

Centropus senegalensis (nec L.); Sharpe, ed. Layard's B. S. Afr. p. 162.

No. 1. Barratas, near Beira, Sept. 10, 1898.

34. *HALCYON ORIENTALIS* Peters; Sharpe, ed. Layard's B. S. Afr. p. 116; Shelley, B. Afr. i. p. 117.

No. 40. ♂. Mapicuti, Sept. 17, 1898. Iris brown; bill and feet vermillion.

35. *MELITTOPHAGUS CYANOSTICTUS* Cab.

Melittophagus meridionalis Sharpe, Cat. B. Brit. Mus. xvii. p. 45, pl. i. fig. 4 (1892).

No. 9. Barratas, near Beira, Sept. 13, 1898.

No. 20. Mapicuti, Sept. 15, 1898. Iris red.

36. *MELITTOPHAGUS ALBIFRONS* (C. & H.); Sharpe, Cat. B. Brit. Mus. xvii. p. 53 (1892).

Merops bullockoides Smith; Sharpe, ed. Layard's B. S. Afr. p. 99, pl. iv. fig. 1 (1884).

Melittophagus bullockoides Shelley, B. Afr. i. p. 111.

No. 10. ♂ ad. Barratas, near Beira, Sept. 13, 1899. Iris brown.

37. *MEROPS NATALENSIS* Reichenb.; Sharpe, Cat. B. Brit. Mus. xvii. p. 84 (1892).

Merops bullockoides Smith; Sharpe, t. c. p. 99.

No. 25. Mapicuti, Sept. 15, 1898. Iris brown.

This specimen has the longest tail I have ever seen in this species, the centre feathers measuring 8·2 inches in length.

IX. *On the Birds collected during an Expedition through Somaliland and Southern Abyssinia to the Blue Nile.*
By W. R. OGILVIE GRANT. *With Field-notes by Lord Lovat.*—Part I.

(Plates II. & III.)

FEW African expeditions of recent years have proved more interesting, or have led to more important scientific results, than the adventurous journey lately undertaken by Mr. H. Weld-Blundell and Lord Lovat.

Starting from Berbera on the 11th December, 1898, they proceeded in a westerly direction through Northern Somaliland and the North Galla country, arriving at Addis Abbeba towards the end of January. Thence they proceeded northward through Shoa as far as Lake Haik, to pay their respects to the Emperor Menelik.

Mr. Weld-Blundell having on a previous occasion visited Abyssinia, and established the most friendly terms with His Majesty, the party was received with the utmost cordiality and courtesy, and every assistance was offered in traversing the unexplored part of the country to the west.

Returning southward through Shoa, they followed the Djimma Valley, arriving once more at Addis Abbeba towards the end of February. Thence they marched in a westerly direction, and striking the Blue Nile at Famaka, followed its course to Roseires, which was reached on the 19th of May. A steamer carried them on to Khartum, and thence they proceeded by rail to Cairo. The success of this adventurous expedition was largely due to the able assistance rendered to the travellers by our representative at the Court of Menelik, Captain Harrington, who not only made all the arrangements for transport at Berbera, but accompanied them during part of their journey.

Mr. Harwood, who had already had much experience and done excellent work with Mr. E. Lort Phillips and Mr. R. M'D. Hawker on previous trips to Somaliland, accompanied the expedition as naturalist, and his ability as a field-collector and taxidermist, as well as his skill in managing the native transport, and his unvarying cheerfulness in meeting all difficulties, have won for him the highest praise from the leaders of the expedition.

The zoological results consist almost entirely of Mammals and Birds. Among the former may be mentioned elephants, lions, and examples of about seventeen species of antelopes; as well as a number of small rodents, some of which prove to be new, while many are of great scientific value, as they belong to species long since described by Rüppell. But the great feature of the collection is the birds. These are of exceptional interest, for among the 523 specimens brought home no fewer

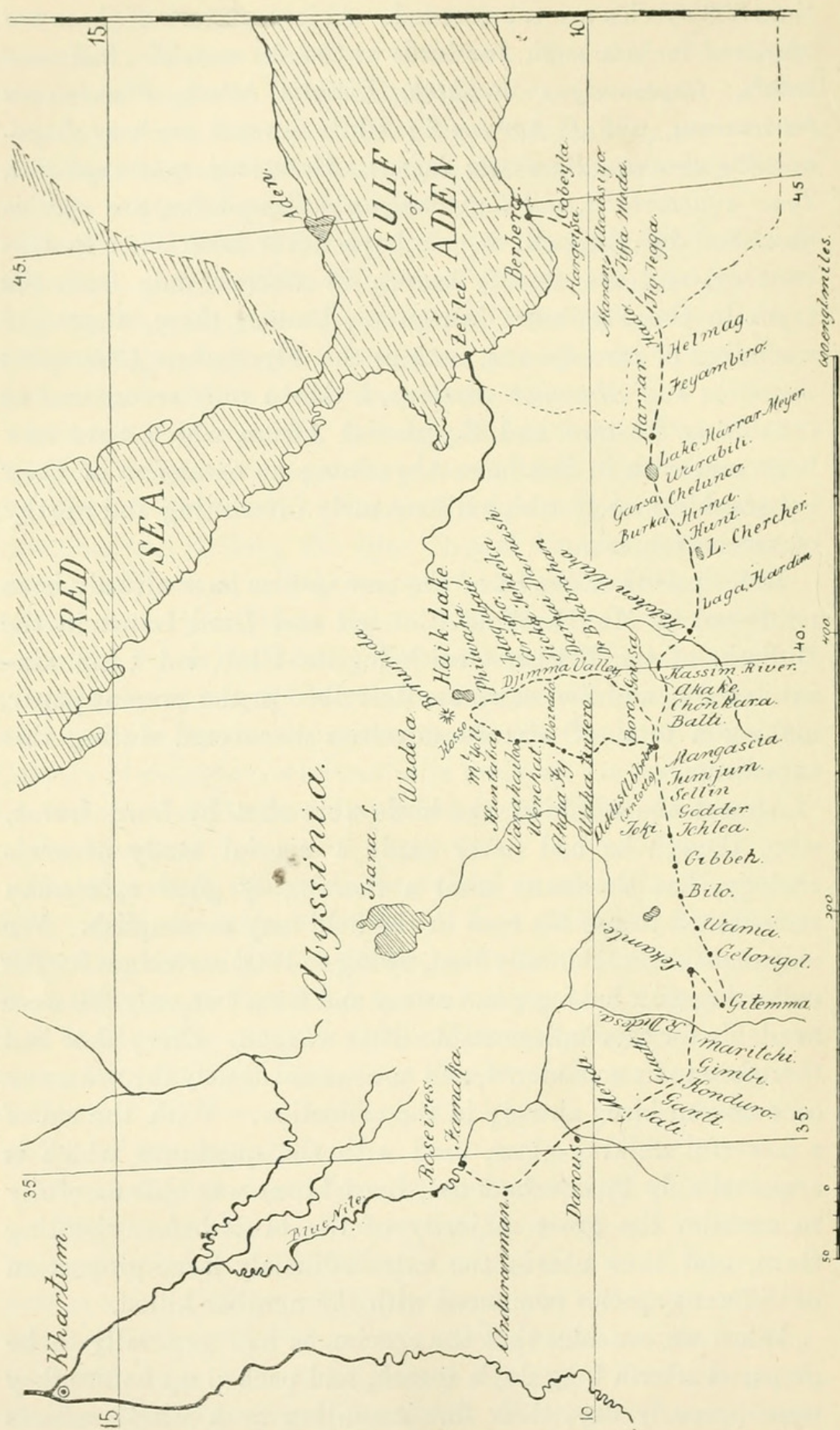
than 303 species are represented. At least sixteen of these are new, and include such fine birds as *Oriolus meneliki*, *Indicator lovati*, *Caprimulgus stellatus*, *Lissotis lovati*, *Francolinus tetraoninus*, and *F. harwoodi*; while several, such as *Lagonosticta larvata*, *Parisoma lugens*, *Mesopicus spodocephalus*, *Lynx æquatorialis*, and *Caprimulgus poliocephalus*, are species described by Rüppell, which have never been seen in this country, and are mostly known in Europe only from the types in the Frankfort Museum. Besides these, there are a number of rare species, such as the Flycatchers *Chloropeta massaica* and *Alseonax murinus*, hitherto only recognized as inhabiting Eastern and Equatorial Africa, which have now been met with in Southern Abyssinia; an extension of their geographical range which is extremely interesting and worthy of special remark.

Descriptions of eleven of the new species have already been published by Mr. H. Weld-Blundell and Lord Lovat in the Bulletin of the British Ornithologists' Club, vol x. pp. xix-xxiii (1899), and five more are described in the present paper, making a total of sixteen novelties discovered during this expedition.

Almost the whole of the birds were shot by Lord Lovat, who, though he had never made a special study of ornithology, has shown us what a thoroughly good sportsman accustomed to use his eyes in the field may accomplish. We may mention incidentally that, owing to 1000 cartridges for the collecting-gun having gone astray and been lost, only 400 were available for this indispensable little weapon. Every shot had therefore to be considered, and not one needlessly thrown away on common birds already in the collection. With the aid of a powerful stalking-glass, used with the quickness which is acquired only by constant use, Lord Lovat was able carefully to examine the great majority of the birds before shooting them, and thus obtain the extraordinarily large proportion of different species compared with the number killed.

When we consider that the specimens had generally to be prepared after a long day's march, and packed up before they were properly dry, their fine condition as a whole reflects the greatest credit on those concerned.

SKETCH-MAP OF THE ROUTE OF THE WELD-BLUNDELL AND LOVAT EXPEDITION.



Mr. Weld-Blundell and Lord Lovat have presented the greater part of this grand collection to the British Museum, thus adding not only sixteen new species to the collection, but supplying examples of ten known species which had hitherto been wanting to our series. A glance at the accompanying sketch-map, supplied by Mr. Weld-Blundell and Lord Lovat, clearly shows the route followed by the travellers, more than 300 miles being through country the zoology of which had never previously been explored. The names of the principal camps are indicated, while those intermediate places mentioned on the itinerary given below can be approximately located.

Mr. Weld-Blundell's time was almost entirely occupied in making a map of the country traversed, and the results of his work will shortly be given to the Royal Geographical Society, and published in the 'Geographical Journal'*

Three of the plates drawn to illustrate this article have been presented to 'The Ibis' by Mr. Weld-Blundell.

A new species, *Sylviella minima*, from Manda Island, British East Africa, is incidentally described on p. 156.

Itinerary of the Weld-Blundell and Lovat Expedition
(1898-9).

Dec. 11. Gobeyla, Somaliland.	Jan. 5. Derru, Abyssinia.
„ 13. Hargeisa, Somaliland.	„ 6. Burka, Abyssinia.
„ 17. Acabsiyo, Somaliland.	„ 7. Tra, Abyssinia.
„ 18. Jiffa Meda, Somaliland.	„ 8. Hirna, Abyssinia.
„ 21. Staboolo, Somaliland.	„ 10. Baroma, Abyssinia.
„ 23. Jig Jegga, Abyssinia.	„ 12. Lake Chercher, Abyssinia.
„ 24. Hado, Abyssinia.	„ 14. Laga Hardim, Abyssinia.
„ 25. Feyambiro, Abyssinia.	„ 16. Ketchen Waha and Hawash, Abyssinia.
„ 27. Harrar, Abyssinia.	„ 17. Fontaly, Abyssinia.
„ 30. Lake Harrar Meyer, Abyssinia.	„ 18. Kassim river, Abyssinia.
Jan. 3. Garsa and Warabili, Abyssinia.	
„ 4. Chelunco, Abyssinia.	

[* The paper was read by Mr. Weld-Blundell at the Meeting of Dec. 11th, 1899.—EDD.]

Itinerary (continued).

Jan. 21. Gadaburka, Abyssinia.	Feb. 26. Alliti, Abyssinia.
„ 22. Jifadensa, Abyssinia.	„ 27. Jaka, Abyssinia.
„ 23. Akake and Balti, Abyssinia.	Mar. 4. Jumjum, Abyssinia.
Feb. 1. Gedda, Abyssinia.	„ 5. Sellin, Abyssinia.
„ 4. Waha Zinzero, Abyssinia.	„ 8. Tchlea, Abyssinia.
„ 6. Gerru, Abyssinia.	„ 10. Bilo, Abyssinia.
„ 7. Kuntaba and Ahaia Fej, Abyssinia.	„ 12. Wama, Abyssinia.
„ 8. Kosso, Abyssinia.	„ 13. Gelongol, Abyssinia.
„ 9. Borumeda, Abyssinia.	„ 14. Gitemma, Abyssinia.
„ 12. Telagubaie, Abyssinia.	„ 16. Lekamte, Abyssinia.
„ 15. Kombolsha, Abyssinia.	„ 21. Didesa river, Abyssinia.
„ 16. Philwaha, Abyssinia.	„ 22. Maritchi, Abyssinia.
„ 18. Arriro, Abyssinia.	„ 23. Gimbi, Abyssinia.
„ 21. Jawaha, Abyssinia.	„ 25. Konduro, Abyssinia.
„ 22. Ticka Tcheeka, Abyssinia.	„ 27. Guatti, Abyssinia.
„ 23. Damai Damash, Abyssinia.	„ 28. Ganti, Abyssinia.
„ 24. Karrafino, Abyssinia.	„ 30. Sati, Abyssinia.
„ 25. Golba, Abyssinia.	„ 31. Mendi, Abyssinia.
	May 2. Beni Schongul, Abyssinia.
	„ 6. Famaka, Blue Nile.
	„ 19. Roseires, Blue Nile.

