708. **Turdinulus roberti hainanus** Hart. = *Turdinulus roberti hainanus*.*Turdinulus roberti hainanus* Hartert, *Nov. Zool.* xvii. p. 230 (1910—Hainan).

Type: ♂ ad., Mt. Wuchi, Hainan, 25.iv.1903. Katsumata leg.

(?) † 709. **Crateroscelis rufobrunnea** R. & H. = *Crateroscelis murina* ?*Crateroscelis rufobrunnea* Rothschild & Hartert, *Bull. B.O. Club*, xi. p. 25 (1900—"Mt. Maori, a little west of Humboldt Bay, in Dutch New Guinea").

Type: Juv., Mt. Maori, west of Humboldt Bay, January 1899. J. Dumas leg.

This is apparently the young of *Crateroscelis murina*, but our juveniles from Southern Papua are not quite so dark, and the determination of subspecies of this species is still in doubt.710. **Crateroscelis pectoralis** Rothschild & Hart. = *Crateroscelis pectoralis*.*Crateroscelis pectoralis* Rothschild & Hartert, *Bull. B.O. Club*, xi. p. 25 (1900—Owen Stanley Range, Mt. Cameron, etc.) (figured in *Nov. Zool.* 1901).

Type: ♂ ad., Mt. Cameron, Owen Stanley Range, S.E. New Guinea, 21.viii.1896. A. G. Anthony leg.

711. **Ptilopyga mindanensis** Blas. = *Ptilocichla mindanensis*.*Ptilopyga mindanensis* Blasius, *Braunschweigische Anzeigen*, No. 94, April 15, 1889, *Journ. f. Orn.* 1890. p. 146 (Mindanao); *Ptilocichla* (?) *Mindanensis* nov. spec. Steere, *List B. Mamm. Exped. Philippines*, p. 18 (1889).

Type: ♂ ad., Davao, Mindanao, 9.viii.1889. Dr. C. Platen leg. (Exchanged from the late Mr. Nehr Korn.)

712. **Malacopteryx cinereum bungurense** Hart. = *Setaria cinerea bungurenensis*.*Malacopteryx cinereum bungurense* Hartert, *Nov. Zool.* i. p. 470 (1894—Bunguran Island, Natuna group).

Type: ♂ ad., Bunguran Island, 13.x.1893. Alfred Everett leg.

[*Setaria kalulongae* (Sharpe): "Cotype" and topotype, Mount Kalulong, Borneo, February. Charles Hose leg. Marked "cotype" by the author—we now call it paratype.]713. **Erythrocichla bicolor whiteheadi** Hart. = *Erythrocichla bicolor whiteheadi*.*Erythrocichla bicolor whiteheadi* Hartert, *Bull. B.O. Club*, xxxvi. p. 36 (December 1915—North Borneo).

Type: ♂ ad., Benkoker, North Borneo, 11.x.1885. John Whitehead leg.

† 714. *Ifrita coronata* Rothsch. = *Ifrita kowaldi*.

Todopsis kowaldi De Vis, Report on B. from Brit. New Guinea, p. 3 (1889—Mts. Brit. New Guinea).

Ifrita coronata Rothschild, Bull. B.O. Club, vii. p. liv. (1898—"Low country east of Port Moresby"?)

Probably wrong, inhabits only fairly high elevations in the mountains!) Figured: Nov. Zool. 1899. pl. iii. fig. 1.

Type: "Low country east of Port Moresby"—*errore*! Must be Owen Stanley Mts. Bought, apparently collected by some prospector or native.

Professor Oscar Neumann called my attention to the fact that *Todopsis kowaldi* is an earlier name for *Ifrita coronata*. There is no doubt about it, but it is inconceivable why, and a bad misjudgment to even compare *Ifrita* with the genus *Todopsis*! It makes study very difficult and causes loss of time and errors if birds are described in entirely wrong genera.

715. *Bathmocercus vulpinus* Rehw. = *Bathmocercus rufus vulpinus* ♂.

Bathmocercus vulpinus Reichenow, Nov. Zool. ii. p. 160 (1895—Aruwimi River).

Type: ♂ ad., Aruwimi River, Eastern Congo basin. W. Bonny leg., member of Stanley's Emin Pasha Relief Expedition (Rear Column).

† 716. *Bathmocercus murinus* Rehw. = *Bathmocercus rufus vulpinus* ♀.

Bathmocercus murinus Reichenow, Nov. Zool. ii. p. 160 (1895—Aruwimi River).

Type: ♀ ad., Aruwimi River. W. Bonny leg.

It is now well known that the greyish specimens are the females, the rufous ones the males. Reichenow was in error when (*Vög. Afr.* iii. p. 742) he placed *B. jacksoni* as a synonym of *B. rufus rufus*. *B. jacksoni* is, however, probably a synonym of *B. rufus vulpinus*, but more Aruwimi specimens are desirable for comparison. Specimens from west of Lakes Albert Edward and Tanganyika, Toro, and North Kavirondo (Grauer, van Someren, and Meinertzhagen coll.) agree *inter se*, and, I think, with the Aruwimi specimens, which, however, are bad skins.

717. *Ptyrticus turdinus* Hartl. = *Ptyrticus turdinus*.

Ptyrticus turdinus Hartlaub, Zoolog. Jahrb. ii. p. 315 (1887—Tomajá, Mombuttu).

Type: ♀ ad., Tomajá. Emin Pasha leg.

This very interesting bird remained unique, until it was rediscovered by the late Boyd Alexander.

718. *Lioptilus rufocinctus* Rothsch. = *Lioptilus rufocinctus*.

Lioptilus rufocinctus Rothschild, Bull. B.O. Club, xxiii. p. 6 (October 1908—Rugege forest, S.E. of Lake Kivu).

Type: "♀" ad., Rugege forest, S.E. of Lake Kivu, 16.xii.1907. Rudolf Grauer leg.

† 719. *Turdinus pyrrhopterus kivuensis* Neum. = *Malacocincla pyrrhoptera*.

Turdinus pyrrhopterus kivuensis Neumann, Bull. B.O. Club, xxi. p. 55 (1908—Kivu Volcanoes).

Type: "♀" ad., Mt. Sabjingo, Kivu Volcanoes, 2,700 m., 30.viii.1907. Rudolf Grauer leg. No. 1,128.

It is quite clear that Neumann, when describing his *kivuensis*, compared it with immature specimens, which have the head less grey, more or less brown. This is clearly shown by Dr. van Someren's splendid series.

720. ***Turdinus moloneyanus iboensis* Hart. = *Turdinus moloneyanus iboensis*.**

Turdinus moloneyanus iboensis Hartert, *Bull. B.O. Club*, xix. p. 84 (May 1907—Oguta, in the Ibo country, Southern Nigeria).

Type: ♂ ad., Oguta, 19.xi.1901. W. J. Ansorge leg. No. 400.

Turdinus phoebei Kemp, *Bull. B.O. Club*, xxi. p. 111 (June 1908), from the same country, is a synonym of *iboensis*!

721. ***Turdinus ugandae* van Someren = *Turdinus fulvescens ugandae*.**

Turdinus ugandae van Someren, *Bull. B.O. Club*, xxxv. p. 125 (1915—"Uganda forests").

Type: ♂ ad., Sezibwa River, Chagwe province, Uganda, 16.xi.1914. Dr. V. G. L. van Someren leg. No. 169.

(We have probably an undescribed form, another subspecies of *fulvescens*, a female from Canhoca, Angola, but it would perhaps be rash to describe it without further material.)

722. ***Turdinus canicapillus* Sharpe = *Malacocincla pyrrhogenys canicapilla*.**

Turdinus canicapillus Sharpe, *Ibis*, 1887. p. 450 (Kina Balu, Borneo).

Type: ♂ ad., Kina Balu, 3,000 feet, 25.iii.1887. John Whitehead leg. No. 1,354.

723. ***Malacocincla sepiaria tardinata* Hart. = *Malacocincla sepiaria tardinata*.**

Malacocincla sepiaria tardinata Hartert, *Bull. B.O. Club*, xxxvi. p. 35 (1915—"Eastern Malay Peninsula").

Type: ♂ ad., Gunong Tahan, Eastern Malay Peninsula, 1,000 feet, November 1901. John Waterstradt leg.

724. ***Graueria vittata* Hart. = *Graueria vittata*.**

Graueria vittata Hartert, *Bull. B.O. Club*, xxiii. p. 8 (1908—"High forest west of Lake Albert Edward and Rugege Forest, S.E. of Lake Kivu").

Type: ♂, primeval forest, 90 kilometres west of Lake Albert Edward, 1,600 m., 8.ii.1908. Rudolf Grauer leg. No. 1,987.

725. ***Macrosphenus flavicans ugandae* van Someren = *Macrosphenus flavicans ugandae*.**

Macrosphenus flavicans ugandae van Someren, *Bull. B.O. Club*, xxxv. p. 126 (1915—"Uganda forests").

Type: ♂ ad., Mabira Forest, 14.i.1914. V. G. L. van Someren leg.

726. ***Pseudotharrhaleus caudatus* Grant = *Pseudotharrhaleus caudatus*.**

Pseudotharrhaleus caudatus Grant, *Bull. B.O. Club*, iv. p. xl. (1895—North Luzon).

Type: ♀ ad., Mt. Data, North Luzon, 7,500 feet, 25.i.1895. John Whitehead leg. No. A 48. (Specimen marked "Type of ♀.—J. W.")

