

NOTE XI.

LIST OF A COLLECTION OF BIRDS FROM WESTERN
JAVA AND FROM KRAKATAU

BY

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The collection of birds, of which the following lines contain an enumeration of the species, has been brought together by Mr. Edward Jacobson. It is a fine collection of about 800 well-prepared and exactly labelled skins, a few of which are collected by Mr. Jacobson himself, by far the larger part however by native hunters under his direct supervision. The birds are collected at various parts of the residence Batavia and of the former residence Krawang, on Goenoeng Karang in the residence Bantam, near Palaboean Ratoe at the Wijnkoopsbaai in the residence Preanger Regentschappen and on the island Krakatau in the straits of Soenda. To the last-named island Mr. Jacobson paid a short visit on occasion of the surveying of the group of Krakatau in May 1908. An interesting account on the new fauna of this group of islands has been published by him in „Jaarverslag van den Topographischen dienst in Ned.-Indie over 1908”, for which paper I provided him with a list of the birds collected there.

Among the collection from Java there was one form, a *Gerygone*, which belonged to an undescribed one and which I had the pleasure to name after Mr. Jacobson; the study of other specimens has in some cases required necessary changes in the nomenclature.

For the native names and for some biological notes Mr. Jacobson is responsible.

Notes from the Leyden Museum, Vol. XXXII.

PODICIPEDIDAE.

Podiceps fluviatilis novae hollandiae Stephens.

Podiceps novae hollandiae Stephens in Shaw, Gen. Zool. XIII, 1826, p. 18.

Podicipes novae hollandiae, Ogilvie-Grant, Cat. B. Br. M. XXVI, 1898, p. 519.

Podiceps tricolor, Vorderman, Nat. Tijdschr. Ned. Ind. XLII, 1883, p. 119.

Podiceps philippensis, Vorderman, Nat. Tijdschr. Ned. Ind. LX, 1901, p. 131.

N^{os}. 752, 753, ♀♀, Rawa Plawat, Tanggeran, 27 November 1908.

— 754, 755, ♂♀, Rawa Kangkoeng, Tanggeran, 28 November 1908.

Malay name: bëlibis batoe.

All the little grebes from Java in the collection of the Leyden Museum (15 specimens) belong to *novae hollandiae*. The bird, originally described by Vorderman under the name of *P. tricolor* and named later on by him *P. philippensis*, belongs also to *novae hollandiae*.

PHALACROCORACIDAE.

Phalacrocorax pygmaeus javanicus (Horsfield).

Carbo javanicus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 197.

Phalacrocorax javanicus, Ogilvie-Grant, Cat. B. Br. M. XXVI, 1898, p. 402.

N^o. 628, ♂, Rawa Gempol, Krawang, 2 October 1908.

Malay name: pëtjoek.

ARDEIDAE.

Ardea cinerea L.

Ardea cinerea Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 143. — Sharpe, Cat. B. Br. M. XXVI, 1898, p. 74.

N^{os}. 636, 637, ♂♂, Rawa Gempol, Krawang, 7 and 8 October 1908.

Malay name: tjangak laoet.

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These two not fully adult males have the greater wing-coverts of a lighter grey than in specimens of the same age from Holland.

Mesophoyx intermedia (Wagler).

Ardea intermedia Wagler, Isis, 1829, p. 659.

Mesophoyx intermedia, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 85.

Nº. 494, ♀, Pësing near Batavia, 10 August 1908.

Malay name: koentoel.

According to Mr. Jacobson these herons are often to be seen accompanying the kerbaus and the cattle. Usually at each side of the grazing animal a heron is standing.

Bubulcus ibis coromanda (Boddaert).

Cancroma coromanda Boddaert, Tab. Pl. Enl. 1783, p. 54.

Bubulcus coromandus, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 217.

Nº. 313, not sexed, Bekassie, Krawang, 21 June 1908.

— 745, 746, 747, 748, 749, 750, ♂ ♂ and ♀ ♀, Rawa Këpoe, Tanggeran, 26—29 November 1908.

Malay names: boeka opi and koentoel.

Butorides striata javanica (Horsfield).

Ardea javanica Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 190.

Butorides javanica, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 177.

Nºs. 559, 560, ♂ ♂, Empang Pakis, Krawang, 4 October 1908.

— 561, 564, ♀ ♂, Soengei Asem, Krawang, 5 October 1908.

— 562, 563, ♀ ♂, Rawa Gempol, Krawang, 7 October 1908.

Malay name: kokokan laoet, and at Tjabang boengin, pantjok.

This smaller form (wing 162—169 mm.) is the common Javan form. The larger form (wing about 200 mm.), *Butorides striata amurensis* (Schrenck), is a rare migrant to Java; in the Leyden Museum is only one young example, collected by H. Boie in 1826 or 1827 in Western Java. The statement of Vorderman, that *Butorides s. stagnatilis*

(Gould) should have been killed on Java, is based upon a mistake.

It seems to me that these forms of *Butorides* and all the other described ones are subspecies to *Butorides striata* (L.) of South America.

***Ardeola speciosa* (Horsfield).**

Ardea speciosa Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 189.

Ardeola speciosa, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 212.

Nos. 490, 491, 492, 492bis, 493, ♂♂ and ♀♀, Moeara Karang near Batavia, 14—16 August 1908.

— 644, 645, ♂♀, Rawa Boeaja, Batavia, 8 November 1908.

— 751, ♀, Rawa Këpoeh, Tanggeran, 29 November 1908.

Malay name: blekok.

Only n^o. 751 is in full breeding plumage.

***Ixobrychus cinnamomea* (Gmelin).**

Ardea cinnamomea Gmelin, Syst. Nat. I, 1789, p. 643.

Ardetta cinnamomea, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 236.

N^o. 489, not sexed, Batavia, August 1908.

— 495, ♀, Tomang near Batavia, 5 August 1908.

— 495bis, ♀, Pësing near Batavia, 11 August 1908.

— 653, 654, 655, 656, 657, 658, 2 ♂♂ and 4 ♀♀, Rawa Boeaja, Batavia, 8—16 November 1908.

Malay name: kokokan.

CICONIIDAE.

***Leptoptilos javanica* (Horsfield).**

Ciconia javanica Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 188.

Leptoptilus javanicus, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 317.

N^o. 796, ♀, Bekassie, Krawang, 18 November 1908.

Malay name: bango.

***Tantalus cinereus* Raffles.**

Tantalus cinereus Raffles, Trans. Linn. Soc. London, XIII, 1822, p. 327.

Pseudotantalus cinereus, Sharpe, Cat. B. Br. M. XXVI, 1898, p. 326.

N^{os}. 638, 639, ♀♀, Rawa Gempol, Krawang, 7 October 1908.

Malay name: bloewo.

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ANATIDAE.

***Nettion gibberifrons* (S. Müller).**

Anas (Mareca) gibberifrons S. Müller, Verh. Land- en Volkenk. 1839—44, p. 159.

Nettion gibberifrons, Salvadori, Cat. B. Br. M. XXVII, 1895, p. 254.

N^{os}. 554, 555, ♀♂, Rawa Gempol, Krawang, 5 October 1908.

— 741, 742, 743, 744, ♀♂♀♀, shore near Kramat, Batavia, 29—30 November 1908.

Malay name: bëbëndjoet.

***Dendrocygna javanica* (Horsfield).**

Anas javanica Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 199.

Dendrocygna javanica, Salvadori, Cat. B. Br. M. XXVII, 1895, p. 156.

N^o. 737, ♀, Rawa Këpoeih, Tanggeran, 26 November 1908.

Javanese name: mèliwis; near Batavia: bëlibis.

***Dendrocygna arcuata* (Horsfield).**

Anas arcuata Horsfield, Zool. Res. in Java, 1822, pl. & descr.

Dendrocygna arcuata, Salvadori, Cat. B. Br. M. XXVII, 1895, p. 153.

N^{os}. 735, 736, ♀♂, Rawa Plawat, Tanggeran, 27 November 1908.

— 738, 739, 740, ♂♂♀, Rawa Këpoeih, Tanggeran, 26 November 1908.

Javanese name: mèliwis; near Batavia: bëlibis.

FALCONIDAE.

***Falco severus* Horsfield.**

Falco severus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 135.

— Sharpe, Cat. B. Br. M. I, 1874, p. 397.

N^o. 320, young ♀, Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.

— 321, old ♂, Toeroes Batoe, Goenoeng Karang, 27 August 1908.

Sundaic and malay names: alap alap singa (old); alap alap matjan (young).

Notes from the Leyden Museum, Vol. XXXII.

Pernis ptilonorhynchus* (Temminck).Falco ptilonorhynchus* Temminck, Pl. col. 44, 1823.*Pernis ptilonorhynchus*, Sharpe, Cat. B. Br. M. I, 1874, p. 347.

N°. 795, ♀, Batavia, 20 November 1908.

Elanus caeruleus hypoleucus* Gould.Elanus hypoleucus* Gould, Proc. Zool. Soc. London, 1859, p. 127. —

Sharpe, Cat. B. Br. M. I, 1874, p. 338.

N°. 125, ♂, Batavia, 28 January 1908.

— 507, ♂, Moeara Karang, Batavia, 12 August 1908.

Malay name: alap alap tikoës; sundaic name: heulang rajok.

Haliastur indus intermedius* Gurney.Haliastur intermedius* Gurney, Ibis, 1865, p. 28.*Haliastur indus*, subsp. α *Haliastur intermedius*, Sharpe, Cat. B. Br. M. I, 1874, p. 314.

N°. 766, ♀, Rawa Plawat, Tanggeran, 27 September 1908.

Malay name: oeloeng.

Spilornis bacha* (Daudin).Falco bacha* Daudin, Traité d'Orn. II, 1800, p. 43.*Spilornis bacha*, Sharpe, Cat. B. Br. M. I, 1874, p. 290.

N°. 635, ♂, Soengei Asem, Krawang, 5 October 1908.

Malay name: wido kelig.

Accipiter virgatus* (Temminck).Falco virgatus* Temminck, Pl. col. 109, 1823.*Accipiter virgatus*, Sharpe, Cat. B. Br. M. I, 1874, p. 150.

N°. 124, ♀, Batavia, 28 January 1908.

Malay name: alap alap boeroeng; sundaic name: alap alap.

GALLIDAE.

Gallus gallus* (L.).Phasianus gallus* Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 158.*Gallus bankiva* Temminck, Pig. et Gall. II, 1813, p. 87.*Gallus gallus*, Ogilvie-Grant, Cat. B. Br. M. XXII, 1893, p. 344.

Notes from the Leyden Museum, Vol. XXXII.

- N^{os}. 258, 259, 260, 261, ♂ ♂ ♂ ♀, Palaboean Ratoe, Wijnkoopsbaai, 13—20 March 1908.
 — 335, ♂, Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.
 — 336, ♂, Lemah Beureum, Goenoeng Karang, Bantam, 4 September 1908.
 — 557, ♀, Pakis, Krawang, 8 October 1908.
 — 558, ♂ juv., Pakis, Krawang, 8 October 1908.

Malay and javanese name: ayam alas; sundaic names: kasintoe and tjengegar.

The cocks, collected in September, have the hackles fully developed.

Gallus varius (Shaw & Nodder).

Phasianus varius Shaw & Nodder, Nat. Misc. X, pl. 353.

Gallus furcatus Temminck, Fig. et Gall. II, 1813, p. 261.

Gallus varius, Ogilvie-Grant, Cat. B. Br. M. XXII, 1893, p. 352.

- N^o. 257, ♂, Palaboean Ratoe, Wijnkoopsbaai, 15 March 1908.
 — 556, ♀, Pakis, Krawang, 8 October 1908.

Native names like those of *Gallus gallus* (L.).

TURNICIDAE.

Turnix pugnax (Temminck).

Hemipodius pugnax Temminck, Fig. et Gall. III, 1815, p. 612.

Turnix taigoor, subsp. *Turnix pugnax*, Ogilvie-Grant, Cat. B. Br. M. XXII, 1893, p. 534.

- N^o. 172, ♀, Batavia, 26 February 1908.
 — 706, 707, ♂ ♂, Tjengkareng, Batavia, 18 November 1908.

Malay name: poejoe; javanese name: gëmak.

RALLIDAE.

Hypotaenidia striatus (L.).

Rallus striatus Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 262.

Hypotaenidia striata, Sharpe, Cat. B. Br. M. XXIII, 1894, p. 33.

- N^o. 660, ♂, Rawa Boeaja, Batavia, 8 November 1908.

Malay name: mandar paddi.

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***Poliolimnas cinereus* (Vieillot).**

Porphyrio cinereus Vieillot, Nouv. Dict. d'Hist. Nat. XXVIII, 1819, p. 29.

Poliolimnas cinereus, Sharpe, Cat. B. Br. M. XXIII, 1894, p. 130.

N^o. 499, ♀, Pësing near Batavia, 11 August 1908.

— 546, 547, ♂ ♀, Empang Pakis, Krawang, 4 October 1908.

— 661, ♂, Djëlambar, Batavia, 9 November 1908.

— 662, 663, 664, 665, ♀ ♀ ♂ ♂, Batavia, 11—19 November 1908.

— 666, ♂, Soenter, Batavia, 20 November 1908.

— 667, ♀, Batavia, 11 November 1908.

Malay name: tikoësan.

***Amaurornis phoenicurus* (Forster).**

Rallus phoenicurus Forster, Ind. Zool. 1781, p. 19, pl. 9.

Amaurornis phoenicura, Sharpe, Cat. B. Br. M. XXIII, 1894, p. 156.

N^{os}. 496, 497, 498, ♂ ♂ ♂, Pësing near Batavia, 10—12 August 1908.

— 650, ♀, Batavia, 13 November 1908.

Malay name: terkowag; javanese name: sri bombo.

***Gallinula chloropus orientalis* Horsfield.**

Gallinula orientalis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 195.

Gallinula chloropus, Sharpe, Cat. B. Br. M. XXIII, 1894, p. 169.

N^{os}. 584, 585, 586, ♂ ♂ ♂, Tjengkareng, Batavia, 23 September 1908.

— 622, 623, 624, ♀ ♀ ♂, Rawa Gempol, Krawang, 2 October 1908.

— 647, 648, ♂ ♀, Tjengkareng, Batavia, 18 November 1908.

Malay names: përoek, pellau, bawangan, mandar.

This is a smaller subspecies of the European moorhen; the frontal shield is wider, the plumage somewhat darker and the back and the wingcoverts are olive-greenish, not olive-brownish. Wing 150—160 mm.

Notes from the Leyden Museum, Vol. XXXII.

Porphyrio calvus Vieillot.

Porphyrio calvus Vieillot, Nouv. Dict. d'Hist. Nat. XXVIII, 1819, p. 28. — Sharpe, Cat. B. Br. M. XXIII, 1894, p. 200.