1. *HETEROCORAX CAPENSIS.*

Heterocorax capensis Licht.; Sharpe, Cat. B. Brit. Mus. iii. p. 12 (1877); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 301 (1888).

a. ♂. Sellin, Abyssinia, 5 March, 1899. (No. 380.)

Iris brown; bill and legs black.

[This Crow was very plentiful on the Addis Abbeba plain, but was not observed on the higher plateaux (9000 ft.). No examples were observed between Addis Abbeba and the valley of the Dabous.—L.]

2. *CORVULTUR CRASSIROSTRIS.*

Corvultur crassirostris Rüpp.; Sharpe, Cat. B. Brit. Mus. iii. p. 25 (1877); id. P. Z. S. 1895, p. 408.

a. ♂. Borumeda, Abyssinia, 12 February, 1899. (No. 312.)

Iris brown; bill and legs black.

[This Crow has a somewhat restricted range; it was not

observed in the lower valleys, and was never seen above 8000 ft. On the Addis Abbaba plateau it is common, its ordinary food being carrion, but it will eat the fruit of the wild fig with avidity. It has a harsh guttural note.—L.]

3. *DILOPHUS CARUNCULATUS*.

Dilophus carunculatus (Gm.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 61 (1890) ; id. P. Z. S. 1895, p. 459.

a. ♀. Arriro, Abyssinia, 18 February, 1899. (No. 342.)

Iris, bill, and legs dark brown.

[Usually seen in company with *Lamprocolius chalybeus*. Although constantly met with between the 20th of December and the end of March, I never observed any birds with the wattles developed.—L.]

4. *PHOLIDAUGES LEUCOGASTER*.

Pholidauges leucogaster (Gm.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 121 (1890).

a. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 411.)

Iris pale yellow ; bill and legs black.

[Met with only in the valley of the Blue Nile and its tributaries. I once observed this Starling hawking for flies like a Bee-eater.—L.]

5. *LAMPROTORNIS PORPHYROPTERUS*.

Lamprotornis porphyropterus Rüpp. ; Sharpe, Cat. B. Brit. Mus. xiii. p. 156 (1890) ; id. P. Z. S. 1895, p. 459.

a. ♂. Hado, Abyssinia, 24 December, 1898. (No. 28.)

Iris pale yellow ; bill and legs black.

6. *AMYDRUS MORIO*.

Amydrus morio (Linn.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 161 (1890) ; id. P. Z. S. 1895, p. 460.

a. ♀. Chelunco, Abyssinia, 4 January, 1899. (No. 104.)

Iris brown ; bill and legs black.

[Though plentiful locally, this Starling has not a wide distribution. It was observed in flocks on the steep rocky slopes. At Ahaia Fej it was seen in company with the white-bellied species, *Pholidauges leucogaster*.—L.]

7. *LAMPROCOLIUS CHALYBEUS*.

Lamprocolius chalybeus Ehr.; Sharpe, Cat. B. Brit. Mus. xiii. p. 176 (1890); id. P. Z. S. 1895, p. 450; Hawker, Ibis, 1899, p. 59.

a. ♂. Arriro, Abyssinia, 18 February, 1899. (No. 344.)
Iris bright yellow; bill and legs black.

[Observed throughout Abyssinia, except on the highest plateaux of 9000 feet or more.—L.]

8. *BUCHANGA ASSIMILIS*.

Buchanga assimilis (Bechst.); Sharpe, Cat. B. Brit. Mus. iii. p. 247 (1877); id. P. Z. S. 1895, p. 460; Lort Phillips, Ibis, 1898, p. 396; Hawker, Ibis, 1899, p. 60.

a. ♂. Hargeisa, Somaliland, 14 December, 1898. (No. 13.)

b. ♂. Arriro, Abyssinia, 18 February, 1899. (No. 343.)

c. ♂. Ticka Tcheeka, Abyssinia, 22 February, 1899. (No. 366.)

Irides red; bill and legs black.

9. *ORIOLOUS AURATUS*.

Oriolus auratus Vieill.; Sharpe, Cat. B. Brit. Mus. iii. p. 195 (1877).

a. ♂. Blue Nile, 15 May, 1899. (No. 521.)

Irides red; bill brown; legs dark.

[This bird was only observed in the valley of the Blue Nile, always in pairs and very difficult to approach.—L.]

10. *ORIOLOUS MENELIKI*. (Plate II.)

Oriolus meneliki Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xix (1899).

a. Burka, Abyssinia, 6 January, 1899. (No. 126.)
Type of the species.

This fine species closely resembles *O. monachus* Gmel., but may be at once distinguished by the colour of the bill, which is uniform deep black. The greater secondary wing-coverts and some of the lesser wing-coverts are, moreover, clearly edged with golden yellow, whereas in *O. monachus* they are always uniform, and the subterminal markings on the third



fourth; and fifth tail-feathers extend over both webs and are of a deep black.

Iris brown; bill black; legs slate.

Total length 10·0 inches, culmen 1·1, wing 5·6, tail 4·0, tarsus 0·95.

[This Oriole is a native of the thickets south of the Hawash Valley. It is locally plentiful, and is always met with singly or in pairs feeding on a forest-tree with yellow leaves (name unknown), and, notwithstanding its bright colour, is difficult to see. The note is a melodious whistle, something like that of *Graucalus purus*, and the answer is a harsh double note.—L.]

11. *VIDUA PRINCIPALIS*.

Vidua principalis (Linn.); Sharpe, Cat. B. Brit. Mus. xiii. p. 203 (1890); id. P. Z. S. 1895, p. 463.

a. ♂. Gerru, Abyssinia, 6 February, 1899. (No. 295.)
Iris brown; bill red; legs dark.

12. *LINURA FISCHERI*.

Linura fischeri Reichen.; Sharpe, Cat. B. Brit. Mus. xiii. p. 210 (1890); id. P. Z. S. 1895, p. 463; Hawker, Ibis, 1899, p. 61.

a. ♂. Hargeisa, Somaliland, 13 December, 1898. (No. 6.)
Iris brown; bill red; legs horn.

13. *STEGANURA PARADISEA*.

Steganura paradisea (Linn.); Sharpe, Cat. B. Brit. Mus. xiii. p. 211 (1890); id. P. Z. S. 1895, p. 464; Hawker, Ibis, 1899, p. 61.

a. ♂. Hargeisa, Somaliland, 13 December, 1898. (No. 7.)
Iris dark hazel; bill and legs black.

14. *PENTHETRIA LATICAUDA*.

Penthetria laticauda (Licht.); Sharpe, Cat. B. Brit. Mus. xiii. p. 218 (1890).

a. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 111.)

b. ♂. Baroma, Abyssinia, 10 January, 1899. (No. 147.)

c. Jawaha, Abyssinia, 21 February, 1899. (No. 354.)

a. Iris dark brown; bill dark horn; legs dark horn.

b. Iris brown ; upper mandible black, lower dusky ; legs black.

c. Iris brown ; bill dark ; legs brown.

Specimen *c*, apparently a female, resembles *a* and *b* ; but the primaries &c. are browner, edged with pale whitish, and the tail is much shorter (2·7 inches).

[This Long-tailed Weaver is always to be seen in company with *Penthetriopsis macrocerca* or *Urobrachya traversi*. The male bird apparently does not get the long tail-feathers till the second year's plumage.—L.]

15. PENTHETRIOPSIS MACROCERCA.

Penthetriopsis macrocerca (Licht.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 223 (1890).

a. ♂ imm. Baroma, Abyssinia, 11 January, 1899. (No. 153.)

b. ♂. Baroma, Abyssinia, 11 January, 1899. (No. 157.)

c. ♂. Philwaha, Abyssinia, 16 February, 1899. (No. 315.)

a. Upper mandible reddish brown, lower lighter ; legs brown.

b. Upper mandible black, lower steel-blue ; legs black.

c. Iris brown ; bill dark ; legs dark.

Specimen *a* shows no traces of yellow shoulder-patches.

[This bird is found in flocks with *Penthetria laticauda* ; but, though it occupies similar ground to *Urobrachya traversi*, it was never seen in company with that bird. I believe this bird alters its coloration very much in the rainy season, the wing- and tail-feathers becoming at that time almost wholly black.—L.]

16. UROBRACHYA TRAVERSI.

Urobrachya traversii Salvad. ; Sharpe, Cat. B. Brit. Mus. xiii. p. 226 (1890).

a, b, c. ♂ ♂ ♀. Lekamte, Abyssinia, 16 March, 1899. (Nos. 426, 427, 428.)

Iris brown ; bill dusky ; legs brown.

Specimen *a* is a male in the brown plumage, but with the orange shoulder-patch well developed ; *b* and *c* are

apparently an immature male and female without any traces of orange on the shoulder. These specimens are a valuable addition to the Museum collection, the only example there being an adult male.

[A very local bird, but in large numbers where it is found. On our westward journey from Addis Abbaba to Dabous we passed through country inhabited first by this species, then, during a few days' march, we saw only *Penthetriopsis macrocerca*, and then once more *U. traversi* only was met with, the Long-tailed Weaver, *Penthetria laticauda*, remaining constant throughout.—L.]

17. PYROMELANA FRANCISCANA.

Pyromelæna franciscana (Isert); Sharpe, Cat. B. Brit. Mus. xiii. p. 233 (1890); id. P. Z. S. 1895, p. 464.

a. ♂ juv. Hado, Abyssinia, 24 December, 1898. (No. 24.)

b. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 65.)

c. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 73.)

d. ♂. Lake Chercher, Abyssinia, 12 January, 1899. (No. 164.)

a. Iris, bill, and legs brown.

b. Iris orange; bill dusky; legs light.

c. Iris light brown; bill dusky; legs light.

d. Iris brown; bill light; legs light.

Specimens *b* and *d* are beginning to show some of the black feathers of the breeding-plumage on the breast.

[Always in large flocks about the dhurra-fields.—L.]

18. PYROMELÆNA XANTHOMELÆNA.

Pyromelana xanthomelæna (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 239 (1890); id. P. Z. S. 1895, p. 464.

a. ♂. Waha Zinzero, Abyssinia, 4 February, 1899. (No. 288.)

Iris brown; bill and legs dark.

19. PLOCEIPASSER MELANORHYNCHUS.

Ploceipasser melanorhynchus (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 246 (1890),

a. ♂. Hawash, Abyssinia, 17 January, 1899. (No. 217.)
Iris brown; bill black; legs brown.

[A noisy bird: seen in large numbers on the Hawash plain.—L.]

20. *PLOCEIPASSER SUPERCILIOSUS.*

Ploceipasser superciliosus (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 248 (1890).

a. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 194.)

Iris light brown; bill brown; legs light.

21. *QUELEA ÆTHIOPICA.*

Quelea æthiopica (Gray); Sharpe, Cat. B. Brit. Mus. xiii. p. 259, pl. x. fig. 5 (1890).

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 64.)

b. ♂. Baroma, Abyssinia, 11 January, 1899. (No. 154.)

c. ♂. Gadaburka, Abyssinia, 21 January, 1899. (No. 247.)

a. Iris light hazel; bill red; legs light.

b, c. Iris brown; bill red; legs light.

[Found in flocks, often with other species of Finches and Weavers.—L.]

22. *SPERMESTES SCUTATA.*

Spermestes scutata Heugl.; Sharpe, Cat. B. Brit. Mus. xiii. p. 265 (1890).

a. Ad. Telagubaie, Abyssinia, 12 February, 1899. (No. 326.)

Iris brown; upper mandible black, lower slate; legs slate.

23. *ORTYGOSPIZA POLYZONA.*

Ortygospiza polyzona (Temm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 269 (1890).

a. ♀. Jifadensa, Abyssinia, 22 January, 1899. (No. 260.)

b. ♂. Jaka, Abyssinia, 27 February, 1899. (No. 376.)

a. Iris brown; bill and legs dark brown.

b. Iris brown; upper mandible dark, lower dull red; legs dark brown.

24. LAGONOSTICTA BRUNNEICEPS.

Lagonosticta brunneiceps Sharpe, Cat. B. Brit. Mus. xiii. p. 277 (1890).

a. ♂. Harrar, Abyssinia, 27 December, 1898. (No. 44.)

b. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 192.)

Iris bright orange or red; bill deep red, black on the culmen, along the cutting-margins, and the suture of the mandibles; legs dark brown.

[This small Finch feeds on the ground in small flocks; it inhabits the lower valleys. The white dots on the breast were not observed on more than one or two birds in every flock.—L.]

25. LAGONOSTICTA CONGICA.

Lagonosticta congica Sharpe, Cat. B. Brit. Mus. xiii. p. 280, pl. xi. fig. 3 (1890).

a. ♀. Lake Chercher, Abyssinia, 11 January, 1899. (No. 162.)

b. ♂. Jawaha, Abyssinia, 21 February, 1899. (No. 336.)

Iris brown; bill and legs black.