727. *Pseudotharrhaleus unicolor* Hart. = *Pseudotharrhaleus unicolor*.

Pseudotharrhaleus unicolor Hartert, *Bull. B.O. Club*, xiv. p. 74 (April 1904—Mt. Apo, Mindanao).

Type: ♀, Mt. Apo, 3,000 feet, November 1908. John Waterstradt leg. No. 114.

(Mearns, *Proc. Biol. Soc. Washington*, xviii. p. 2, 1905, and *Proc. U.S. Nat. Mus.* xxxvi. p. 441, 1909—has described two other *Pseudotharrhaleus* from Mindanao. Future research must show if this is correct. I am now convinced that my *unicolor* might perhaps be a young bird, though fully grown. The wing-measure is not 92.5, which was a typographical error for 62.5, and I now measure it 63 mm. We know so far nothing of the changes of plumage in these rare birds, but if my *unicolor* is in its juvenile garb, then Mearns's *griseipectus* may be expected to be the adult of it, and thus a synonym. Cf. *Ibis*, 1906, p. 479. Possibly *Ps. malindangensis* Mearns is its northern representative on the island. The greater size is not worth much as a distinguishing character. I measure the wing of the male of *P. caudatus* as 65, that of the female as 63 mm., showing that the sexes differ slightly in size.)

728. *Androphilus accentor* Sharpe = *Androphilus accentor*.

Androphilus accentor Sharpe, *Ibis*, 1888. p. 390 (Kina Balu, N. Borneo).

Type: ♂ ad., Kina Balu, 8,000 feet, 3.ii.1888. John Whitehead leg. No. 1,939.

† 729. *Androphilus everetti* Hart. = *Androphilus castaneus castaneus*.

Androphilus everetti Hartert, *Nov. Zool.* iii. p. 69 (1896—Indrulaman, Bonthain Peak, S. Celebes).

[*Turdinus castaneus* Büttikofer, *Notes Leyden Mus.* xv. 1893. p. 261 (N. Celebes).]

Type: ♀ ad., Indrulaman, October 1895. Alfred Everett leg.

730. *Androphilus disturbans* Hart. = *Androphilus castaneus disturbans*.

Androphilus disturbans Hartert, *Nov. Zool.* vii. p. 238 (1900—Mt. Mada, Buru).

Type: ♂ juv., Mt. Madang, 3,000 feet, September 1898. J. Dumas leg.

The young bird was not fit to show the real affinities, but Stresemann obtained an adult female from Mt. Fogha, 4,500 feet high, on Buru, which proves to my mind that *disturbans* is a subspecies of *A. castaneus*.

731. *Androphilus disturbans musculus* Stres. = *Androphilus castaneus musculus*.

Androphilus disturbans musculus Stresemann, *Nov. Zool.* xxi. p. 136 (1914—Middle and West Ceram).

Type: ♀ ad., Goonoong Pinaia, Middle Ceram, 7,500 feet, 18.viii.1911. Erwin Stresemann leg. No. 875.

732. *Androphilus viridis* Rothsch. & Hart. = *Androphilus viridis*.

Androphilus viridis Rothschild & Hartert, *Bull. B.O. Club*, xxix. p. 33 (1911—Mt. Goliath).

Type: ♂ ad., Mt. Goliath, eastern part of Snow Mountains Range in Central Dutch New Guinea, 9.ii.1911. A. S. Meek leg. No. 5,346.

So far only this one specimen of this striking species is known.

(?) 733. *Argya sharpii* Ogilvie-Grant & Reid = *Crateropus rubiginosus sharpii* ?.

Argya sharpii Ogilvie-Grant & Reid, *Ibis*, 1901. p. 662 (Shebelli).

Type : ♂ ad., Shebelli, 27.viii.1894. Dr. A. Donaldson Smith leg. No. 201.

Though much larger, this specimen agrees in other ways perfectly with *Crateropus (Argya) rubiginosus rubiginosus*, and it was rash to describe it as "new species" from this one specimen. Without further material it cannot be ascertained whether this is a distinct subspecies or an exceptionally large specimen.

734. *Crateropus caudatus altirostris* Hart. = *Crateropus (Argya) altirostris*.

Crateropus caudatus altirostris Hartert, "Vög. pal. Fauna, p. 623 (1909—"An der Nordspitze des Persischen Golfs, an der Mündung des vereinigten Euphrat und Tigris").

Type : Fao, 1893. W. D. Cumming leg.

Though very much like *C. (Argya) caudatus huttoni*, this form must be regarded as a separate species, because a form of *C. caudatus* occurs together with it, in the same region.

735. *Crateropus plebeius kikuyuensis* Neum. = *Crateropus plebeius kikuyuensis*.

Crateropus plebeius kikuyuensis Neumann, *Orn. Monatsber.* 1906. p. 7 ("Kikuyu").

Type : ♀ ad., Escarpment station, Kikuyu Mts., February 1901, 6,500 feet. William Doherty leg.

This form is very closely allied to *C. p. emini* Neum. from "Uniamwesi, Länder am Tanganyika, Tabora, Usagara," but is slightly darker. It is also close to *C. p. hypostictus* from Angola, but the latter is distinctly lighter in colour.

736. *Crateropus smithi lacuum* Neum. = *Crateropus leucopygius lacuum*.

Crateropus smithi lacuum Neumann, *Bull. B.O. Club*, xiv. p. 15 (1903—"The Lake Valley south of Shoa, from Lake Zuaï to Lake Gandjule, and the mountain-slopes east of that valley").

Type : ♂ ad., Alelu, north of Lake Abassi, 9.xii.1900. Oscar Neumann leg. No. 331.

737. *Crateropus smithi omoensis* Neum. = *Crateropus leucopygius omoensis*.

Crateropus smithi omoensis Neumann, *Bull. B.O. Club*, xiv. p. 15 (1903—"The countries of the Omo System—Uba, Gofa, Doko, Malo, and Kaffa, and also the head-waters of the Gelo River, Binescho and Schecho").

Type : ♂ ad., Senti River between Uba and Gofa, 30.i.1901. Oscar Neumann leg. No. 713.

(Cf. also *Journ. f. Orn.* 1904, p. 553, 1906, pp. 261, 262.)

C. l. lacuum is nearest to *C. l. smithi* and stands between the latter and *omoensis*, but is constant and well distinguishable from both. Only one specimen of *C. l. lacuum*, No. 391, approaches *C. l. omoensis*.

738. *Crateropus tenebrosus* Hartl. = *Crateropus tenebrosus*.

Crateropus tenebrosus Hartlaub, *Journ. f. Orn.* 1883. p. 425 (Kudurma); id. *Zool. Jahrb.* 1887. p. 313.

Type : ♂ ad., Kudurma, S.E. Bahr-el-Ghazal, 10.xi.1882. Emin Pasha leg. No. 260.

Neumann, *Journ. f. Orn.* 1904, p. 552, says: "Diese Art ist sicher der geographische Vertreter des *C. melanops*." I am not so sure about this, and should like to leave the question open. *C. tenebrosus* is still extremely rare. All specimens known in collections are four in number: the type in Tring; 2 specimens collected by Donaldson Smith at Fort Berkeley; 1 Mt. Baginzi, Bahr-el-Ghazal, Christy leg. Mr. Butler (cf. *Ibis*, 1918, p. 695) says that it is "quite a common bird in the vicinity of Kajo Kaji, in the Lado Enclave," but he does not seem to have collected a single specimen.

739. **Cataponera turdoides** Hart. = *Cataponera turdoides*.

Cataponera turdoides Hartert, *Nov. Zool.* iii. p. 70 (1896—Bonthain Park, South Celebes).

Type: ♀ ad., Bonthain Peak, 6,000 feet, October 1895. Alfred Everett leg.

740. **Garrulax schistochlamys** Sharpe = *Garrulax schistochlamys*.

Garrulax schistochlamys Sharpe, *Ibis*, 1888. p. 479 (Kina Balu, North Borneo).

Type: ♂ ad., Kina Balu, 15.v.1888. John Whitehead leg. No. 2,538.

741. **Allocotops calvus** Sharpe = *Allocotops calvus*.

Allocotops calvus Sharpe, *Ibis*, 1888. p. 389 (Kina Balu).

Type: ♂ ad., Kina Balu, North Borneo, 4,000 feet, 27.iii.1888. John Whitehead leg. No. 2,321.

742. **Trochalopteron canorum owstoni** Rothsch. = *Ianthocincla (Trochalopteron) canorum owstoni*.

Trochalopteron canorum owstoni Rothschild, *Bull. B.O. Club*, xiv. p. 8 (1903—Hainan).

Type: ♀ ad., Mt. Wuchi, Hainan, 29.iii.1903. Katsumata leg.

743. **Ianthocincla lineatum grisescentior** Hart. = *Ianthocincla (Trochalopteron) lineatum grisescentior*.

Ianthocincla lineatum grisescentior Hartert, *Vög. pal. Fauna*, i. p. 636 (1909—"Westlicher Himalaya: Kamaon, Simla, bis Kaschmir in Höhen von 5,000—8,000 engl. Fuss").

Type: Ad., Simla, 15.xi.1880. H. J. Elwes leg. No. 1,548.

744. **Ianthocincla lineatum gilgit** Hart. = *Ianthocincla (Trochalopteron) lineatum gilgit*.