N^{os}. 587, 588, 589, ♀♀ ♂, Tjengkareng, Batavia, 23 September 1908.

— 625, 626, 627, ♂ ♂ ♀, Rawa Gempol, Krawang, 2 October 1908.

— 640, 641, ♀ ♂, Tjengkareng, Batavia, 18 November 1908.

Malay name: bintapoe; in Tjabang boengin: mandar bésar.

A greenish blue wash upon the back is to be seen in all the specimens. The feathers of the back, the scapulars, the wingcoverts and the inner secondaries are dusky black, obscurely and minutely banded with greenish blue.

CHARADRIIDAE.

Charadrius dominicus fulvus Gmelin.

Charadrius fulvus Gmelin, Syst. Nat. I, 1789, p. 687.

Charadrius dominicus, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 195.

N^{os}. 575, 576, 577, 578, 579, 580, ♂ ♂ and ♀♀, Moeara Karang, Batavia, 19—22 September 1908.

— 712, ♀, Moeara Karang, 17 November 1908.

Malay name: troelek.

The specimens are in winter dress, but in n^{os}. 575 and 576, and especially in n^o. 580, the undersurface is mottled with black.

Ochthodromus inconspicuus (Wagler).

Charadrius inconspicuus Wagler, Isis, 1829, p. 651.

Charadrius pyrrhothorax Gould, Birds Eur. IV, 1837, pl. 299.

Ochthodromus pyrrhothorax, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 226.

Ochthodromus inconspicuus, Oberholser, Proc. U. S. Nat. Mus. XXII, 1900, p. 206.

N^{os}. 570, 573, 574, ♀ ♂ and unsexed specimen, Moeara Karang, Batavia, 19—21 November 1908.

Malay name: tjërik.

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One young specimen and two adult ones in winter dress. The old birds have no complete collar across the foreneck. The young bird agrees perfectly with the description of the young of *O. mongolus* by Stejneger in Sharpe's Catalogue; the tarso-metatarsi are however longer than the measurements given for *mongolus* and agree with those of *pyrrhothorax* syn. *inconspicuus*. Our specimens measure: bill 17—18, wing 129—132, tarso-met. 33—36 mm.

***Ochthodromus geoffroyi* (Wagler).**

Charadrius geoffroyi Wagler, Syst. Av. Charadrius, n^o. 19, 1827.

Ochthodromus geoffroyi, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 217.

N^{os}. 569, 571, 572, ♂ ♀ and unsexed specimen, Moeara Karang, Batavia, 19—22 September 1908.

Malay name: tjërik.

Specimens in winter dress. This species is easily to be recognised by its large size and long bill. Bill 22, wing 138—144, tarso-met. 36—37 mm.

***Squatarola squatarola* (L.).**

Tringa squatarola Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 149.

Squatarola helvetica, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 182.

N^{os}. 651, 652, ♀ ♀, Moeara Karang, Batavia, 17 November 1908.

Malay name: troelek.

***Arenaria interpres* (L.).**

Tringa interpres Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 148.

Arenaria interpres, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 92.

N^{os}. 770, 771, 772, 773, 774, 775, ♂ ♂ and ♀ ♀, shore near Kramat, Batavia, 1 December 1908.

Malay name: tilil.

Specimens in winter dress.

Tringoides hypoleucos (L.).

Tringa hypoleucos Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 149.

Tringoides hypoleucos, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 456.

Nº. 56, ♀, Kali Angkee, Batavia, 25 January 1908.

Malay name: tilil; sundaic name: tilil laoet; javanese name: trinil sěgoro.

Pisobia minuta ruficollis (Pallas).

Trynga ruficollis Pallas, Reis. Russ. Reichs, III, 1776, p. 700.

Limonites ruficollis, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 545.

Nºs. 715, 716, ♂ ♀, Moeara Karang, Batavia, 17 November 1908.

Malay name: tilil.

Specimens in winter plumage. Their wings measure 102 and 104 mm.; middle toe and claw 19 mm.

Glottis littorea (L.).

Tringa littorea Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 149.

Glottis nebularius, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 481.

Nºs. 767, 769, ♀ ♂, shore near Kramat, Batavia, 30 November 1908.

— 768, ♀, Moeara Karang, Batavia, 21 November 1908.

Native name: tjërik.

Totanus totanus eurhinus Oberholser.

Totanus totanus eurhinus Oberholser, Proc. U. S. Nat. Mus. XXII, 1900, p. 207.

Nºs. 581, 582, 583, ♀ ♀ ♀, Moeara Karang, Batavia, 19—22 September 1908.

This is a larger form of *Totanus totanus* (L.), inhabiting Central- and Eastern Asia. Bill 43—48, wing 160—167, tarso-met. 48—51 mm. The colour of the feet is, surely wrongly, indicated as being yellow; the birds are, it must be said, collected by native hunters.

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Totanus glareola (L.).

Tringa glareola Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 149.

Rhyacophilus glareola, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 491.

N^{os}. 500, 501, ♀♀, Moeara Karang, Batavia, 12 August 1908.

— 502, ♀, Pësing near Batavia, 13 August 1908.

— 713, 714, ♀ ♂, Djëlambar, Batavia, 9 November 1908.

Malay name: tilil; javanese name: trilil.

Numenius arquata madagascariensis (L.).

Scolopax madagascariensis Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 242.

Numenius arquatus lineatus, Seeböhm, Geogr. distr. Charadriidae, 1888, p. 324.

Numenius arquatus, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 340 (partim).

N^{os}. 761, 762, ♂♀, shore near Kramat, Batavia, 1 December and 30 November 1908.

Malay name: patok bessie.

These two birds, as well as seven other specimens from Java in the collection of the Leyden Museum, agree in every respect with two examples from Madagascar and one from Nepal in the same collection, in having the longitudinal streaks on the foreneck and breast very narrow, the axillaries pure white, only rarely with a black shaft-stripe at the distal end and in having rump and upper tailcoverts pure white, the latter having sometimes narrow black shaft-streaks. Also the under tailcoverts are pure white, or with only very narrow black shaft-streaks. Specimens from South-eastern Africa (Delagoa Bay) and from the Cape Colony resemble specimens from the above-named localities. The curlews from all the above-named localities are wintering birds of the form which breeds in Siberia and which differs from the European curlew by the given characters. The first name of the Siberian curlew is *Scolopax madagascariensis* L., 1766, named after Brisson's Courly de Madagascar, *Numenius madagascariensis* (Ornith. V, 1760, p. 321, pl. 28), a young specimen from Madagascar.

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Numenius phaeopus variegatus (Scopoli).*Tantalus variegatus* Scopoli, Del. Flor. et Faun. Insubr. II, 1786, p. 92.*Numenius phaeopus*, subsp. α *Numenius variegatus*, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 361.

N°. 646, ♂, Moeara Karang, Batavia, 17 November 1908.

— 756, 757, 758, 759, 760, 4 ♂♂ and 1 ♀, shore near Kramat and at Moeara Karang, 21—30 November 1908.

Malay name: srindit.

Rostratula capensis (L.).*Scolopax capensis* Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 246.*Rostratula capensis*, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 683.

N°. 27, ♀, Tandjong Priok, Batavia, 1 November 1907.

Malay name: blèkek.

PARRIDAE.

Metopidius indica (Latham).*Parra indica* Latham, Ind. Orn. II, 1790, p. 765.*Metopidius indicus*, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 72.

Nos. 616, 617, 618, 619, 620, 621, ♂♂ and ♀♀, ad. and juv., Rawa Gempol, Krawang, 3 October 1908.

Malay name: boeroeng tiker, and, at Tjabang boengin, andjing andjingan

Hydrophasianus chirurgus (Scopoli).*Tringa chirurgus* Scopoli, Del. Flor. et Faun. Insubr. II, 1786, p. 92.*Hydrophasis chirurgus*, Sharpe, Cat. B. Br. M. XXIV, 1896, p. 69.

N°. 763, ♀, Rawa Plawat, Tangerang, 27 November 1908.

— 764, ♀, Rawa Kangkoeng, Tangerang, 28 November 1908.

— 765, ♀, Rawa Plawat, Tangerang, 1 December 1908.

Malay name: mejongan.

Specimens in winter dress.

LARIDAE.

***Sterna minuta sinensis* Gmelin.**

Sterna sinensis Gmelin, Syst. Nat. I, 1789, p. 608. — Saunders, Cat. B. Br. M. XXV, 1896, p. 113.

Nº. 553, ♂, Rawa Gempol, Krawang, 8 October 1908.

Malay name: dara laoet.

Specimen in winter dress. The shafts of the outer primaries are white. In the collection of the Museum are also specimens from Java of the little tern, having the shafts of the outer primaries dark brownish and being not distinct from the western *Sterna minuta* L.

***Sterna melanauchen* Temminck.**

Sterna melanauchen Temminck, Pl. col. 427, 1827. — Saunders, Cat. B. Br. M. XXV, 1896, p. 126.

Nºs. 254, 255, not sexed, Verlaten Eiland, Krakatau, 7 May 1908.

One female from spirits, Verlaten Eiland, Krakatau, May 1908.

Specimens in full breeding plumage.

***Sterna dougalli* Montagu.**

Sterna dougalli Montagu, Orn. Dict. Suppl. 1813. — Saunders, Cat. B. Br. M. XXV, 1896, p. 70.

Nº. 256, not sexed, Verlaten Eiland, Krakatau, 7 May 1908.

One male from spirits, Verlaten Eiland, Krakatau, May 1908.

Two adult specimens in breeding plumage. Wings 221 and 228 mm. The bill in both specimens is black.

***Sterna bergii pelecanoides* King.**

Sterna pelecanoides King, Survey int. Austr., II, 1826, p. 422.

Sterna bergii, Saunders, Cat. B. Br. M. XXV, 1896, p. 89.

Nº. 552, ♀, Rawa Gempol, Krawang, 5 October 1908.

Malay name: dara laoet.

This specimen is not in breeding plumage. The mantle is rather pale grey, washed with dark ashy. Wing 340 mm.

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Gelochelidon nilotica (Hasselquist).

Sterna nilotica Hasselquist, Reise nach Paläst. 1762, p. 325.

Gelochelidon anglica, Saunders, Cat. B. Br. M. XXV, 1896, p. 25.

N^{os}. 548, 549, 550, 551, ♂♂♀♀, Rawa Gempol, Krawang, 5 and 8 October 1908.

Malay name: dara laoet.

Specimens in winter plumage.

COLUMBIDAE.

Osmotreron vernans (L.).

Columba vernans Linnaeus, Mant. 1771, p. 526.

Osmotreron vernans, Salvadori, Cat. B. Br. M. XXI, 1893, p. 60.

N^{os}. 542, 544, 545, ♀♂♂, Tana Tinggi, Krawang, 3—4 October 1908.

— 540, 541, 543, ♂♂♂, Boengin, Krawang, 6 October 1908.

Malay name: katik; javanese name: walik.

Ptilinopus melanocephala (Forster).

Columba melanocephala Forster, Ind. Zool. 1781, p. 16, t. VII.

Ptilopus melanocephalus, Salvadori, Cat. B. Br. M. XXI, 1893, p. 142.

N^o. 597, ♀, Moeara Karang, Batavia, 22 September 1908.

Malay name: katik or gaok.

Chalcophaps indica (L.).

Columba indica Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 164.

Chalcophaps indica, Salvadori, Cat. B. Br. M. XXI, 1893, p. 514.

N^o. 200, not sexed, Krakatau, 4 May 1908.

— 332, ♀, Pasir Djétakek, Goenoeng Karang, Bantam, 29 August 1908.

Malay name: delimoekan; sundaic name: limoekeum.

Macropygia ruficeps (Temminck).

Columba ruficeps Temminck, Pl. col. 561, 1835.

Macropygia ruficeps, Salvadori, Cat. B. Br. M. XXI, 1893, p. 360.

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- Nº. 360, ♂, Tji Passoh, Goenoeng Karang, Bantam, 25 August 1908.
 — 358, 362, 363, ♀ juv. ♂ ♂, Toeroes Batoe, Goenoeng Karang, Bantam, 27 August 1908.
 — 359, 361, ♂ ♂, Pasir Batang, Goenoeng Karang, Bantam, 30 August 1908.

Sundaic name: koereuw.

Macropygia tenuirostris emiliana Bonaparte.

Macropygia emiliana Bonaparte, Consp. Av. II, 1854, p. 58. — Salvadori, Cat. B. Br. M. XXI, 1893, p. 347.

- Nºs. 219, 220, 221, ♀♀ ♂, Palaboean Ratoe, Wijnkoopsbaai, 11—12 March 1908.

Sundaic name: oentjal.

Geopelia striata (L.).

Columba striata Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 282.
Geopelia striata, Salvadori, Cat. B. Br. M. XXI, 1893, p. 458.

- Nº. 28, ♀, Tandjong Priok, 24 November 1907.
 — 181, 182, not sexed, Buitenzorg, 26 April 1908.

Native name: perkoetoet.

CUCULIDAE.

Cuculus canorus intermedius Vahl.

Cuculus intermedius Vahl, Skriv. af Nat. Selsk. Kjöbenhavn, IV, 1797, p. 59. — Shelley, Cat. B. Br. M. XIX, 1891, p. 252.
Cuculus saturatus Hodgson, Journ. As. Soc. of Bengal, Calcutta, XII, 1843, p. 942. — Blanford, Faun. Br. Ind. Birds, III, 1895, p. 207.

- Nº. 237, ♂, Palaboean Ratoe, Wijnkoopsbaai, 24 March 1908.

Sundaic name: djalak singga.

Nearly fully adult male. Wing 208 mm.

This subspecies is the form, which occurs on Java and other isles of the Malay Archipelago. The birds recorded from these localities under the name of *Cuculus canorus* belong to this form. *Cuculus poliocephalus* Latham, which

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occurs also on Java and in other parts of the Archipelago, seems to be a good species and not a subspecies of *Cuculus canorus*, as it is breeding in the same localities as the subspecies *intermedius*.

***Penthoceryx sonnerati pravata* (Horsfield).**

Cuculus pravata Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 179.

Cuculus sonnerati, Shelley, Cat. B. Br. M. XIX, 1891, p. 262.

Nº. 108, ♂, Batavia, 22 December 1907.

— 317, ♂ juv., Depok, Batavia, 19 June 1908. .

— 528, ♀, Tomang near Batavia, 5 August 1908.

Sundaic name: sit antjoeing; javanese name: prit gantil;
malay names: tinggal anak and dëdasie or këdassie.

***Cacomantis merulinus* (Scopoli).**

Cuculus merulinus Scopoli, Del. Flor. et Faun. Insubr. II, 1786, p. 89.

Cacomantis merulinus, Shelley, Cat. B. Br. M. XIX, 1891, p. 268
(partim). — Finsch, Notes Leyden Mus. XXII, 1900—'01, p. 89.

Nº. 109, ♂, Batavia, 14 January 1908.

