

ORNIS.

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VII.—NOTES ON A COLLECTION OF BIRDS FROM SANDAKAN, N.E. BORNEO.

By R. BOWDLER SHARPE, LL.D., and CHARLES CHUBB.

THE present collection was formed by Mr. P. N. Graydon in the vicinity of the Lamag Estate, which is situated about 100 miles from Sandakan, on the Kinabatangan River. The surrounding country, Mr. Graydon tells us, is entirely clothed in dense impenetrable jungle, some few thousand acres of which have been felled for planting purposes. The altitude would not be more than 200 feet above sea-level, though inland from the river-banks it rises to slightly more hilly ground, to perhaps from 200 to 500 feet higher. The climate is described by Mr. Graydon as being very equable, being about the same temperature all the year round, the thermometer averaging about 85°, and very similar to that of Singapore.

In the determination of Mr. Graydon's collection we have referred to the following papers on the ornithology of Sandakan :—

- (1) SHARPE, DR. BOWDLER.—On the Birds of Sandakan, North-east Borneo. P. Z. S. 1881, pp. 790-800.
- (2) NICHOLSON, F.—On a Collection of Birds from Borneo. Ibis, 1883, pp. 85-90.
- (3) GUILLEMARD, F. H. H.—Report on the Collection of Birds made during the Voyage of the Yacht 'Marchesa.'—Part II. Borneo and the Island of Cagayan Sulu. P. Z. S. 1885, pp. 404-420, pl. xxv.

- (4) EVERETT, A. H.—A List of the Birds of the Borneo Group of Islands. Straits Branch of the Asiatic Soc. Bengal, 1889, pp. 91-212, with two maps.
- (5) ELLIOT, D. G.—A List of Birds from North-east Borneo, with Field-notes by Mr. C. F. Adams. Auk, vii. pp. 346-359 (1890); id. op. cit. viii. pp. 7-16 (1891).

1. *ARBORICOLA GRAYDONI*, Sharpe & Chubb.

Arboricola graydoni. Sharpe & Chubb, anteâ, p. 133.

♂ ad. Lamag, January 1902. "Lampikong."

Bill black, tipped with yellow; feet deep red; iris yellow.

2. *LOPHURA NOBILIS*.

Euplocomus nobilis. Sel. P. Z. S. 1863, p. 119, pl. xvi. (Sarawak); Guillem. P. Z. S. 1885, p. 416 (Silam: Sandakan); Everett, List B. Borneo, p. 199.

Euplocomus ignitus. Sharpe (nee Shaw & Nodder), P. Z. S. 1881, p. 800 (Sandakan); Nicholson, Ibis, 1883, p. 90 (Silam); Elliot, Auk, 1891, p. 15 (Kinabatangan River).

Lophura ignita, Grant (nee Shaw & Nodder), Cat. B. Brit. Mus. xxii. p. 288.

Lophura nobilis. Büttik. Notes Leyd. Mus. xvii. p. 175 (1895); Sharpe, Hand-l. B. i. p. 34 (1999).

a. ♂ ad. Lamag, Feb. 7, 1902. "Peggar or Ayum Outan."
Bill dull yellow; feet dirty white; iris red.

b. ♂ ad. Lamag, March 1902.

Bill dull sage-green; feet slate-colour.

Mr. Ogilvie-Grant attaches to this species the name of *L. ignita* (Shaw & Nodder, Nat. Misc. ix. p. 321). Dr. Büttikofer, on the other hand, rejects the name for the Bornean bird, and believes that the habitat of *L. ignita* is still unknown, though it may be Sumatra. In any case the Bornean bird can scarcely be the one figured by Shaw and Nodder, as it is represented as having the thighs red like the flanks, whereas in *L. nobilis* they are black.

3. *ARGUSIANUS GRAYI*.

Argus grayi. Elliot, Ibis, 1865, p. 423 (Borneo); id. Auk, 1891, p. 14 (N.E. Borneo).

Argusianus grayi (Elliot); Guillem. P. Z. S. 1885, p. 416

(Silam : Sandakan) ; Everett, List B. Borneo, p. 197 ; Grant, Cat. B. Brit. Mus. xxii. p. 365 (1893).

a, b. Ad. Lamag, April 1902. "Kruhi."

Bill dull yellow ; feet bright red ; bare skin of head dark blue ; iris red.

Family C O L U M B I D Æ.

4. OSMOTRERON VERNANS.

Treton vernans (Linn.) ; Sharpe, P. Z. S. 1881, p. 799 (Sandakan) ; Everett, B. Borneo, p. 196.

Osmotreron vernans, Guillem. P. Z. S. 1885, p. 416 (Kimanis River) ; Salvad. Cat. B. Brit. Mus. xxi. p. 60 (1893).

a. Ad. Lamag, March 1902. "Poeni Seol."

Bill greyish blue ; feet very dark pink ; iris yellow.

5. OSMOTRERON OLAX.

Treton olax (Temm.) ; Nicholson, Ibis, 1883, p. 90 (Silam) ; Everett, List B. Borneo, p. 196 ; Elliot, Auk, 1891, p. 13 (Suanlamba River).

Osmotreron olax, Guillem. P. Z. S. 1885, p. 416 (Silam) ; Salvad. Cat. B. Brit. Mus. xxi. p. 64.

a. Ad. Lamag, March 1902. "Poeni Seol."

Bill bluish grey ; feet waxy pink ; iris yellow.

6. CARPOPHAGA ÆNEA.

Carpophaga ænea (Linn.) ; Sharpe, P. Z. S. 1881, p. 799 (Sandakan) ; Everett, List B. Borneo, p. 194 ; Elliot, Auk, 1891, p. 14 (Kinabatangan River) ; Salvad. Cat. B. Brit. Mus. xxi. p. 190.

a, b. Ad. Lamag, March 1902. "Pergam."

Bill greyish blue ; feet blackish crimson ; iris red.

7. TURTUR TIGRINUS.

Spiloptila tigrina (Temm.) ; Sharpe, P. Z. S. 1881, p. 799 (Sandakan).

Turtur tigrina, Everett, List B. Borneo, p. 193.

Turtur tigrinus, Salvad. Cat. B. Brit. Mus. xxi. p. 440.

a, b. Ad. et imm. Lamag, Dec. 1901. "Tapokour."

Bill and feet black ; iris yellow.

c. Ad. Lamag, March 1902.

Feet deep crimson ; iris white.

8. CHALCOPHAPS INDICA.

Chalcophaps indica (Linn.); Guillem. P. Z. S. 1885, p. 416 (Kudat, N.E. Borneo : Banguay Isl.) ; Everett, List B. Borneo, p. 194 ; Salvad. Cat. B. Brit. Mus. xxi. p. 514.

a. Ad. Lamag, Feb. 7, 1902. "Limboh or Poeni tanah."
Bill bright red ; feet black ; iris red.

b. Ad. Lamag, Feb. 1902.
Bill and feet dirty grey.