We have referred the specimens to this species with some doubt; both birds are much injured by shot, specimen *b* lacking the entire tail. *a* has the back darker brown, more like that of the type of *L. congica*, but without the grey shade, the lores, chin, throat, and breast reddish brown strongly washed with pink, and the forehead and crown deep ash-grey. *b* has the upper parts brighter and of a more rufous brown, the lores, superciliary stripe, chin, and fore-neck dull pink, and the forehead and cheeks strongly washed with the same colour; the rest of the underparts brown, with scarcely a trace of pink.

[Occasionally met with in Southern Shoa.—L.]

26. LAGONOSTICTA LARVATA.

Amadina larvata Rüpp. Neue Wirbelth., Vög. p. 97, pl. 36. fig. 1 (1835).

Lagonosticta larvata Sharpe, Cat. B. Brit. Mus. xiii. p. 286 (1890).

a. ♂ imm. Gelongol, Abyssinia, 13 March, 1899.
(No. 412.)

Iris brown; bill and legs dark slate.

An immature male undoubtedly belongs to this rare species. It is unfortunately tailless, but otherwise closely resembles the figure given by Rüppell; the back, wing-coverts, lower breast, and flanks are, however, mixed with brown feathers, evidently the remains of young plumage.

This species is new to the British Museum Collection.

[When first shot the white dots on the breast were well defined.—L.]

27. PYTELIA CITERIOR.

Zonogastris citerior (Strickl.); Sharpe, Cat. B. Brit. Mus. xiii. p. 299 (1890).

a. ♀ imm. Blue Nile, Abyssinia, 16 May, 1899.
(No. 513.)

Iris brown; bill reddish; legs light.

This immature specimen, in somewhat worn condition, has the underparts pale sandybrown; only one or two barred feathers of the adult plumage are beginning to make their appearance on the breast.

28. PYTELIA LINEATA.

Pytelia lineata Heugl. J. f. O. 1863, p. 17; Sharpe, Cat. B. Brit. Mus. xiii. p. 301 (1890).

a. [♂] vix ad. Lake Chercher, Abyssinia, 12 January, 1899. (No. 167.)

b. ♀ imm. Didesa river, Abyssinia, 21 March, 1899.
(No. 438.)

Iris brown; bill in *a* red, in *b* reddish brown; legs light horn-colour.

The nearly adult specimen before us agrees well with Heuglin's original description of the male; but some of the feathers on the crown of the head and back, as well as those on the middle of the breast and underparts, are sandy brown, and evidently the remains of immature plumage. Specimen *b*, an immature female, has the whole of the upper parts, including the top of the head, earthy brown, the cheeks,

throat, breast, and sides somewhat paler and tinged with grey, the two latter being faintly barred with dusky; the middle of the lower breast and belly whitish; the under tail-coverts whitish, with dusky cross-bars; the quills and outer tail-feathers dark brown, margined on the outer web with dull red; and the upper tail-coverts and middle pair of tail-feathers dull red.

This species is new to the British Museum Collection.

[This bird was killed along with a specimen of *Pytelia afra* (No. 168).

It is not common, and where found is in small flocks.—L.]

29. PYTELIA AFRA.

Pytelia afra (Gm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 302 (1890).

a. Juv. Feyambiro, Abyssinia, 26 December, 1898. (No. 34.)

b, c. ♂ ♀. Lake Chercher, Abyssinia, 12 January, 1899. (Nos. 168, 169.)

a. Iris brown; bill and legs dusky; bill with two small white knobs at each corner of the mouth.

b, c. Iris light brown; bill and legs dusky.

30. COCCOPYGIA QUARTINIA.

Coccopygia quartinia (Bp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 307 (1890).

a. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 108.)

Iris brown; upper mandible black, lower red; legs black.

[This bird was seen only at Chelunco, but was very common in that district.—L.]

31. HYPOCHERA ULTRAMARINA.

Hypochæra ultramarina (Gm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 309 (1899).

a. ♂ ad. Kassim river, Abyssinia, 18 January, 1899. (No. 224.)

Iris brown; bill and legs pale coral,

This specimen is in the purple-black plumage of the fully adult male.

[Quite black examples of this bird were rare, only one or

two being seen among large flocks. It was observed only at the Kassim river, and once afterwards, I believe, at Bilo.—L.]

32. *SPORÆGINTHUS MARGARITÆ*. (Plate III. fig. 1.)

Sporæginthus margaritæ Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xx (1899).

a. Ad. Gelongol, Abyssinia, 13 March, 1899. (No. 414.)

b. Ad. Gelongol, Abyssinia, 13 March, 1899. (No. 415.)

c. ♂ ad. Gelongol, Abyssinia, 13 March, 1899. (No. 417.) [*Type of the species.*]

d. [♀ ?] ad. Gelongol, Abyssinia, 13 March, 1899. (No. 419.)

This, apparently a very distinct species, has the general colour above, including the top of the head, dull earthy brown; the rump and upper tail-coverts dull crimson; the lores, sides of the face, and ear-coverts brownish cinnamon; the rest of the underparts pale cinnamon-buff, inclining to brownish on the sides of the body; the tips of the flank-feathers pink, and the under tail-coverts white. The remiges and rectrices are brownish black, the two outer pairs of the latter inclining to whitish along the outer margin and towards the tip. Iris brown, bill red, legs dark brown. Total length 4·5 inches, culmen 0·4, wing 1·85, tail 1·8, tarsus 0·55.

[A flock of close on one hundred birds was once seen at Gelongol feeding on the ground. The specimens procured were the result of one shot. I observed the flock carefully through my telescope before firing, and, so far as I could judge, the entire number were identical in size, shape, and markings. No. 419, though marked ?, was almost certainly a female.—L.]

33. *SPORÆGINTHUS SUBFLAVUS*.

Sporæginthus subflavus (Vieill.); Sharpe, Cat. B. Brit. Mus. xiii. p. 324 (1899).

a. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 413.)

b, c. ♂ ♀. Sati, Abyssinia, 30 March, 1899. (Nos. 463, 464.)

Iris in *a* light hazel, in *b* and *c* red; bill red, ridge of culmen and suture of mandibles black; legs dusky.



J.G. Keulemans del. et lith.

Mintern Bros. imp.

1. SPORÆGINTHUS MARGARITÆ.
2. BARBATULA XANTHOSTICTA.

34. AIDEMOSYNE CANTANS.

Aidemosyne cantans (Gm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 371 (1890); id. P. Z. S. 1895, p. 466; Hawker, Ibis, 1899, p. 62.

a. ♀. Laga Hardim, Abyssinia, 14 January, 1899. (No. 191.)

Iris light brown; bill dark slate.

35. ESTRILDA MINOR.

Estrilda minor (Cab.); Sharpe, Cat. B. Brit. Mus. xiii. p. 393 (1890).

a. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 68.)

b. ♂. Lake Chercher, Abyssinia, 12 January, 1899. (No. 170.)

Iris brown; bill red; legs black.

[A Finch similar to this, but with a short tail, was observed, but not shot, at the Kassim river. These birds roost on the low scrub in flocks.—L.]

36. ESTRILDA RHODOPYGA.

Estrilda rhodopyga Sundev.; Sharpe, Cat. B. Brit. Mus. xiii. p. 396 (1890); id. P. Z. S. 1895, p. 466; Hawker, Ibis, 1899, p. 61.

a. ♂. Feyambiro, Abyssinia, 25 December, 1898. (No. 32.)

Iris brown; bill and legs black.

[After leaving Feyambiro we only once met with this Finch, a solitary example being seen at Kassim river.—L.]

37. ESTRILDA PHÆNICOTIS.

Estrilda phænicotis Swains.; Sharpe, Cat. B. Brit. Mus. xiii. p. 400 (1890); id. P. Z. S. 1895, p. 467.

a. ♂ imm. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 56.)

b. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 183.)

Iris in *a* light hazel, in *b* brown; base of bill red, tip black; legs light.

38. GRANATINA IANTHINOASTRA.

Granatina ianthinogaster (Reichen.); Sharpe. Cat. B. Brit. Mus. xiii. p. 404 (1890); id. P. Z. S. 1895, p. 467; Hawker, Ibis, 1899, p. 62.

a, b. ♀ ♂. Hargeisa, Somaliland, 14 December, 1898. (Nos. 11, 12.)

c. ♀. Near Laga Hardim, Abyssinia, 15 January, 1899. (No. 195.)

d. ♂. Hawash, Abyssinia, 16 January, 1899. (No. 207.)
Iris light hazel; bill red; legs black.

[Very widely distributed, but seldom seen in such large flocks as most of the other small Finches.—L.]

39. ANAPLECTES BLUNDELLI, sp. n.

Adult male. Most nearly allied to *A. melanotis* (Lafr.), but to be distinguished from that species by having the back black instead of brown, a few feathers on the interscapular region being tipped with pale red, and the cheeks and ear-coverts deep black, this colour not extending to an imaginary line drawn down the side of the throat from the base of the mandible. In *A. melanotis* the black extends over the sides of the throat, considerably beyond this line. Total length about 5·7 inches, culmen 0·8, wing 3·4, tail 2·2, tarsus 0·8.

a. ♂. Beni Schongul, Abyssinia, 3 May, 1899. (No. 494.)
[*Type of the species.*]

40. HETERHYPHANTES BAGLAFECHT.

Heterhyphantes baglafecht (Vieill.); Sharpe, Cat. B. Brit. Mus. xiii. p. 419 (1890).

a. ♀. Derru, Abyssinia, 5 January, 1899. (No. 115.)

b. ♂. Baroma, „ 11 January, 1899. (No. 156.)

c. ♂. Jumjum, „ 4 March, 1899. (No. 377.)

d. ♂. Lekamte „ 16 March, 1899. (No. 432.)

Iris pale yellow; bill black; legs in *a* and *b* brown, in *c* and *d* light.

[This Weaver is one of the most widely distributed birds of Shoan Abyssinia.—L.]

41. *HYPHANTORNIS GALBULA*.

Hyphantornis galbula (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 442 (1890); id. P. Z. S. 1895, p. 468; Lort Phillips, Ibis, 1898, p. 397 (Somaliland).

a. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 193.)

Iris orange; bill black; legs light.

42. *HYPHANTORNIS ABYSSINICUS*.

Hyphantornis abyssinicus (Gm.); Sharpe, Cat. B. Brit. Mus. xiii. p. 453 (1890).

a. ♂. Baroma, Abyssinia, 11 January, 1899. (No. 155.)

Iris reddish orange; bill black; legs light brown.

[Impossible to distinguish from *H. spekii*, even through a good telescope; either one or the other was to be found in most of the valleys, especially to the south of Shoa.—L.]

43. *HYPHANTORNIS INTERMEDIUS*.

Hyphantornis intermedius (Rüpp.); Sharpe, Cat. B. Brit. Mus. xiii. p. 460 (1890).

a. Imm. Kassim river, Abyssinia, 18 January, 1899. (No. 218.)

Iris yellow; bill and legs dark brown.

[The adult male has a perfectly black head.—L.]

44. *HYPHANTORNIS VITELLINUS*.

Hyphantornis vitellinus (Licht.); Sharpe, Cat. B. Brit. Mus. xiii. p. 462 (1890); id. P. Z. S. 1895, p. 468.

a. ♂. Hargeisa, Somaliland, 13 December, 1898. (No. 10.)

Iris, bill, and legs brown.

45. *HYPHANTORNIS SPEKII*.

Hyphantornis spekii Heugl.; Sharpe, Cat. B. Brit. Mus. xiii. p. 469 (1890); Lort Phillips, Ibis, 1898, p. 397 (Somaliland).

a. ♂. Feyambiro, Abyssinia, 26 December, 1898, (No. 35.)

Iris, bill, and legs light brown.

[This species, or *Hyphantornis abyssinicus* (No. 155), was to be seen in most of the valleys of Southern Shoa.—L.]

46. *TEXTOR ALBIROSTRIS*.

Textor albirostris (Vieill.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 508 (1890).

a. ♂. Kassim river, Abyssinia, 20 January, 1899. (No. 242.)

Iris brown ; bill reddish brown ; legs brown.

47. *CHRYSOMITRIS NIGRICEPS*.

Chrysomitris nigriceps (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 222 (1888) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 274 (1888).

a. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 279.)
Bill and legs black.

48. *CHRYSOMITRIS CITRINELLOIDES*.

Chrysomitris citrinelloides (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 229 (1888) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 274 (1888).

Chrysomitris melanops (Heugl.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 229 (1888).

a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 55.)

b. ♀. Warabili, Abyssinia, 3 January, 1899. (No. 100.)

c. ♀. Bilo, Abyssinia, 10 March, 1899. (No. 388.)

Iris brown ; bill and legs dark.

[We usually met with this Siskin singly or in pairs, in company with flocks of *Quelea aethiopica*.—L.]

49. *PETRONIA DENTATA*.

Petronia dentata (Sundev.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 295 (1888).

Xanthodira dentata Salvad. Ann. Mus. Civ. Gen. xxvi. p. 277 (1888).

a. ♀. Maritchi, Abyssinia, 22 March, 1899. (No. 443.)

Iris brown ; bill dusky ; legs slate.

The female before us apparently belongs to this species, though it is rather darker on the upper parts, and has the rufous-white superciliary stripes more strongly marked than in any of the female examples in the British Museum Collection. The bill is, moreover, slightly longer.

50. *PASSER SWAINSONI*.

Passer swainsoni (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 334 (1888); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 278 (1888).