— 110, ♂, Batavia, 9 February 1908.

— 192, ♂ juv., Batavia, 18 March 1908.

— 787, ♀ juv., Rawa Kangkoeng, Tanggeran, 28 November 1908.

Native names like those of *Penthoceryx sonnerati pravata*. The name given to this bird by the colonists is „Piet van Vliet”.

***Cacomantis sepulcralis* (S. Müller).**

Cuculus sepulcralis S. Müller, Verh. Land- en Volkenk. 1839—44, p. 177.

Cacomantis sepulcralis, Finsch, Notes Leyden Mus., XXII, 1900—'01, p. 82.

Nº. 1, ♂, Goenoeng Salak, 3 November 1907.

Native names like those of *C. merulinus*.

***Surniculus lugubris* (Horsfield).**

Cuculus lugubris Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 179.

Surniculus lugubris, Shelley, Cat. B. Br. M. XIX, 1891, p. 227.

Nº. 717, ♀, Rawa Boeaja, Batavia, 16 November 1908.

Malay name: këdassie.

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Chalcococcyx lucidus malayanus (Raffles).

Cuculus malayanus Raffles, Trans. Linn. Soc. London, XIII, 1822, p. 286.

Chalcococcyx malayanus, Shelley, Cat. B. Br. M. XIX, 1891, p. 298.

- Nº. 47, ♂, Moeara Antjol near Batavia, 15 December 1907.
 — 596, ♂, Batavia, 26 September 1908.
 — 602, ♂, Batavia, 14 October 1908.
 — 710, ♂, Moeara Karang near Batavia, 17 November 1908.
 — 786, ♂, Rawa Këpoeh, Tanggeran, 26 November 1908.
 Malay name: kédassie laoet.

Rhinococcyx curvirostris (Shaw & Nodder).

Cuculus curvirostris Shaw & Nodder, Nat. Misc. pl. 905.

Rhinococcyx curvirostris, Shelley, Cat. B. Br. M. XIX, 1891, p. 397.

- Nº. 4, ♂, Depok, Batavia, 6 December 1907.
 — 271, ♀, Goenoeng Salak, 25 July 1908.

Sundaic name: lontrok; javanese name: mëndoe.

Zanclostomus javanicus (Horsfield).

Phoenicophaeus javanicus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 178.

Zanclostomus javanicus, Shelley, Cat. B. Br. M. XIX, 1891, p. 380.

- Nºs. 238, 239, 240, ♀ ♂ ♀, Palaboean Ratoe, Wijnkoopsbaai, 21—29 March 1908.

Sundaic name: lontrok tēgal.

Centropus bengalensis javanicus (Dumont).

Cuculus javanicus Dumont, Dict. Sc. Nat. XI, 1818, p. 144.

Centropus javanicus, Shelley, Cat. B. Br. M. XIX, 1891, p. 354.

- Nº. 331, ♀, Pasir Djétakek, Goenoeng Karang, Bantam, 29 August 1908.
 — 524, ♂, Bekassie, Krawang, 9 August 1908.
 — 525, ♀, Moeara Karang, Batavia, 14 August 1908.
 — 649, ♀, Batavia, 13 November 1908.

Malay name: boeboet; sundaic name: doedoet.

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Centropus sinensis (Stephens).

Polophilus sinensis Stephens, Gen. Zool. IX, 1815, p. 51.

Centropus sinensis, Shelley, Cat. B. Br. M. XIX, 1891, p. 343.

Nº. 634, ♀, Rawa Gempol, Krawang, 2 October 1908.

Malay name: boeboet.

Centropus nigrorufus (Cuvier).

Cuculus nigrorufus Cuvier, Règne Anim. I, 1817, p. 426.

Centropus purpureus Shelley, Cat. B. Br. M. XIX, 1891, p. 348, pl. XIII.

Nº. 633, ♀, Galian, Krawang, 3 October 1908. Iris red, bill and feet black.

Malay name: boeboet.

We possess 9 other specimens from Western- and Eastern Java.

PSITTACIDAE.

Palacornis javanicus (Osbeck).

Psittacus javanicus Osbeck, Forster, English edition of Osbeck's It. Ind. Orn. I, 1771, p. 156.

Palacornis alexandri, Salvadori, Cat. B. Br. M. XX, 1891, p. 468.

Nº. 114, ♀, Batavia, 9 January 1908.

— 526, ♂, Tomang near Batavia, 6 August 1908.

— 527, ♂, Pësing near Batavia, 13 August 1908.

Malay and javanese name: betet; sundaic name: ekek.

CORACIIDAE.

Eurystomus orientalis (L.).

Coracias orientalis Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 159.

Eurystomus orientalis, Sharpe, Cat. B. Br. M. XVII, 1892, p. 33, pl. II, fig. 1.

Nº. 236, ♀, Palaboean Ratoe, Wijnkoopsbaai, 23 March 1908.

Sundaic name: bëbejjak.

ALCEDINIDAE.

***Alcedo meninting* Horsfield.**

Alcedo meninting Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 172. — Sharpe, Cat. B. Br. M. XVII, 1892, p. 157.

Nº. 135, ♀, Batavia, 9 February 1908.

— 683, 684, ♀ ♂, Padëmangan, Batavia, 21 November 1908.

— 782, 783, ♂ ♀, Moeara Karang, Batavia, 21 November 1908.

Malay names: radja oedang and patok oedang; sundaic name: manoeck hoerang.

***Alcedo beryllina* Vieillot.**

Alcedo beryllina Vieillot, Nouv. Dict. d'Hist. Nat. XIX, 1818, p. 414. — Sharpe, Cat. B. Br. M. XVII, 1892, p. 161.

Nº. 505, ♂, Pësing near Batavia, 11 August 1908.

— 776, 780, ♂ ♂, Rawa Plawat, Tanggeran, 27 November 1908.

— 777, 779, ♀ ♂, Rawa Kangkoeng, Tanggeran, 28 November 1908.

— 778, 781, ♂ ♀, Moeara Karang, Batavia, 21 November 1908.

Malay name: patok oedang.

***Ceyx rufidorsa innominata* Salvadori.**

Ceyx innominata Salvadori, Atti R. Accad. Torino, IV, 1869, p. 465. — Sharpe, Cat. B. Br. M. XVII, 1892, p. 180.

Ceyx rufidorsa innominata, Hartert, Nov. Zool. IX, 1902, p. 431.

Nº. 327, ♀, Pasir Koppoh, Goenoeng Karang, 28 August 1908.

Malay name: patok oedang; sundaic name: hoerang.

***Ramphalcyon capensis* (L.).**

Alcedo capensis Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 180. (Ex Brisson).

Pelargopsis fraseri Sharpe, Proc. Zool. Soc. London, 1870, p. 65.

Pelargopsis gural, subsp. ♀ *Pelargopsis fraseri*, Sharpe, Cat. B. Br. M. XVII, 1892, p. 106.

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- Nos. 534, 538, 615, ♀ ♂ ♂, Soengei Asem, Krawang, 5 October 1908.
 — 535, 536, 614, ♂ ♂ ♀, Boengin, Krawang, 6 October 1908.
 — 537, 539, ♀ ♂, Soengei Pakis, Krawang, 4 October 1908.

Malay name: tjëkakak.

There is no doubt that „le Martin-pescheur du Cap de Bonne Espérance” of Brisson (Ornith. IV, 1760, p. 488), upon which Linnaeus founded his *Alcedo capensis*, is the same species as that, which Sharpe named in 1870 *Pelargopsis fraseri*. Though the name is not in keeping with the habitat of the species, yet it must be used. The nomenclature of the species of the genus *Ramphalcyon*, as proposed by Mr. Oberholser (Proc. U. S. Nat. Mus. Washington, XXXV, 1909, p. 657) is not entirely correct, in some cases he is wrong in naming the subspecies and I believe that the number of subspecies he recognizes, is too large. The subspecies which inhabits Borneo is called by Sharpe *Pelargopsis leucocephala* (Gmelin) and by Oberholser *Ramphalcyon capensis javana* (Boddaert). Gmelin based his species upon „le martin-pêcheur à tête et cou couleur de paille” of Buffon (Hist. Nat. Ois. VII, 1780, p. 190) and upon the coloured plate of „le martin-pêcheur de Java” of Daubenton (Pl. enl. 757). If the bornean form and Buffon’s bird were the same, than this form must be called *javana*, as Boddaert before Gmelin has named the bird mentioned by Buffon *Alcedo javana* (Table Pl. enl. 1783, p. 47). But the description by Buffon as well as the coloured plate by Daubenton clearly show, that the bornean form can not be meant here, the only form to which the description and also the plate are applicable is the pale form of the south eastern and central Philippine Islands, which is described in 1874 by Walden as *Pelargopsis gigantea*. The form from these parts of the Philippine Islands must bear the name *javana* Boddaert; it is a miserable fact that a Philippine bird has

the epithet *javana* and a bird from Java that of *capensis*, but the law of priority requires this. The form inhabiting Borneo requires a new name; I propose to call it *innominata*.

The material of *Ramphalcyon* in the Leyden Museum consists of the following forms:

Ramphalcyon capensis (L.).

Wings, scapulars, upper back and tail dull greenish with a faint bluish tinge. Crown of head ashy grey. Under surface pale ochre. Restricted to Java.

26 specimens from Western Java.

Ramphalcyon capensis malaccensis Sharpe.

Upper parts much more bluish. Crown of head darker ashy brown. Under surface deep ochre.

11 specimens from North-eastern and Western Sumatra, 3 from Banka, 2 from Billiton.

Ramphalcyon capensis burmanica Sharpe.

Upper parts dull greenish. Crown of head more or less dark ashy. Under parts deep ochre.

1 specimen from Siam, 1 from Tenasserim, 1 from Port Blair, Andamans.

Ramphalcyon capensis gurali (Pearson).

Upper parts dull greenish with more or less blue tinge. Crown of head dark brown. Under parts paler than in *burmanica*.

3 specimens from Ceylon, 1 from Nepal.

Ramphalcyon capensis innominata nom. nov. (*Pelargopsis leucocephala*, Sharpe, Cat. B. Br. M. XVII, 1892, p. 98. — *Ramphalcyon capensis javana*, Oberholser, Proc. U. S. Nat. Mus. Washington, XXXV, 1909, p. 665).

Upper parts distinctly blue with only a faint green lustre. Crown of head ochre, somewhat paler than the neck and the under parts, which are deeper ochre. In young birds the crown of the head is dull ashy brown.

11 specimens from Southern and North-eastern Borneo.

Ramphalcyon capensis gouldi Sharpe.

Upper parts greenish with a faint blue tinge. Crown of head, neck and under parts deep ochre.

1 specimen from Palawan.

Ramphalcyon capensis javana (Boddaert). (*Pelargopsis gigantea* Walden, Ann. and Mag. Nat. Hist. XIII, 1874, p. 123).

Upper parts greenish with a faint blue tinge. Crown of head in old

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birds whitish, in young ones ashy brown. Under parts very pale ochraceous buff.

2 specimens from the Philippines (Samar and Mindanao).

Ramphalcyon amauroptera (Pearson).

2 specimens from Sumatra(!), 2 from Salanga, 1 from the mouth of the Irawadi.

The evidence is, that the locality Sumatra is erroneous. No other examples have been recorded from that island.

Ramphalcyon melanorhyncha (Temminck).

13 specimens from North Celebes.

Ramphalcyon melanorhyncha eutreptorhyncha (Hartert).

4 specimens from Soela Mangoli, 1 from Soela Bessi.

Halcyon chloris (Boddaert).

Alcedo chloris Boddaert, Table Pl. enl. 1783, p. 49.

Halcyon chloris, Sharpe, Cat. B. Br. M. XVII, 1892, p. 273.

Nº. 15, ♀, Tandjong Priok, 1 November 1907.

— 116, ♂, Batavia, 22 December 1907.

— 503, 504, ♂ ♀, Tamang near Batavia, 6 August 1908.

— 678, ♂, Rawa Boeaja, Batavia, 16 November 1908.

— 679, ♂, Padëmangan, Batavia, 21 November 1908.

Malay name: tengkek; sundaic name: kahkeh.

Halcyon sanctus Vigors & Horsfield.

Halcyon sanctus Vigors & Horsfield, Trans. Linn. Soc. London, XV, 1826, p. 206. — Sharpe, Cat. B. Br. M. XVII, 1892, p. 267.

Nºs. 590, 591, 592, 593, 594, 595, ♂ ♂ ♀ ♀, Mocara Karang, Batavia, 21 and 22 September 1908.

Malay name: tengkek.

Halcyon coromanda (Latham).

Alcedo coromanda Latham, Ind. Orn. I, 1790, p. 252.

Halcyon coromandus, Sharpe, Cat. B. Br. M. XVII, 1892, p. 217.

Nº. 599, ♂, Mocara Karang, Batavia, 22 September 1908.

Malay name: radja oedang.

Halcyon cyanoventris (Vieillot).

Alcedo cyanoventris Vieillot, Nouv. Dict. d'Hist. Nat. XIX, 1818, p. 412. — Sharpe, Cat. B. Br. M. XVII, 1892, p. 228.

Nº. 235, ♂, Palaboean Ratoe, Wijnkoopsbaai, 31 March 1908.
— 677, ♀, Koneng, Batavia, 10 November 1908.

Javanese name: tjoetjog oerang; sundaic name: kakah goenoeng; malay name: radja oedang.

MEROPIDAE.

Melittophagus leschenaulti (Vieillot).

Merops leschenaulti Vieillot, Nouv. Dict. d'Hist. Nat. XIV, 1817, p. 17.

Melittophagus leschenaulti, Sharpe, Cat. B. Br. M. XVII, 1892, p. 55.

Nº. 20, ♂, Tandjong Priok, 24 November 1907.
— 67, 68, 69, ♀♀♀, Batavia, 24—25 January 1908.
— 231, ♂, Palaboean Ratoe, Wijnkoopsbaai, 31 March 1908.
— 675, ♀, Djélambar, Batavia, 9 November 1908.
— 784, 785, ♂♂, Batavia, 20 November 1908.

Malay name: lajang lajang laoet; sundaic name: troelik.

Merops philippinus L.

Merops philippinus Linnaeus, Syst. Nat. Ed. XIII, I, 1767, p. 183.

— Sharpe, Cat. B. Br. M. XVII, 1892, p. 71.

Nº. 521, ♀, Bekassie, Krawang, 9 August 1908.
— 668, 676, ♀♀, Batavia, 11 November 1908.
— 669, 670, 671, 672, 673, ♂♂♀♀♀, Rawa Boeaja, Batavia, 16 November 1908.
— 674, ♂, Djélambar, Batavia, 9 November 1908.

Malay name: birrik-birrik or berriek-berriek.

BUCEROTIDAE.

Buceros rhinoceros silvestris Vieillot.