Family RALLIDÆ.

9. AMAURORNIS PHÆNICURA.

Erythra phœnicura (Forst.) ; Sharpe, P. Z. S. 1881, p. 800 (Sandakan) ; Everett, List B. Borneo, p. 202.

Amaurornis phœnicura, Sharpe, Cat. B. Brit. Mus. xxiii. p. 156 (1894).

a, b. Ad. Lamag, April 1902. "Wah wah."

Bill tipped with black, lower mandible green ; feet reddish black ; eyes black.

Family SCOLOPACIDÆ.

10. TRINGOIDES HYPOLEUCUS.

Tringoides hypoleucus (Linn.) ; Sharpe, P. Z. S. 1881, p. 800 (Sandakan) ; Guillem. P. Z. S. 1885, p. 417 (Sandakan Bay) ; Everett, List B. Borneo, p. 208 ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 456 (1896).

Actitis hypoleucus, Elliot, Auk, 1891, p. 16 (Bahala).

a. Ad. Lamag, Oct. 1901.

Bill black ; feet pale slate-colour ; eyes black.

11. GALLINAGO STENURA.

Gallinago stenura (Kuhl) ; Guillem. P. Z. S. 1885, p. 417 (Silam) ; Everett, List B. Borneo, p. 206 ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 619.

a. Ad. Lamag, Jan. 1902. "BreKay."

Bill dirty yellow to black ; feet deep brown ; eyes black.

12. GALLINAGO GALLINAGO.

Gallinago scolopacina, Bp. ; Everett, List B. Borneo, p. 206.

Gallinago gallinago (Linn.) ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 633.

a. Ad. Lamag, Jan. 1902. "Brenkay."
Bill dirty yellow to black ; feet black ; eyes black.

Family ARDEIDÆ.

13. HERODIAS ALBA.

Herodias alba (Linn.) ; Sharpe, Cat. B. Brit. Mus. xxvi.
p. 90 (1898).

a. Ad. Lamag, Feb. 7, 1902. "Bangow."
Bill and feet black ; iris yellow.

This and the following species do not appear to have been previously recorded from Borneo.

14. HERODIAS TIMORIENSIS.

Herodias timoriensis (Cuv.) ; Sharpe, Cat. B. Brit. Mus. xxvi.
p. 98 (1898).

a. Ad. Lamag, Oct. 1901. "Paddy or Rice-bird."
Bill yellow ; feet black ; iris yellow.

15. NYCTICORAX NYCTICORAX.

Nycticorax griseus (Linn.) ; Everett, List B. Borneo, p. 190.
Nycticorax nycticorax (Linn.) ; Sharpe, Cat. B. Brit. Mus.
xxiv. p. 146.

a. Imm. Lamag, Dec. 1901. "Kooay."

Bill black above, dirty yellow below ; feet pale green ; iris yellow.

This bird has not been obtained by previous collectors in North-east Borneo.

16. NANNOCNUS EURYTHMUS.

Ardetta eurhythmus, Swinh. ; Everett, List B. Borneo, p. 190.
Nannocnus eurhythmus, Sharpe, Cat. B. Brit. Mus. xxvi.
p. 242.

a. Ad. Lamag, Nov. 1901.

Bill black above, yellow beneath ; feet pale green to yellow ;
iris yellow.

17. DISSÖURA STORMI.

Dissöura stormi (W. Blasius) ; Sharpe, Hand-l. B. i. p. 190
(1899) ; Finsch, Orn. MB. xii. p. 94 (1904).

Dissura mortoni, Grant, Bull. B. O. C. xiii. p. 26 (1902 ;
Sinunjan River, Sarawak) ; id. Ibis, 1903, p. 146, pl. v.

a. Ad. Lamag, May 1902.

Bill vivid red ; legs and feet dark red ; iris yellow.

Family FALCONIDÆ.

18. SPIZAËTUS ALBONIGER.

Spizaëtus alboniger (Blyth) ; Sharpe, Cat. B. Brit. Mus. i. p. 271 (1874) ; Everett, List B. Borneo, p. 181 ; Sharpe, Hand-l. B. i. p. 264 (1899).

a. Imm. Lamag, Jan. 1902. "Lang Jambul."

Bill black ; feet yellow ; iris yellow.

19. SPIZAËTUS LIMNAËTUS.

Spizaëtus limnaëtus (Horsf.) ; Sharpe, P. Z. S. 1881, p. 791 (Sandakan) ; Everett, List B. Borneo, p. 181 ; Sharpe, Hand-l. B. i. p. 264.

a. Ad. Lamag, April 1902.

Bill black ; feet dull yellow ; iris yellow.

This specimen is uniform black.

20. SPILORNIS PALLIDUS.

Spilornis pallidus, Wald. ; Sharpe, P. Z. S. 1881, p. 791 (Sandakan) ; Guillem. P. Z. S. 1885, p. 404 (Silam, Darvil Bay) ; Everett, List B. Borneo, p. 182 ; Elliot, Auk, 1891, p. 13 (N.E. Borneo) ; Sharpe, Hand-l. B. i. p. 266.

a. Ad. Lamag, Nov. 1901.

Bill very deep green to black ; feet yellow ; iris yellow.

b. Ad. Lamag, Jan. 1902. "Lang Booree."

Bill dirty yellowish black ; feet dirty yellow.

21. BUTASTUR INDICUS.

Butastur indicus (Gm.) ; Nicholson Ibis, 1883, p. 86 (Segilind River) ; Everett, List B. Borneo, p. 182 ; Elliot, Auk, 1891, p. 13 (Sandakan) ; Sharpe, Hand-l. B. i. p. 266.

a, b. Ad. et imm. Lamag, Nov. 1901.

Bill yellow tipped with black ; feet yellow ; iris yellow.

c. Ad. Lamag, Dec. 1901. "Lang Buree."

Feet yellow with black scales.

22. HALIASTUR INTERMEDIUS.

Haliastur intermedius, Gurney ; Sharpe, P. Z. S. 1881, p. 791

(Sandakan); Everett, List B. Borneo, p. 183; Sharpe, Hand-l. B. i. p. 268.

a. Imm. Lamag, March 1902.

Bill dirty blue; feet whitish yellow; iris yellow.

b. Ad. Lamag, June 1902. "Lang Merah."

23. *MICROHIERAX LATIFRONS*.