Ianthocincla lineatum gilgit Hartert, *Vög. pal. Fauna*, i. p. 636 (1909—"Hohe Berge des nordöstlicheren Kaschmir." This is a misprint or penslip for "nordwestlichen," as Gilgit is in north-west Kashmir!).

Type: ♀ ad., Gilgit, 3.ii.1880. J. Scully leg.

745. **Trochalopteron phoeniceum bakeri** Hart. = *Ianthocincla (Trochalopteron) phoeniceum bakeri*.

Trochalopteron phoeniceum bakeri Hartert, *Bull. B.O. Club*, xxiii. p. 10 (1908—"Mountain Ranges south of the Brahmaputra").

Type: ♂ ad., Laisung, North Cachar Hills, 23.ii.1896. E. C. Stuart Baker leg. No. 32,960.

746. **Ianthocincla affinis oustaleti** Hart. = *Ianthocincla (Trochalopteron) affinis oustaleti*.

Ianthocincla affinis oustaleti Hartert, *Vög. pal. Fauna*, i. p. 633 (1909—Yunnan).

Type : Ad., Tsékou, Yunnan. Father Soulié leg. No. 349.

Confirmed by a series from the Likiang Range. Cap more blackish, back less rufescent, underside more greyish, less rufescent.

748. **Ianthocincla rufogularis assamensis** Hart. = *Ianthocincla rufogularis assamensis*.

Ianthocincla rufogularis assamensis Hartert, *Vög. pal. Fauna*, i. p. 635 (1909—"Assam : Patkai-Khasia- und Garo-Berge").

Type : ♂ ad., Margherita, 12.i.1902. Dr. H. N. Coltart leg. No. 12,102.

749. **Ianthocincla rufogularis occidentalis** Hart. = *Ianthocincla rufogularis occidentalis*.

Ianthocincla rufogularis occidentalis Hartert, *Vög. pal. Fauna*, i. p. 635 (1909—"Nordwestlicher Himalaya von Kumaon bis Kaschmir").

Type : Ad., Dehra Dun, Kashmir, ex Coll. Marshall. No. 11,109.

750. **Pomatorhinus tickelli hainanus** Rothsch. = *Pomatorhinus tickelli hainanus*.

Pomatorhinus tickelli hainanus Rothschild, *Bull. B.O. Club*, xiv. p. 9 (1903—Hainan).

Type : ♂ ad., No-tai, Hainan, 30.ix.1902. Katsumata leg. No. 90 a.

751. **Pomatorhinus schisticeps fastidiosus** Hart. = *Pomatorhinus schisticeps fastidiosus*.

Pomatorhinus schisticeps fastidiosus Hartert, *Bull. B.O. Club*, xxxvi. p. 81 (1916—Trang and Kao Nong, Bandon, Northern Malay Peninsula).

Type : ♂ ad., Trang, 8.i.1910. Ex Mus. Selangor.

752. **Pomatorhinus schisticeps cryptanthus** Hart. = *Pomatorhinus schisticeps, cryptanthus*.

Pomatorhinus schisticeps cryptanthus Hartert, *Bull. B.O. Club*, xxxvi. p. 35 (1915—"Hills south of Brahmaputra, Cachar to Patkoi Hills").

Type : ♂ ad., Margherita, Upper Assam, 22.ii.1902. H. N. Coltart leg.

753. **Eupetes castanonotus saturatus** R. & H. = *Eupetes castanonotus saturatus*.

Eupetes castanonotus saturatus Rothschild & Hartert, *Orn. Monatsber.* xix. p. 157 (1911—Snow Mountains, New Guinea).

Type : ♂, Snow Mountains of New Guinea, 2,000 feet, 24.viii.1910. Albert S. Meek Coll. No. 4,624.

754. **Cinclosoma alisteri** Math. = *Cinclosoma alisteri*.

Cinclosoma alisteri Mathews, *Bull. B.O. Club*, xxvii. p. 16 (1910—West Australia).

Type : ♂ ad., Waddilinia, W. Australia, 22.ix. No. 9,929.

† 755. **Bradyornis muscicapinus** Hartl. = *Muscicapa striata striata*.*Bradyornis muscicapinus* Hartlaub, *Abhandl. nat. Ver. Bremen*, xii. p. 9 (1891—Bagamoyo, E. Africa).Type : ♀ ad., Bagamoyo. Emin Pasha leg.
(Cf. *Bull. B.O. Club*, xxxiii. p. 65.)† 756. **Hemichelidon cinereiceps** Sharpe = *Muscicapa (Hemichelidon) ferruginea*.*Hemichelidon cinereiceps* Sharpe, *Ibis*, 1887. p. 441 (Kina Balu, Borneo).

Type : Kina Balu, 26.ii.1887. John Whitehead leg. No. 1,032.

757. **Alseonax murinus djamdjamensis** Neum. = *Muscicapa (Alseonax) murina djamdjamensis*.*Alseonax murinus djamdjamensis* Neumann, *Journ. f. Orn.* 1905. p. 206 (Djamdjam).

Type : ♀, Gerbitscho, Djamdjam, about 2,800 m., 14.xii.1900. Oscar Neumann leg. No. 411.

758. **Muscicapa ansorgei** Hart. = *Muscicapa (Alseonax) ansorgei*.
(Perhaps subspecies of *griseogularis*.)*Muscicapa ansorgei* Hartert, *Bull. B.O. Club*, xxv. p. 95 (May 1910—Ogowé River, Gaboon).

Type : ♀, Ugowo, Ogowé River, Gaboon, 27.viii.1907. W. J. Ansorge leg. No. 722.

759. **Muscicapa reichenowi** Neum. = *Muscicapa (Dioptrornis) chocolatinus reichenowi*.*Muscicapa reichenowi* Neumann, *Orn. Monatsber.* 1902. p. 10 (one specimen near Budda, in Gimirra, west of Kaffa).

Type : ♂ ad., Budda, Gimirra, 17.iv.1901. Oscar Neumann leg. No. 1,129.

This form requires confirmation. The type specimen is in badly worn plumage, but it seems indeed to be much darker than *M. (D.) ch. chocolatinus*. It can, however, not be more than a subspecies of the latter.760. **Dioptrornis semicinctus** Hart. = *Muscicapa (Dioptrornis) semicinctus*.*Dioptrornis semicinctus* Hartert, *Bull. B.O. Club*, xxxvii. p. 4 (1916—Kabakaba, Eastern Congo Free State).

Type : ♀ ad., Kabakaba, North-Eastern Congo Free State, 5.ix.1906. C. F. Camburn leg. No. 408.

This is also known, so far, from a single specimen only, but it appears to be a perfectly distinct species.

761. **Muscicapa toruensis** Hart. = *Muscicapa (Dioptrornis) toruensis*.*Muscicapa toruensis* Hartert, *Nov. Zool.* 1900. p. 37 (Toru, Uganda Protectorate).

Type : ♀ ad., Fort Gerry, Toru, 9.iv.1899. W. J. Ansorge leg. No. 351.

Besides the type from Toru we have now 16 skins, all collected by Grauer in the Kivu region, Rugege forest, west and north-west of Lake Tanganyika, Kwidjwi Island, near Lake Albert Edward and Baraka. The young is darker

on the back and spotted with white, while the feathers of the underside have blackish edges.

762. **Microeca flavigaster laetissima** Rothsch. = *Microeca flavigaster laetissima*.

Microeca flavigaster laetissima Rothschild, *Bull. B.O. Club*, xxxvii. p. 4 (1916—Queensland).

Type : ♀ ad., Cardwell, Queensland.

763. **Microeca oscillans** Hart. = *Microeca oscillans*.

Microeca oscillans Hartert, *Nov. Zool.* 1897. pp. 170. 524 (South Flores).

Type : ♂ ad., South Flores, about 3,500 feet. Alfred Everett leg.

764. **Microeca addita** Hart. = *Microeca addita*.

Microeca addita Hartert, *Nov. Zool.* 1900. p. 234 ("Mount Mada, 3,000 feet high").

Type : ♂ ad., Mount Madang, Buru, August—September 1898. J. Dumas leg.

765. **Microeca griseiceps occidentalis** R. & H. = *Microeca griseiceps occidentalis*.

Microeca griseiceps occidentalis Rothschild & Hartert, *Nov. Zool.* 1903. p. 471 ("Warmendi," Arfak).

Type : "Warmendi," Arfak, 24.i.1876, "♂." From Bruijn's hunters. No. B 124.

This bird is undoubtedly different from *M. g. griseiceps*, but so far we know only this one specimen.

† 766. **Microeca viridiflava** Rothsch. & Hart. = *Microeca papuana*.

Microeca papuana Meyer, *Sitzungsber. Ges. Isis*, 1875. p. 74 (Arfak).

Microeca viridiflava Rothschild & Hartert, *Bull. B.O. Club*, xi. pp. 26. 44 (1900—Mt. Cameron).

Type : ♀ ad., Mt. Cameron, 6,500 feet, 1.viii.1896. A. S. Anthony leg. (Fig. *Nov. Zool.* 1901.)

(This is probably a subspecies of *Microeca hypoxantha* Scl. from Tenimber [Timorlaut], of which we have one of the typical specimens collected by H. O. Forbes.)

767. **Muscicapa narcissina jakuschima** Hart. = *Muscicapa (Zanthopygia) narcissina jakuschima*.