- a. ♂. Hado, Abyssinia, 24 December, 1898. (No. 23.)
- b. ♀. Baroma, Abyssinia, 10 January, 1899. (No. 150.)
- c. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 239.)

a. Iris brown; bill black; legs brown.

b and c. Iris brown; bill dark; legs brown.

[Common throughout Abyssinia.—L.]

51. *POLIOSPIZA TRISTRIATA*.

Poliospiza tristriata (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 345 (1888); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 276 (1888).

- a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 57.)

b. ♂. Derru, Abyssinia, 5 January, 1899. (No. 113.)

c. ♂. Kosso, Abyssinia, 8 February, 1899. (No. 305.)

Iris light brown; bill dusky; legs brown.

[Usually met with in pairs. This Finch is more an inhabitant of woods than of cornfields.—L.]

52. *SERINUS ICTERUS*.

Serinus icterus Bonn.; Sharpe, Cat. B. Brit. Mus. xii. p. 356 (1888).

a. ♀ imm. Bilo, Abyssinia, 10 March, 1899. (No. 387.)

b. ♂ imm. Bilo, Abyssinia, 10 March, 1899. (No. 394.)

a. Iris brown; bill and legs dark brown.

b. Iris brown; bill dark; legs black.

An immature male and female, apparently of this species.

[Met with in the valleys of Central and Southern Abyssinia.—L.]

53. *SERINUS STRIOLATUS*.

Serinus striolatus (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 363 (1888); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 271 (1888).

a. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 282.)
Iris hazel ; bill and legs dark.

54. *SERINUS XANTHOPYGIUS.*

Serinus xanthopygius Rüpp. ; Sharpe, Cat. B. Brit. Mus. xii. p. 365 (1888).

a. ♂. Gerru, Abyssinia, 6 February, 1899. (No. 296.)
Iris brown ; bill and legs dark.

55. *SERINUS REICHENOWI.*

Serinus reichenowi Salvad. Ann. Mus. Civ. Gen. xxvi. p. 272 (1888) [Shoa].

a, b. ♂ ♀. Hado, Abyssinia, 24 December, 1898. (Nos. 25, 26.)

Iris brown ; bill and legs dusky.

The well-marked white eyebrow and spotted chest serve at once to distinguish this species from the closely-allied *S. xanthopygius* Rüpp.

56. *EMBERIZA HORTULANA.*

Emberiza hortulana Linn. ; Sharpe, Cat. B. Brit. Mus. xii. p. 530 (1888) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 268 (1888)

a, b. ♂ ♂. Balti, Abyssinia, 23 January, 1899. (Nos. 269, 270.)

Iris brown ; bill dark ; legs light.

[The Ortolan inhabits the high plateaux of Central Abyssinia where a few trees are to be found.—L.]

57. *EMBERIZA POLIOPLEURA.*

Fringillaria poliopleura, Salvad. Ann. Mus. Civ. Gen. xxvi. p. 269 (1888) [Shoa].

Emberiza poliopleura Sharpe, P. Z. S. 1895, p. 471 ; Hawker, Ibis, 1899, p. 49.

a. ♂. Acabsiyo, Somaliland, 17 December, 1898. (No. 15.)

b. ♂. Hawash, Abyssinia, 16 January, 1899. (No. 208.)

a. Iris brown ; bill and legs horn-colour.

b. Iris brown ; bill dark ; legs light.

The examples of this rare species agree with Salvadori's

description and with a typical example in the British Museum.

[This handsome Bunting was occasionally met with on the western side of Abyssinia, but was distinctly a rare bird.—L.]

58. FRINGILLARIA SEPTEMSTRIATA.

Fringillaria septemstriata (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xii. p. 559 (1888) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 269 (1888).

a. ♂. Gerru, Abyssinia, 6 February, 1899. (No. 293.)
Iris brown ; bill dark ; legs brown.

The true *F. septemstriata* (Rüpp.), with almost the whole of the inner webs of the primaries rufous, and only the tips dusky, is apparently not met with east of Abyssinia ; westward its range extends to the River Niger, and it has been got as far south as Lake Victoria Nyanza by Mr. F. J. Jackson. None of the birds obtained by Mr. Lort Phillips in Somaliland belong to this species, but should, in our opinion, be referred to the Southern form, *F. tahapisi*. The true *F. septemstriata* has the whole of the outer secondaries chestnut, only the terminal portion (about 0·5 inch) being dusky. The bird shot by Lord Lovat at Laga Hardim, in the north-west of the Galla country, can only be referred to *F. tahapisi*.

[Seen at intervals throughout our journey almost as far west as the Blue Nile.—L.]

59. FRINGILLARIA TAHAPISI.

Fringillaria tahapisi (Smith) ; Sharpe, Cat. B. Brit. Mus. xii. p. 558 (1888) ; Lort Phillips, Ibis, 1898, p. 399 [N. Somaliland].

Fringillaria septemstriata Lort Phillips (nec Rüppell), Ibis, 1898, p. 399 [N. Somaliland].

a. ♀ [evidently ♂]. Laga Hardim, Abyssinia, 14 January, 1899. (No. 181.)

Iris brown ; bill dark ; legs brown.

60. TEPHROCORYS RUFICEPS.

Tephrocorys ruficeps (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. xiii. p. 563 (1890) ; id. P. Z. S. 1895, p. 471.

a, b. ♂ ♀. Jifadensa, Abyssinia, 22 January, 1899.
(Nos. 253, 254.)

c. ♂ juv. Balti, Abyssinia, 23 January, 1899.
(No. 267.)

a, b. Iris brown ; bill and legs dark.

c. Iris brown ; bill dark ; legs light.

Specimen *c*, a young male, is in interesting plumage, and differs from the adult chiefly in having the top of the head and the greater part of the back and wing-coverts very dark brown, with a small white spot at the extremity of most of the feathers ; and the chest, breast, and sides buff, with a subterminal bar or spot of blackish brown.

[This Lark has the power of raising its crest. It is common at all altitudes of Shoan Abyssinia.—L.]

61. *ALAUDA PRÆTERMISSA*.

Alauda prætermissa Blanf. ; Sharpe, Cat. B. Brit. Mus. xiii. p. 579 (1890).

a. ♂. Jifadensa, Abyssinia, 22 January, 1899.
(No. 256.)

Iris brown ; bill dark ; legs light.

[Very common on the highlands. It appeared to feed in small flocks.—L.]

62. *MIRAFRA GILLETTI*.

Mirafra gilletti Sharpe, P. Z. S. 1895, p. 472 ; Lort Phillips, Ibis, 1898, p. 401 [N. Somaliland] ; Hawker, Ibis, 1899, p. 64.

a. ♂. Hawash, Abyssinia, 16 January, 1899. (No. 206.)

Iris brown ; bill dark ; legs light.

63. *SPILOCORYDON HYPERMETRUS*.

Spilocorydon hypermetrus Reichenow ; Sharpe, Cat. B. Brit. Mus. xiii. p. 620 (1890).

a. ♂. Kassim river, Abyssinia, 18 January, 1899.
(No. 223.)

b. ♂. Gadaburka, Abyssinia, 21 January, 1899.
(No. 249.)

a. Iris brown ; culmen dark, mandible whitish ; legs light horn-colour. Wing 4·6 inches, tail 3·4.

b. Iris hazel; culmen dark; mandible whitish; legs light horn-colour. Wing 4·3 inches, tail 3·4.

The measurements of these birds are somewhat larger than those given by Reichenow in his original description.

[Very common in the Hawash plain. This Lark is very shy and can be approached only when perching in the early morning. During the day it soars occasionally to a height of ten feet or so from the ground, where it hovers for two or three minutes at a time. On one occasion, in company with some Abyssinians, I surrounded a bird thus hovering over perfectly bare ground, but though we kept our eyes on the ground we failed either to discover the Lark, when settled, or to get it to rise again.—L.]

64. PYRRHULAUDA LEUCOTIS.

Pyrrhulauda leucotis (Stanl.); Sharpe, Cat. B. Brit. Mus. xiii. p. 657 (1890).

a. ♂. Kassim river, Abyssinia, 18 January, 1899. (No. 219.)

Iris brown; bill and legs bluish white.

65. MOTACILLA ALBA.

Motacilla alba Linn.; Sharpe, Cat. Brit. Mus. x. 464 (1885); Hawker, Ibis, 1899, p. 66.

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 70.)

b. ♂. Kassim river, Abyssinia, 18 January, 1899. (No. 229.)

Iris brown; bill and legs black.

[This Wagtail takes the place of *M. vidua* on all the rivers not in the Nile basin (Hawash, Kassim river, Gibbeh, and Turgu).—L.]

66. MOTACILLA VIDUA.

Motacilla vidua Sundev.; Sharpe, Cat. B. Brit. Mus. x. p. 488 (1885); id. P. Z. S. 1895, p. 473.

a. ♀. Didesa river, Abyssinia, 21 March, 1899. (No. 437.)

Iris brown; bill and legs black.

[This Wagtail was found only on the Blue Nile and its tributaries, the Didesa and Dabous rivers.—L.]

67. MOTACILLA MELANOPE.

Motacilla melanope Pall. ; Sharpe, Cat. B. Brit. Mus. x. p. 497 (1885) ; Lort Phillips, Ibis, 1898, p. 401 [Wagga Mountain, Somaliland, 7000 feet].

a. ♂. Baroma, Abyssinia, 10 January, 1899. (No. 145.)

b. ♀. Gedda, Abyssinia, 1 February, 1899. (No. 280.)

Iris brown ; bill dark ; legs light.

[I shot one specimen of the Grey Wagtail in the middle of the Kuni forest, several miles from water.—L.]

68. MOTACILLA CAMPESTRIS.

Motacilla campestris Pall. ; Sharpe, Cat. B. Brit. Mus. x. p. 510, pl. vi. figs. 1 & 2 (1885).

a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 53.)

Iris light hazel ; bill and legs black.

[A very widely-distributed Wagtail, usually seen in flocks along with *Anthus cervinus*.—L.]

69. MOTACILLA FELDEGGI.

Motacilla feldeggii Michah. ; Sharpe, Cat. B. Brit. Mus. x. p. 527, pl. viii. figs. 1-4 (1885).

a. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 66.)

Iris brown ; bill and legs black.

70. ANTHUS TRIVIALIS.

Anthus trivialis (Linn.) ; Sharpe, Cat. B. Brit. Mus. x. p. 543 (1885) ; id. P. Z. S. 1895, p. 473.

a. ♂. Ganti, Abyssinia, 28 March, 1899. (No. 459.)

Iris brown ; bill dark ; legs light.

71. ANTHUS PYRRHONOTUS.

Anthus pyrrhonotus (Vieill.) ; Sharpe, Cat. B. Brit. Mus. x. p. 555 (1885).

Anthus gouldi Fraser, P. Z. S. 1843, p. 27.

a. ♂. Arriro, Abyssinia, 19 February, 1899. (No. 352.)

b. ♂. Mendi, Abyssinia, 2 April, 1899. (No. 471.)

c. Imm. Mendi, Abyssinia, 8 April, 1899. (No. 479.)

Iris brown ; upper mandible black, lower yellow towards the base ; legs brown.

The three examples obtained are apparently referable to *A. gouldi* Fraser, which Dr. Sharpe regards as a small West-African form of *A. pyrrhonotus*. The upper parts of these birds, which are in somewhat worn plumage, are very dark brown, with faint traces of light edgings to the feathers; the underparts are deep tawny buff, darkest on the under tail-coverts. The wing in specimen *a* measures 3·8, and in *b* 4·0 inches, these measurements being unusually large.

[This Pipit seemed fond of the high grass-country, and was often observed to perch in trees.—L.]

72. ANTHUS SORDIDUS.

Anthus sordidus Rüpp.; Sharpe, Cat. B. Brit. Mus. x. p. 560 (1885); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 264 (1888); Lort Phillips, Ibis, 1898, p. 402 [N. Somaliland]; Hawker, Ibis, 1899, p. 66.

a. ♂. Staboolo, Somaliland, 21 December, 1898. (No. 19.)

b. ♂. Feyambiro, Abyssinia, 26 December, 1898. (No. 36.)

c. ♂. Hirna, Abyssinia, 9 January, 1899. (No. 141.)

d. ♀. Gadaburka, Abyssinia, 21 January, 1899. (No. 248.)

Iris brown; bill dark brown; legs light brown.

Specimens *b*, *c*, *d* are undoubtedly referable to *A. sordidus* Rüpp. Specimen *a* also apparently belongs to this species, but the feathers of the interscapular region and back are nearly uniform in colour and closely approach those of *A. pyrrhonotus*. Our knowledge of this group of Pipits is at present somewhat unsatisfactory, and when more material is available a thorough revision of the local races should prove interesting.

73. ANTHUS RUFULUS.

Anthus rufulus Vieill.; Sharpe, Cat. B. Brit. Mus. x. p. 574 (1885).

Anthus cinnamomeus Salvad. Ann. Mus. Civ. Gen. xxvi. p. 264 (1888).

a. ♂. Jig Jegga, Abyssinia, 23 December, 1898.
(No. 20.)

b. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899.
(No. 67.)

c. ♂. Jifadensa, Abyssinia, 22 January, 1899. (No. 255.)

d. ♀. Balti, Abyssinia, 23 January, 1899. (No. 261.)

e. ♀. Balti, Abyssinia, 23 January, 1899. (No. 264.)

f. ♂. Balti, Abyssinia, 23 January, 1899. (No. 271.)

g. Ad. Kuntaba, Abyssinia, 7 February, 1899. (No. 301.)