Microhierax latifrons, Sharpe, Ibis, 1879, p. 237, pl. vii. (Lawas River); id. P. Z. S. 1881, p. 790 (Sandakan); Nicholson, Ibis, 1883, p. 86 (Segilind River); Guillem. P. Z. S. 1885, p. 404 (Silam); Everett, List B. Borneo, p. 185; Sharpe, Hand-l. B. i. p. 273.

a. Ad. Lamag, Dec. 1901. "Sewa."

Bill and feet black; eyes black.

b. Ad. Lamag, Jan. 1902. "Scuwa (Sewa)."

Iris red, pupil black.

Family BUBONIDÆ.

24. *KETUPA KETUPA*.

Ketupa ketupa (Horsf.); Sharpe, P. Z. S. 1881, p. 791 (Sandakan); Elliot, Auk, 1891, p. 12 (Suanlamba River); Sharpe, Hand-l. B. i. p. 281.

Ketupa javanensis, Less.; Everett, List B. Borneo, p. 177.

a, b. Ad. Lamag, Oct. 1901.

Bill black; feet whitish brown to black; iris yellow.

25. *NINOX SCUTULATA*.

Ninox scutulata (Raffl.); Sharpe, P. Z. S. 1881, p. 791 (Sandakan); Everett, List B. Borneo, p. 179; Sharpe, Hand-l. B. i. p. 290.

a, b. Ad. Lamag, Oct. 1901.

Bill black, tipped with yellow; feet yellow; iris yellow.

Family PSITTACIDÆ.

26. *PALÆORNIS LONGICAUDA*.

Palæornis longicauda (Bodd.); Everett, List B. Borneo, p. 177; Salvad. Cat. B. Brit. Mus. xx. p. 475 (1890); Elliot, Auk, 1891, p. 12 (Sandakan River).

a. Ad. Lamag, April 1902. "Bayan Parroquet."

Bill red, tipped with yellow; feet black; eyes black.

27. LORICULUS GALGULUS.

Loriculus galgulus (Linn.); Sharpe, P. Z. S. 1881, p. 791 (Sandakan); Nicholson, Ibis, 1883, p. 86 (Segilind River); Guillem. P. Z. S. 1885, p. 404 (Silam); Everett, List B. Borneo, p. 177; Salvad. Cat. B. Brit. Mus. xx. p. 531; Elliot, Auk, 1891, p. 12 (Sandakan River).

a, b, c, d. Ad. et imm. Lamag, Dec. 1901. "Serindit."

Bill and feet black; eyes black.

e. ♀ ad. Lamag, Dec. 1901. "Seringit."

Bill yellow, tipped with black; feet yellow.

28. EURYSTOMUS ORIENTALIS.

Eurystomus orientalis (Linn.); Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Everett, List B. Borneo, p. 165; Elliot, Auk, 1891, p. 11 (Sandakan); Sharpe, Cat. B. Brit. Mus. xvii. p. 33, pl. ii. fig. 1 (1892).

a. Ad. Lamag, Nov. 1901. "Sun bird."

Bill and feet dull red; eyes black.

29. EURYSTOMUS CALONYX.

Eurystomus calonyx Hodgs.; Sharpe, Cat. B. Brit. Mus. xvii. p. 38, pl. 2. fig. 2 (1892); id. Hand-l. B. ii. p. 47 (1900).

a, b. Imm. Lamag, Nov. 1901. "Tiong Batu."

Bill, upper mandible black, lower mandible red; feet red; eyes black.

Family ALCEDINIDÆ.

30. PELARGOPSIS LEUCOCEPHALA.

Pelargopsis leucocephala (Gm.); Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Guillem. P. Z. S. 1885, p. 407 (Sigalind River); Everett, List B. Borneo, p. 159; Sharpe, Cat. B. Brit. Mus. xvii. p. 98.

a. Ad. Lamag, March 1902. "Pĕkaka."

Bill deep red, tipped with black; iris red.

b. Ad. Lamag, June 1902. "Perkaka."

Bill and feet red; eyes black.

31. HALCYON COROMANDUS.

Halcyon coromanda (Lath.); Sharpe, P. Z. S. 1881, p. 793

(Sandakan) ; Guillem. P. Z. S. 1885, p. 407 (Silam) ; Everett, List B. Borneo, p. 160 ; Elliot, Auk, 1890, p. 10 (Sandakan).

Halcyon coromandus, Sharpe, Cat. B. Brit. Mus. xvii. p. 217.

a. Ad. Lamag, Jan. 1902. "Perkaka."

Bill and feet red ; eyes black.

b, c. Ad. Lamag, April 1902.

32. HALCYON PILEATUS.

Halcyon pileata (Bodl.) ; Everett, List B. Borneo, p. 160 ; Elliot, Auk, 1891, p. 10 (Sapagaya River).

Halcyon pileatus, Sharpe, Cat. B. Brit. Mus. xvii. p. 229.

a, b. Ad. Lamag, Oct. 1901.

Bill and feet deep red ; eyes black.

c. Ad. Lamag, Nov. 1901.

33. ALCEDO ISPIDA.

Alcedo ispida, Linn. ; Sharpe, Cat. B. Brit. Mus. xvii. p. 141.

Alcedo bengalensis, Gm. ; Guillem. P. Z. S. 1885, p. 407 (Sigalind River) ; Everett, List B. Borneo, p. 158.

a. Ad. Lamag, Oct. 1901.

Bill, above black, below orange ; feet pale red.

b. Ad. Lamag, Nov. 1901.

Bill black ; feet vivid red ; eyes black.

34. ALCEDO MENINTING.

Alcedo meninting, Horsf. ; Nicholson, Ibis, 1883, p. 89 (Silam) ; Elliot, Auk, 1891, p. 10 (Sandakan) ; Sharpe, Cat. B. Brit. Mus. xvii. p. 157.

Alcedo asiatica, Swains. ; Everett, List B. Borneo, p. 159.

a. Ad. Lamag, Jan. 1902. "Perkaka."

Bill black ; feet transparent scarlet ; iris red.

35. CEYX DILLWYNNI.

Ceyx dillwynni, Sharpe, P. Z. S. 1868, p. 591 ; id. 1881, p. 793 (Sandakan) ; Nicholson, Ibis, 1883, p. 89 (Silam) ; Guillem. P. Z. S. 1885, p. 407 (Silam) ; Everett, List B. Borneo, p. 160 ; Sharpe, Cat. B. Brit. Mus. xvii. p. 177.

a. Ad. Lamag, Oct. 1901.

Bill and feet vivid red ; eyes black.

b, c. Ad. Lamag, April 1902.

Family BUCEROTIDÆ.

36. ANTHRACOCEROS CONVEXUS.

Anthracoceros convexus (Temm.); Everett, List B. Borneo, p. 162; Elliot, Auk, 1891, p. 9 (Kinabatangan River); Grant, Cat. B. Brit. Mus. xvii. p. 364 (1892).

a. Ad. Lamag, Oct. 1901. "Kelengkin."