Muscicapa narcissina jakuschima Hartert, *Vög. d. pal. Fauna*, p. 491 (1907—Yaku Island, south of Kiu-shiu).

Type : ♂ ad., Yaku-shima (Yaku I.), 18.x.1904. No. 1,064. Collected by Alan Owston's Japanese birdskinners.

768. **Stoparola panayensis nigriloris** Hart. = *Eumyias panayensis nigriloris*.

Stoparola panayensis nigriloris Hartert, *Bull. B.O. Club*, xiv. p. 80 (1904—Mt. Apo, Mindanao).

Type : ♂ ad., Mt. Apo, 3,000 feet, October 1908. John Waterstradt leg. (We have also paratypes of Grant's *Stoparola nigrimentalis*, rectius *S. panayensis nigrimentalis*, from North Luzon.)

769. *Stoparola panayensis obiensis* Hart. = *Eumyias panayensis obiensis*.

Stoparola panayensis obiensis Hartert, *Bull. B.O. Club*, xxxi. p. 2 (1912—Obi Major).

Type : ♂ ad., Obi Major, 2,000 feet, 26.iv.1902. John Waterstradt leg.

770. *Stoparola cerviniventris* Sharpe = *Eumyias indigo cerviniventris*.

Stoparola cerviniventris Sharpe, *Ibis*, 1887. p. 444 (Borneo).

Type : ♂ ad., Kina Balu, Borneo, 3,000 feet, 11.iii.1887. John Whitehead leg. No. 1,094.

771. *Siphia omissa* Hart. = *Cyornis banyumas omissa*.

Siphia omissa Hartert, *Nov. Zool.* iii. p. 171 (1896—Bonthain Peak, S. Celebes).

Type : ♂ ad., Indrulaman, Bonthain Peak, September 1895. Alfred Everett leg.

772. *Cyornis banyumas peromissa* subsp. nov.

Differs from *C. r. omissa* by its paler upperside and shorter wings. Wings : ♂, 72, 72, 73 ; ♀, 69 mm. (Against ♂, 75, 76.5, 79 ; and ♀ 72 and 73.5 in *C. r. omissa* !) The blue patch on the sides of the chest is also less developed than in *omissa* ; and in the ♀ the bright-blue superciliary line is obsolete, while the small feathers above and below the eye are more rufous.

Type : ♂ ad., Selayar, south of Celebes, November 1895. Alfred Everett leg.

773. *Siphia djampeana* Hart. = *Cyornis banyumas djampeana*.

Siphia djampeana Hartert, *Nov. Zool.* iii. p. 172 (1896—Djampea Island).

Type : ♂ ad., Djampea, December 1895. Alfred Everett leg.

774. *Siphia kalaoensis* Hart. = *Cyornis banyumas kalaoensis*.

Siphia kalaoensis Hartert, *Nov. Zool.* iii. p. 172 (1896—Kalao Island).

Type : ♂ ad., Kalao, December 1895. Alfred Everett leg.

One is tempted to distinguish two species, one with the female brown, another with blue upperside, but considering the very great similarity of the males of some forms I treat all these birds as subspecies of *banyumas*, which is the oldest name of the group.

I would thus recognize the following forms known to me :

Cyornis banyumas banyumas (Horsf.), Java.

„ „ *rufigastra* (Raffl.), Sumatra.

This bird has apparently not been found again and the type is not in the British Museum ! It was supposed to be the same as *banyumas*, but, considering that every other island has different forms, it is much more probable that the Sumatran form is also different ! Recent collectors have not procured this species at all. It is also possible that *rufigastra* was *caeruleata*, which is apparently the older name of *nigrigularis* ; we have received a skin of this latter species said to have been shot in Palembang, S.E. Sumatra, by a Mr. Völcker.

Cyornis banyumas dialilaema (Salvad.). Apparently Malay Peninsula and Burmese provinces.

Cyornis banyumas rufifrons Wall., Borneo.

„ „ *omissa* (Hart.), S. Celebes.

„ „ *peromissa* Hart., Saleyer.

„ „ *djampeana* (Hart.), Djampea.

„ „ *kalaoensis* (Hart.), Kalao.

„ „ *philippinensis* Sharpe, Philippines.

According to Finsch (1901) *simplex* would be the older name for “*philippinensis*,” but as the type had no locality, this requires further confirmation!

C. b. omissa is of course not the same as *C. banyumas banyumas*, as Finsch said. Not only can the males be distinguished, but the female of *banyumas* has a brown upperside, that of *omissa* a blue one.

775. *Cyornis hyacinthina kühni* Hart. = *Cyornis hyacinthina kühni*.

Cyornis hyacinthina kühni Hartert, *Nov. Zool.* 1904. p. 204 (Wetter Island).

Type : ♂ ad., Wetter, 24.ix.1902. Heinr. Kühn leg. No. 5,467.

776. *Siphia erithacus* Sharpe = *Cyornis erithacus*.

Siphia erithacus Sharpe, *Ibis*, 1888. p. 199 (Palawan).

Type : ♂ ad., Taguso, Palawan, 26.vi.1887. John Whitehead leg. No. 1,438.

777. *Siphia bonthaina* Hart. = *Cyornis bonthaina*.

Siphia bonthaina Hartert, *Nov. Zool.* 1896. p. 157 (Bonthain Peak, South Celebes).

Type : ♂ ad., Tasoso, Bonthain Peak, 4,000 feet, October 1895. Alfred Everett leg.

778. *Siphia innexa* Swinh. = *Muscicapa (Dendrobiastes) hyperythra innexa*.

Siphia innexa Swinhoe, *Ibis*, 1886. p. 394 (a unique specimen, Formosa).

Type : ♂ ad., Formosa, 7.i.1866. Swinhoe Coll.

779. *Muscicapula hyperythra audacis* Hart. = *Muscicapa (Dendrobiastes) hyperythra audacis*.

Muscicapula hyperythra audacis Hartert, *Nov. Zool.* 1906. p. 296 (Babber, S.W. Islands).

Type : ♂ ad., Tapa, Babber, 6.ix.1905. H. Kühn leg. No. 6,864.

780. *Muscicapula hyperythra pallidipectus* Hart. = *Muscicapa (Dendrobiastes) hyperythra pallidipectus*.

Muscicapula hyperythra pallidipectus Hartert, *Nov. Zool.* 1903. p. 52 (Batjan).

Type : ♂ ad., Batjan, 5—7,000 feet, vii.1902. John Waterstradt leg.

781. *Dendrobiastes hyperythra negroides* Stres. = *Musc. (Dendrob.) hyperythra negroides*.

Dendrobiastes hyperythra negroides Stresemann, *Nov. Zool.* 1914. p. 125 (Seran).

Type of ♀ : Gunong Hoale, Ceram, 4.vii.1911. Erwin Stresemann leg. No. 692.

(Stresemann, *l.c.*, said : Typen ♂ G. Pinaia, No. 880, ♀ G. Hoale, No. 692, but the male cannot be found now and has unaccountably been lost ; there are, however, four other adult males in the collection.)

782. **Dendrobiastes hyperythra alifurus** Stres. = *Musc. (Dendr.) hyperythra alifura*.

Dendrobiastes hyperythra alifurus Stresemann, *Nov. Zool.* xix. p. 330 (1912—Buru).

Type, as stated by the author : ♀, Gunong Fogha, Buru, 5,000 feet, 26.ii.1912. Erwin Stresemann. No. 1,076.

783. **Muscicapula nigrorum** Whiteh. = *Musc. (Dendr.) luzoniensis nigrorum*.

Muscicapula nigrorum Whitehead, *Bull. B.O. Club*, vi. p. xliii. (1897—Negros, in the Philippines).

Type : ♂ ad., Negros, Canloan Volcano, 6,700 feet, 23.iv.1896. John Whitehead leg. No. B 457.

784. **Dammeria henrici** Hart. = *Muscicapa (Dendrobiastes) henrici*.

Dammeria henrici Hartert, *Bull. B.O. Club*, viii. p. lviii. (1899—Dammer Island, in the Banda Sea).

Type : ♂ ad., Kumar, Dammer, 13.xi.1898. Heinr. Kühn leg. No. 1,038.

785. **Erythromyias buruensis** Hart. = *Erythromyias buruensis buruensis*.

Erythromyias buruensis Hartert, *Bull. B.O. Club*, viii. p. 31 (1899—Buru).

Type : ♂ ad., "Mt. Mada," Buru, 3,000 feet, September 1898. J. Dumas leg.

† 786. **Cryptolopha waigiensis** Hart. = *Gerygone neglecta neglecta*.

Gerygone neglecta Wallace, *Proc. Zool. Soc. London*, 1865. p. 475 ("Waigiou ; Mysol." Waigiou restricted terra typica, Mysol not correct).

Cryptolopha waigiensis Hartert, *Bull. B.O. Club*, xiii. p. 70 (1903—Waigiou).

Type : ♀, Waigiou, 15.xii.1902. John Waterstradt leg.

This, though really Wallace's *neglecta*, is by no means a typical *Gerygone*. (See footnote, *Nov. Zool.*, 1903, p. 473 !)

† 787. **Gerygone neglecta dohertyi** R. & H. = *G. neglecta virescens*.

"*Sylvia virescens* S. Müll." Blyth, *Ibis*, 1870. p. 169 footnote ("New Guinea").

Pseudogerygone virescens Finsch, *Notes Leyden Museum*, xx. p. 135 (1898—Lobo Bay, Salomon Müller Coll.).