Buceros silvestris Vieillot, Nouv. Dict. d'Hist. Nat. IV, 1816, p. 592.

— Ogilvie-Grant, Cat. B. Br. M. XVII, 1892, p. 354.

Two heads, Palaboean Ratoe, Wijnkoopsbaai, March 1908.

Javanese name: rangkok.

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STRIGIDAE.

Scops lempiji Horsfield.

Scops lempiji Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 140.

— Sharpe, Cat. B. Br. M. II, 1875, p. 91.

N^os. 60, 61, 62, ♂ ♂ ♀, Batavia, 22—24 December 1907.

— 63, ♂, Batavia, 10 January 1908. •

Malay name: tjelëpoek; sundaic name: boewëk.

Glaucidium castanoptera (Horsfield).

Strix castanoptera Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 140.

Glaucidium castanopterum, Sharpe, Cat. B. Br. M. II, 1875, p. 216.

N^o. 324, ♀, Soemoer Toedjoe, Goenoeng Karang, Bantam, 7 September 1908.

Sundaic name: kerrong kerrong.

Strix flammca javanica Gmelin.

Strix javanica Gmelin, Syst. Nat. I, 1789, p. 295.

Strix flammca, Sharpe, Cat. B. Br. M. II, 1875, p. 291.

N^o. 29, ♀, Moeara Antjol near Batavia, 8 December 1907.

— 333, 334, ♀ ♂, Moendoe, Goenoeng Karang, Bantam, 6 September 1908.

Malay names: tjelëpoek and sërak; sundaic names: hingikik and boewëk.

CAPRIMULGIDAE.

Caprimulgus affinis Horsfield.

Caprimulgus affinis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 142. — Hartert, Cat. B. Br. M. XVI, 1892, p. 549. — Id.

Tierr. Caprim. 1897, p. 50.

N^o. 506, ♂, Moeara Karang near Batavia, 12 August 1908

Malay name: tjabak.

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MACROPTERYGIDAE.

Macropteryx longipennis (Rafinesque).

Hirundo longipennis Rafinesque, Bull. Sc. Soc. Philom. Paris, n°. 68, III, 1803, p. 153.

Macropteryx longipennis, Hartert, Cat. B. Br. M. XVI, 1892, p. 514.

— Id. Tierr. Macropt. 1897, p. 64.

N°. 167, ♂, Batavia, 28 February 1908.

— 427, 429, 431, ♀ ♂ ♂, Bodjong Rangkong, Goenoeng Karang, Bantam, 2 September 1908.

— 428, 430, 432, ♂ ♀ ♂, Pasir Djetakek, Goenoeng Karang, Bantam, 29 August 1908.

— 515, 516, ♂ ♀, Bekassie, Krawang, 8 August 1908.

Malay names: salawiti and kēpinis bēsar; sundaic names: pērie kētipil and sapain.

In the living bird the crest is erected (Jacobson).

TROGONIDAE.

Pyrotrogon oreskios (Temminck).

Trogon oreskios Temminck, Pl. col. 181, 1823.

Harpactes oreskios, Ogilvie-Grant, Cat. B. Br. M. XVII, 1892, p. 494.

N°. 252, ♀, Palaboean Ratoe, Wijnkoopsbaai, 19 March 1908.

Sundaic name: omjjang leuweung.

CAPITONIDAE.

Xantholaema australis (Horsfield).

Bucco australis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 181.

Megalaima australis, Goffin, Mus. Pays-Bas, Buccones, 1863, p. 29.

Xantholaema australis, Shelley, Cat. B. Br. M. XIX, 1891, p. 94.

N^{os} 225, 226, 227, 228, 229, 3 ♂ ♂, 2 ♀ ♀, Palaboean Ratoe, Wijnkoopsbaai, 13—29 March 1908.

— 445, ♂ juv., Pasir Salam, Goenoeng Karang, Bantam, 5 September 1908.

— 446, 447, ♂ ♂, Pasir Eurih, Goenoeng Karang, Bantam, 31 August 1908.

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N^o 448, ♂ juv., Soemoer Toedjoe, Goenoeng Karang, Bantam, 7 September 1908.

Sundaic name: tjangtjarang.

Xantholaema roseus (Dumont).

Bucco roseus Dumont, Dict. Sc. Nat. IV, 1806, p. 52.

Megalaima rosea, Goffin, Mus. Pays-Bas, Buccones, 1863, p. 27.

Xantholaema rosea, Shelley, Cat. B. Br. M. XIX, 1891, p. 96.

N^{os}. 32, 33, 34, 35, 36, 37, 5 ♂♂, 1 ♀, Batavia, 10 December 1907.

— 376, 380, ♂♀ juv., Toeroes Batoe, Goenoeng Karang, Bantam, 11 September 1908.

— 377, 379, ♂♂, Pagger Batoe, Goenoeng Karang, Bantam, 3 September 1908.

— 378, ♂, Pasir Salam, Goenoeng Karang, Bantam, 12 September 1908.

— 711, ♂ juv., Pademangan, Batavia, 21 November 1908.

Sundaic name: oengkoet; malay name: enkoek.

Chotorhea javensis (Horsfield).

Bucco javensis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 181.

Megalaima javensis, Goffin, Mus. Pays-Bas, Buccones, 1863, p. 19.

Chotorhea javensis, Shelley, Cat. B. Br. M. XIX, 1891, p. 56.

N^{os}. 213, 214, 215, 216, ♀♀♀♀, Palaboean Ratoe, Wijnkoopsbaai, 17—30 March 1908.

— 484, ♂, Tjipassoh, Goenoeng Karang, Bantam, 25 August 1908.

— 485, ♂, Toeroes Batoe, Goenoeng Karang, Bantam, 27 August 1908.

Sundaic names: toeloengtoempoek and bënteloeck; malay name: tēloengtoempoek.

Cyanops armillaris (Temminck).

Bucco armillaris Temminck, Pl. col. 89, f. 1, 1823.

Megalaima armillaris, Goffin, Mus. Pays-Bas, Buccones, 1863, p. 22.

Cyanops armillaris, Shelley, Cat. B. Br. M. XIX, 1891, p. 66.

Notes from the Leyden Museum, Vol. XXXII.

- Nº. 278, ♀, Goenoeng Salak, 22 July 1908.
 — 279, ♂, Goenoeng Salak, 26 July 1908.
 — 486, 487, 488, ♀♀♂, summit of Goenoeng Karang, Bantam, 26 August 1908.

Malay name: boeltok; sundaic name: tërolok.

The call, uttered by this bird, is the word „boeltok”, with the accent on the first syllable; the call is uttered clearly and repeated numberless times (Jacobson).

Cyanops lineatus (Vieillot).

Capito lineatus Vieillot, Nouv. Dict. d'Hist. Nat. IV, 1816, p. 500.

Megalaima viridis, Goffin, Mus. Pays-Bas, Buccones, 1863, p. 32.

Cyanops lineata, Shelley, Cat. B. Br. M. XIX, 1891, p. 80.

- Nº. 134, ♀, Batavia, 7 February 1908.
 — 217, ♀, Palaboean Ratoe, Wijnkoopsbaai, 18 March 1908.
 — 788, 789, ♂♀, Kampong Kajoe poeti, Tanggeran, 28 November 1908.

Javanese name: manòek boetoe; sundaic name: bëtoe-toet; batavian name: goetok; malay name: koetoe.

PICIDAE.

Dendrocopus analis (Horsfield).

Picus analis Horsfield, Zool. Research. Java, 1824. (Ex Temminck).

Dendrocopus analis, Hargitt, Cat. B. Br. M. XVIII, 1890, p. 266.

- Nº. 2, ♂, Goenoeng Pantjar near Buitenzorg, 2 November 1907.
 — 76, 77, 78, 80, ♂♂♀♀, Batavia, 22 December 1907.
 — 295, ♀, Goenoeng Salak, 23 July 1908.

Malay name: platoek; sundaic name: tjeladi.

Yungipicus auritus (Eyton).

Tripsurus auritus Eyton, Ann. and Mag. Nat. Hist. XVI, 1845, p. 229.

Yungipicus auritus, Hargitt, Cat. B. Br. M. XVIII, 1890, p. 325.

- Nº. 75, ♀, Kali Angkee, Batavia, 25 January 1908.
 — 79, ♀, Batavia, 20 December 1907.
 — 719, ♂, Tjengkareng, Batavia, 18 November 1908.

Malay name: platoek or platoek bawang.

Notes from the Leyden Museum, Vol. XXXII.

Micropternus brachyurus (Vieillot).

Picus brachyurus Vieillot, Nouv. Dict. d'Hist. Nat. XXVI, 1818, p. 103.

Micropternus phaeocephus, subsp. α *Micropternus brachyurus*, Hargitt, Cat. B. Br. M. XVIII, 1890, p. 396.

Nº. 280, ♂, Goenoeng Salak, 22 July 1908.

Malay name: platoek; sundaic name: tjeladi.

Tiga javanensis (Ljung).

Picus javanensis Ljung, Mém. Acad. Roy. Stockholm, XVIII, 1797, p. 134, pl. 6.

Tiga javanensis, Hargitt, Cat. B. Br. M. XVIII, 1890, p. 412.

Nº. 81, ♀, Batavia, 16 January 1908.

— 82, ♂, Batavia, 15 January 1908.

— 518, 519, ♂ ♀, Pësing near Batavia, 11 August 1908.

— 659, ♂, Soenter, Batavia, 20 November 1908.

Malay name: platoek koendang and platoek bawang;
sundaic name: tjeladi koendang.

Of this woodpecker a medicine is made for high-born persons (Sultans, Pangèrans and other grandees of the court); of the burnt feathers a hair-wash is made; the dried flesh etc. is cooked and eaten, and prevents illness and distress (Jacobson).

Gecinus puniceus (Horsfield).

Picus puniceus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 176.

Gecinus puniceus, Hargitt, Cat. B. Br. M. XVIII, 1890, p. 64.

Nºs. 474, 475, ♂ ♀, Toeroes Batoe, Goenoeng Karang, Bantam, 27 August 1908.

Sundaic name: tjeladie.

EURYLAIMIDAE.

Eurylaimus javanicus Horsfield.

Eurylaimus javanicus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 170.

Eurylaemus javanicus, Sclater, Cat. B. Br. M. XIV, 1888, p. 463.

Notes from the Leyden Museum, Vol. XXXII.

Nº. 319, ♀, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

Only the form of Java belongs to *javanicus* Horsfield; specimens from other places belong to a distinct subspecies, *E. j. harterti* Van Oort, Notes Leyden Museum, XXXI, 1909, p. 209. Mr. Jacobson informs me, that in the living bird the bill was wholly light blue; in the dry skin it is black with yellow spots on the upper mandible.

PITTIDAE.

***Eucichla cyanurus* (Boddaert).**

Turdus cyanurus Boddaert, Table Pl. enl. 1783, p. 21.

Eucichla cyanura, Selater, Cat. B. Br. M. XIV, 1888, p. 445.

Nº. 115, ♀, Batavia, 9 January 1908.

— 532, 533, ♂♂, Tamang near Batavia, 5 and 6 August 1908.

Two specimens, apparently females, Batavia, August 1908.
(In spirits).

Malay names: kědoewong and paok; sundaic name: sri bombo.

ALAUDIDAE.

***Mirafrja javanica* Horsfield.**

Mirafrja javanica Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 159. — Sharpe, Cat. B. Br. M. XIII, 1890, p. 602.

Nºs. 126, 127, ♂♂, Batavia, 1—9 February 1908.

— 160, 162, ♀♀, Batavia, 19—26 February 1908.

Sundaic name: brandjangan; malay name: boeroeng padi padi.

MOTACILLIDAE.

***Motacilla boarula melanope* Pallas.**

Motacilla melanope Pallas, Reise Russ. Reichs, III, 1776, p. 696.

Motacilla boarula melanope, Hartert, Vög. Pal. Faun. Heft III, 1905, p. 300.

Notes from the Leyden Museum, Vol. XXXII.

- N^{os}. 352, 356, ♀♀, Moendoe, Goenoeng Karang, Bantam, 6 September 1908.
 — 353, 357, ♀♀, Pasir Eurih, Goenoeng Karang, Bantam, 31 August 1908.
 — 354, 355, ♂♂, Pasir Batang, Goenoeng Karang, Bantam, 30 August 1908.

Sundaic name: entoet lentjang.

These specimens are similar to specimens of *Motacilla boarula* L. from Europe, but only of smaller dimensions; wing 77—79, tail 86—94, tarso-met. 20, culmen however about 13.5 mm.

Anthus rufulus Vieillot.

Anthus rufulus Vieillot, Nouv. Dict. d'Hist. Nat. XXVI, 1818, p. 494.

— Sharpe, Cat. B. Br. M. X, 1885, p. 574.

Anthus hasselti Schlegel, Handl. Dierk. 1857, p. 263.

- N^o. 161, ♀, Batavia, 24 February 1908.

ENICURIDAE.

Hydrocichla velatus (Temminck).

Enicurus velatus Temminck, Pl. col. 160, 1823.

Hydrocichla velatus, Sharpe, Cat. B. Br. M. VII, 1883, p. 320.

- N^{os}. 302, 303, 304, ♀♂♀, Goenoeng Salak, 24—28 July 1908.

Sundaic name: memintjing këtjil.

This bird is found near streaming water, on stones in brooks (Jacobson).

TIMALIIDAE.

Timalia pileata Horsfield.

Timalia pileata Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 151.

Timelia pileata, Sharpe, Cat. B. Br. M. VII, 1883, p. 507.

- N^o. 323, ♂, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

Notes from the Leyden Museum, Vol. XXXII.

Malacocincla sepiaria (Horsfield).

Brachypteryx sepiaria Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 158.

Turdinus sepiarius, Sharpe, Cat. B. Br. M. VII, 1883, p. 544 (partim).

Malacocincla sepiaria, Büttikofer, Notes Leyden Mus. XVII, 1895—96, p. 81. — Finsch, *ibid.* XXII, 1900—'01, p. 219.

Turdinus sepiarius, var. *minor* A. B. Meyer, Zeitschr. ges. Orn. I, 1884, p. 210.

Malacocincla minor, Büttikofer, Notes Leyden Mus. XVII, 1895—96, p. 81.

Nº. 395, ♀, Tji Passoh, Goenoeng Karang, Bantam, 25 August 1908.

— 396, 398, ♂♂, Lemah Beureum, Goenoeng Karang, 4 September 1908.

— 397, ♂, Pasir Batang, Goenoeng Karang, 30 August 1908.

— 399, ♀, summit of Goenoeng Karang, 26 August 1908.

— 600, ♂, Meester Cornelis, Batavia, 24 September 1908.

Sundaic name: roejoek.