Bill white, with black tip; feet black; eyes black.

b. Ad. Lamag, Dec. 1901.

Bill horn-white, tip black.

37. RHINOPLAX VIGIL.

Rhinoplax vigil (Forst.); Everett, List B. Borneo, p. 162; Grant, Cat. B. Brit. Mus. xvii. p. 427.

a. Ad. Lamag, Nov. 1901.

Bill and front of casque yellow; casque and base of lower mandible deep red; feet deep red; iris red.

Family MEROPIDÆ.

38. MEROPS SUMATRANUS.

Merops sumatranus, Raffl.; Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Everett, List B. Borneo, p. 164; Sharpe, Cat. B. Brit. Mus. xvii. p. 61.

Merops bicolor, Guillem. (nec Bodd.) P. Z. S. 1885, p. 406 (Kimanis River; Abai; Silam).

a. Ad. Lamag, Dec. 1901. "Quaran."

Bill and feet black; iris red.

b. Ad. Lamag, Jan. 1902. "Koarin."

39. NYCTIORNIS AMICTA.

Nyctiornis amicta (Temm.); Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River); Guillem. P. Z. S. 1885, p. 407 (Silam; Sandakan); Everett, List B. Borneo, p. 164; Elliot, Auk, 1891, p. 11 (Sandakan River); Sharpe, Cat. B. Brit. Mus. xvii. p. 90.

a. Ad. Lamag, Oct. 1901.

Bill and feet black; iris red.

b. Ad. Lamag, Nov. 1901.

c. Ad. Lamag, Dec. 1901. "Ko-kok."

Feeds mostly on grubs, grasshoppers, &c., found inside of folded leaves.

Collection of Birds from Sandakan.

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Family CAPRIMULGIDÆ.

40. CAPRIMULGUS JOTAKA.

Caprimulgus jotaka, Temm. & Schl.; Hartert, Cat. B. Brit. Mus. xvii. p. 552 (1892).

a. Ad. Lamag, Dec. 1901. "Lang Seekap."
Bill and feet yellowish black; iris yellow.

Family CYPSELIDÆ.

41. MACROPTERYX LONGIPENNIS.

Macropteryx longipennis (Rafin.); Everett, List B. Borneo, p. 152; Hartert, Cat. B. Brit. Mus. xvi. p. 514.

Dendrochelidon longipennis, Elliot, Auk, 1890, p. 359 (Sandakan).

a, b, c. Ad. Lamag, May 1902. "Le-lyon."
Bill and feet black; eyes black.

Family TROGONIDÆ.

42. HARPACTES DUVAUCELLI.

Harpactes duvauceli (Temm.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 86 (Segilind River); Everett, List B. Borneo, p. 166; Elliot, Auk, 1890, p. 359 (Sandakan); Grant, Cat. B. Brit. Mus. xvii. p. 491.

a. ♂ ad. Lamag, Dec. 1901. "Butterfly-Catcher."
Bill blue-black; feet black; eyes black.

43. HARPACTES DIARDI.

Harpactes diardi (Temm.); Sharpe, P. Z. S. 1881, p. 791 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Silam); Everett, List B. Borneo, p. 166; Elliot, Auk, 1890, p. 359 (Sandakan); Grant, Cat. B. Brit. Mus. xvii. p. 482.

a. ♀ ad. Lamag, Dec. 1901. "Butterfly-Catcher."
Bill black; feet pale brown; iris red, pupil black.

44. HARPACTES KASUMBA.

Harpactes kasumba (Raffl.); Sharpe, P. Z. S. 1881, p. 791 (Sandakan); Everett, List B. Borneo, p. 166; Elliot, Auk, 1890, p. 359 (Sandakan); Grant, Cat. B. Brit. Mus. xvii. p. 483.

a. Ad. Lamag, Oct. 1901. "Butterfly-Catcher."
Bill and feet blue-black; eyes black.

Family CUCULIDÆ.

45. CUCULUS INTERMEDIUS.

Cuculus intermedius, Vahl; Shelley, Cat. B. Brit. Mus. xix. p. 252 (1891).

Cuculus canorinus, Cab. & Heine; Everett, List B. Borneo, p. 169.

a. Imm. Lamag, April 1902. "Chandek."

Bill black; feet yellow; eyes black.

46. CENTROPUS SINENSIS.

Centropus sinensis (Steph.); Shelley, Cat. B. Brit. Mus. xix. p. 343.

Centrococyx eurycercus (Hay); Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Guillem. P. Z. S. 1885, p. 406 (Sandakan); Everett, List B. Borneo, p. 175.

a. Ad. Lamag, Feb. 7, 1902. "Boobot."

Bill and feet black; iris red.

47. CENTROPUS JAVANICUS.

Centropus javanicus (Dumont); Shelley, Cat. B. Brit. Mus. xix. p. 354.

Centrococyx javanicus, Everett, List B. Borneo, p. 175.

a. Imm. Lamag, Nov. 1901. "Burbot."

Bill and feet black; eyes black.

b. Ad. Lamag, Dec. 1901.

Nests on the ground. Feeds on grubs &c. picked up from the ground.

48. ZANCLOSTOMUS JAVANICUS.

Zanclostomus javanicus (Horsf.); Sharpe, P. Z. S. 1881, p. 793 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River); Everett, List B. Borneo, p. 175; Elliot, Auk, 1891, p. 11 (Kinabatangan River); Shelley, Cat. B. Brit. Mus. xix. p. 380.

a. Ad. Lamag, Oct. 1901.

Bill red; feet slate-colour.

b. Ad. Lamag, Oct. 1901.

Bill deep red; iris red.

49. UROCOCCYX MICRORHINUS.

Phœnicophaes microrhinus, Berlepsch, Nov. Zool. ii. p. 70 (1895).

Urococcyx microrhinus, Sharpe, Hand-l. B. ii. p. 172 (1900).

Rhopodytes erythrognathus, Sharpe (nec Hartl.), P. Z. S. 1881, p. 793 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Silam); Elliot, Auk, viii. p. 11 (1891: Suaulamba).

Rhamphococcyx erythrognathus, Guillem. (nec Hartl.) P. Z. S. 1885, p. 406 (Sandakan: Silam); Everett, List B. Borneo, p. 174.

a, b. Ad. Lamag, Oct. 1901.

Bill, above pale green, below dark red; feet slate-colour; iris red.

c. Ad. Lamag, Nov. 1901.

d. Ad. „ March 1902. Bill sage-green.

Lives on caterpillars, &c., found among leaves in dead jungle.

Although not sexed, these specimens apparently consist of two males and two females, the former having a whitish supra-ocular stripe, while the others have the cheeks and throat grey, which colour does not occur in the supposed males. The bill itself does not appear to be smaller in the Bornean bird, but the nostril is more oval and of a different shape to that of *U. erythrognathus*.