Gerygone neglecta dohertyi Rothschild & Hartert, *Nov. Zool.* x. p. 473 (1903—Kapaur, 8 specimens).

Type : Kapaur, New Guinea, January 1897. William Doherty leg.

788. **Gerygone rosseliana** Hart. = *Gerygone rosseliana rosseliana*.

Gerygone rosseliana Hartert, *Nov. Zool.* 1899. p. 79 (Rossel Island, Louisiade group).

Type : ♂, Rossel Island, 5.ii.1898. A. S. Meek leg. No. 1,382.

789. **Gerygone rosseliana onerosa** Hart. = *Gerygone rosseliana onerosa*.

Gerygone rosseliana onerosa Hartert, *Nov. Zool.* vi. p. 209 (1899—St. Aignan, Louisiade group).

Type: ♂, St. Aignan Island, 5.ix.1897. A. S. Meek leg. No. 964.

790. **Gerygone magnirostris tagulana** R. & H. = *Gerygone magnirostris tagulana*.

Gerygone magnirostris tagulana Rothschild & Hartert, *Nov. Zool.* xxv. p. 318 (1918—Sudest Island, or Tugula, Louisiada group).

Type: ♂ ad., Mt. Riu or Rattlesnake, Sudest Island, 20.iv.1916. Eichhorn Bros. leg. No. 7,565 of the Meek collections.

791. **Gerygone magnirostris proxima** R. & H. = *Gerygone magnirostris proxima*.

Gerygone magnirostris proxima Rothschild & Hartert, *Nov. Zool.* xxv. p. 319 (1918—Fergusson Island, d'Entrecasteaux group).

Type: ♂, Fergusson Island, 3.i.1895. A. S. Meek leg. No. 1.

792. **Gerygone kühni** Hart. = *Gerygone inornata kühni*.

Gerygone kühni Hartert, *Nov. Zool.* 1900. p. 15 (Dammer Island).

Type: ♂ ad., Dammer, 13.x.1898. H. Kühn leg. No. 1,065.

793. **Gerygone kisserensis sequens** Hart. = *Gerygone inornata sequens*.

Gerygone kisserensis sequens Hartert, *Nov. Zool.* 1904. p. 205 (Romah Island).

Type: ♂ ad., Romah, 15.viii.1902. H. Kühn leg. No. 5,299 a.

794. **Gerygone everetti** Hart. = *Gerygone inornata everetti*.

Gerygone everetti Hartert, *Nov. Zool.* 1897. p. 267 (Savu and Timor. Terra typica restricta Savu ! Timor errore !)

Type: ♂, Savu Island, near Timor, August 1896. Alfred Everett leg.

795. **Miro dannefaerdi** Rothschild. = *Miro traversi dannefaerdi*.

Miro dannefaerdi Rothschild, *Nov. Zool.* i. p. 688 (1894—Snares Islands).

Type: ♂ ad., Snares Islands, south of New Zealand. Dannefaerd leg.

† 796. **Poecilodryas cyanus salvadorii** R. & H. = *Poecilodryas cyana subcyanea*.

Poecilodryas cyanus salvadorii Rothschild & Hartert, *Bull. B.O. Club*, xi. p. 26 (1900—Mts. Scratchley, Cameron, etc.).

Poecilodryas subcyanea De Vis, *Ibis*, 1897. p. 377 (S.E. New Guinea).

Type: ♂ ad., Mt. Cameron, 7,000 feet, 15.viii.1896. A. S. Anthony leg.

† 797. **Poecilodryas nigriventris** Hart. = *Poecilodryas vicaria*.

Poecilodryas vicaria De Vis, *Annual Report Brit. New Guinea*, 1890 to 1891, Appendix CC. p. 94 (1892—Mount Suckling).

Poecilodryas nigriventris Hartert, *Bull. B.O. Club*, xix. p. 51 (1907—Lower Mambare River).

Type: ♂ ad., Lower Mambare River, 5.v.1906. Albert S. Meek leg. No. A 2,813.

This species does not seem to occur on the southern side of the Owen-Stanley Mountains, but, besides from the Mambare River, we have now specimens from the Aicora River and from the Sattelberg.

798. **Poecilodryas albonotata griseiventris** R. & H. = *Poecilodryas albonotata griseiventris*.

Poecilodryas albonotata griseiventris Rothschild & Hartert, *Nov. Zool.* xx. p. 496 (1913—Mount Goliath).

Type : ♂ ad., Mount Goliath, in the eastern continuation of the "Snow Mountains" of New Guinea, 14.i.1911. A. E. Meek Coll. No. 5,454.

799. **Poecilodryas leucops nigro-orbitalis** R. & H. = *Poecilodryas (Tregellasia) leucops nigro-orbitalis*.

Poecilodryas leucops nigro-orbitalis Rothschild & Hartert, *Nov. Zool.* xx. p. 497 (1913—Snow Mountains).

Type : ♂ ad., Snow Mountains, 3,000 feet, 20.x.1910. A. S. Meek Coll. No. 4,862.

800. **Poecilodryas leucops albigularis** R. & H. = *Poecilodryas (Tregellasia) leucops albigularis*.

Poecilodryas leucops albigularis Rothschild & Hartert, *Nov. Zool.* xiv. p. 459 (1907—Cape York, North Queensland).

Type : ♂ ad., Cape York, 21.vii.1898. A. S. Meek's assistant leg. No. 1,992 of the Meek Collections.

801. **Parisoma blanfordi distincta** Hart. = *Parisoma blanfordi distincta*.

Parisoma blanfordi distincta Hartert, *Nov. Zool.* 1917. p. 459 (S. Arabia).

Type : ♂ ad., Gerba, S. Arabia, 15.xi. G. W. Bury leg. No. 511.

802. **Chloropeta natalensis major** Hart. = *Chloropeta natalensis major*.

Chloropeta natalensis major Hartert, *Bull. B.O. Club*, xiv. p. 73 (1904—Angola).

Type : Canhoca, Angola, 23.xii.1903. W. J. Ansorge leg. No. 1,545.

803. **Diaphorophyia graueri** Hart. = *Diaphorophyia graueri*.

Diaphorophyia graueri Hartert, *Bull. B.O. Club*, xxiii. p. 7 (1908—Primeval forest, 90 kilometres west of Lake Albert Edward).

Type : ♂ ad., primeval forest, 90 kilometres west of Lake Albert Edward, 1,600 m., 11.ii.1908. Rudolf Grauer leg. No. 2,011.

804. **Diaphorophyia ansorgei** Hart. = *Diaphorophyia ansorgei*.

Diaphorophyia ansorgei Hartert, *Bull. B.O. Club*, xv. p. 74 (1905—Benguella).

Type : ♀ ad., Cabeça de Ladrões, Benguella, 29.vii.1904. W. J. Ansorge leg. No. 467.

805. **Platysteira cyanea aethiopica** Neum. = *Platysteira cyanea aethiopica*.

Platysteira cyanea aethiopica Neumann, *Journ. f. Orn.* 1905. p. 210 ("Schoa und Süd-Athiopien").

Type : ♂ ad., Banka, in Malo, 15.ii.1901. Oscar Neumann leg. No. 807.

806. **Pseudocalyptomena graueri** Rothsch. = *Pseudocalyptomena graueri*.

Pseudocalyptomena graueri Rothschild, *Ibis*, 1909. p. 690. pl. x. (50 miles west of Russisi).

Type : ♂, 50 miles west of Russisi, north of Lake Tanganyika, November 1908, 2,000 m. in bamboo forest. Rudolf Grauer leg. No. 3,956.

807. **Smithornis capensis medianus** Hart. & Som. = *Smithornis capensis medianus*.

Smithornis capensis medianus Hartert & van Someren, *Bull. B.O. Club*, xxxvi. p. 59 (1916—"Kyambu Forest, Uganda, Toro, and forests west of Lakes Albert Edward and the northern portion of Tanganyika").

Type : ♂ ad., Kyambu Forest, in Uganda, 10.x.1915. V. G. L. van Someren leg.

808. **Smithornis capensis albigularis** Hart. = *Smithornis capensis albigularis*.

Smithornis capensis albigularis Hartert, *Bull. B.O. Club*, xiv. p. 73 (1904—Canhoca, North Angola).

Type : ♂ ad., Canhoca, 23.xi.1903. W. J. Ansorge leg. No. 1,332.

809. **Hypothymis azurea oberholseri** Stres. = *Hypothymis azurea oberholseri*.

Hypothymis azurea oberholseri Stresemann, *Nov. Zool.* xx. p. 295 (1913—Formosa).

Type : ♂ ad., Sharaikisha, Formosa, 5.iv.1907. Collected by Alan Owston's Japanese collectors.

810. **Hypothymis azurea symmixta** Stres. = *Hypothymis azurea symmixta*.

Hypothymis azurea symmixta Stresemann, *Nov. Zool.* xx. p. 294 (1913—Lombok, Sumbawa, Flores, Alor).

Type : ♂ ad., Alor, March 1897. Alfred Everett leg.

811. **Hypothymis puella blasii** Hart. = *Hypothymis puella blasii*.

Hypothymis puella blasii Hartert, *Nov. Zool.* v. p. 131 (1898—Sula Mangoli and Sula Besi Islands).

Type : ♂, Sula Besi, November 1897. William Doherty leg.

812. **Rhipidura sumbensis** Hart. = *Rhipidura rufifrons sumbensis*.