In these specimens the coloration of the head is olivaceous brown, only very slightly contrasting with that of the back; on the back a faint rufous tinge is to be observed. The longer the skins are preserved in the collection the stronger the rufous tinge on the back and on the tail becomes; also the sides of vent and the under tailcoverts become distinctly rufous. To such faded specimens belong the two birds, which Dr. Büttikofer has mentioned under the name of *Malacocincla minor* on p. 81 of volume XVII of this periodical. The strong contrast between the head and the back in these birds is only the consequence of fading. We have specimens of more recent date, which have the same dark ground-colour on the head, but in which there is not such a difference between head and back, because the head as well as the back are tinged with olivaceous and the rufous tinge on the back is still very faintly indicated. Dr. Büttikofer has already stated that a separation in a

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smaller and a larger race according to the measurements is untenable.

These six specimens measure: wing 68—73, tail 46—48, tarso-met. 25—28 mm.

***Dryocataphus capistrata* (Temminck).**

Myiothera capistrata Temminck, Pl. col. 185, f. 1, 1823.

Dryocataphus capistratus, Sharpe, Cat. B. Br. M. VII, 1883, p. 553.

N^{os}. 193, 195, ♂ ♀, Batavia, 19 April 1908.

— 461, 462, 463, ♀ ad., ♂ ♂ juv., Pasir Djetakek, Goenoeng Karang, Bantam, 29 August 1908.

— 682, ♂, Batavia, 19 November 1908.

Sundaic name: petjang or pentjang; near Batavia this bird is named kantjilan.

***Alcippe pyrrhoptera* (Bonaparte).**

Napothera pyrrhoptera Bonaparte, Consp. Av. I, 1850, p. 358. (Ex Boie in Leyden Museum).

Alcippe pyrrhoptera, Sharpe, Notes Leyden Mus. VI, 1884, p. 173.

— Vorderman, Nat. Tijdschr. Ned. Ind. XLV, 1886, p. 340. —

Finsch, Notes Leyden Mus. XXII, 1900—'01, p. 221.

Alcippe solitaria, Vorderman, Nat. Tijdschr. Ned. Ind. LX, 1901, p. 82.

N^{os}. 388, 390, ♂ ♂, summit of Goenoeng Karang, Bantam, 14 September 1908.

Sundaic name: wërgan.

***Myiophoneus flavirostris* (Horsfield).**

Turdus flavirostris Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 149.

Myiophonus metallicus Temminck, Pl. col. 170, 1823.

Myiophoneus flavirostris, Sharpe, Cat. B. Br. M. VII, 1883, p. 7.

N^o. 272, ♀, Goenoeng Salak, 30 July 1908.

Sundaic name: tjioeng moengkal.

Occurs near current water; is often seen, sitting on stones in brooks; waggles its tail, at the same time expanding it (Jacobson).

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***Pteruthius flaviscapis* (Temminck).**

Allotrius flaviscapis Temminck, Pl. col. 589, f. 1, 1835.

Ptererythrius flaviscapis, Gadow, Cat. B. Br. M. VIII, 1883, p. 116.

Nº. 326, ♀, summit of Goenoeng Karang, Bantam, 14 September 1908.

Native name: tjioe.

Lives in small flocks in woods (Jacobson).

PYCNONOTIDAE.

***Aegithina tiphia scapularis* (Horsfield).**

Iora scapularis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 152.

Aegithina tiphia, subsp. β *Aegithina scapularis*, Sharpe, Cat. B. Br. M. VI, 1881, p. 12.

Nº. 9, ♂, Depok, Batavia, 6 December 1907.

— 24, ♂, Tandjong Priok, 1 November 1907.

— 117, 118, ♂ ♀, Batavia, 12 January 1908.

Sundaic name: tjipouw; malay name: tji-tji.

***Irena puella turcosa* Walden.**

Irena turcosa Walden, Ann. and Mag. Nat. Hist. ser. 4, V, 1870 p. 417. — Sharpe, Cat. B. Br. M. III, 1877, p. 267.

Nºs. 248, 249, 250, ♂ ♂ ♂, two in full plumage, one in change, Palaboean Ratoe, Wijenkoopsbaai, 27 March 1908.

— 251, ♀, Palaboean Ratoe, 16 March 1908.

Sundaic name: doeka.

***Chloropsis nigricollis* (Vieillot).**

Philemon nigricollis Vieillot, Nouv. Dict. d'Hist. Nat. XXVII, 1818, p. 431.

Chloropsis nigricollis, Sharpe, Cat. B. Br. M. VI, 1881, p. 27.

Nº. 3, ♀, Goenoeng Pantjar near Buitenzorg, 2 November 1907.

— 65, 66, ♀ ♂ juv., Buitenzorg, 5 January 1908.

— 222, 223, 224, ♂ ♂ ♀, Palaboean Ratoe, Wijenkoopsbaai, 26—31 March 1908.

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- N^{os}. 290, 291, 292, 293, ♀♀♀♀, Goenoeng Salak, 25—28 July 1908.
 — 370, ♂, Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.
 — 372, 373, 375, ♂♀♀, Lemah Beureum, Goenoeng Karang, Bantam, 4 September 1908.
 — 371, 374, ♂♀, Pasir Passoh, Goenoeng Karang, 25 August 1908.

Sundaic name: manoeck daoen.

***Chloropsis viridis* (Horsfield).**

Turdus viridis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 148 (female).

Chloropsis viridis, Sharpe, Cat. B. Br. M. VI, 1881, p. 23.

- N^{os}. 364, 368, 369, ♂♀♀, summit of Goenoeng Karang, Bantam, 26 August 1908.
 — 365, 366, ♂♂, Pasir Batang, Goenoeng Karang, 30 August 1908.
 — 367, ♀, Pasir Lenggang, Goenoeng Karang, 1 September 1908.

Sundaic name: manoeck daoen; javanese name: tjoetjak idjoe.

***Hemixus virescens* (Temminck).**

Ixos virescens Temminck, Pl. col. 382 f. 1, 1825.

Hemixus virescens, Sharpe, Cat. B. Br. M. VI, 1881, p. 53.

- N^o. 322, not sexed, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

Sundaic name: djodjok.

***Microtarsus melanocephalos* (Gmelin).**

Lanius melanocephalos Gmelin, Syst. Nat. I, 1789, p. 309.

Micropus melanocephalus, Sharpe, Cat. B. Br. M. VI, 1881, p. 65.

- N^o. 136, not sexed, Depok, Batavia, 4 February 1908.
 — 455, 457, ♀♂, Bodjong Rangkong, Goenoeng Karang, Bantam, 2 September 1908.

Notes from the Leyden Museum, Vol. XXXII.

- N^{os}. 456, 458, ♂ ♀, summit of Goenoeng Karang, 14 September 1908.
 — 459, ♂, Tji Passoh, Goenoeng Karang, 25 August 1908.
 — 460, ♂, Toeroes Batoe, Goenoeng Karang, 27 August 1908.

Sundaic names: koeritjang and tjangkoeriling daoen.

Criniger gularis (Horsfield).

Turdus gularis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 150.

Criniger gularis, Sharpe, Cat. B. Br. M. VI, 1881, p. 78.

- N^o. 120, ♀, Buitenzorg, 5 January 1908.
 — 241, 242, 243, 244, 245, 4 ♂ ♂, 1 ♀, Palaboean Ratoe, Wijnkoopsbaai, 13 March—1 April 1908.
 — 296, ♂, Goenoeng Salak, 29 July 1908.
 — 433, 434, ♀ ♀, Tji Passoh, Goenoeng Karang, Bantam, 25 August 1908.
 — 435, ♂, Goenoeng Karang, 26 August 1908.
 — 436, 437, 438, Pasir Eurih, Goenoeng Karang, 31 August 1908.

Sundaic names: koerijis and korres; name in the Preanger: manoeck kassoh.

Trachycomus ochrocephalus (Gmelin).

Turdus ochrocephalus Gmelin, Syst. Nat. I, 1789, p. 821.

Trachycomus ochrocephalus, Sharpe, Cat. B. Br. M. VI, 1881, p. 93.

- N^o. 218, ♂, Palaboean Ratoe, Wijnkoopsbaai, 13 March 1908.

Sundaic name: tjangkoerawok; batavian name: tjitja rawa; javanese name: tjoetjak rawa.

This is a highly esteemed cage-bird (Jacobson).

Molpastes aurigaster (Vieillot).

Turdus aurigaster Vieillot, Nouv. Dict. d'Hist. Nat. XX, 1818, p. 258.

Pycnonotus aurigaster, Sharpe, Cat. B. Br. M. VI, 1881, p. 137.

- N^o. 19, ♀, Tandjong Priok, 24 November 1907.
 — 144, 145, 146, 147, 148, 3 ♂ ♂, 2 ♀ ♀, Batavia, 15—19 February 1908.
 — 708, ♀, Rawa Boeaja, Batavia, 16 November 1908.

Malay name: koetilan; sundaic name: tjangkoeriling.

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Crocopsis bimaculatus (Horsfield).

Turdus bimaculatus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 147.

Pycnonotus bimaculatus, Sharpe, Cat. B. Br. M. VI, 1881, p. 138.

N^{os}. 283, 284, 285, 286, 287, 288, 289, 5 ♂♂, 2 ♀♀,
Goenoeng Salak, 28 July—2 August 1908.

Sundaic name: koetilan mas.

Loldorusa golavfer analis (Horsfield).

Turdus analis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 147.

Pycnonotus analis, Sharpe, Cat. B. Br. M. VI, 1881, p. 140.

N^o. 31, ♂, Batavia, 10 December 1907.

— 48, ♂, Batavia, 16 December 1907.

— 121, ♀, Buitenzorg, 5 January 1908.

— 198, not sexed, Krakatau, 4 May 1908.

— 199, ♀, Batavia, 2 March 1908.

Sundaic name: tjeloetjoek; javanese names: troetoean and tjoeajak.

Loldorusa simplex (Lesson).

Pycnonotus simplex Lesson, Revue Zool. 1839, p. 167. — Sharpe, Cat. B. Br. M. VI, 1881, p. 153.

N^o. 464, ♀, Toeroes Batoe, Goenoeng Karang, Bantam, 11 September 1908.

— 465, 466, 471, ♀♀♂, Pasir Batang, Goenoeng Karang, 9 September 1908.

— 467, 472, ♂♂, Pasir Lenggang, Goenoeng Karang, 1 September 1908.

— 468, ♂, Moendoe, Goenoeng Karang, 10 September 1908.

— 469, 470, 473, ♀♂♂, Tji Passoh, Goenoeng Karang, 25 August and 13 September 1908.

Sundaic name: tjorrok tjorrok.

Rubigula dispar (Horsfield).

Turdus dispar Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 150.

Rubigula dispar, Sharpe, Cat. B. Br. M. VI, 1881, p. 167.

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N^{os}. 210, 211, 212, ♀ ♂ ♀, Palaboean Ratoe, Wijnkoopsbaai, 14—28 March 1908.

Sundaic name: tjangkoerileng goenoeng; batavian name: koetilan mas.

MUSCICAPIDAE.

Cyornis banyumas (Horsfield).

Muscicapa banyumas Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 146.

Siphia banyumas, Sharpe, Cat. B. Br. M. IV, 1879, p. 449.

N^{os}. 419, 423, 424, ♂ ♂ ♀, Pasir Eurih, Goenoeng Karang, Bantam, 31 August 1908.

— 420, 422, ♂ ♂, Moendoe, Goenoeng Karang, 10 September 1908.

— 421, ♂, Tji Passoh, Goenoeng Karang, 25 August 1908.

— 425, ♀, summit of Goenoeng Karang, 28 August 1908.

— 426, ♂ juv., Pasir Salam, Goenoeng Karang, 12 September 1908.

Sundaic name: soeling.

Gerygone modiglianii jacobsoni Van Oort.

Gerygone modiglianii jacobsoni Van Oort, Notes Leyden Mus. XXXI, 1909, p. 207.

Gerygone modiglianii, Finsch, Journ. f. Orn. 1907, p. 304.

N^{os}. 604, 605, 606, 607, ♂ ♂ ♂ ♀, Batavia, 14—15 October 1908.

— 725, 726, ♂ ♂, Moeara Karang, Batavia, 17 November 1908.

Malay name: ketjitji laet.

This bird is a rather common species near the sea-shore.

Rhipidura euryura S. Müller.

Rhipidura euryura S. Müller, Verh. Land- en Volkenk. 1839—44, p. 185.

Neomyias euryura, Sharpe, Cat. B. Br. M. IV, 1879, p. 342.

N^o. 282, ♀, Goenoeng Salak, 22 July 1908.

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N^{os.} 476, 477, ♀ ♂, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

Sundaic name: kipas goenoeng; malay name: kipasan.

Mr. Jacobson informed me, that he often has seen this Flycatcher sitting on the back of all sorts of cattle, like this is the custom with *Sturnopastor*.

***Rhipidura javanica* (Sparrmann).**

Muscicapa javanica Sparrmann, Mus. Carls. III, pl. 75.

Rhipidura javanica, Sharpe, Cat. B. Br. M. IV, 1879, p. 332.

N^{os.} 111, 112, 113, ♀ ♂ ♂, Batavia, 20—23 January 1908.

Sundaic name: manoeek kipas; malay- and javanese name: sikatan.

In n^{o.} 111, the female, the feathers of the lower back and rump are conspicuously edged with rufous; in the males these feathers are very obscurely edged with this colour.

***Hypothymis azurea* (Boddaert).**

Muscicapa azurea Boddaert, Table Pl. enl. 1783, p. 41.

Hypothymis occipitalis, Sharpe, Cat. B. Br. M. IV, 1879, p. 275.

N^{o.} 7, ♂, Depok, Batavia, 6 December 1907.

Malay name: kakipasan leuweung; malay name: kipas oetan; javanese name: sikatan alas.

Boddaert's name must be applied to the birds of the Philippines, with which the birds of Java are identical; among specimens from the Philippines as well as among those from Java white-bellied examples occur.

***Stoparola indigo* (Horsfield).**

Muscicapa indigo Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 146.

Stoparola indigo, Sharpe, Cat. B. Br. M. IV, 1879, p. 436.

N^{os.} 299, 300, 301, ♀ ♀ ♂, Goenoeng Salak, 1—2 August 1908.

Sundaic name: manoeek blauw.

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TURDIDAE.

***Geocichla interpres* (Temminck).**

Turdus interpres Temminck, Pl. col. 458, 1828. (Ex H. Kuhl).

Geocichla interpres, Seebohm, Cat. B. Br. M. V, 1881, p. 166.

Nº. 318, ♀, Pasir Lenggang, Goenoeng Karang, Bantam,
1 September 1908.

This example closely resembles the type-specimen of Temminck, only the chin is more white. In males as well as in females there is a patch of white on the black ear-coverts. The species seems to be rather rare; we had in the Leyden Museum only three examples from Java: the type-specimen (an old male), an old female and a young specimen, the first-quoted specimen collected by H. Kuhl, the two others by H. Boie.