50. RHINORTHA CHLOROPHÆA.

Rhinorhtha chlorophæa (Raffl.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River), p. 89 (Silam); Guillem. P. Z. S. 1885, p. 406 (Silam: Sandakan); Everett, List B. Borneo, p. 173; Elliot, Auk, 1891, p. 11 (Suanelamba River); Shelley, Cat. B. Brit. Mus. xix. p. 393.

a. Ad. Lamag, Nov. 1901.

Bill and feet black; eyes black. Feeds on insects.

Family CAPITONIDÆ.

51. CHOTORHEA CHRYSOPSIS.

Megalæma chrysopsis, Goffin; Nicholson, Ibis, 1883, p. 87 (Segilind River); Everett, List B. Borneo, p. 167.

Chotorhea chrysopsis, Shelley, Cat. B. Brit. Mus. xix. p. 59 (1891); Sharpe, Hand-l. B. ii. p. 183 (1900).

a. Ad. Lamag, Nov. 1901. "Jodock."

Bill and feet black; iris red. Feeds on fruit.

52. CYANOPS MYSTACOPHANES.

Megalema mystacophanes (Temm.); Nicholson, Ibis, 1883, p. 87 (Segilind River), p. 89 (Silam).

Megalema mystacophanus, Everett, List B. Borneo, p. 167.

Chotorea mystacophanes, Guillem. P. Z. S. 1885, p. 405 (Usukan Bay: Silam).

Cyanops mystacophanes, Shelley, Cat. B. Brit. Mus. xix. p. 72.

a. Ad. Lamag, April 1902. "Choduk."

Bill and feet black; iris yellow.

53. MESOBUCCO DUVAUCELLI.

Xantholema duvauceli (Less.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Guillem. P. Z. S. 1885, p. 405 (Silam); Everett, List B. Borneo, p. 168; Elliot, Auk, 1891, p. 8 (Sandakan).

Mesobucco duvauceli, Shelley, Cat. B. Brit. Mus. xix. p. 85.

a. Ad. Lamag, Nov. 1901. "Jodock Ketchil."

Bill and feet black; iris red.

Family PICIDÆ.

54. GECINUS PUNICEUS.

Callolophus puniceus (Horsf.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River); Guillem. P. Z. S. 1885, p. 405 (Silam).

Gecinus puniceus, Everett, List B. Borneo, p. 156; Hargitt, Cat. B. Brit. Mus. xviii. p. 64 (1890).

a. Ad. Lamag, Nov. 1901.

Bill black above, yellow below; feet brown with green scales; iris red.

55. CHRYSOPHLEGMA MALACCENSE.

Callolophus malaccensis (Lath.); Nichols. Ibis, 1883, p. 87 (Segilind River).

Chrysophlegma malaccense, Everett, List B. Borneo, p. 155; Hargitt, Cat. B. Brit. Mus. xviii. p. 122.

Chrysophlegma malaccensis, Elliot, Auk, 1891, p. 7 (Kinabatangan River).

a. Ad. Lamag, Oct. 1901.

Bill black; feet deep brown; iris red.

b. Ad. Lamag, Jan. 1902. "Blato."

Bill black above, pale beneath; feet black.

56. CHRYSOPHLEGMA HUMELI.

Callolophus mentalis, Nicholson (nec Temm.), Ibis, 1883, p. 87 (Segilind River), p. 89 (Silam); Guillem. P. Z. S. 1885, p. 405 (Silam: Sandakan).

Chrysophlegma humei, Hargitt; Everett, List B. Borneo, p. 155; Hargitt, Cat. B. Brit. Mus. xviii. p. 126.

Chrysophlegma mentalis, Elliot (nec Temm.), Auk, 1891, p. 7 (Suanlamba River).

a. Ad. Lamag, Jan. 1902. "Blato."

Bill and feet black; iris yellow.

57. GAUROPICOIDES RAFFLESI.

Gauropicoides rafflesi (Vig.); Everett, List B. Borneo, p. 157; Hargitt, Cat. B. Brit. Mus. xviii. p. 132.

a. Ad. Lamag, April 1902. "Blato."

Bill and feet black; iris yellow.

58. CHRYSOCOLAPTES VALIDUS.

Xylolopes validus (Temm.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River); Guillem. P. Z. S. 1885, p. 405 (Silam: Sandakan); Everett, List B. Borneo, p. 154; Elliot, Auk, 1891, p. 7 (Sandakan).

Chrysocolaptes validus, Hargitt, Cat. B. Brit. Mus. xviii. p. 458.

a, b. Ad. Lamag, Jan. 1902. "Blato."

Bill yellowish brown; feet deep brown; iris yellow.

c. ♂ ad. Lamag, April 1902.

Bill black above, yellow below; feet black.

d. ♀ ad. Lamag, April 1902.

Bill black above, dull white below; eyes black.

59. MICROPTERNUS BADIUSUS.

Micropternus badiusus (Temm.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Silam); Everett, List B. Borneo, p. 158; Hargitt, Cat. B. Brit. Mus. xviii. p. 400; Elliot, Auk, 1891, p. 8 (Sapagaya River).

a, b. Ad. Lamag, Oct. 1900.

Bill black; feet dark brown; eyes black.

c, d. Ad. Lamag, March 1902. "Blato."

Bill and feet black; iris red.

60. MIGLYPTES GRAMMITHORAX.

Miglyptes tristis, Sharpe (nec Horsf.), P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 87 (Segilind River); Guillem. P. Z. S. 1885, p. 405 (Silam : Sandakan).

Miglyptes grammithorax (Mallh.); Everett, List B. Borneo, p. 158; Hargitt, Cat. B. Brit. Mus. xviii. p. 385.

a, b. Ad. Lamag, March 1902. "Blato."

Bill and feet black; iris yellow.

61. ALOPHONERPES PULVERULENTUS.

Alophonerpes pulverulentus (Temm.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); id. Hand-l. B. ii. p. 230 (1900).

Mulleripicus pulverulentus, Everett, List B. Borneo, p. 156.

Hemilophus pulverulentus, Hargitt, Cat. B. Brit. Mus. xviii. p. 494.

a, b. ♂ ♀ ad. Lamag, Nov. 1901.

Bill horn-colour; feet black; eyes black.

62. THRIPONAX JAVENSIS.

Thriponax javensis (Horsf.); Sharpe, P. Z. S. 1881, p. 792 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Silam); Everett, List B. Borneo, p. 157; Hargitt, Cat. B. Brit. Mus. xviii. p. 498; Elliot, Auk, 1891, p. 7 (Sandakan).

a, b. Ad. Lamag, Jan. 1902.