Iris light brown; bill dark; legs light.

[Widely distributed.—L.]

74. *ANTHUS CERVINUS*.

Anthus cervinus (Pall.); Sharpe, Cat. B. Brit. Mus. x. p. 585 (1885); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 265 (1888); Lort Phillips, Ibis, 1898, p. 402 [N. Somaliland].

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899.
(No. 71.)

b. ♂. Baroma, Abyssinia, 10 January, 1899. (No. 144.)

c. ♂. Balti, Abyssinia, 23 January, 1899. (No. 272.)

d. ♂. Damai Damash, Abyssinia, 23 February, 1899.
(No. 369.)

e. ♂. Jaka, Abyssinia, 27 February, 1899. (No. 375.)

a and *e.* Iris brown; bill dark; legs light.

b, *c*, and *d.* Iris brown; bill dark; legs brown.

Specimen *b* is still in winter plumage, with the throat white, the rufous just beginning to make its appearance; in all the other examples the rufous is more or less developed, while in specimen *c* it is of a distinctly vinaceous tint.

75. *MACRONYX FLAVICOLLIS*.

Macronyx flavicollis Rüpp.; Sharpe, Cat. B. Brit. Mus. x. p. 625 (1885); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 265 (1888).

a. ♂. Jifadensa, Abyssinia, 22 January, 1899. (No. 257.)

b. ♀. Balti, Abyssinia, 23 January, 1899. (No. 263.)

Iris brown; bill dark; legs light.

[A bird of the high plateaux, often observed to perch on trees. The black on the throat appeared to be more pro-

nounced in specimens from the west, but scarcity of cartridges forbade my ascertaining for certain.—L.]

76. NECTARINIA TACAZZE.

Nectarinia tacazze (Stanley) ; Gadow, Cat. B. Brit. Mus. ix. p. 4 (1884) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 138 (1884), & xxvi. p. 244 (1888).

a. ♂ imm. Tra, Abyssinia, 7 January, 1899. (No. 134.)

b. ♂ imm. Baroma, Abyssinia, 10 January, 1899 (No. 152.)

c. ♂ imm. Kuntaba, Abyssinia, 7 February, 1899. (No. 300.)

d. ♂ imm. Lekamte, Abyssinia, 16 March, 1899. (No. 431.)

Iris brown ; bill and legs black.

[This bird was frequently seen from January to April, but never in full plumage.—L.]

77. NECTARINIA CUPREONITENS.

Nectarinia famosa (Linn.), northern race *N. cupreonitens*, Gadow, Cat. B. Brit. Mus. ix. p. 6 (1884).

Nectarinia famosa? Salvad. Ann. Mus. Civ. Gen. xxi. p. 138 (1884).

a. ♂ imm. Kosso, Abyssinia, 8 February, 1899. (No. 304.)

Iris brown ; bill and legs black.

[Fairly common throughout Abyssinia, though seldom seen on the upper plateaux.—L.]

78. NECTARINIA PULCHELLA.

Nectarinia pulchella (Linn.) ; Gadow, Cat. B. Brit. Mus. ix. p. 7 (1884) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 137 (1884), & xxvi. p. 244 (1888).

a. ♂ imm. Kassim river, Abyssinia, 20 January, 1899. (No. 241.)

b. ♂ imm. Jawaha, Abyssinia, 21 February, 1899. (No. 355.)

Iris brown ; bill and legs black.

[Difficult to distinguish. I have no record of its distribution.—L.]

79. CINNYRIS AFFINIS.

Cinnyris affinis (Rüpp.) ; Gadow, Cat. B. Brit. Mus. ix. p. 40 (1884) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 140 (1884), & xxvi. p. 246 (1888).

a. [♂ imm.] Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 50.)

b. [♀ ad.] Abyssinia.

Bill and legs black.

80. CINNYRIS HABESSINICA.

Cinnyris habessinica (Hempr. & Ehr.) ; Gadow, Cat. B. Brit. Mus. ix. p. 52 (1884) ; Sharpe, P. Z. S. 1895, p. 474 ; Lort Phillips, Ibis, 1898, p. 402 [N. Somaliland] ; Hawker, Ibis, 1899, p. 67.

a. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 237.)

Iris brown ; bill and legs black.

[Only observed at the Kassim river.—L.]

81. CINNYRIS CRUENTATA.

Cinnyris cruentata (Rüpp.) ; Gadow, Cat. B. Brit. Mus. ix. p. 93 (1884).

Chalcomitra cruentata, Salvad. Ann. Mus. Civ. Gen. xxi. p. 141 (1884).

Chalcomitra scioana, Salvad. Ann. Mus. Civ. Gen. xxvi. p. 247 (1888).

a. ♂ juv. Lake Chercher, Abyssinia, 11 Jan., 1899. (No. 163.)

b. ♂ ad. „ „ 12 Jan., 1899. (No. 172.)

c. ♂ ad. Hawash, Abyssinia, 16 January, 1899. (No. 209.)

d. ♀ ad. Arriro, „ 19 February, 1899. (No. 347.)

e. ♂ ad. Bilo, „ 10 March, 1899. (No. 390.)

Iris brown ; bill and legs black.

C. scioana Salvad. cannot be maintained.

82. ZOSTEROPS ABYSSINICA.

Zosterops abyssinica Guér. ; Gadow, Cat. B. Brit. Mus. ix. p. 168 (1884) ; Hawker, Ibis, 1899, p. 67.

a. ♀. Laga Hardim, Abyssinia, 14 January. 1899, (No. 182.)

Iris brown ; bill and legs dark.

[This active little bird swarms all over the thick woods of the Abyssinian valleys. Like *Zosterops poliogaster*, it is widely distributed throughout the low country.—L.]

83. *ZOSTEROPS POLIOGASTER*.

Zosterops poliogaster Heugl.; Gadow, Cat. B. Brit. Mus. ix. p. 169 (1884); Salvad. Ann. Mus. Civ. Gen. xxi. p. 141 (1884), & xxvi. p. 249 (1888).

a. ♂. Warabili, Abyssinia, 3 January, 1899. (No. 101.)

Iris brown; bill black; legs dark.

[A very common bird. The telephone-wire, along which one marches for 200 weary miles to Addis Abbeba, seems to be a cause of great destruction to this beautiful little Silver-eye, and many specimens were brought in by our mule-men in the hope of receiving the dollar reward given for a new bird.—L.]

84. *PARUS LEUCOMELAS*.

Parus leucomelas Rüpp. Neue Wirbelth., Vög. p. 100, pl. 37. fig. 2 (1835).

Parus niger [*a.* northern race] Gadow, Cat. B. Brit. Mus. viii. p. 7 (1883).

Melaniparus leucomelas, Salvad. Ann. Mus. Civ. Gen. xxvi. p. 243 (1888).

a. ♂. Telagubaie, Abyssinia, 17 February, 1899. (No. 327.)

Iris brown; bill black; legs dark slate-colour.

85. *PARUS LEUCONOTUS*.

Parus leuconotus Guér.; Gadow, Cat. B. Brit. Mus. viii. p. 10 (1883).

Melaniparus leuconotus Salvad. Ann. Mus. Civ. Gen. xxi. p. 137 (1884), & xxvi. p. 243 (1888).

a. ♀. Burka, Abyssinia, 6 January, 1899. (No. 120.)

Iris brown; bill and legs black.

86. *ÆGITHALUS MUSCULUS*.

Ægithalus musculus, Hartl. J. f. O. 1882, p. 326 [Lado]; Sharpe, P. Z. S. 1895, p. 476.

Anthoscopus musculus, Hawker, Ibis, 1899, p. 68 [Somaliland].

a. Ad. Hawash, Abyssinia, 16 January, 1899. (No. 210.)
Iris light brown; bill and legs black.

This is another instance of a species of Equatorial Africa which extends its range into Abyssinia and Somaliland, where it had been previously met with by Mr. Hawker.

87. *TELOPHONUS BLANFORDI* (Sharpe); Gadow, Cat. B. Brit. Mus. viii. p. 127 (1883); Sharpe, P. Z. S. 1895, p. 479.

a, b. ♂ ad. Laga Hardim, Abyssinia, 14 January, 1899. (Nos. 180, 187.)

c. ♀. Laga Hardim, Abyssinia, 15 January, 1899. (No. 196.)

d. Philwaha, Abyssinia, 16 February, 1899. (No. 316.)

e. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 418.)

a, c. Iris brown, with 5 white spots round pupil; bill black; legs light slate-colour.

b, d. Iris brown, with 7 white spots round pupil; bill black; legs light slate-colour.

e. Iris brown, with 3 white spots round pupil; bill black; legs slate-colour.

[The number of spots round the pupil varies from 3 to 7 in different individuals.—L.]

88. *TELOPHONUS MINUTUS*.

Telophonus minutus Hartl.; Gadow, Cat. B. Brit. Mus. viii. p. 128 (1883).

a. ♀. Gelongol, Abyssinia, 13 March, 1899. (No. 407.)

b. ♂. Mendi, Abyssinia, 6 April, 1899. (No. 477.)

c. ♀ imm. Mendi, Abyssinia, 19 April, 1899. (No. 485.)

a. Iris brickdust-red; bill dark; legs slate-colour.

b. Iris pale brickdust-red; bill black; legs dark.

c. Iris light brickdust-red; bill dark; legs light slate-colour.

The occurrence of this species in South-western Abyssinia extends the known range about 700 miles in a north-easterly direction.

[This bird was most common in the high grass and bamboo of the Dabous valley.—L.]

89. DRYOSCOPUS FUNEBRIS.

Dryoscopus funebris Hartl.; Gadow, Cat. B. Brit. Mus. viii. p. 133 (1883); Sharpe, P. Z. S. 1895, p. 478; Lort Phillips, Ibis, 1898, p. 406 [N. Somaliland].

a. Ad. Ketchen Waha, Abyssinia, 16 January, 1899. (No. 202.)

Iris brown; bill and legs black.

[Like the rest of the Bush-Shrikes, this bird is seldom seen. It was never observed west of Addis Abbeba.—L.]

90. DRYOSCOPUS ÆTHIOPICUS.

Dryoscopus æthiopicus (Gm.); Gadow, Cat. B. Brit. Mus. viii. p. 139 (1883); Sharpe, P. Z. S. 1895, p. 478; Lort Phillips, Ibis, 1898, p. 405 [N. Somaliland]; Hawker, Ibis, 1899, p. 69.

a. ♂. Lake Chercher, Abyssinia, 12 January, 1899. (No. 176.)

Iris brown; bill black; legs dark slate-colour.

[The note of this bird meets the Abyssinian traveller's ears every day. The double call-note is caused by the male and the answering female, the call and reply being so rapid that unless one actually has both birds in sight one would hardly imagine that the reply of the female could be so instantaneous. In addition to the call-note, the male whistles an octave on a descending scale, and the female utters the "gurr" typical of the Shrike family. I am aware that this explanation of the double note of *Dryoscopus æthiopicus* is opposed to the observations of Rüppell and Blanford, but I state what I have myself observed.—L.]

91. DRYOSCOPUS GAMBENSIS.

Dryoscopus gambensis (Licht.); Gadow, Cat. B. Brit. Mus. viii. p. 146 (1883); Sharpe, P. Z. S. 1895, p. 478.

a. ♂. Hado, Abyssinia, 24 December, 1898. (No. 22.)

b. ♀. Arriro, Abyssinia, 19 February, 1899. (No. 348.)

c. ♀. Arriro, Abyssinia, 19 February, 1899. (No. 349.)

d. ♂. Maritchi, Abyssinia, 22 March, 1899. (No. 441.)

e. Ganti, Abyssinia, 28 March, 1899. (No. 457.)

f. ♂. Mendi, Abyssinia, 28 April, 1899. (No. 488.)

Iris red; bill black; legs slate-colour.

[A bush-haunting bird. Very widely distributed.—L.]

92. *LANIARIUS CRUENTUS*.

Laniarius cruentus (Hempr. & Ehr.) ; Gadow, Cat. B. Brit. Mus. viii. p. 152 (1883) ; Sharpe, P. Z. S. 1895, p. 477 ; Lort Phillips, Ibis, 1898, p. 405 [N. Somaliland] ; Hawker, Ibis, 1899, p. 68.

a. ♀. Gobeyla, Somaliland, 11 December, 1898. (No. 2.)
Iris brown ; bill black ; legs slate-colour.

b. ♀. Hargeisa, Somaliland, 13 December, 1898. (No. 3.)

c. ♀. Kassim river, Abyssinia, 18 January, 1899.
(No. 220.)

[Seen in Abyssinia only on the Hawash plains. Like *Lanius pomeranus*, it belongs rather to the burnt-up foreshore of Donkali and Somaliland than to the highlands of Abyssinia.—L.]

93. *LANIARIUS ERYTHROGASTER*.

Laniarius erythrogaster (Rüpp.) ; Gadow, Cat. B. Brit. Mus. viii. p. 154 (1883).

a. ♀. Famaka, Blue Nile, 6 May, 1899. (No. 497.)
Iris yellow ; bill and legs black.

[Very common along the Blue Nile, its fine double note, with the "gurr" of the female, peculiarly harsh even for a member of the Shrike family, at once betrays the presence of this bird.—L.]

94. *NILAUS AFER*.