This is a rare species, to be found at dark places in the wood (Jacobson).

***Geocichla citrinus rubecula* Gould.**

Geocichla rubecula Gould, Proc. Zool. Soc. London, 1836, p. 7. —
Seebohm, Cat. B. Br. M. V, 1881, p. 174.

- Nºs. 96, 98, ♂♂, Batavia, 25 and 28 December 1907.
- 97, 99, 100, ♂♂, Batavia, 2—12 January 1908.
- 183, (not sexed), Buitenzorg, 26 April 1908.
- 315, ♀, Depok, Batavia, 19 July 1908.
- 520, ♀, Tomang near Batavia, 5 August 1908.
- 680, ♂, Rawa Boeaja, Batavia, 16 November 1908.
- 681, ♂, Djélambar, Batavia, 9 November 1908.

Malay names: boeroeng tiker and boeroeng tjatjing;
sundaic name: manoeck tjatjing.

***Copsychus saularis muscicus* (Raffles).**

Lanius musicus Raffles, Trans. Linn. Soc. London, XIII, 1822, p. 307.

Copsychus saularis, Sharpe, Cat. B. Br. M. VII, 1883, p. 61.

Nºs. 149, 150, 151, 152, ♀♂♂♂, Batavia, 15—19 February 1908.

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- N^{os}. 208, 209, ♂♂, Batavia, 2 March 1908.
 — 694, 695, ♂♀, Batavia, 19 November 1908.
 Sundaic, malay and javanese name: koetjitja.

***Kittacincla macrourus* (Gmelin).**

Turdus macrourus Gmelin, Syst. Nat. I, 1789, p. 820. (Ex Latham et Sonnerat).

Cittocinclla tricolor, Sharpe, Cat. B. Br. M. VII, 1883, p. 85.

Kittacincla macrurus omissa Hartert, Nov. Zool. IX, 1902, p. 572 (partim).

- N^o. 128, ♂, Depok, Batavia, 20 December 1907.
 — 129, ♀, Depok, 3 February 1908.
 — 325, ♀, Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.

Sundaic names: koetjitjak leuweung and tjangko rawa; malay name: koetjitja batoe.

I use for this species the name of *macrourus*, given by Gmelin to Latham's bird from Pulu Condor, notwithstanding the outer tailfeathers in the bird from Pulu Condor should be pure white according to Latham. It is not known to me, if specimens from Pulu Condor have been examined afterwards, but they belong very probably to the same form as that from Cochin China and Malacca, the more as specimens from the Notoena Islands belong to the eastern continental form (Hartert, Nov. Zool. I, 1894, p. 469).

Our three examples perfectly agree with specimens from Sumatra, Banka and Billiton in the Leyden Museum and also with other examples, which we have in our collection from Western Java. The form from Eastern Java seems to be distinct as shown by Hartert (*Kittacincla macrurus omissa* Hartert, Nov. Zool. IX, 1902, p. 572).

Of *Kittacincla macrurus* and subspecies we have in the Leyden Museum the following material:

Kittacincla macrurus (Gmelin), 28 specimens from W. Java (6), Sumatra (9), Banka (4), Billiton (7), Malacca (1) and Tenasserim (1).

Kittacincla macrurus tricolor (Vieillot), 4 specimens from Ceylon.

Kittacincla macrurus suavis (Sclater), 17 specimens from Central-, Eastern- and Northwestern Borneo.

Kittacincla macrourus stricklandi (Motley & Dillwyn), 4 specimens from British North-Borneo.

Kittacincla macrourus melanura (Salvadori), 7 specimens from Nias.

Kittacincla macrourus nigricauda (Vorderman), 2 specimens (types) from the Kangean Islands.

Kittacincla macrourus albiventris Blyth, 1 specimen from Port Blair, S. Andamans.

Not represented in our collection are the two other subspecies *Kittacincla macrourus omissa* Hartert from Eastern Java, and *Kittacincla macrourus minor* Swinhoe from Hainan.

Cochoa azureus (Temminck).

Turdus azureus, Temminck, Pl. col. 274, 1824.

Cochoa azurea Sharpe, Cat. B. Br. M. IV, 1879, p. 4.

Nº. 274, ♂, Goenoeng Salak, 26 July 1908.

Pratincola caprata (L.).

Motacilla caprata, Linnaeus, Syst. Nat. Ed. XII, I, 1766, p. 335.

Pratincola caprata Sharpe, Cat. B. Br. M. IV, 1879, p. 195.

Nº. 122, ♂, Batavia, 15 January 1908.

— 174, ♂, Batavia, 24 February 1908.

— 565, 566, ♀ ♂, Tana Tinggi, Krawang, 4 October 1908.

— 567, ♂, Boengin, Krawang, 6 October 1908.

— 720, 721, 722, ♀ ♂ ♀, Soenter, Batavia, 20 November 1908.

Malay names: kostjitja sawa and kēdetjoe.

SYLVIIDAE.

Acrocephalus arundinaceus orientalis (Temminck & Schlegel).

Salicaria turdina orientalis Temminck & Schlegel, Faun. Jap. Aves, 1842, p. 50.

Acrocephalus orientalis, Seeböhm, Cat. B. Br. M. V, 1831, p. 97.

Acrocephalus arundinaceus orientalis, Hartert, Vög. Pal. Faun. Heft 5, 1909, p. 558.

Nº. 119, ♂, Kali Angkeé, Batavia, 25 January 1908.

— 522, ♀, Bekassie, Krawang, 9 August 1908.

— 695, 696, 697, 698, 699, 2 ♂ ♂, 3 ♀ ♀, Batavia, 10—19 November 1908.

Malay name: kērak bassie.

Notes from the Leyden Museum, Vol. XXXII.

Megalurus palustris Horsfield.

Megalurus palustris Horsfield, Trans. Linn. Soc. London, XIII, 1822, pp. 158, 159. — Sharpe, Cat. B. Br. M. VII, 1883, p. 123.

- N^o. 276, ♂, Goenoeng Salak, 26 July 1908.
 — 530, ♂, Tomang near Batavia, 7 August 1908.
 — 700, ♂, Rawa Boeaja, Batavia, 8 November 1908.
 — 701, 702, 705, ♂ ♀ ♀, Koneng, Batavia, 10 November 1908.
 — 703, ♂, Djelambar, Batavia, 9 November 1908.
 — 704, ♂, Batavia, 11 November 1908.

Malay names: tjeroetjoek sawa and tjoetji prioek.

Cisticola cisticola (Temminck).

Sylvia cisticola Temminck, Man. d'Orn. 2e Ed. I, 1820, p. 228.

Cisticola cisticola, Sharpe, Cat. B. Br. M. VII, 1883, p. 259.

- N^o. 734, ♀, Soenter, Batavia, 20 November 1908.
 — 790, 791, 792, 793, 794, 4 ♂ ♂, 1 ♀, Batavia, 20 November 1908.

One specimen, Bekassi, August 1908. (In spirits).

Malay name: koetjitja sawa or ketjitji sawa.

Prinia familiaris Horsfield.

Prinia familiaris Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 165. — Sharpe, Cat. B. Br. M. VII, 1883, p. 185.

- N^{os}. 130, 131, ♀ ♂, Batavia, 8 February 1908.
 — 729, ♂, Moeara Karang, Batavia, 17 November 1908.

Sundaic names: patjikrak, siki nangka and manoeek kassog;
 malay names: ketjitji and bidji nangka; javanese name:
 prendjak.

This bird is said to announce a call, when whistling before a dwelling (Jacobson).

In the males the lores are greyish brown; in n^o. 131 there is a faint indication of a narrow white line running from the base of the bill to the eye. In the female there is a well-defined white line above the dark lores.

Notes from the Leyden Museum, Vol. XXXII.

***Prinia blythi* (Bonaparte).**

Suya blythi Bonaparte, Consp. Av. I, 1850, p. 281.

Prinia blythi, Sharpe, Notes Leyden Mus. VI, 1884, p. 168.

N^{os}. 132, 133, ♂ and ?, Batavia, 2 February 1908.

— 194, ♀, Moeara Angkee, Batavia, 20 April 1908.

— 523, ♂, Bekassie, Krawang, 9 August 1908.

Native names: see *Prinia familiaris*.

This very good species is easily distinguished from *Prinia polychrous* (Temminck), Pl. col. 466, f. 3, 1828, by its smaller size, its unstreaked head and its conspicuously white lores, which are only in young examples of *polychrous* yellowish white. From *Prinia familiaris* Horsfield, which it resembles much more, it differs by the want of yellow on the under surface, by the want of white tips to the greater and median wingcoverts and also by having white lores, which are dark greyish brown in adult examples of *familiaris*; only in young birds and in females of *familiaris* there is a white line above the dark lores.

Above dark greyish brown with an olive tinge, feathers of the forehead with darker centres; wingcoverts and quills dark brown, margined with olive brownish, bend of wing and under wingcoverts creamy-white; tailfeathers dark brown with olive margins and white tips, before the latter with an indistinct blackish spot; lores, chin, throat and fore-neck white with a faint creamy tinge; rest of under surface white with a stronger creamy tinge; sides of breast and flanks dusky; thighs brownish white. Iris orange-brown; bill yellowish brown with dark grey tip; feet yellowish brown. Wing 52—54; tail 62—69; bill 11—13; tarsomet. 22 mm. Sexes alike.

The bill is slender like that of *Prinia familiaris*; the bill of *Prinia polychrous* is heavier and its culmen more rounded.

HIRUNDINIDÆ.***Hirundo javanica* Sparrmann.**

Hirundo javanica Sparrmann, Mus. Carls. II, 1789, pl. 100. — Sharpe, Cat. B. Br. M. X, 1885, p. 142.

Notes from the Leyden Museum, Vol. XXXII.

- Nº. 74, ♀, Kali Angkee, Batavia, 25 January 1908.
 — 449, 453, ♀ ♂, Pasir Djétakek, Goenoeng Karang, Bantam, 29 August 1908.
 — 450, 451, ♀ ♀, Pagger Batoe, Goenoeng Karang, 3 September 1908.
 — 452, ♂, Bodjong Rangkong, Goenoeng Karang, 2 September 1908.
 — 454, ♂, Tji Passoh, Goenoeng Karang, 25 August 1908.
 Sundaic name: walet.

***Hirundo rustica gutturalis* Scopoli.**

Hirundo gutturalis Scopoli, Del. Flor. et Faun. Insubr. 1786—'88, p. 96.

Hirundo rustica, subsp. ♀ *Hirundo gutturalis*, Sharpe, Cat. B. Br. M. X, 1885, p. 134.

- Nº. 168, ♀, Batavia, 28 February 1908.

Malay name: boeroeng tēpekong; sundaic names: kēpinis and walet.

CAMPEPHAGIDAE.

***Graucalus larvata* (S. Müller).**

Ceblepyris larvata S. Müller, Verh. Land- en Volkenk. 1839—44, p. 190.

Artamides larvatus, Sharpe, Cat. B. Br. M. IV, 1879, p. 11.

- Nº. 274a, ♂, Goenoeng Salak, 22 July 1908.

***Pericrocotus peregrinus* L.**

Parus peregrinus Linnæus, Syst. Nat. Ed. XII, 1766, p. 342. (Description of female).

Pericrocotus peregrinus, Sharpe, Cat. B. Br. M. IV, 1879, p. 76.

- Nº. 101, ♂ juv., Batavia, 28 December 1907.
 — 102, 103, 104, ♂ ♀ ♂, Batavia, 11—12 January 1908.
 — 196, ♂, Moeara Angkee, Batavia, 20 April 1908.

Sundaic name: manoek sēpah; malay name: boeroeng kembang doeren.

Pericrocotus miniata* (Temminck).Muscicapa miniata* Temminck, Pl. col. 156, 1822.*Pericrocotus miniatus*, Sharpe, Cat. B. Br. M. IV, 1879, p. 86.

N°. 294, ♀, Goenoeng Salak, 27 July 1908.

Sundaic name: seupah.

This name is said to be derived from njeupah = to chew sirih and seupah = a chewed quid of sirih, which is always blood-red (Jacobson).

Pericrocotus flammeus exsul* Wallace.Pericrocotus exsul* Wallace, Proc. Zool. Soc. London, 1863, p. 492. —

Sharpe, Cat. B. Br. M. IV, 1879, p. 76.

N°. 478, 482, ♂ ♀, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

— 479, 483, ♂ ♀, Pasir Salam, Goenoeng Karang, Bantam, 5 September 1908.

— 480, ♂, Bodjong Rangkong, Goenoeng Karang, Bantam, 2 September 1908.

— 481, ♀, Moendoe, Goenoeng Karang, Bantam, 6 September 1908.

Sundaic name: seupah.

Lalage terat* (Boddaert).Turdus terat* Boddaert, Table Pl. enl. 1783, p. 17.*Lalage terat*, Sharpe, Cat. B. Br. M. IV, 1879, p. 95.

N°. 105, 106, 107, ♂ juv., ♂ ♂ ad., Batavia, 30 December 1907 and 24 January 1908.

— 175, ♂, Batavia, 27 February 1908.

— 529, ♂, Bekassie, Krawang, 8 August 1908.

Sundaic and malay name: kapassan.

Lalage fimbriatus* (Temminck).Ceblephyris fimbriatus* Temminck, Pl. col. 249, 250, 1824.*Lalage fimbriata*, Sharpe, Cat. B. Br. M. IV, 1879, p. 103.

N°. 253, ♂, Palaboean Ratoe, Wijnkoopsbaai, 16 March 1908.

Notes from the Leyden Museum, Vol. XXXII.

DICRURIDÆ.

Dicrurus cineraceus (Horsfield).

Edolius cineraceus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 145.

Buchanga cineracea, Sharpe, Cat. B. Br. M. III, 1877, p. 250.

- N^{os}. 153, 154, 155, 156, 157, ♂ ♂ and ♀, Batavia, 19—22 February 1908.
 — 201, (not sexed), Buitenzorg, 26 March 1908.
 — 281, ♀, Goenoeng Salak, 26 July 1908.
 — 316, 316a, ♂ ♂, Depok, Batavia, 19 July 1908.
 — 685, 686, ♂ ♀, Batavia, 19 November 1908.

Native names like those of *Dicrurus atra longus* and also: djipet (malay).

This species must bear the name given by Horsfield; it is doubtful, whether *Dicrurus leucophaeus* Vieillot is the same species or not.

Dicrurus atra longus (Bonaparte).

Dicrourus longus Bonaparte, Consp. Av. I, 1850, p. 352. (Ex Temminck).

Buchanga atra, Sharpe, Cat. B. Br. M. III, 1877, p. 246.

- N^{os}. 158, 159, ♀ ♀, Batavia, 21—26 February 1908.
 — 202, ♂, Batavia, 2 March 1908.
 — 517, young ♂, Tomang near Batavia, 3 August 1908.
 — 732, 733, ♀ ♂, Tjengkareng, Batavia, 18 November 1908.