Bill and feet black; iris red.

Family EURYLÆMIDÆ.

63. EURYLÆMUS JAVANICUS.

Eurylæmus javanicus, Horsf.; Nicholson, Ibis, 1883, p. 88 (Segilind River); Guillem. P. Z. S. 1885, p. 407 (Silam); Selater, Cat. B. Brit. Mus. xiv. p. 463 (1888); Everett, List B. Borneo, p. 150; Hartert, in Wytsman's Genera Avium, Euryl. p. 5 (1903).

Eurylaimus javanicus, Elliot, Auk, 1890, p. 357 (Kina-batangan River).

a. Ad. Lamag, Oct. 1901.

Bill pale greenish blue; feet yellowish.

b. Ad. Lamag, Oct. 1901.

Bill vivid sky-blue tipped with black; feet light slate-colour; eyes black.

64. EURYLÆMUS OCHROMELAS.

Eurylæmus ochromelas Raffl. ; Sharpe, P. Z. S. 1881, p. 798 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Segilind River); Guillem. P. Z. S. 1885, p. 407 (Silam); Sclater, Cat. B. Brit. Mus. xiv. p. 465; Everett, List B. Borneo, p. 150.

Eurylainus ochromelas, Elliot, Auk, 1890, p. 357 (Kinabatangan River); Hartert, in Wytsman's Genera Avium, Euryl. p. 5 (1903).

a. Ad. Lamag, Nov. 1901.

Bill black; feet light brown; eyes black.

b. Ad. Lamag, Jan. 1902.

Bill sky-blue; feet deep pink; eyes black, encircled with green.

Feeds on insects.

65. CYMBORHYNCHUS MACRORHYNCHUS.

Cymborhynchus macrorhynchus (Gm.); Sharpe, P. Z. S. 1881, p. 798 (Sandakan); Nicholson, Ibis, 1883, p. 89 (Segilind River); Guillem. P. Z. S. 1885, p. 408 (Silam); Sclater, Cat. B. Brit. Mus. xiv. p. 468; Everett, List B. Borneo, p. 151; Elliot, Auk, 1890, p. 357 (Kinabatangan River).

Cymbirhynchus macrorhynchus macrorhynchus, Hartert, in Wytsman's Genera Avium, Euryl. p. 7 (1905: Borneo).

a, b. Ad. Lamag, Oct. 1901.

Bill vivid sky-blue above, pale green beneath; feet very dark blue; eyes black.

c, d. Ad. Lamag, Jan. 1902. "Jajang."

Pupil black, encircled with red; or pupil black, encircled with blue.

e. Ad. Lamag, May 1902. "Jajam."

Iris blue.

66. CORYDON SUMATRANUS.

Corydon sumatranus (Raffl.); Nicholson, Ibis, 1883, p. 90 (Silam); Sclater, Cat. B. Brit. Mus. xiv. p. 466; Everett, List B. Borneo, p. 151; Elliot, Auk, 1890, p. 358 (Sandakan); Hartert, in Wytsman's Genera Avium, Euryl. p. 4 (1903).

a, b. Ad. Lamag, Nov. 1901.

Bill blotched with yellow, pale purple at tip; feet black; eyes black.

67. CALYPTOMENA VIRIDIS.

Calyptomena viridis, Raffl.; Sharpe, P. Z. S. 1881, p. 798 (Sandakan); Guillem. P. Z. S. 1885, p. 407 (Silan); Selater, Cat. B. Brit. Mus. xiv. p. 456; Everett, List B. Borneo, p. 150; Hartert, in Wytzman's Genera Avium, p. 3 (1903).

a. Ad. Lamag, Jan. 1902.

Bill black, tipped with yellow; feet black; eyes black.

b. Ad. Lamag, April 1902.

68. PITTA CYANOPTERA.

Pitta cyanoptera, Temm.; Nicholson, Ibis, 1883, p. 88 (Segilind River); Selater, Cat. B. Brit. Mus. xiv. p. 420; Everett, List B. Borneo, p. 147.

a. Ad. Lamag, Oct. 1901. "Ground Bird."

Bill black; feet pale yellowish-brown; eyes black.

69. PITTA MÜLLERI.

Pitta muelleri (Bp.); Sharpe, P. Z. S. 1881, p. 798 (Sandakan); Nicholson, Ibis, 1883, p. 88 (Segilind River); Guillem. P. Z. S. 1885, p. 413 (Silan); Selater, Cat. B. Brit. Mus. xiv. p. 439; Everett, List B. Borneo, p. 149.

a. Ad. (in moult). Lamag, Oct. 1901.

Bill black; feet pale slate-colour; eyes black. This specimen, which is moulting, has the head and neck bare.

b. Ad. Lamag, May 1902.

Family CAMPOPHAGIDÆ.

70. ARTAMIDES SUMATRENSIS.

Artamides sumatrensis (S. Müll.); Sharpe, Cat. B. Brit. Mus. iv. p. 12 (1879); Everett, List B. Borneo, p. 125.

a. Ad. Lamag, Dec. 1901. "Beri Beri."

Bill and feet black; iris white. Insectivorous.

b, c. Ad. Lamag, Jan. 1902. "Beri Berik."

71. PERICROCOTUS CINEREUS.

Pericrocotus cinereus, Lafr.; Sharpe, Cat. B. Brit. Mus. iv. p. 83; Everett, List B. Borneo, p. 126.

a, b. Ad. Lamag, March 1902.

Bill and feet black; eyes black.

Family MUSCICAPIDÆ.

72. RHIPIDURA JAVANICA.

Rhipidura javanica (Sparrm.); Sharpe, Cat. B. Brit. Mus. iv. p. 332; id. P. Z. S. 1881, p. 794 (Sandakan); Guillem. P. Z. S. 1885, p. 408 (Segalind River); Everett, List B. Borneo, p. 129.
a. Ad. Lamag, May 1902. "Mpah 'Mpah."
 Bill and feet black; eyes black.

73. TCHITREA AFFINIS.

Terpsiphone affinis (Blyth); Sharpe, Cat. B. Brit. Mus. iv. p. 349; id. P. Z. S. 1881, p. 794 (Sandakan); Nicholson, Ibis, 1883, p. 90 (Silam); Guillem. P. Z. S. 1885, p. 408 (Silam); Everett, List B. Borneo, p. 130; Elliot, Auk, 1890, p. 353 (Sandakan).

a. Ad. Lamag, Nov. 1901.

Bill and feet black; eyes black.

b. Ad. Lamag, March 1902. Iris blue.

c. Ad. imm. Lamag, May 1902. "Mpah 'Mpah."