Nilaus afer (Lath.) ; Gadow, Cat. B. Brit. Mus. viii. p. 169, pl. v. fig. 2 (1883) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 136 (1884), & xxvi. p. 242 (1888).

a. ♂. Kassim river, Abyssinia, 18 January, 1899.
(No. 225.)

b. ♂. Wama, Abyssinia, 12 March, 1899. [No. 401.]

a. Iris brown ; bill and legs black.

b. Iris brown ; bill and legs dark slate-colour.

[A rare bird, met with only on the two occasions when specimens were procured.—L.]

95. *LANIUS EXCUBITORIUS*.

Lanius excubitorius Des Murs ; Gadow, Cat. B. Brit. Mus.

viii. p. 253 (1883) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 130 (1884), & xxvi. p. 239 (1888).

a, b. ♂ ad. Philwaha, Abyssinia, 16 February, 1899. (Nos. 321, 322.)

Iris brown ; bill and legs black.

[This Shrike was always found in family parties of from five to ten in number. Though very common locally, with the exception of a solitary bird seen at the Didesa river, it was met with only in the Djimma valley.—L.]

96. LANIUS HUMERALIS.

Lanius humeralis Stanley ; Gadow, Cat. B. Brit. Mus. viii. p. 255 (1883) ; Sharpe, P. Z. S. 1895, p. 476.

a, b. ♂ ♀. Harrar, Abyssinia, 27 December, 1898. (Nos. 40, 46.)

c. ♀. Gadaburka, Abyssinia, 21 January, 1899. (No. 250.)

d. ♀. Ticka Tcheeka, Abyssinia, 22 February, 1899. (No. 365.)

e. ♂ imm. Gitemma, Abyssinia, 14 March, 1899. (No. 424.)

f. ♀ imm. Guatti, Abyssinia, 27 March, 1899. (No. 456.)

a, b, c, d, f. Iris brown ; bill and legs black.

e. Iris brown ; bill and legs dark slate-colour.

[The most widely-distributed bird in Abyssinia proper. It makes an open untidy nest, usually containing about five eggs, of a pale green colour, with brown spots at the larger end. It was one of the earliest birds to nest (March 1st).—L.]

97. LANIUS NUBICUS.

Lanius nubicus Licht. ; Gadow, Cat. B. Brit. Mus. viii. p. 282 (1883).

a. ♂. Kassim river, Abyssinia, 20 January, 1899. (No. 243.)

Iris brown ; bill steel-blue ; legs black.

[The only example of this Shrike met with during our journey was the one secured on the Kassim river.—L.]

98. *LANIUS POMERANUS*.

Lanius auriculatus P. L. S. Müller ; Gadow, Cat. B. Brit. Mus. viii. p. 283 (1883).

Lanius pomeranus Hawker, Ibis, 1899, p. 68 [Somaliland].

a. ♀. Gadaburka, Abyssinia, 21 January, 1899. (No. 251.)

Iris, bill, and legs brown.

[The Woodchat-Shrike was met with in Abyssinia only on the Hawash plain, though we had come across it in Western Somaliland ; it was never seen at any great elevation.—L.]

99. *BRADYORNIS PALLIDUS*.

Bradyornis pallidus (Müller) ; Sharpe, Cat. B. Brit. Mus. iii. p. 310 (1877).

a. ♂. Arriro, Abyssinia, 18 February, 1899. (No. 340.)

Iris brown ; bill and legs black.

This species was originally described by Müller from Abyssinia and Kordofan. The male collected at Arriro agrees perfectly with the original description and with examples in the British Museum from Bogos-land (*Esler*), having the wing 3·75 and the tail 3·3 inches in length, while the under wing-coverts, axillaries, inner margins of the quills, vent, and under tail-coverts are of the same pale vinaceous red.

Birds from Lamu, Mombasa, and Dar-es-Salaam, as well as those from Gosa and Langomeri, in Equatorial Africa (*Emin*), also apparently belong to this species, but are somewhat smaller, as shown by the measurements of both the wing and tail. A male has the wing 3·3, tail 2·6 inches ; two females measure, wing 3·1, tail 2·7 inches.

A number of birds from Zomba, British Central Africa, and other localities have been included in *B. pallidus*, but this identification does not appear to be quite satisfactory.

100. *BRADYORNIS CHOCOLATINUS*.

Curruca chocolatina Rüpp. Syst. Uebers. p. 37, pl. xiv. (1845) [immature].

Muscicapa chocolatina Rüpp. Syst. Uebers. p. 49, pl. xx. (1845) [adult].

Bradyornis chocolatina (Rüpp.); Sharpe, Cat. B. Brit. Mus. iii. p. 311 (1877); Hartert, Kat. Mus. Senck. p. 97 (1891).

Lioptilus chocolatinus Salvad. Ann. Mus. Civ. Gen. xxi. p. 127 (1884), & xxvi. p. 237 (1888).

a. ♂. Jumjum, Abyssinia, 4 March, 1899. (No. 378.)

Iris brown; bill slate-colour; legs black.

101. MELÆNORNIS SCHISTACEA.

Melænornis schistacea Sharpe, P. Z. S. 1895, p. 481.

a. ♀. Harrar, Abyssinia, 27 December, 1898. (No. 42.)

Iris brown; bill and legs black.

This species was first obtained by Dr. Donaldson Smith in the Darro Mountains, near the Shebeli river. The Harrar bird extends the known range of this species more than 300 miles further north.

102. PRIONOPS POLIOCEPHALUS.

Prionops poliocephalus (Stanley); Sharpe, Cat. B. Brit. Mus. iii. p. 321 (1877); Salvad. Ann. Mus. Civ. Gen. xxi. p. 136 (1884).

a. ♂. Beni Schongul, Abyssinia, 3 May, 1899. (No. 493.)

Iris yellow; bill black; legs yellow.

[Seen in small flocks in the valley of the Blue Nile.—L.]

103. SYLVIA ATRICAPILLA.

Sylvia atricapilla (Linn.); Seebohm, Cat. B. Brit. Mus. v. p. 23 (1881).

a. ♂. Hirna, Abyssinia, 8 January, 1899. (No. 139.)

Iris brown; bill black; legs dusky.

Evidently a winter visitor, but its occurrence so far south is worthy of note.

[Inhabits dense bush, where it is difficult to approach and rarely seen or heard.—L.]

104. ACROCEPHALUS PHRAGMITIS.

Acrocephalus phragmitis (Bechst.); Seebohm, Cat. B. Brit. Mus. v. p. 91 (1881).

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 72.)

Iris brown; bill dark; legs sage-green.

105. PHYLLOSCOPUS TROCHILUS.

Phylloscopus trochilus (Linn.); Seebohm, Cat. B. Brit. Mus. v. p. 56 (1881); Sharpe, P. Z. S. 1895, p. 481.

a. Ganti, Abyssinia, 28 March, 1899. (No. 461.)

Iris brown; bill light; legs dark.

[The Willow-Warbler was once seen, and then only a single specimen.—L.]

106. PHYLLOSCOPUS RUFUS.

Phylloscopus rufus (Bechst.); Seebohm, Cat. B. Brit. Mus. v. p. 60 (1881); Lort Phillips, Ibis, 1898, p. 408 [N. Somaliland].

a. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 109.)

b. ♀. Baroma, Abyssinia, 10 January, 1899. (No. 143.)

a. Iris brown; bill and legs dark.

b. Iris light hazel; bill and legs black.

[The Chiffchaff was very common in all the wooded valleys of Abyssinia.—L.]

107. LUSCINIOLA ABYSSINICA.

Luscinola abyssinica Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xix (1899).

a. ♂. Lake Chercher, Abyssinia, 12 January, 1899. (No. 165.) [Type of the species.]

Though allied to *L. thoracica* (Blyth) and *L. mandellii* (Brooks), this Grasshopper-Warbler may be at once distinguished by having the upper parts of a darker and richer brown, tinged with rufous on the lower back and rump. The buff-coloured chest is separated from the white of the throat by a fairly well-marked band of blackish spots, the sides of the body and flanks are dull rusty brown, and the under tail-coverts uniform dull rust-colour. The first primary-quill is two thirds of the length of the second, which is about equal to the tenth; the fourth, fifth, and sixth are subequal and longest. Iris brown; upper mandible and the extremity of the lower blackish horn, the rest of the under mandible whitish. Total length about 6·0 inches, culmen 0·65, wing 2·1, tail 2·4, tarsus 0·8.

108. *PARISOMA GALINIERI*.

Parisoma galinieri Guér. Rev. Zool. 1843, p. 162 [Abyssinia].

Parisoma frontale Rüpp. Syst. Uebers. p. 43, pl. xxii. (1845) [Shoa].

Lioptilus galinieri (Guér.); Salvad. Ann. Mus. Civ. Gen. xxi. p. 126 (1884), & xxvi. p. 236 (1888).

a. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 107.)

b. ♀. Baroma, Abyssinia, 10 January, 1899. (No. 146.)

a. Iris brown; bill and legs black.

b. Iris reddish brown; bill black; legs dark brown.

There is apparently no reason for placing this species in the genus *Lioptilus*. In structure it agrees well with *P. subcæruleum*, the type of the genus *Parisoma*; it also resembles that species in its style of plumage and coloration.

109. *PARISOMA LUGENS*.

Sylvia (Curruca) lugens Rüpp. Neue Wirbelth., Vög. p. 113, pl. 44. fig. 2 (1835); Hartert, Kat. Mus. Senckenb. p. 14 (1891) [nec Sharpe, Ibis, 1891, p. 444, footnote, & 1892, p. 302].

a. ♂. Gitemma, Abyssinia, 14 March, 1899. [No. 425.]

b. ♂. Lekamte, Abyssinia, 16 March, 1899. [No. 430.]

Iris brown; bill and legs black.

Now that we have the opportunity of examining authentic examples of this rare Warbler, hitherto known only from Rüppell's type in the Frankfort Museum, it is evident that the birds collected by Mr. F. J. Jackson in British East Africa belong to a distinct species.

Since Dr. Sharpe identified the skin of a single male from Mount Elgon with *Sylvia lugens* Rüpp., Mr. Jackson has sent home a number of additional examples of both sexes. A comparison of the series now available shows that the Elgon and Nandi birds differ constantly from typical examples of *Parisoma lugens*, the top of the head being brown and uniform in colour with the back, whereas in the latter species the crown is deep brownish black, shading gradually into brown on the upper parts.

Dr. Sharpe now proposes to call the East-African bird *Parisoma jacksoni* [see Bull. B. O. C. vol. x. p. xxviii (1899)].

Sylvia blanfordi Seebohm is closely allied to this species, and should be transferred to the genus *Parisoma*, the long, well-developed, first primary-quill distinguishing it from the genus *Sylvia*.

This species is new to the British Museum Collection.

[Though plentiful locally about Gitemma and Bilo, in Upper Lika, this Warbler did not appear to have a wide range. It has a pleasant note, and altogether has a rather superficial resemblance to a "pocket edition" of the Bulbul.—L.]

110. SYLVIELLA MICRURA.

Troglodytes micrurus Rüpp. Neue Wirbelth., Vög. p. 109, pl. 41. fig. 2 (1835).

Oligura micrura Rüpp. Syst. Uebers. p. 56 (1845); Bonap. Consp. Av. i. p. 257 (1850); Heugl. Syst. Uebers. p. 21 (1856); id. Ibis, 1859, p. 340.

Oligocercus microurus Cab. J. f. O. 1853, p. 109 [part].

Oligocercus micrurus Heugl. Ibis, 1869, p. 141 [part: Bogos-land, Abyssinia, Coast of the Red Sea, southward to Tedjura]; Blanf. Geol. & Zool. Abyss. p. 376 (1870) [below Senafé and Anseba Valley].

Oligocercus rufescens Heugl. (nec Vieill.) Orn. N.O.-Afr. i. p. 236 (1869); Finsch, Trans. Zool. Soc. vii. p. 230 (1870); Finsch & Hartl. Vög. Ost-Afr. p. 227 (1870).

Sylviella leucopsis Reichen. Orn. Centralbl. 1879, p. 114 [Kibaradja]; Reich. & Schalow, J. f. O. 1879, p. 328; Fischer & Reich. J. f. O. 1879, p. 355 [Malindi].

Sylviella micrura Sharpe, Cat. B. Brit. Mus. vii. p. 154 (1883) [part, specimens *d* & *e*]; id. P. Z. S. 1895, p. 482 [Fehja, W. Somaliland]; Lort Phillips, Ibis, 1898, p. 409 [N. Somaliland]; Hawker, Ibis, 1899, p. 70.

a. ♂. Feyambiro, Abyssinia, 25 December, 1898. (No. 31.)

Iris light brown; bill dusky; legs brown.

111. SYLVIELLA BRACHYURA.

Sylvietta brachyura Lafr. Rev. Zool. 1839, p. 258 [Senegambia*]; Des Murs, in Lefebvre, Voy. en Abyss., Zool. p. 89 (1845).

Sylvietta brevicauda Des Murs, in Lefebvre, Voy. en Abyss. pl. 6 (1845).

Oligura brachyptera Bonap. Consp. Av. i. p. 257 (1850) [Sennaar*].

Oligocercus microurus Cab. J. f. O. 1853, p. 109 [part].

Oligocercus micrurus Heugl. Ibis, 1869, p. 141 [part: Sennaar, S. Nubia, Taka, White Nile, Kordofan].

Oligocercus rufescens Hartl. Abh. nat. Ver. Bremen, vii. p. 92 (1880) [Lado].