Sundaic name: seran goenting; malay name: sala goenting; javanese name: sri goenting.

The type-specimen of Temminck's *Edolius longus* from Java, upon which is based the 14th species of *Dicrourus* in Bonaparte's *Conspectus Avium*, with the remark „*Edolius forficatus*, Horsf. nec L. (LONGUS, Temm.) Lev. Afr. t. 174 ex Java", is still in the collection of the Leyden Museum.

Notes from the Leyden Museum, Vol. XXXII.

***Dissemurus paradisus platurus* (Vieillot).**

Dicrurus platurus Vieillot, Nouv. Dict. d'Hist. Nat. IX, 1817, p. 588.

Dissemurus paradisus, Sharpe, Cat. B. Br. M. III, 1877, p. 258.

N^{os}. 202, 203, 204, 205, 206, 207, 4 ♂♂, 2 ♀♀, Palaboean Ratoe, Wijnkoopsbaai, 11—27 March 1908.

Sundaic name: sairán rambay; batavian name: peot.

***Bhringa remifer* (Temminck).**

Edolius remifer Temminck, Pl. Col. 178, 1823.

Bhringa remifer, Sharpe, Cat. B. Br. M. III, 1877, p. 257.

N^o. 298, ♂, Goenoeng Salak, 22 July 1908.

— 297, ♀, Goenoeng Salak, 27 July 1908.

Sundaic names: seran and kander kēsisi; malay name: sala goenting; javanese name: sri goenting.

The two outer tailfeathers are not elongated.

Mr. Jacobson has frequently observed, that these birds are flying over fields of alang-alang, when these are set on fire, often through the thick smoke, singly with the intention to catch insects, especially grass-hoppers, which are started by the flames.

ARTAMIDAE.***Artamus leucorhynchos* (Gmelin).**

Lanius leucorhynchos Gmelin, Syst. Nat. I, 1789, p. 305.

Artamus leucogaster, Sharpe, Cat. B. Br. M. XIII, 1890, p. 3.

N^{os}. 25, 26, ♂♀, Tandjong Priok, 1 November 1907.

— 53, ♀, Batavia, 9 January 1908.

— 54, 55, ♂♀, Buitenzorg, 5 January 1908.

— 230, (not sexed), Krakatau, 7 May 1908.

— 277, ♀, Goenoeng Salak, 1 August 1908.

I use the name given by Gmelin to this species, as Linnaeus in 1771 in his Mantissa Plantarum (p. 524) mentioned the bird under the abbreviated name of *Lanius leucoryn*. There is for me no doubt, that Gmelin's name, based upon Brisson's *Lanius manillensis*, Ornith. II, 1760, p. 180, pl. 18, f. 2, must be applied to the present species.

Notes from the Leyden Museum, Vol. XXXII.

LANIIDAE.

Lanius schach bentet Horsfield.

Lanius bentet Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 144. — Gadow, Cat. B. Br. M. VIII, 1883, p. 266.

- N^o. 88, ♂, Batavia, 25 December 1907.
 — 89, 90, 91, ♀ ♂ ♂, Batavia, 2—21 January 1908.
 — 176, ♂, Batavia, 17 February 1908.
 — 508, ♀, Moeara Karang near Batavia, 14 August 1908.
 — 509, 510, ♂ ♀, Pësing near Batavia, 10 August 1908.
 — 692, ♂, Djelambar near Batavia, 9 November 1908.
 — 693, ♀, Batavia, 11 November 1908.

Sundaic name: toëd; malay name: bëntet; javanese name: plëntetan.

There is a great variation in the amount of black on the head in this form. Some specimens have only a rather narrow black frontal band; in other specimens this band is much broader and even rarely again in other examples the whole crown is black and the grey feathers of the hindneck have blackish margins. These latter specimens approach the subspecies *Lanius schach antiguanus* Gmelin (Syst. Nat. I, 1789, p. 301) from the Philippine Islands, which is found also on the Sulu Islands, Borneo and Eastern Java.

Myioterpe grisola (Blyth).

Tephrodornis grisola Blyth, Journ. As. Soc. Bengal, XII, 1843, p. 180*.
Pachycephala grisola, Gadow, Cat. B. Br. M. VIII, 1883, p. 220.

- N^os. 70, 71, 72, 73, ♂ ♀ ad., Batavia, 11—21 January 1908.
 — 312, ♀, Depok, Batavia, 19 July 1908.
 — 387, ♂, Toeroes Batoe, Goenoeng Karang, Bantam, 27 August 1908.
 — 389, ♀ juv., Moendoe, Goenoeng Karang, Bantam, 6 September 1908.
 — 392, ♀, Pasir Salam, Goenoeng Karang, Bantam, 12 September 1908.

Notes from the Leyden Museum, Vol. XXXII.

N^{os}. 391, 393, 394, ♀ ♂ ♀, summit of Goenoeng Karang, Bantam, 14—26 August 1908.

— 709, ♂, Padëmangan, Batavia, 21 November 1908.

Malay names: angin angin and sing or sieng; sundaic name: wërgan.

Young birds have a great amount of rufous at the upper surface; sides of head, hindneck, back, wingcoverts, outer webs of secondaries and margins of outer webs of primaries being of that colour. In very old birds a rufous tinge is not perceptible at these parts.

PRIONOPIDAE.

Hemipus obscura (Horsfield).

Muscicapa obscura Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 146.

Hemipus obscurus, Sharpe, Cat. B. Br. Mus. III, 1877, p. 305.

N^o. 92, ♂, Batavia, 22 December 1907.

— 93, ♂, Batavia, 5 January 1908.

— 94, 95, ♂ ♀, Buitenzorg, 5 January 1908.

— 346, 350, 351, ♂ ♀ ♀, Pasir Eurih, Goenoeng Karang, Bantam, 31 August 1908.

— 347, 348, 349, ♂ ♀ ♂, Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.

Sundaic name: tjëreret.

Tephrodornis virgatus (Temminck).

Lanius virgatus Temminck, Pl. col. 256, f. 1, 1824.

Tephrodornis virgatus, Sharpe, Cat. B. Br. M. III, 1877, p. 278.

N^o. 400, ♀ juv., Pasir Lenggang, Goenoeng Karang, Bantam, 1 September 1908.

— 401, ♂, Pasir Salam, G. Karang, 5 September 1908.

— 402, 404, ♂ ♀, Pasir Batang, G. Karang, 30 August 1908.

— 403, ♀ juv., Moendoe, G. Karang, 6 September 1908.

— 405, ♀, Tji Passoh, G. Karang, 25 August 1908.

Sundaic name: groote (great) tjëreret, as contrasted with *Hemipus obscurus*, which is called kleine (small) tjëreret.

Notes from the Leyden Museum, Vol. XXXII.

SITTIDAE.

Dendrophila frontalis (Swainson):

Sitta frontalis Swainson, Zool. Ill. 1st ser. 1820—21, pl. 2.

Sitta frontalis, Gadow, Cat. B. Br. M. VIII, 1883, p. 358. — Hellmayr, Tierr. Parid., Sittid. & Certhiid. 1903, p. 193.

- N^{os}. 5, 6, ♀♀, Depok, Batavia, 6 December 1907.
 — 123, ♀, Batavia, 21 January 1908.
 — 191, (not sexed), Buitenzorg, 26 April 1908.
 — 409, 411, 412, ♂ ♂ ♂, Toeroes Batoe, Goenoeng Karang, Bantam, 11 September 1908.
 — 410, ♀, Tji Passoh, Goenoeng Karang, 25 August 1908.
 — 413, 414, ♀ ♂, Pasir Koppoh, Goenoeng Karang, 28 August 1908.

Sundaic names: tjaladi geujot and sěressel; malay name: glatik ngoe-ngoe.

PARIDAE.

Parus major cinereus Vieillot.

Parus cinereus Vieillot, Nouv. Dict. d'Hist. Nat. XX, 1818, p. 316.

— Gadow, Cat. B. Br. M. VIII, 1883, p. 16.

Parus atriceps Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 160. — Temminck, Pl. col. 287, fig. 2, 1824.

Parus cinereus cinereus, Hellmayr, Tierr. Parid., Sittid. & Certhiid. 1903, p. 103.

- N^{os}. 49, 51, ♂ ♂, Batavia, 23 January 1908.
 — 50, 52, ♂ and not sexed sp., Batavia, 29 December 1907.
 — 329, ♀, Pasir Koppoh, Goenoeng Karang, Bantam, 28 August 1908.

Sundaic name: djindjing latak; malay name: glatik batoe; javanese name: glatik watoe.

ORIOLIDAE.

Oriolus maculatus Vieillot.

Oriolus maculatus Vieillot, Nouv. Dict. d'Hist. Nat. XVIII, 1817, p. 194. — Sharpe, Cat. B. Br. M. III, 1877, p. 199.

Notes from the Leyden Museum, Vol. XXXII.

- N^{os.} 30, 57, 58, ♀ ♂, Batavia, 10—22 December 1907.
 — 59, ♀, Batavia, 2 January 1908.
 — 177, ♀, Batavia, 20 February 1908.
 — 314, ♂, Depok, 19 July 1908.
 — 531, ♀, Tomang near Batavia, 7 August 1908.

Malay names: tjelalongan and kepodang; javanese name: kepodang; sundaic name: bintjaroeng.

In Central- and Western Java the natives say, that pregnant women give birth to beautiful children, when they eat these birds (Jacobson).

Oriolus xanthonotus Horsfield.

Oriolus xanthonotus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 152. — Sharpe, Cat. B. Br. M. III, 1877, p. 213.

- N^{os.} 246, 247, ♂ ♂, Palaboean Ratoe, Wijnkoopsbaai, 12 and 26 March 1908.

CORVIDÆ.

Corvus macrorhynchos Wagler.

Corvus macrorhynchos Wagler, Syst. Av. Corvus n^o. 3, 1827.

Corone macrorhyncha, Sharpe, Cat. B. Br. M. III, 1877, p. 38.

- N^o. 598, ♀, Pekapoeran, Batavia, 14 September 1908.
 — 629, 630, 631, ♀ ♂ ♂, Galian, Krawang, 2—4 October 1908.
 — 632, ♀, Boengin, Krawang, 6 October 1908.
 — 642, ♀, Moeara Karang, Batavia, 17 November 1908.
 — 643, ♀, Soenter, Batavia, 20 November 1908.

Malay name: gaok.

Corvus enca (Horsfield).

Fregilus enca Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 164.

Corone enca, Sharpe, Cat. B. Br. M. III, 1877, p. 43.

- N^o. 330, ♀, Soemoer Toedjoe, Goenoeng Karang, Bantam, 1 September 1908.

Malay name: gagak; sundaic name: ka-ak.

Notes from the Leyden Museum, Vol. XXXII.

Crypsirhina varians (Latham).

Corvus varians Latham, Suppl. Ind. Orn. 1801, p. 26.

Crypsirhina varians, Sharpe, Cat. B. Br. M. III, 1877, p. 83.

- N^{os}. 83, 84, 85, ♀♀♀, Batavia, 14 January 1908.
 — 87, ♂, Batavia, 23 January 1908.
 — 86, ♀, Batavia, 8 February 1908.
 — 170, ♂, Batavia, 19 February 1908.
 — 511, 512, ♀♂, Tomang near Batavia, 7 August 1908.
 — 513, 514, ♀♀, Moeara Karang near Batavia, 12 August 1908.
 — 730, 731, ♂♀, Batavia, 19 November 1908.

Sundaic name: seran gejet; malay names: dejot and towet or tomet.

Cissa thalassina (Temminck).

Kitta thalassina Temminck, Pl. col. 401, 1828.

Cissa thalassina, Sharpe, Cat. B. Br. M. III, 1877, p. 86.

- N^o. 273, ♀, Goenoeng Salak, 2 August 1908.

Sundaic name: keket gèleng.

Platylophus galericulatus (Cuvier).

Garrulus galericulatus Cuvier, Règne Anim. I, 1817, p. 399.

Platylophus galericulatus, Sharpe, Cat. B. Br. M. III, 1877, p. 317.

- N^{os}. 233, 234, ♀♂, Palaboean Ratoe, Wijntkoopsbaai, 13 March 1908.

Sundaic name: manoeck embeu.

STURNIDAE.

Graculica melanoptera (Daudin).

Gracula melanoptera Daudin, Traité d'Orn. II, 1800, p. 286.

Graculipica melanoptera, Sharpe, Cat. B. Br. M. XIII, 1890, p. 78.

- N^{os}. 179, 180, ♂♂, Tandjong Priok, 21 April 1908.
 — 687, ♂, Rawa Boeaja, Batavia, 16 November 1908.

Javanese name: djalak; malay name: kaleng poeti; sundaic name: kerak bodas.

Notes from the Leyden Museum, Vol. XXXII.

These three specimens are adult ones, being pure white, only bastard-wing, remiges and rectrices being black. The young examples of this species have crown, neck, rump and upper tailcoverts light slaty grey, back and upper wingcoverts darker slaty grey; upon such a young example is based *Gracupica tertia* Hartert from Bali (Nov. Zool. III, 1896, p. 547).

***Sturnopastor contra jalla* (Horsfield).**

Pastor jalla Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 155.
Sturnopastor jalla, Sharpe, Cat. B. Br. M. XIII, 1890, p. 57.

N^{os}. 137, 138, 139, 140, 141, 142, 143, ♂♂♀♀, ad. and juv., Batavia, 14—15 February 1908.
 — 690, 691, ♂♀, Tjengkareng, Batavia, 18 November 1908.

Malay and javanese name: djalak oeret; sundaic name: djalak soeren; batavian name: tjoerik.

***Acridotheres fuscus javanicus* Cabanis.**

Acridotheres javanicus Cabanis, Mus. Hein. I, 1850, p. 205. — Sharpe, Cat. B. Br. M. XIII, 1890, p. 90.

N^o. 171, ♂, Batavia, 24 February 1908.
 — 178, ♀, Batavia, 18 April 1908.
 — 688, 689, ♂♀, Rawa Boeaja, Batavia, 16 November 1908.

Malay name: djalak mas; javanese name: djalak penjoe; sundaic name: kerak mas; batavian names: boeroeng kaleng and kaleng mas.

***Calornis panayensis strigatus* (Horsfield).**

Turdus strigatus Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 148 (young bird).
Lamprotornis cantor S. Müller, Verh. Land- en Volkenk. 1839—44, p. 174.
Calornis chalybea Sharpe, Cat. B. Br. M. XIII, 1890, p. 143.

N^{os}. 38, 39, 40, 41, 42, 43, 44, ♂♂♀♀, ad. and juv., Batavia, 10—12 December 1907.