74. PHILENTOMA VELATUM.

Philentoma velatum (Temm.); Sharpe, Cat. B. Brit. Mus. iv. p. 365; id. P. Z. S. 1881, p. 794 (Sandakan); Guillem. P. Z. S. 1885, p. 409 (Silam); Everett, List B. Borneo, p. 130.

a. Ad. Lamag, Jan. 1902. "Mirba Kumbang."

Bill and feet black; iris red.

75. SIPHIA ELEGANS.

Siphia elegans (Temm.); Sharpe, Cat. B. Brit. Mus. iv. p. 447; Everett, List B. Borneo, p. 132; Finsch, Notes Leyden Mus. xxiii. p. 44 (1901).

Siphia turcosa, Brügg. ; Sharpe, Cat. B. Brit. Mus. iv. p. 453.

a. Ad. Lamag, Nov. 1901.

Bill and feet black; eyes black.

b, c. ♂ ♀ ad. Lamag, April 1902. "Perenchit."

d, e. ♂ ♀ ad. Lamag, May 1902.

There is no doubt that *C. turcosa* is the female of *C. elegans*, as pointed out by Dr. Finsch, whose conclusions are borne out by such of the series in the British Museum as have their sexes determined. We quite accept Dr. Finsch's conclusions.

Family PYCNONOTIDÆ.

76. ÆGITHINA VIRIDIS.

Ægithina viridis (Bp.); Sharpe, P. Z. S. 1881, p. 796 (Sandakan); id. Cat. B. Brit. Mus. vi. p. 11 (1881); Guillem. P. Z. S. 1885, p. 412 (Cape Sapanmangio); Everett, List B. Borneo, p. 116.

a. Ad. Lamag, Oct. 1901.

Bill and feet black.

b. Ad. Lamag, Dec. 1901.

Bill bluish black; feet black; iris yellow, pupil black.

77. CHLOROPSIS CYANOPOGON.

Chloropsis cyanopogon (Temm.); Nichols, Ibis, 1883, p. 90 (Silam); Sharpe, Cat. B. Brit. Mus. vi. p. 32; Guillem. P. Z. S. 1885, p. 412 (Silam: Sandakan); Everett, List B. Borneo, p. 116.

a. Ad. Lamag, Dec. 1901.

Bill and feet black; eyes black.

78. CHLOROPSIS ZOSTEROPS.

Chloropsis zosterops, Vig.; Sharpe, P. Z. S. 1881, p. 796 (Sandakan); id. Cat. B. Brit. Mus. vi. p. 24; Nicholson, Ibis, 1883, p. 88 (Segilind River); Guillem. P. Z. S. 1885, p. 412 (Silam); Everett, List B. Borneo, p. 116; Elliot, Auk, 1890, p. 349 (Sandakan).

a. Ad. Lamag, Nov. 1901.

Bill and feet black; eyes black. Feeds on insects and grubs found on the green foliage.

79. MICROPUS MELANOCEPHALUS.

Micropus melanocephalus (Gm.); Sharpe, P. Z. S. 1881, p. 797 (Sandakan); id. Cat. B. Brit. Mus. vi. p. 65; Nicholson, Ibis, 1883, p. 90 (Silam); Guillem. P. Z. S. 1885, p. 412 (Silam); Everett, List B. Borneo, p. 112.

a. Ad. Lamag, Dec. 1901.

Bill and feet black; eyes, pupil black encircled with a blue ring.

80. PYCNONOTUS ANALIS.

Pycnonotus analis (Horsf.); Sharpe P. Z. S. 1881, p. 798

(Sandakan); id. Cat. B. Brit. Mus. vi. p. 140; Everett, List B. Borneo, p. 114.

a, b. Ad. Lamag, April 1902. "Merba"

Bill and feet black; eyes black.

81. IRENA CRINIGERA.

Irena crinigera, Sharpe; Nicholson, Ibis, 1883, p. 90 (Silam); Sharpe, Cat. B. Brit. Mus. vi. p. 176; Guillem. P. Z. S. 1885, p. 409 (Silam: Sigilind River); Elliot, Auk, 1890, p. 349 (Sandakan).

Irena crinigera, Everett, List B. Borneo, p. 117.

a, b, c. ♂ ad. Lamag, Nov. 1901. "Merba Kumbang."

Bill and feet black; iris red.

Feeds on the fruit of the Arra tree.

Family TIMELIIDÆ.

82. *MACRONUS PTILOSUS*, Jard. & Selby; Sharpe, P. Z. S. 1881, p. 797 (Sandakan); id. Cat. B. Brit. Mus. vii. p. 583; Everett, List B. Borneo, p. 108.

a, b. Ad. Lamag, May 1902.

Bill and feet black; eyes black.

83. MALACOPTERUM AFFINE.

Malacopterum affine (Blyth); Sharpe, Cat. B. Brit. Mus. vii. p. 569; Everett, List B. Borneo, p. 106.

a, b. Ad. Lamag, April 1902. "Merba."

Bill and feet black; iris yellow.

Family TURDIDÆ.

84. *COPSYCHUS AMÆNUS*.

Copsychus amœnus (Horsf.); Sharpe, P. Z. S. 1881, p. 798 (Sandakan); Everett, List B. Borneo, p. 99.

Copsychus saularis (part.) Sharpe, Cat. B. Brit. Mus. vii. p. 61 (1883).

a, b. Ad. Lamag, Sept. 1901. "Singing bird."

Bill and feet black; eyes black.

85. *CITTOCINCLA STRICKLANDI*.

Cittocincla stricklandi (Mottley & Dillwyn); Sharpe, P. Z. S. 1881 p. 798 (Sandakan); id. Cat. B. Brit. Mus. vii. p. 88;

Everett, List B. Borneo, p. 100; Elliot, Auk, 1890, p. 348 (Sandakan).

a, b. Ad. Lamag, Oct. 1901. "Merba Rimbo."

Bill black; feet pale pink; eyes black.

c. Ad. Lamag, Nov. 1901.

Feet yellowish brown.

86. *HENICURUS BORNEENSIS.*

Henicurus borneensis, Sharpe, Ibis, 1889, p. 277; Everett, List B. Borneo, p. 100.

a. Ad. Lamag, Dec. 1901. "Water-bird."

Bill black; feet whitish yellow; iris red.

Family NECTARINIIDÆ.

87. *ÆTHOPYGA SIPARAJA.*

Æthopyga siparaja (Raffl.); Sharpe, P. Z. S. 1881, p. 796 (Sandakan); Gadow, Cat. B. Brit. Mus. ix. p. 21 (1884); Everett, List B. Borneo, p. 135.

a, b. ♂ ad. et imm.; *c.* ♀ ad. Lamag, Oct. 1901.

Bill deep brown, black at tip; feet deep brown.