Sylviella micrura Sharpe, Cat. B. Brit. Mus. vii. p. 154 (1883) [part, specimens *a*, *b*, *c*].

a. ♂. Maritchi, Abyssinia, 22 March, 1899. (No. 442.)
Iris light brown; bill dark brown; legs brown.

In the 'Catalogue of Birds,' *Troglodytes micrurus* Rüpp. and *Sylvietta brachyura* Lafr. are united as belonging to one and the same species, but with the material now available we are in a position to point out that this is not the case. The white-eyebrowed, white-throated bird with a shorter, stouter, bill (*S. micrura* (Rüpp.)) is found in Somaliland, Eastern Abyssinia, as far north as Bogos-land, and as far south as Kibaradja and Malindi on the coast of East Africa. *S. brachyura* Lafr., which has the superciliary stripes and throat uniform rust-colour, and the bill longer and more slender, ranges from Equatorial Africa, through Kordofan, Sennaar, and S. Nubia to the Anseba valley, Bogos-land, and Western Abyssinia.

It is probably by accident that Lafresnaye gave the locality of this species as Senegambia, for Bonaparte subsequently corrected it to Sennaar. The synonymy of the two species should stand as given above.

There can be no doubt that *S. jacksoni* Sharpe, from Kavirondo, is synonymous with *S. whytii* Shelley from

* Bonaparte gives the locality as "Sennaar"; this is no doubt correct.

Zomba, the latter name having priority; and it is, in our opinion, somewhat doubtful whether *S. pallida* Alexander (see above, p. 75) is really distinct from this species, and whether the pale colouring of the superciliary stripes, sides of the face, and underparts may not be merely due to wear. The bill is, however, black in *S. pallida* and rather stronger, while in *S. whytii* it is brownish horn-colour.

Two small birds from Manda Island [the same individuals to which Mr. Alexander has referred as typical examples of *S. leucopsis* Reich. (Bull. B. O. C. viii. p. xlvi, 1899)] prove to belong to a distinct species, which I propose to call

SYLVIELLA MINIMA, sp. n.*

Adult male and female. Easily distinguished from the allied forms *S. whytii* and *S. isabellina* by having the upper parts pale grey, tinged with olive, especially on the rump and upper tail-coverts. Total length about 3·2 inches; culmen 0·55; wing, ♂ 2·1, ♀ 2·0; tail 0·9; tarsus 0·7.

Hab. Manda Island, British East Africa (*F. J. Jackson*).
[*Types of the species.*]

S. baraka Sharpe appears to be founded on immature examples of *S. virens* (Cass.).

As some of the species of the genus *Sylviella* have been much confused, I append a Key:—

Key to the Species†.

- A. Crown grey like the upper parts; in *S. minima* the upper parts are slightly washed with olive.
 - a. Middle of the breast and belly white, contrasting rather sharply with the rufous-cinnamon of the upper breast, sides, and flanks.
 - a¹. Superciliary stripe, cheeks, and throat white; a well-marked black band from the base of the bill to the eye; culmen shorter and stouter, 0·48 inch . . . *micrura*.
 - b¹. Superciliary stripe, cheeks, chin, and throat cinnamon-rufous; bill longer and more slender, 0·58 inch *brachyura*.

* See Alexander, above, p. 75, Pl. I. fig. 2.

† *Sylviella rufigenis* Reich. J. f. O. 1887, p. 125, from the Upper Congo, has not been examined and is not included in the Key.

- b.* Middle of the breast and belly cinnamon-rufous like the sides, or if paler, as is sometimes the case in faded examples, not contrasting with the sides and flanks.
- c*¹. Back and upper parts grey, without any tinge of olive.
- a*². A marked blackish band from the base of the bill passing through the eye, dividing the pale buff well-marked superciliary stripe from the cheeks and ear-coverts of the same colour: larger wing 2·4-2·5 inches, culmen 0·7 *rufescens.*
- b*². No dark band from the base of the bill through the eye.
- a*³. Culmen not exceeding 0·55 inch in length.
- a*⁴. Superciliary stripe, cheeks, and ear-coverts rufous - cinnamon; bill pale brownish horn *whytii.*
- b*⁴. Superciliary stripe, cheeks, and ear-coverts whitish; bill black *pallida.*
- b*³. Culmen 0·7 inch in length; very indistinct superciliary stripe, cheeks, and ear-coverts whitish *isabellina.*
- d*¹. Back and upper parts pale grey tinged with olive, especially on the rump and upper tail-coverts; superciliary stripe, cheeks, and sides of face pale cinnamon-rufous like the rest of the underparts: culmen 0·55 inch, wing 2·0-2·1 *minima.*
- B.* Crown and sides of the head chestnut; rest of upper parts grey *ruficapilla.*
- C.* Crown brown or reddish brown, rest of upper parts olive-green or dull olive-green.
- c.* A wide white superciliary stripe; chest grey; under tail-coverts yellow *leucophrys.*
- d.* Superciliary stripe narrow, pale rufous white; chest reddish brown; under tail-coverts white *virens.*
- e.* Superciliary stripe brownish white; breast and belly yellow; under tail-coverts white.
- e*¹. Sides and flanks olive-green *flaviventris*
- f*¹. Sides pure white; flanks ashy *stampflii.*

112. CAMAROPTERA BREVICAUDATA.

Camaroptera brevicaudata (Cretzsch.) ; Sharpe, Cat. B. Brit. Mus. vii. p. 168 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 144 (1884); Lort Phillips, Ibis, 1898, p. 409 [N. Somaliland].

- a.* ♀. Hirna, Abyssinia, 8 January, 1899 (No. 138.)
b. ♂. Kassim river, Abyssinia, 20 January, 1899.
 (No. 244.)

a. Iris light hazel; bill dusky; legs light.
b. Iris hazel; bill black; legs brown.

113. *ORTHOTOMUS MAJOR*.

Orthotomus major Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xx (1899).

- a.* ♂. Gitemma, Abyssinia, 14 March, 1899. (No. 420.)
 [*Type of the species.*]

Though allied to *O. erythropterus* (Jardine), this Tailor-bird may be readily recognized by its much larger size and by the colour of the bill, which is light horn-colour instead of black. It has, moreover, the forehead and top of the head vinous red, while the chest and rest of the underparts are much paler, being white, washed with very pale cinnamon, especially on the belly, thighs, and under tail-coverts. Iris light hazel; bill and legs light horn-colour. Total length about 6·4 inches, culmen 0·8, wing 2·5, tail 2·7, tarsus 0·92.

[I only once saw this bird with a companion identical in shape and size; it was feeding halfway up some very high grass close to our camp. After shooting and failing to find it during half an hour's search, I returned to camp to obtain the assistance of some of our men. The offer of a dollar had the required effect.—L.]

114. *PRINIA MURINA*.

Prinia mystacea Rüpp.; Sharpe, Cat. B. Brit. Mus. vii. p. 191 (1883) [part].

Prinia murina (Heugl.); Salvad. Ann. Mus. Civ. Genov. xxi. p. 145 (1884), & xxvi. p. 252 (1888).

- a.* ♂. Hado, Abyssinia, 24 December, 1898. (No. 27.)
b. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 110.)
c. ♂. Laga Hardim, Abyssinia, 14 January, 1899.
 (No. 184.)

d. ♂. Philwaha, Abyssinia, 16 February, 1899. (No. 317.)
e. ♀. Konduro, Abyssinia, 25 March, 1899. (No. 451.)
a. Iris light brown; bill and legs brown.

b. Iris light brown ; bill and legs black.

c, d, e. Iris light hazel ; bill dark ; legs light.

[A common bird, and easily distinguished by its cocked-up tail and jerky flight.—L.]

115. *CISTICOLA TERRESTRIS.*

Cisticola terrestris (Smith) ; Sharpe, Cat. B. Brit. Mus. vii. p. 266 (1883) ; Hawker, Ibis, 1899, p. 71 [Somaliland].

Hemipteryx terrestris Salvad. Ann. Mus. Civ. Gen. xxvi. p. 255 (1888).

a. ♂. Jig Jegga, Abyssinia, 23 December, 1898. (No. 21.)

b. Kassim river, Abyssinia, 18 January, 1899. (No. 221.)

c. ♀. Kombolsha, Abyssinia, 15 February, 1899. (No. 314.)

d. Golba, Abyssinia, 25 February, 1899. (No. 373.)

Iris light brown ; bill dark brown ; legs light brown.

a. ♂. Wing 2·1 inches.

c. ♀. Wing 1·9 inch.

[This species favours the open plain, and is almost invariably to be seen running on the ground.—L.]

116. *CISTICOLA CINEREOLA.*

Cisticola cinereola Salvad. Ann. Mus. Civ. Gen. xxvi. p. 254 (1888) [Shoa].

? *Cisticola somalica* Sharpe, P. Z. S. 1895, p. 483 [Western Somaliland].

a. ♂. Hawash, Abyssinia, 16 January, 1899. [No. 205.]

b. ♂. „ „ 17 January, 1899. [No. 216.]

Iris light brown ; bill dusky ; legs light.

Two males in the collection undoubtedly belong to this species. They agree perfectly with Salvadori's description of the female type, but, as one might expect, are somewhat larger.

a. Wing 2·55 inches, tail 2·25.

b. „ 2·5 „ „ 2·15.

Salvadori's female type from Farré, Shoa, measures :—wing 2·24 inches, tail 1·92.

C. somalica Sharpe, from Mimie and Ehrer in Western Somaliland, is almost certainly identical with the present bird.

It differs only in having the buff on the underparts more pronounced; and this difference is probably seasonal, for the types of *C. somalica* were collected in July and August, while the type of *C. cinereola* was obtained in February, and the birds before us, which exactly resemble the latter, are dated 16th and 17th January.

[This Grass-Warbler is more like a Pipit in its habits than the rest of the species of *Cisticola*, spending much of its time on the ground. It was met with only on the dry Hawash plain.—L.]

117. *CISTICOLA ERYTHROGENYS*.

Cisticola erythrogenys (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. vii. p. 275 (1883). [Female.]

Cisticola robusta Rüpp. ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 146 (1884), & xxvi. p. 252 (1888). [Male.]

a. ♂. Derru, Abyssinia, 5 January, 1899. (No. 117.)

b. ♀. Burka, Abyssinia, 6 January, 1899. (No. 124.)

c. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 283.)

d. ♂. Lekamte, Abyssinia, 16 March, 1899. (No. 429.)

a, b, c. Iris brown; bill dark brown; legs light brown.

d. Iris light hazel; bill dark; legs light.

The males of this species are, as is usual with members of this genus, very much larger than the females.

a. ♂. Wing 3·0 inches, tail 1·1.

b. ♀. „ 2·5 „ „ 1·1.

c. ♂. „ 3·0 „ „ 1·2.

d. ♂. „ 2·9 „ „ 1·1.

Specimen *d* differs from *a* and *c* in having the lower back and rump almost uniform black.

[A very common species throughout Abyssinia. I shot one at Derru out of a flock of *Quelea aethiopica*, apparently feeding on the dhurra-stalks; but the contents of the bird's crop were unfortunately not noted.—L.]

118. *CISTICOLA LUGUBRIS*.

Cisticola lugubris (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. vii. p. 280 (1883) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 149 (1884), & xxvi. p. 253 (1888).

- a.* ♀. Baroma, Abyssinia, 10 January, 1899. (No. 142.)
- b.* ♂. Chercher, Abyssinia, 12 January, 1899. (No. 171.)
- c.* ♂. Kosso, Abyssinia, 8 February, 1899. (No. 303.)

Iris light hazel; bill dark; legs light.

a. ♀. Wing 2·15 inches, tail 0·89.

b. ♂. „ 2·5 „ „ 0·95.

c. ♂. „ 2·5 „ „ 0·9.

[One of the commonest species of *Cisticola* along our route, and always met with in high grass.—L.]

119. *CISTICOLA LOVATI*, sp. n.

Adult male. Most nearly allied to *C. hunteri* Shelley, from Kilimanjaro, having the same dark upper parts and the peculiar smoke-coloured underparts. It may, however, be at once distinguished by having a clear buff superciliary stripe, the thighs and under tail-coverts pale whitish buff, and the tips of the tail-feathers, especially the outer pairs, whitish buff. In the types of *C. hunteri* the thighs are rust-red, the under tail-coverts dark smoky grey, and the tips of the tail-feathers dark brownish grey, like the basal portion. Iris light hazel; bill dark; legs light brown. Total length 5·5 inches, culmen 0·6, wing 2·15, tail 2·25, tarsus 1·0.

- a.* ♂. Burka, Abyssinia, 6 January, 1899. (No. 119.)
- [*Type of the species.*]

120. *CISTICOLA CHINIANA*.

Cisticola chiniana (Smith); Sharpe, Cat. B. Brit. Mus. vii. p. 283 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 149 (1884), & xxvi. p. 253 (1888).

- a.* ♂? Burka, Abyssinia, 6 January, 1899. (No. 123.)
 - b.* ♂. Jawaha, Abyssinia, 21 February, 1899. (No. 357.)
- Iris light hazel; bill dark; legs light brown.

Specimen *a*, ♂? (no doubt a female), with the wing 2·25 inches, has the dark markings on the upper parts more washy and less distinct than in any of the large number of specimens examined; still I think there is little doubt that it belongs to this species. In specimen *b*, ♂, the wing measures 2·65 inches.