Rhipidura sumbensis Hartert, *Nov. Zool.* iii. p. 585 (1896—Sumba).

Type : ♂ ad., Sumba Island, February 1896. William Doherty leg.

813. **Rhipidura lousiadensis** Hart. = *Rhipidura rufifrons lousiadensis*.

Rhipidura lousiadensis Hartert, *Nov. Zool.* vi. p. 78 (1899—Lousiades, Rossel Island).

Type : ♂ ad., Rossel Island, 30.i.1898. A. S. Meek leg. No. 1,335.

814. *Rhipidura saipanensis* Hart. = *Rhipidura rufifrons saipanensis*.*Rhipidura rufifrons saipanensis* Hartert, *Nov. Zool.* v. p. 54 (1898—Saipan, Marianne Islands).

Type: ♂ ad., Saipan, 1.viii.1895. Collected by Alan Owston's Japanese skinners.

815. *Rhipidura superflua* Hart. = *Rhipidura rufifrons superflua*.*Rhipidura superflua* Hartert, *Bull. B.O. Club*, viii. p. 32 (1899—Buru).

Type: ♂, Mount Madang ("Mada"), Buru, 3,000 feet, September 1898. Dumas leg.

816. *Rhipidura rufiventris pallidiceps* Hart. = *Rhipidura rufiventris pallidiceps*.*Rhipidura rufiventris pallidiceps* Hartert, *Nov. Zool.* xi. p. 205 (1904—Wetter Island, near Timor).

Type: ♂ ad., Wetter, 16.ix.1902. Heinr. Kühn leg. No. 5,511.

817. *Rhipidura rufiventris tiandu* subsp. nov.

While in *R. rufiventris rufiventris*, *pallidiceps*, and *assimilis* the chest is pale brownish grey and the white spots have a somewhat washed-out appearance, not being in so sharp a contrast, in the new subspecies the chest is darker, more slate-grey, and the white spots stand out bolder, in sharp contrast; moreover, the crown of the head is darker, more blackish, and the ear-coverts almost pure black. The tips of the lateral rectrices are purer white. The dimensions are the same.

Type: ♂ ad., Taam Island, in the Tiandu group, 25.vii.1899. Heinrich Kühn leg. No. 1,349.

Of *Rh. rufiv. tiandu* I have now 12 specimens from Taam, Kilsuin, and Kur in the Tiandu or Kur group, stretching from Tenimber to Ceram (Seran). I had long ago noticed these differences, but the distribution seemed so very improbable, as we have 21 specimens, indistinguishable, so far as I am able to make out, from Add, near Great and from Little Key, as well as from Kisui and Teoor in the Watubela group, north of the Tiandu Islands. But the difference of the new subspecies is so striking that I cannot hesitate any longer, but herewith give it a name. Perhaps the Tiandu group, for reasons unknown to us, has been peopled with its birds in another way than the Watubela Islands.

818. *Rhipidura setosa niveiventris* R. & H. = *Rhipidura rufiventris niveiventris*.*Rhipidura setosa niveiventris* Rothschild & Hartert, *Bull. B.O. Club*, xxxiii. p. 109 (1914—Admiralty Islands).

Type: ♂ ad., Manus, Admiralty Islands, 13.ix.1913. Eichhorn Bros. leg. A. S. Meek Expeditions, No. 6,053.

819. *Rhipidura setosa nigromentalis* Hart. = *Rhipidura rufiventris nigromentalis*.*Rhipidura setosa nigromentalis* Hartert, *Nov. Zool.* v. pp. 525, 526 (1898—Sudest and St. Aignan Islands).

Type: ♂ ad., Sudest Island, Louisiade group, 13.iv.1898. A. S. Meek leg. No. 1,721.

820. *Rhipidura nigrocinnamomea* Hart. = *Rhipidura nigrocinnamomea*.

Rhipidura nigrocinnamomea Hartert, *Bull. B.O. Club*, xiv. p. 12 (1903—Apo Volcano, Mindanao).

Type: ♂ ad., Apo Volcano, Mindanao, 8,000 feet, April 1903. Walter Goodfellow leg. No. 137.

821. *Rhipidura cockerelli septentrionalis* R. & H. = *Rhipidura cockerelli septentrionalis*.

Rhipidura cockerelli septentrionalis Rothschild & Hartert, *Bull. B.O. Club*, xxxvi. p. 73 (1916—Bougainville Island).

Type: “♀” ad., Bougainville Island, Solomon group, 11.xii.1912. A. S. Meek leg. No. 3,537.

822. *Rhipidura cockerelli interposita* R. & H. = *Rhipidura cockerelli interposita*.

Rhipidura cockerelli interposita Rothschild & Hartert, *Bull. B.O. Club*, xxxvi. p. 73 (1916—Isabel Island).

Type: “♀” ad., Isabel Island, Solomon group, 4.vii.1901. A. S. Meek leg. No. 3,494.

823. *Rhipidura cockerelli lavellae* R. & H. = *Rhipidura cockerelli lavellae*.

Rhipidura cockerelli lavellae Rothschild & Hartert, *Bull. B.O. Club*, xxxvi. p. 74 (1916—Vella Lavella Island).

Type: “♀” ad., Vella Lavella Island, Solomons, 1.iii.1908. A. S. Meek leg. No. 3,902.

824. *Rhipidura albina* R. & H. = *Rhipidura cockerelli albina*.

Rhipidura cockerelli albina Rothschild & Hartert, *Nov. Zool.* 1901. p. 183 (Kulambangra).

Type: ♂ ad., Kulambangra Island, Solomon group, 13.iii.1901. A. S. Meek leg. No. 2,872.

More specimens must be collected on Kulambangra, where only this one was obtained, to show finally whether the Rendova specimens (cf. *Nov. Zool.* 1905, p. 260) are exactly the same as the Kulambangra form.

825. *Rhipidura atra* Salvad. = *Rhipidura atra*.

Rhipidura atra Salvadori, *Ann. Mus. Civ. Genova*, viii. p. 922 (1875—Arfak, New Guinea).

Cotype: ♂ ad., Hatam, Arfak, 28.vi.1875. Collected by Bruijn's hunters. Specimen e of Salvadori's list in *Orn. Papuaria Molucc.* Marked in the author's handwriting: “e *Rhipidura atra* Salvad. nov. sp. Typus!” It is according to modern nomenclature a cotype, as all specimens were marked “Typus.”

826. *Callaeops periophthalmica* Grant = *Tchitreia periophthalmica*.

Callaeops periophthalmica Ogilvie-Grant, *Bull. B.O. Club*, iv. p. xviii. (1895—Luzon).

Type: “♂,” bought in Manila by the late John Whitehead, said to have been killed with a blow-pipe near Manila.

In *Nov. Zool.* xxiii. pp. 335–336, pl. i. 1916, I have given a brief history of what I then supposed to be the unique specimen of this rare bird. I was, at the time, not aware that the bird described by Mr. McGregor in the *Philippine Journal of Science*, ii. A, No. 5, pp. 340–342, from Batan Island, north of Luzon, where he found it to be common, was the same. The possibility of this has been suggested in the *Manual of Philippine Birds*, 2, p. 467, but I agree with Richmond (*Auk*, xxxiv. pp. 216, 217, 1917), that certainly the two birds are the same, and also that I was in error in maintaining the genus *Callaeops*, which in reality cannot be separated from *Tchitrea*. This extraordinary species must therefore be called *Tchitrea periophthalmica* (Grant), and is no longer unique, though the only specimen in any European Museum, so far, is the type. If the statement of the native was correct, that it was killed near Manila, its occurrence there must have been quite exceptional, its real home being Batan Island, between Luzon and Formosa.

827. **Tchitrea camburni** Neum. = *Tchitrea camburni*.

Tchitrea camburni Neumann, *Bull. B.O. Club*, xxi. p. 43 (1908—Ituri Forest).

Type: “♂,” Ituri Forest, “Congo Free State,” 11.vii.1906. C. F. Camburn leg. No. 299.

This was the only specimen obtained by the collector.

828. **Tchitrea paradisi borneensis** Hart. = *Tchitrea paradisi borneensis*.

Tchitrea paradisi borneensis Hartert, *Bull. B.O. Club*, xxxvi. p. 75 (1916—Sarawak, Borneo).

Type: ♂ ad., Bejalong, Sarawak, vi.1903. Brook leg.

829. **Philentoma dubium** Hart. = *Philentoma pyrrhopterum dubium*.

Philentoma dubium Hartert, *Nov. Zool.* i. p. 477 (1894—Bunguran, Natuna Islands).

Type: ♂, Bunguran Island, 6.x.1893. Alfred Everett leg.

830. **Rhinomyias pectoralis baliensis** Hart. = *Rhinomyias umbratilis baliensis*.

Rhinomyias pectoralis baliensis Hartert, *Nov. Zool.* iii. p. 549 (1896—Bali).

Type: ♂, Bali, March—April 1896. William Doherty leg.

831. **Rhinomyias ruficrissa** Sharpe = *Rhinomyias ruficrissa*.

Rhinomyias ruficrissa Sharpe, *Ibis*, 1887. p. 441 (Kina Balu, Borneo).

Type: ♀, Kina Balu, 3,000 feet, 4.iii.1887. John Whitehead leg. No. 1,061.

832. **Rhinomyias colonus** Hart. = *Rhinomyias colonus*.