88. *ANTHOTHREPTES MALACCENSIS.*

Anthreptes malaccensis (Scop.); Sharpe, P. Z. S. 1881, p. 796 (Sandakan); Everett, List B. Borneo, p. 137.

Anthothreptes malaccensis Gadow, Cat. B. Brit. Mus. ix. p. 122; Guillem. P. Z. S. 1885, p. 411 (Libarran Island: Usukan Bay).

a, b. ♂ ad. Lamag, Oct. 1901.

Bill and feet black; iris red.

c, d. ♀ ad. Lamag, Nov. 1901.

89. *ARACHNOTHERA CHRYSOGENYS.*

Arachnothera chrysoGENYS, Temm.; Gadow, Cat. B. Brit. Mus. ix. p. 108; Guillem. P. Z. S. 1885, p. 411 (Silam); Everett, List B. Borneo, p. 138; Elliot, Auk, 1890, p. 355 (Sandakan).

a. Ad. Lamag, March 1902. "Perinchit."

Bill black; feet yellowish grey; iris red.

90. *ARACHNOTHERA CRASSIROSTRIS.*

Arachnothera crassirostris (Reichenb.); Gadow, Cat. B. Brit.

Mus. ix. p. 102; Guillem. P. Z. S. 1885, p. 411 (Silan); Everett, List B. Borneo, p. 138.

a. Ad. Lamag, April 1902. "Perinchit."
Bill and feet black; iris red.

Family LANIIDÆ.

91. OTOMELA LUCIONENSIS.

Lanius lucionensis, Linn.; Gadow, Cat. B. Brit. Mus. viii. p. 274 (1883); Everett, List B. Borneo, p. 121; Grant, Nov. Zool. ix. p. 461 (1902).

Otomela lucionensis, Sharpe, Hand-l. B. iv. p. 288 (1903).

a, b. Ad. Lamag, April 1903. "Bah bay."
Bill and feet black; iris yellow.

Family DICÆIDÆ.

92. DICÆUM PRYERI.

Dicæum pryeri, Sharpe, P. Z. S. 1881, p. 795 (Sandakan); id. Cat. B. Brit. Mus. x. p. 18 (1885); Everett, List B. Borneo, p. 139.

a, b. ♂ ad. } Lamag, Oct. 1901. "Perinchit."
c. ♀ ad. } Bill and feet black.
d. ♀ ad. Lamag, Dec. 1901.
e, f. ♂ ad. } Lamag, May 1902.
g, h. ♀ ad. } Iris red.

Family MOTACILLIDÆ.

93. MOTACILLA SIMILLIMA.

Motacilla flava, Linn.; Sharpe, Cat. B. Brit. Mus. x. p. 516, pl. vi. figs. 3-5 (1885); Everett, List B. Borneo, p. 102.

Motacilla flava simillima, Hartert, Vög. pal. Faun. Heft iii. p. 289 (1905).

a, b. Ad. Lamag, April 1902.
Bill and feet black; iris yellow.

Family PLOCEIDÆ.

94. MUNIA BRUNNEICEPS.

Munia brunneiceps, Wald.; Everett, List B. Borneo, p. 142; Sharpe, Cat. B. Brit. Mus. xiii. p. 338 (1890).

a. Ad. Lamag, Oct. 1901.

Bill whitish blue; feet slate-colour.

b. Ad. Lamag, Jan. 1902.

Bill pale dull blue; feet black; eyes black.

Family DICRURIDÆ.

95. DISSEMURUS PLATURUS.

Dissemurus brachyphorus (Temm.); Sharpe, P. Z. S. 1881, p. 795 (Sandakan); Nicholson, Ibis, 1883, p. 90 (Silam); Guillem. P. Z. S. 1885, p. 409 (Silam); Elliot, Auk, 1890, p. 351 (Kinabatangan River).

Dissemurus platurus (Vieill.); Everett, List B. Borneo, p. 124.

a. Ad. Lamag, Oct. 1901. "Sri Gunting."

b, c. Ad. Lamag, Nov. 1901. "Sri Gunting."

Bill and feet black; iris yellow, pupil black.

Family ORIOLIDÆ.

96. ORIOLUS XANTHONOTUS.

Oriolus xanthonotus, Horsf.; Sharpe, P. Z. S. p. 799 (Sandakan); Nicholson, Ibis, 1883, p. 88 (Segilind River); Guillem. P. Z. S. 1885, p. 415 (Silam; Segalind River); Everett, List B. Borneo, p. 119; Elliot, Auk, 1890, p. 351 (Sandakan).

a. ♂ ad. Lamag, Nov. 1901.

Bill very deep dark pink; feet black; iris red.

b. ♀ ad. Lamag, Nov. 1901.

Bill dark pink.

c. ♂ ad. Lamag, Dec. 1901. "Podong."

Bill dull red.

Family PRIONOPIDÆ.

97. PLATYLOPHUS CORONATUS.

Platylophus coronatus, Sharpe, P. Z. S. 1881, p. 799 (Sandakan); Guillem. P. Z. S. 1885, p. 416 (Segalind River; Silam).

a. Ad. Lamag, March 1902.

Bill and feet black; eyes black.

This specimen agrees with other Bornean examples of *P. coronatus*, which we cannot separate from Sumatran birds.

It does not correspond with the description of *P. lemprieri*, Nicholson, Ibis, 1883, p. 88, which was described from the Segilind River. We can hardly believe that two forms exist in Sandakan.

Family EULABETIDÆ.

98. EULABES JAVANENSIS.

Eulabes javanensis (Osbeck); Everett, List B. Borneo, p. 144; Sharpe, Cat. B. Brit. Mus. xiii. p. 667.

Gracula javanensis, Elliot, Auk, 1890, p. 355 (Sandakan).

a. Imm. Lamag, Nov. 1901. "Burong Tiong."

Bill orange; feet yellow; iris yellow.

b, c. Ad. Lamag, Dec. 1901. "Tiong or Miner-bird."

Bill red, orange at tip.

99. CALORNIS CHALYBEA.

Calornis chalybeus (Horsf.); Sharpe, P. Z. S. 1881, p. 799 (Sandakan).

Calornis chalybea, Everett, List B. Borneo, p. 143; Sharpe, Cat. B. Brit. Mus. xiii. p. 143.

a. Ad. Lamag, Dec. 1901. "Perlin."

Bill and feet black; iris red.

b. Ad. Lamag, Jan. 1902. "Perling."

Family CORVIDÆ.

100. CORONE ENCA.

Corone enca (Horsf.); Sharpe, P. Z. S. 1881, p. 799 (Sandakan); Everett, List B. Borneo, p. 145.

a. Ad. Lamag, Dec. 1901. "Gaga."

Bill and feet black; eyes black.

b. Ad. Lamag, Jan. 1902.

Iris red. Fruit eater.

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