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- N^o. 439, ♀, Pasir Eurih, Goenoeng Karang, Bantam, 31 August 1908.
 — 440, 442, ♂♂, Pasir Eurih, Goenoeng Karang, 8 September 1908.
 — 441, ♂, Bodjong Rangkong, Goenoeng Karang, 2 September 1908.
 — 443, 444, ♀♀, juv., Pasir Batang, Goenoeng Karang, 9 September 1908. .

Malay name: tjamperling; sundaic names: geurih and gairik.

The first name given to this form is *Turdus strigatus* Horsfield, under which name a young bird has been described; on the same page Horsfield described the adult bird under the name of *Turdus chalybeus*.

ZOSTEROPIDAE.

Zosterops flavum (Horsfield).

Dicaeum flavum Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 170.

Zosterops flava, Sharpe, Cat. B. Br. M. IX, 1884, p. 170. — Finsch, Tierr. Zoster. 1901, p. 24.

- N^{os}. 608, 609, 610, 611, 612, 613, 4 ♂♂, 2 ♀♀, Batavia, 15 October 1908.
 — 723, 724, ♂♀, Batavia, 14 November 1908.

Malay name: ketjitji laet.

Zosterops frontalis Reichenbach.

Zosterops frontalis Reichenbach, Handb. spec. Orn. 1851, p. 94. — Finsch, Tierr. Zoster. 1901, p. 38.

Zosterops fallax Sharpe, Cat. B. Br. M. IX, 1884, p. 197.

Zosterops javanica, Vorderman, Nat. Tijdschr. Ned. Ind. LIX, 1900, p. 212.

- N^o. 328, ♂, summit of Goenoeng Karang, Bantam, 26 August 1908.

Sundaic name: tji-eu-i.

Of this species, which is an inhabitant of the mountains, we have several examples from Java. Of the nearly allied

Zosterops javanica (Horsfield), at once distinguished by its broad white eyebrow and white lores and of which *frontalis* is most likely a subspecies, we have in the collection of the Leyden Museum only one example, an adult specimen from Preanger, presented in 1893 by Mr. A. G. Vorderman.

NECTARINIIDAE.

Chalcostetha calcostetha (Jardine).

Nectarinia calcostetha Jardine, Natur. Libr. Nectariniadae, 1843, p. 263.
Chalcostetha insignis, Gadow, Cat. B. Br. M. IX, 1884, p. 12.

N^{os}. 17, 22, ♂, Moeara Antjol near Batavia, 8 December 1907.

— 568, Soengei Asem, Krawang, 5 October 1908.

Sundaic name: sēsēp madōe; malay names: tjantingan and koetjitja sawa.

Aethopyga mystacalis (Temminck).

Nectarinia mystacalis Temminck, Pl. col. 126, f. 3, 1822.
Aethopyga mystacalis, Shelley, Monogr. Nectar. 1876—80, p. 49, pl. 16. — Gadow, Cat. B. Br. M. IX, 1884, p. 23.

N^{os}. 337, ♂, Pagger Batoe, Goenoeng Karang, Bantam, 3 September 1908.

— 338, ♂, Pasir Batang, Goenoeng Karang, Bantam, 9 September 1908.

Sundaic name: tjontjling beureum.

It is strange that two examples of this rather rare species are in the collection of Mr. Jacobson, while the more common *Aethopyga siparaja* (Raffles) is not represented.

There are in the collection of the Leyden Museum three specimens from Java, two males and one female, which are labelled by Temminck *Nectarinia mystacalis*. These males cannot be the type-specimens to Temminck's description and to the coloured plate in his „Planches coloriées”, for they have no red feathers at the forehead and also no red feathers before and above the eyes; also their abdomen and the sides of their body are not greyish white but dark ashy

brown with olive tinge, like in *Aethopyga siparaja* (Raffles), and in both specimens the rump is conspicuously yellow. These two males are quite similar to males of *Aethopyga siparaja* (Raffles), only the middle pair of the tailfeathers is elongated and nearly twice as long as the other ones. They belong surely to *siparaja* Raffles and not to *mystacalis* Temminck. After these specimens S. Müller and Schlegel (Verh. Natuurl. Gesch. Zoologie, 1839—44, pp. 54, 55) gave the description of the male of *Nectarinia mystacalis* Temminck. The above-mentioned female is the type to the description and to the coloured plate (l. c. p. 55, pl. 9, f. 1) of the female of *Nectarinia mystacalis* by S. Müller and Schlegel; also this specimen belongs to *siparaja* Raffles.

In the Leyden Museum we had only two specimens of *Aethopyga mystacalis* (Temminck), both males, one from Goenoeng Salak, the other from Goenoeng Gedeh, and both presented in 1893 by the late A. G. Vorderman.

***Aethopyga eximia* (Horsfield).**

Nectarinia eximia Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 168.

Aethopyga eximia, Gadow, Cat. B. Br. M. IX, 1884, p. 17.

N^{os}. 305, 306, 307, 308, ♂ ♂ ♀ ♀, Goenoeng Salak, 24—29 July 1908.

Sundaic and malay name: tjantingan.

***Leptocoma hasseltii* (Temminck).**

Nectarinia hasseltii Temminck, Pl. col. 376, f. 3, 1825.

Cinnyris hasseltii, Gadow, Cat. B. Br. M. IX, 1884, p. 67.

N^o. 16, ♂, Moeara Antjol near Batavia, 8 December 1907.

Sundaic name: sēsēp madoe; malay name: tjantingan.

***Cyrtostomus pectoralis* (Horsfield).**

Nectarinia pectoralis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 167.

Cinnyris pectoralis, Gadow, Cat. B. Br. M. IX, 1884, p. 88.

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- N^o. 14, ♀, Tandjong Priok, 1 November 1907.
 — 18, ♀, Moeara Antjol near Batavia, 8 December 1907.
 — 46, ♂, Moeara Antjol near Batavia, 15 December 1907.
 — 601, 603, ♂ ♂, Batavia, 14 October 1908.
 — 727, ♀, Moeara Karang near Batavia, 17 November 1908.
 Malay names: sapian, tjanting and patok madoe.

***Arachnothera longirostra prillwiltzi* Hartert.**

Arachnothera longirostris prillwiltzi Hartert, Nov. Zool. VIII, 1901, p. 51.
Arachnothera longirostris, Gadow, Cat. B. Br. M. IX, 1884, p. 103.

- N^{os}. 406, 407, 408, ♀ ♂ ♀, Moendoe, Goenoeng Karang, Bantam, 10 September 1908.

Sundaic name: patok djantoeng.

Specimens from Java have, as a rule, a longer and stronger bill than those from Borneo. The yellow of their breast and abdomen is only a trifle brighter; sometimes however specimens from Borneo are as bright golden yellow as specimens from Java. The bill in the three specimens measures respectively 40, 45 and 40 mm.

***Arachnothera affinis* (Horsfield).**

Cinnyris affinis Horsfield, Trans. Linn. Soc. London, XIII, 1822, p. 166.
Arachnothera affinis, Gadow, Cat. B. Br. M. IX, 1884, p. 106.

- N^o. 173, ♀, Batavia, 22 February 1908.
 — 232, ♀, Palaboean Ratoe, Wijnkoopsbaai, 11 March 1908.
 — 382, 383, ♀ ♀, Lemah Beureum, Goenoeng Karang, Bantam, 4 September 1908.
 — 384, ♀, Moendoe, Goenoeng Karang, 10 September 1908.
 — 385, ♂, Tji Passoh, Goenoeng Karang, 25 August 1908.
 — 386, ♂, Pasir Eurib, Goenoeng Karang, 8 August 1908.

Sundaic name: klatjes.

According to Mr. Jacobson this bird is abundant in flowering aren-trees.

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Anthreptes malaccensis (Scopoli).*Certhia malaccensis* Scopoli, Del. Flor. et Faun. Insubr. II, 1786, p. 91.*Anthothreptes malaccensis*, Gadow, Cat. B. Br. M. IX, 1884, p. 122

- Nº. 10, ♂ juv., Depok, Batavia, 6 December 1907.
 — 11, 12, 13, ♂ ♂ ♂, Tandjong Priok, 24 November 1907.
 — 45, ♂, Moeara Antjol near Batavia, 15 December 1907.
 — 64, ♂, Batavia, 12 January 1908.
 — 264, ♂, Bandoeng, 24 May 1908.
 — 339, ♀, Soemoer Toedjoe, Goenoeng Karang, Bantam, 7 September 1908.
 — 340, 341, 342, ♂ ♂ ♂, Tji Passoh, Goenoeng Karang, Bantam, 13 September 1908.
 — 728, ♀, Moeara Karang, Batavia, 17 November 1908.

Sundaic names: sēsēp madoe and tjongtjling kēlapa;
 malay names: patok madoe and tjantingan.

DICAEDAE.

Dicaeum sanguinolentum Temminck.

Dicaeum sanguinolentum Temminck, Pl. col. 478, f. 2, 1829. — Sharpe,
 Cat. B. Br. M. X, 1885, p. 25.

- Nºs. 309, 310, ♂ ♂, Goenoeng Salak, 27—28 July 1908.
 — 343, ♂, Pasir Batang, Goenoeng Karang, Bantam, 9 September 1908.
 — 344, 345, ♀ ♀, Pasir Eurih, Goenoeng Karang, 8 September 1908.

Sundaic names: tjetjed and tjabean.

Dicaeum flammea (Sparrmann).*Motacilla flammea* Sparrmann, Mus. Carls. IV, 1789, pl. 98.*Dicaeum flammeum*, Sharpe, Cat. B. Br. M. X, 1885, p. 14.

- Nº. 8, ♂, Depok near Batavia, 6 December 1907.
 — 23, ♀, Tandjong Priok, 24 November 1907.
 — 197, ♂, Moeara Angkee, 20 April 1908.
 — 718, ♂, Soenter, Batavia, 20 November 1908.

Sundaic name: tjabean; malay name: tjabe-tjabe.

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PLOCEIDAE.

Ploceella javanensis (Lesson).

Loxia javanensis Lesson, *Traité d'Orn.* 1831, p. 446.

Ploceella javanensis, Sharpe, *Cat. B. Br. M.* XIII, 1890, p. 474.

N^{os.} 262, 263, ♂♂, Krawang, 11 May 1908.

Batavian name: manjar mas (males), manjar boerik (females).

Ploceus manyar (Horsfield).

Fringilla manyar Horsfield, *Trans. Linn. Soc. London*, XIII, 1822, p. 160.

Ploceus manyar, Sharpe, *Cat. B. Br. M.* XIII, 1890, p. 496.

N^{os.} 185, 186, 187, 188, 189, 190, 4 ♂♂, 2 ♀♀, Tandjong Priok, 21 April 1908.

Sundaic and javanese name: manjar; batavian name: manjar kepala koening (males), manjar boerik (females).

Munia ferruginosa (Sparrmann).

Loxia ferruginosa Sparrmann, *Mus. Carls.* IV, 1789, pls. 90, 91.

Munia ferruginosa, Sharpe, *Cat. B. Br. M.* XIII, 1890, p. 332.

N^{os.} 267, 269, ♂♀ juv., Batavia, 11 May 1908.

Javanese name: ěmprit katji; batavian name: bondol.

Munia maja (L.).

Loxia maja Linnaeus, *Syst. Nat. Ed.* XII, I, 1766, p. 301.

Munia maja, Sharpe, *Cat. B. Br. M.* XIII, 1890, p. 332.

N^{os.} 265, 268, 270, ad. (not sexed) and 2 ♀♀ juv., Batavia, 11 May 1908.

Javanese name: ěmprit katji; batavian name: bondol kĕpala poetih.

Munia punctulata nisorla (Temminck).

Fringilla nisorla Temminck, *Pl. col.* 500, f. 2, 1830.

Munia punctulata, subsp. γ *Munia nisorla*, Sharpe, *Cat. B. Br. M.* XIII, 1890, p. 352.

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N^o. 266, (not sexed), Batavia, 11 May 1908.

Javanese name: ěmprit pĕking; batavian name: bondol kĕbon.

Padda oryzivora (L.).

Loxia oryzivora Linnaeus, Syst. Nat. Ed. X, I, 1758, p. 153.

Munia oryzivora, Sharpe, Cat. B. Br. M. XIII, 1890, p. 328.

N^{os}. 165, 166, ♀♀, Batavia, 24—26 February 1908.

Sundaic, malay and javanese name: glatik.

Erythrura prasina (Sparrmann).

Loxia prasina Sparrmann, Mus. Carls. II, 1788, pls. 72, 73.

Erythrura prasina, Sharpe, Cat. B. Br. M. XIII, 1890, p. 381.

N^{os}. 415, 416, ♂♂, Pasir Batang, Goenoeng Karang, Bantam, 9 September 1908.

— 417, 418, ♂♂, Pasir Salam, Goenoeng Karang, 5 September 1908.

Sundaic name: eusing.

FRINGILLIDAE.

Passer montana saturatus Stejneger.

Passer saturatus Stejneger, Proc. U. S. Nat. Mus. Washington, VIII, 1885, p. 19.

Passer malaccensis Dubois, Faun. ill. Vert. Belg. Oiseaux, I, 1885, p. 573.

Passer montana malaccensis, Hartert, Vög. Pal. Faun. Heft II, 1904, p. 161.

N^{os}. 163, 164, ♀♂, Batavia, 20—21 February 1908.

Malay and sundaic names: boeroeng gredja; javanese name: manœk gredja.

The Tree-sparrows from Malacca and from Java have been separated by Dr. A. Dubois under the name of *Passer malaccensis*, being, according to him, of smaller dimensions and of a more vivid coloration than specimens from Europe, Asia and Japan. We have at present 12 adult specimens from Java and one adult specimen from Makassar,

Celebes. When comparing these specimens with a series of more than 50 skins from Europe, Siberia, China, Japan, Formosa and Ceylon, it appears that they are not to be distinguished from the specimens from China, Formosa and Japan neither by the coloration nor by the dimensions or the shape of the bill; on the other hand some specimens from Western Europe perfectly agree with Japanese and Javanese specimens, so that it is impossible to say, without seeing the label, from where a specimen is originating. The only features, which seem to be constant in birds from Eastern Asia and the Malay Archipelago are a more or less umber-brown coloration, sometimes very strong, of the sides of the body and of the flanks, and, as a rule, the somewhat smaller dimensions. The upper surface of these eastern birds has, as a rule, a richer brown tinge, and the lower part of the black throat is often tinged with rufous. Except *Passer montana dilutus* Richmond, from Turkestan, we can distinguish only two other forms of the Tree-sparrow: a western form, *Passer montana* (Linnaeus), from Europe and Siberia, and an eastern form, inhabiting Japan, the Liu Kiu Islands, Formosa, Southern China, Malacca, Sumatra, Java and Celebes, which is to be called *Passer montana saturatus* Stejneger.

Wings of our Java-specimens: 65—70 mm.

Leyden Museum, February 1910.