Rhinomyias colonus Hartert, *Nov. Zool.* v. p. 131 (1898—Sula Mangoli, east of Celebes).

Type: ♂, Sula Mangoli, November 1897, William Doherty leg.

833. **Rhinomyias gularis** Sharpe = *Rhinomyias gularis*.

Rhinomyias gularis Sharpe, *Ibis*, 1888. p. 385 (Kina Balu, Borneo).

Type: ♀, Kina Balu, 7,000 feet, 27.iii.1888. John Whitehead leg. No. 2,323.

834. **Culicicapa ceylonensis sejuncta** Hart. = *Culicicapa ceylonensis sejuncta*.
Culicicapa ceylonensis sejuncta Hartert, *Nov. Zool.* iv. p. 526 (1897—South Flores).

Type : ♂, South Flores, October 1896. Alfred Everett leg.

835. **Myiagra rubecula papuana** R. & H. = *Myiagra rubecula papuana*.
Myiagra rubecula papuana Rothschild & Hartert, *Nov. Zool.* xxv. p. 317 (1918—British New Guinea).

Type : ♂ ad., Kumusi River, N.E. British New Guinea, 28.vii.1907. A. S. Meek leg. No. 3,322.

836. **Myiagra rubecula sciurorum** R. & H. = *Myiagra rubecula sciurorum*.
Myiagra rubecula sciurorum Rothschild & Hartert, *Nov. Zool.* xxv. pp. 316. 318 (1918—Rossel and Sudest Islands).

Type : ♀ ad., Rossel Island, 3.iii.1898. A. S. Meek leg. No. 1,352.

837. **Myiagra feminina** R. & H. = *Myiagra ferrocyanea feminina*.
Myiagra feminina Rothschild & Hartert, *Nov. Zool.* viii. p. 183 (1901—Kulambangra Island, Solomon group).

Type : ♀, Kulambangra, 8.iii.1901. A. S. Meek leg. No. 2,850.

† 838. **Myiagra nupta** Hart. = *Myiagra cyanoleuca* (Vieill.).
Myiagra nupta Hartert, *Nov. Zool.* 1898. p. 526 (Sudest Island).

Type : ♂ ad., Sudest Island, 16.iv.1898. A. S. Meek leg. No. 1,738. (Cf. *Nov. Zool.* 1918, p. 316 !)

839. **Myiagra rufigula colonus** Hart. = *Myiagra ruficollis colonus*.
Myiagra rufigula colonus Hartert, *Nov. Zool.* iv. p. 266 (1897—Djampea and Kulao, south of Celebes).

Type : ♂ ad., Djampea, December 1895. Alfred Everett leg.

840. **Myiagra galeata buruensis** Hart. = *Myiagra galeata buruensis*.
Myiagra galeata buruensis Hartert, *Nov. Zool.* 1903. p. 9 (Buru).

Type : ♂ ad., Kayeli, Buru, October 1898. Alfred Everett leg.

841. **Myiagra galeata seranensis** Stres. = *Myiagra galeata seranensis*.
Myiagra galeata seranensis Stresemann, *Nov. Zool.* xxi. p. 127 (1914—Seran [Ceram]).

Type : ♂ ad., Manusela, Ceram, 9.vi.1911. Erwin Stresemann leg. No. 595.

842. **Machaerirhynchus flaviventer novus** R. & H. = *Machaerirhynchus flaviventer novus*.

Machaerirhynchus flaviventer novus Rothschild & Hartert, *Nov. Zool.* xix. p. 200 (1912—Kumusi River and Collingwood Bay, British New Guinea).

Type : ♂ ad., Haidana, Collingwood Bay, 15.iv.1907. A. S. Meek coll. No. 2,839.

843. *Machaerirhynchus nigripectus saturatus* R. & H. = *Machaerirhynchus nigripectus saturatus*.

Machaerirhynchus nigripectus saturatus Rothschild & Hartert, *Nov. Zool.* xx. p. 498 (1913—Mt. Goliath).

Type : ♀ ad., Mt. Goliath, 2.ii.1911. A. S. Meek coll. No. 5,276.

(Mr. Ogilvie-Grant, *Ibis*, Jubilee Suppl. 2, 1915, p. 144, doubted the distinctness of *saturatus* from *harterti* of British New Guinea, but the two forms are easily distinguishable, if series are compared.)

844. *Cryptolopha burkii valentini* Hart. = *Cryptolopha burkii valentini*.

Cryptolopha burkii valentini Hartert, *Vög. pal. Fauna*, i. p. 497 (1907—"Süd-Kansu und Schensi; Tsin-ling Gebirge, im Waldgürtel").

Type : ♂ ad., Taipaishan, Tsin-ling Mts., 2.vi.1905. Collected by Alan Owston's Japanese collectors. No. 13,205.

845. *Cryptolopha mindanensis* Hart. = *Cryptolopha mindanensis*.

Cryptolopha mindanensis Hartert, *Bull. B.O. Club*, xiv. p. 12 (1903—Mt. Apo, Mindanao).

Type : ♀, Mt. Apo, Mindanao, 8,000 feet, April 1903. Walter Goodfellow leg.

When I described this species, I had only the one specimen, but it has since been collected by Mearns.

846. *Cryptolopha montis* Sharpe = *Cryptolopha montis montis*.

Cryptolopha montis Sharpe, *Ibis*, 1887. p. 442 (Kina Balu, Borneo).

Type : ♂ ad., Kina Balu, 4,000 feet, 25.ii.1887. John Whitehead leg. No. 1,017.

847. *Cryptolopha xanthopygia* Whitehead = *Cryptolopha montis xanthopygia*.

Cryptolopha xanthopygia Whitehead, *Bull. B.O. Club*, i. p. xxxi. (1893—"Hab. in montibus insulae Palawanensis").

Type : ♀ ad., Palawan, 1,500 feet, 4.viii.1887. John Whitehead leg. No. 1,642.

I consider this form undoubtedly to be a subspecies of *C. montis*; the latter has no yellow on the rump, *C. montis floris* a narrow, *C. m. xanthopygia* a wide yellow rump-band. The bill of *xanthopygia* is rather longer than thicker than that of *C. m. montis*.

848. *Cryptolopha montis floris* Hart. = *Cryptolopha montis floris*.

Cryptolopha montis floris Hartert, *Nov. Zool.* iv. p. 171 (1897—South Flores).

Type : ♂ ad., South Flores, above 3,500 feet, November 1896. Alfred Everett leg.

849. *Cryptolopha butleri* Hart. = *Cryptolopha castaneiceps butleri*.

Cryptolopha butleri Hartert, *Bull. B.O. Club*, vii. p. 1. (1898—"Gunong Ijau, 4,000 feet").

Type : ♂ ad., Gunong Ijau, Perak, Malay Peninsula, iii.1898. A. L. Butler leg.

In view of the subspecies of *C. montis* I do not now hesitate to treat this as a subspecies of *castaneiceps*, another subspecies of which is *C. castaneiceps sinensis*.

850. **Cryptolopha budongoensis** Seth-Smith = *Cryptolopha budongoensis*.

Cryptolopha budongoensis Seth-Smith, *Bull. B.O. Club*, xxi. p. 12 (1907—"Budongo Forest, Uganda Protectorate").

"Types": ♂, 25.ii.1907; ♀, 20.v.1907, Budongo Forest. L. M. Seth-Smith leg.

† 851. **Abrornis sakaiorum** Stres. = *Abrornis superciliaris schwaneri* aberr.

Abrornis sakaiorum Stresemann, *Bull. B.O. Club*, xxxi. p. 27 (1912—"Upper Batang-Padang Valley, 3,000 feet").

Type and unique specimen: ♂, Batang-Padang Valley, Perak, 1.x.1910. Erwin Stresemann leg. No. C 25.

Evidently a colour-variety of *A. superciliaris schwaneri* as suggested by Stresemann *in litt*.

852. **Monarcha cinerascens rosselianus** R. & H. = *Monarcha cinerascens rosselianus*.

Monarcha cinerascens rosselianus Rothschild & Hartert, *Nov. Zool.* xxiii. p. 297 (1916—Rossel Island).

Type: ♂ ad., Rossel Island, Louisiade group, 6.ii.1898. A. S. Meek leg. No. 1,385.

853. **Monarcha everetti** Hart. = *Monarcha everetti*.

Monarcha everetti Hartert, *Nov. Zool.* iii. p. 173 (1896—Djampea).

Type: ♂ ad., Djampea in the Flores Sea, south of Celebes, December 1895. Alfred Everett leg.

854. **Monarcha kulambangrae** R. & H. = *Monarcha kulambangrae kulambangrae*.

Monarcha kulambangrae Rothschild & Hartert, *Nov. Zool.* 1901. p. 183 (Kulambangra Island).

Type: ♂ ad., Kulambangra, Solomon Islands, 12.iii.1901. A. S. Meek leg. No. 2,868.

855. **Monarcha chalybeocephalus manumudari** R. & H. = *Monarcha chalybeoceph. manumudari*.

Monarcha chalybeocephalus manumudari Rothschild & Hartert, *Nov. Zool.* xxii. p. 43 (1915—Vulcan Island).

Type: ♂ ad., Vulcan or Manumudar Island, north coast of Kaiser Wilhelm's Land, 4.xii.1913. Eichhorn Bros. leg. A. S. Meek's expeditions, No. 6,358.

856. **Monarcha kulambangrae meeki** R. & H. = *Monarcha kulambangrae meeki*.

Monarcha kulambangrae meeki Rothschild & Hartert, *Nov. Zool.* 1905. p. 262 (Rendova Island).

Type: ♂ ad., Rendova, Solomon Islands, 23.ii.1904. A. S. Meek leg. No. A 1,355.

857. *Monarcha brodiei floridana* R. & H. = *Monarcha brodiei floridanus*.

Monarcha brodiei floridana Rothschild & Hartert, *Nov. Zool.* 1901. p. 182 (Florida Island).

Type: ♂ ad., Florida, Solomon Islands, 4.i.1901. A. S. Meek leg. No. 2,740.

858. *Monarcha brodiei nigrotectus* Hart. = *Monarcha brodiei nigrotectus*.

Monarcha brodiei nigrotectus Hartert, *Bull. B.O. Club*, xxi. p. 107 (1908—Vella Lavella Island).

Type: ♂ ad., Vella Lavella Island, Central Solomon Islands, 8.iii.1908. A. S. Meek Coll. No. 3,957.

859. *Monarcha castaneiventris megarhynchus* R. & H. = *Monarcha castaneiventris megarhynchus*.

Monarcha castaneiventris megarhynchus Rothschild & Hartert, *Nov. Zool.* xv. p. 363 (1908—San Christoval Island).

Type: ♂ ad., Yanuta, San Christoval Island, Solomon Islands, 26.iv.1908. A. S. Meek Coll. No. 4,089.

† 860. *Pomarea ribbei* Hart. = *Pomarea erythrosticka*.

Pomarea erythrosticka Sharpe, *Proc. Zool. Soc. London*, 1888. p. 185 (Fauro Island).

Pomarea ribbei Hartert, *Nov. Zool.* 1895. p. 485 (Munia Island).

Type: ♂ ad., Munia Island, Shortland group, in the Solomon Archipelago, 27.ix.1893. Wahnes & Ribbe leg.

(Munia is very near Fauro. The specimens with white crescent in front of the eyes and larger size are the males, those with the rufous crescent and smaller dimensions the females !)

PRUNELLIDAE (ACCENTORIDAE).

861. *Prunella collaris ripponi* Hart. = *Prunella collaris ripponi*.

Prunella collaris ripponi Hartert, *Vög. pal. Fauna*, i. p. 766 (1910—"Von den hohen Bergenöstlich von Tali—Talifu—im westlichen Jünnan").

Type: Ad., Gyi-dziu-shán, east of Talifu, 10,000 feet, 5.iv.1902. Col. G. Rippon leg.

862. *Accentor erythropygius* Swinh. = *Prunella erythropygia*.

Accentor erythropygius Swinhoe, *Proc. Zool. Soc. London*, 1870. p. 124. pl. ix. ("On my journey back from Mongolia to Peking, in the Prefecture of Seu-en-hwafoo, 26th September, 1868, at a place called Kemeih," . . . "we secured one" out of a small flock).

Type: ♂ ad., Kemeih, 26.ix.1868. R. Swinhoe leg.

863. *Accentor modularis occidentalis* Hart. = *Prunella modularis occidentalis*.

Accentor modularis occidentalis Hartert, *Brit. B.* iii. p. 313 (1910—"British Isles").

Type: ♂ ad., Tring, 10.iv.1893. Ex Coll. N. C. Rothschild.

TROGLODYTIDAE.

† 864. *Cinclus cinclus sardus* Hart. = *Cinclus cinclus sapsworthi*.

Cinclus cinclus sapsworthi Arrigoni, *Atlante Ornitologico*, p. 150 (1902—Corsica).

Cinclus cinclus sardus Hartert, *Bull. B.O. Club*, xiv. p. 51 (1904—Sardinia).

Type: ♂ ad., near Ogliastro, Sardinia, 14.xi.1902.

865. *Cinclus cinclus hibernicus* Hart. = *Cinclus cinclus hibernicus*.

Cinclus cinclus hibernicus Hartert, *Vög. pal. Fauna*, i. p. 790 (1910—Ireland).

Type: ♂, County Cork, Ireland, 25.viii.1896. Bought from Brazenov Bros. No. 2,598.

866. *Hydrobata marila* Swinh. = *Cinclus pallasii marila*.

Hydrobata marila Swinhoe, *Journ. North China Branch R. Asiat. Soc.* No. 2. p. 227 (1859—Formosa).

Type (marked in Swinhoe's handwriting "Type of *Hydrobata marila*, Swinh."). ♀ ad., Formosa, 24.vi.1858. R. Swinhoe leg. No. 175.

† 867. *Cinclus bilkevitchi* Zar. = *Cinclus cinclus leucogaster* Bp.

Cinclus bilkevitchi Zarudny, *Orn. Jahrb.* xiii. p. 57 (1902—Descr. of one ♂ ad., Tau-Tekele, Altai, 16.(28.) vii.1894).

Type: ♂ ad., Tau-Tekele, Altai Mts. 16.vi.1894, Russian date (= 28.vi.1894, erroneously vii. in *Orn. Jahrb.*). S. Bilkevitch leg. Ex Coll. Zarudny.

868. *Troglodytes troglodytes islandicus* Hart. = *Troglodytes troglodytes islandicus*.

Troglodytes troglodytes islandicus Hartert, *Bull. B.O. Club*, xxi. p. 25 (1907—Iceland).

Type: ♂ ad., Gilsbakki, Iceland, 13.vi.1900. H. H. Slater leg. No. 3,690.

869. *Troglodytes troglodytes kabyorum* Hart. = *Troglodytes troglodytes kabyorum*.

Troglodytes troglodytes kabyorum Hartert, *Vög. pal. Fauna*, i. p. 870 (1910—Atlas).

Type: ♂ ad., near Alger, 25.ii.1909. Rothschild, Hartert, and Hilgert leg. No. 8.

870. *Troglodytes troglodytes szetschuanus* Hart. = *Troglodytes troglodytes szetschuanus*.

Troglodytes troglodytes szetschuanus Hartert, *Vög. pal. Fauna*, i. p. 783 (1910—Tsinling Mts., Sechuan to Ichang).

Type: ♂, Mu-kua-chi, Lung-an, Sechuan, 15.v.1893 (Russian date). Berezovsky leg.

871. *Troglodytes troglodytes taivanus* Hart. *Troglodytes troglodytes taivanus*.

Troglodytes troglodytes taivanus Hartert, *Vög. pal. Fauna*, i. p. 776 (1910—Formosa).

Type: ♂ ad., Mt. Arizan, Formosa, 13.xii.1906. Collected by Alan Owston's Japanese collectors.

872. **Cistothorus platensis tucumanus** Hart. = *Cistothorus platensis tucumanus*.

Cistothorus platensis tucumanus Hartert, *Nov. Zool.* 1909. p. 163 (Tucuman, Argentina).

Type : ♀ ad., Tucuman, 30.x.1899. J. Venturi leg.

873. **Cistothorus platensis meridae** Hellm. = *Cistothorus platensis meridae*.

Cistothorus platensis meridae Hellmayr, *Bull. B.O. Club*, xix. p. 74 (1907—Merida, Venezuela).

Type : Ad., El Loro, Andes of Merida, 3,000 m., 13.viii.1898. Sal. Briceño Gabaldón é hijos leg.

874. **Thryothorus genibarbis intercedens** Hellm. = *Thryothorus genibarbis intercedens*.

Thryothorus genibarbis intercedens Hellmayr, *Nov. Zool.* 1908. p. 17 (Goyaz, Brazil).

Type : ♂ ad., Rio Thesouras, state of Goyaz, 600 m., May 1906. G. A. Baer leg. No. 2,167.

875. **Thryothorus griseipectus caurensis** Berl. & Hart. = *Thryothorus griseipectus caurensis*.

Thryothorus griseipectus caurensis Berlepsch & Hartert, *Nov. Zool.* ix. p. 7 (1902—Caura River, Orinoco region, Venezuela).

Type : ♂ ad., Nicare, Caura River, 12.i.1901. E. André leg.

876. **Thryothorus goodfellowi** Schl. = *Thryothorus goodfellowi*.

Thryothorus goodfellowi Selater, *Bull. B.O. Club*, xi. p. 47 (1901—"Aequatoria occidentalis").

Type : ♂ ad., Papallacta, Eastern Ecuador, 11,500 feet, February 1899. Goodfellow and Hamilton leg.

877. **Thryophilus albipectus hypoleucus** Berl. & Hart. = *Thryophilus albipectus hypoleucus*.

Thryophilus albipectus hypoleucus Berlepsch & Hartert, *Nov. Zool.* ix. p. 6 (1902—Altagracia on the Orinoco).

Type : ♂ ad., Altagracia, 6.i.1898. Geo. K. Cherrie Collection. No. 9,550.

878. **Odontorhynchus branickii minor** Hart. = *Odontorhynchus branickii minor*.

Odontorhynchus branickii minor Hartert, *Bull. B.O. Club*, xi. p. 40 (1900—Paramba, N. Ecuador).

Type : ♂, Paramba, 3,500 feet, 21.iii.1899. G. Flemming leg.



Hartert, Ernst. 1920. "Types of birds in the Tring Museum. B. Types in the General Collection." *Novitates zoologicae : a journal of zoology in connection with the Tring Museum* 27, 425–505. <https://doi.org/10.5962/bhl.part.7307>.

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