[The poverty of the collection in species of *Cisticola* must

be put down first to the similarity of the various forms, secondly to the dearth of cartridges, and thirdly to the collector being an amateur. I am quite convinced there are many new species of these little Warblers still to be got in Abyssinia, and that a large and carefully collected series of these birds will yield most interesting results.—L.]

121. *CISTICOLA SUBRUFICAPILLA*.

Cisticola subruficapilla (Smith); Sharpe, Cat. B. Brit. Mus. vii. p. 283 (1883).

a. ♀. Tra, Abyssinia, 7 January, 1899. (No. 131.)

b. ♂. Bilo, Abyssinia, 10 March, 1899. (No. 391.)

a. ♀. Wing 2·1 inches.

b. ♂. Wing 2·15 inches.

Iris light hazel; bill dark; legs light.

[Very common and widely distributed.—L.]

122. *GEOCICHLA SIMENSIS*.

Geocichla simensis (Rüpp.); Seebohm, Cat. B. Brit. Mus. v. p. 183 (1881); Sharpe, P. Z. S. 1895, p. 484.

a. ♂. Warabili, Abyssinia, 3 January, 1899. (No. 99.)

b. ♂. Hirna, Abyssinia, 9 January, 1899. (No. 140.)

c. Gedda, Abyssinia, 1 February, 1899. (No. 284.)

a. Iris brown; upper mandible dark, lower mandible yellow; legs light.

b. Iris brown; bill dark; legs dark.

c. Iris brown; bill dark; legs dusky.

[This Thrush is very common on the open plains of the high plateaux. It is also to be found in the valleys, where it perches in the morning on the high trees, but it is no great songster.—L.]

123. *TURDUS ABYSSINICUS*.

Turdus abyssinicus, Gmel.; Seebohm, Cat. B. Brit. Mus. v. p. 228 (1881); Sharpe, P. Z. S. 1895, p. 485.

a. ♂. Derru, Abyssinia, 5 January, 1899. (No. 116.)

Iris brown; eyelids orange; bill orange; legs deep yellow.

[Universally distributed.—L.]

124. *TURDUS PELIOS*.

Turdus pelios Bp.; Seebohm, Cat. B. Brit. Mus. v. p. 230 (1881).

a. ♀. Beni Schongul, Abyssinia, 2 May, 1899. (No. 489.)
Iris light brown; bill yellow; legs light.

[Met with only in the valley of the Blue Nile.—L.]

125. *MONTICOLA SAXATILIS*.

Monticola saxatilis (Linn.); Seebohm, Cat. B. Brit. Mus. v. p. 314 (1881); Sharpe, P. Z. S. 1895, p. 485; Lort Phillips, Ibis, 1898, p. 410 [N. Somaliland]; Hawker, Ibis, 1899, p. 72.

a. ♀ imm. Balti, Abyssinia, 23 January, 1899. (No. 265.)

b. ♂. Damai Damash, Abyssinia, 23 February, 1899.
(No. 367.)

c. ♀ ad. Mendi, Abyssinia, 3 April, 1899. (No. 472.)

Iris brown; bill and legs black.

[Common on the rocky slopes above 7000 feet.—L.]

126. *MONTICOLA RUFOCINEREUS*.

Monticola rufocinereus (Rüpp.); Seebohm, Cat. B. Brit. Mus. v. p. 327 (1881); Salvad. Ann. Mus. Civ. Gen. xxi, p. 160 (1884), & xxvi. p. 260 (1888); Lort Phillips, Ibis, 1898, p. 411 [N. Somaliland].

a. ♂. Philwaha, Abyssinia, 16 February, 1899.
(No. 318.)

Iris brown; bill and legs black.

[A very common bird in the Didesa valley, but of shy habits.—L.]

127. *CYANECULA SUECICA* (Linn.).

Erithacus cyaneculus (Wolf); Seebohm, Cat. B. Brit. Mus. v. p. 311 (1881).

a. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899.
(No. 95.)

Iris brown; bill and legs black.

[This bird was occasionally met with in the valleys, and apparently preferred the vicinity of reeds and marshy ground.—L.]

128. *RUTICILLA PHÆNICURA*.

Ruticilla phænicura (Linn.) ; Seebohm, Cat. B. Brit. Mus. v. p. 336 (1881).

a. ♀. Laga Hardim, Abyssinia, 15 January, 1899. (No. 199.)

b. ♂. Ganti, Abyssinia, 28 March, 1899. (No. 460.)

a. Iris, bill, and legs dark brown.

b. Iris brown ; bill and legs black.

[Widely distributed.—L.]

129. *MYRMECOCICHLA DUBIA*.

Myrmecocichla dubia Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xxii (1899).

a. Fontaly, Abyssinia, 17 January, 1899. (No. 213.)
[Type of the species.]

This Mountain-Chat, which at first sight closely resembles *M. melanura* (Temm.), proves to be really a very distinct form, the colour of the under tail-coverts, which are brownish black, edged with sandy buff, being unlike that of any other member of the genus. Iris brown ; bill and legs black. Total length about 6·5 inches, culmen (imperfect) about 0·7, wing 3·15, tail 2·5, tarsus 0·9.

[This bird was only once seen at nightfall at Fontaly, some ten miles from water. In a flock of perhaps from 12 to 15 individuals, it was making its way parallel to our line of march, perching, after short flights, alternately on rocks and bushes. The behaviour of the small flock was so curious, their progress so slow, and their line of march so apparently decided, that I felt convinced at the time the birds were migrating.—L.]

130. *SAXICOLA LUGUBRIS*.

Saxicola lugubris Rüpp. ; Seebohm, Cat. B. Brit. Mus. v. p. 365 (1881) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 161 (1884), & xxvi. p. 261 (1888).

a. ♂. Gerru, Abyssinia, 6 February, 1899. (No. 292.)

b. ♂. Kuntaba, Abyssinia, 7 February, 1899. (No. 299.)

c. ♂. Damai Damash, Abyssinia, 23 February, 1899. (No. 368.)

Iris brown ; bill and legs black.

[This Chat was met with only in the earlier part of our journey, in the rocky gorges of the high plateau. In the valley of the Didesa it was seen down to a level of 3000 feet.—L.]

131. *SAXICOLA LEUCOMELA*.

Saxicola leucomela (Pall.) ; Salvad. Ann. Mus. Civ. Gen. xxi. p. 162 (1884), & xxvi. p. 261 (1888).

Saxicola morio Hempr. & Ehr. ; Seebohm, Cat. B. Brit. Mus. v. p. 373 (1881) ; Lort Phillips, Ibis, 1898, p. 413 [N. Somaliland] ; Hawker, Ibis, 1899, p. 72.

a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 51.)

b. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 179.)

c. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 236.)

d. ♀. Jifadensa, Abyssinia, 22 January, 1899. (No. 259.)

e. ♀. Borumeda, Abyssinia, 9 February, 1899. (No. 306.)

Iris brown ; bill and legs black.

Specimen *a* (30th Dec.) has the top of the head earthy brown, the white nape-feathers tipped and the black feathers of the back widely edged with the same colour, and the chin, throat, and sides of the head fringed with buff.

Specimen *b* (14th Jan.) has the feathers of the crown and nape white, tipped with earthy brown, those of the back narrowly fringed with the same colour, and hardly a trace of buff margins to the feathers of the throat.

Specimen *c* (19th Jan.) has the top of the head pure white, and the back, chin, throat, and sides of the head uniform black ; the breast, too, shows but slight trace of fulvous, which is conspicuous in specimens *a* and *b*.

132. *SAXICOLA ŒNANTHE*.

Saxicola œnanthe (Linn.) ; Seebohm, Cat. B. Brit. Mus. v. p. 391 (1881) ; Sharpe, P. Z. S. 1895, p. 486.

a. ♂. Konduro, Abyssinia, 25 March, 1899. (No. 448.)

b. ♂. Mendi, Abyssinia, 1 April, 1899. (No. 468.)

Iris brown; bill and legs black.

[Seen at the village of Balti, at the Gibbeh (palace) at Addis Abbeba, and in the neighbourhood of one or two other villages, always in the part most inhabited. I did not get a chance of shooting one till we reached Konduro, where, on March 25th, they were collecting into parties of from four to eight preparatory to migration. Like the rest of the Chats, they were noticeably plumper and in better condition previous to migration.—L.]

133. *SAXICOLA ISABELLINA.*

Saxicola isabellina Cretzsch.; Seebohm, Cat. B. Brit. Mus. v. p. 399 (1881); Sharpe, P. Z. S. 1895, p. 485; Lort Phillips, Ibis, 1898, p. 412 [N. Somaliland]; Hawker, Ibis, 1899, p. 72.

a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 47.)

b. ♂. Ketchen Waha, Abyssinia, 16 January, 1899. (No. 201.)

Iris brown; bill and legs black.

[This Chat inhabits the high plateaux and is specially attracted by open sandy soil, where it is often of a very light colour, at times almost grey.—L.]

134. *SAXICOLA BOTTÆ.*

Saxicola bottæ Bonap.; Seebohm, Cat. B. Brit. Mus. v. p. 401 (1881).

Campicola bottæ Salvad. Ann. Mus. Civ. Gen. xxi. p. 164 (1884), & xxvi. p. 262 (1888).

♂. Balti, Abyssinia, 23 January, 1899. (No. 268.)

Iris brown; bill and legs black.

[This Chat soars and sings on the wing like a Sky-Lark. It has a curious habit, when danger approaches, of drawing itself up to its full height, its legs being unusually long for those of a *Saxicola*. It is a bird of the high plateaux, but was seen in March about the Didesa valley, possibly migrating north.—L.]

135. *PENTHOLÆA MELÆNA*.

Pentholæa melæna (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 19 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 154 (1884), & xxvi. p. 257 (1888).

a. ♂. Gerra, Abyssinia, 6 February, 1899. (No. 294.)

Iris brown; bill and legs black.

[This black Chat was seen only in the rocky gorges between the 4th and 6th of February, and never met with after.—L.]

136. *PINAROCHROA SORDIDA*.

Saxicola sordida Rüpp. Neue Wirbelth., Vög. p. 75, pl. 26. fig. 2 (1835).

Pinarochroa sordida (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 20 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 154 (1884), & xxvi. p. 257 (1888).

a. ♂. Balti, Abyssinia, 23 January, 1899. (No. 266.)

b. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 278.)

Iris brown; bill and legs black.

[This bird was confined to the high plateaux.—L.]

137. *PRATINCOLA RUBETRA*.

Pratincola rubetra (Linn.); Sharpe, Cat. B. Brit. Mus. iv. p. 179 (1879).

a. ♂. Guatti, Abyssinia, 27 March, 1899. (No. 455.)

Iris brown; bill and legs black.

[Seldom met with, and only seen towards the Abyssinian-Soudanese boundary.—L.]

138. *PRATINCOLA MAURA*.

Pratincola maura (Pall.); Sharpe, Cat. B. Brit. Mus. iv. p. 188 (1879).

Iris brown; bill and legs black.

a, b. ♂, ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898, 2 January, 1899. (Nos. 52, 94.)

c. ♂. Tra, Abyssinia, 7 January, 1899. (No. 136.)

d. ♂. Baroma, Abyssinia, 1 January, 1899. (No. 158.)

e. ♀. Laga Hardim, Abyssinia, 14 January, 1899. (No. 190.)

f, g. ♂, ♂. Philwaha, Abyssinia, 16 February, 1899. (Nos. 319, 320.)

h. ♀. Bilo, Abyssinia, 10 March, 1899. (No. 389.)

Iris brown; bill and legs black.

[A very common bird throughout our journey. Like the rest of its kind, this Chat was in much plumper condition as March approached and the migration-time drew near.—L.]

139. PRATINCOLA ALBOFASCIATA.

Pratincola albofasciata (Rüpp.); Sharpe, Cat. B. Brit. Mus. iv. p. 198 (1879); Sharpe, P. Z. S. 1895, p. 487.

a. ♂. Warabili, Abyssinia, 3 January, 1899. (No. 98.)

b. ♂. Tra, Abyssinia, 7 January, 1899. (No. 135.)

c. ♀. Akake, Abyssinia, 23 January, 1899. (No. 274.)

d. ♂ juv. Gimbi, Abyssinia, 23 March, 1899. (No. 444.)

Iris brown; bill and legs black.

Specimen *a*, a male, shot on the 3rd of January, has the feathers of the breast widely margined with rusty red, and the feathers of the crown and lower back indistinctly edged with the same colour.

Specimen *b*, a male shot on the 7th of January, has the rusty margins of the breast-feathers nearly obsolete, and the crown and lower back are black.

Specimen *c*, which is marked “♀ certain, 23rd January,” is in the plumage of a breeding male, the breast as well as the upper parts being uniform black, without a trace of the rust-coloured edgings to the feathers. Lord Lovat assures me that there can be no doubt that this bird was proved to be a female by dissection.

It may be worth remarking that an undoubted female of *Saxicola montana* shot by myself on Sokotra had the chin and throat black, narrowly fringed with isabelline, and was perfectly similar in plumage to numbers of males from the same locality. It would thus seem that among the Chats the female sometimes assumes the male plumage.

[Specimen *c* (No. 274) was certainly a female. I specially called Mr. Harwood's attention to the fact, and noted the sex in red ink in my notebook. There is, I believe, a

slight difference between the females of *P. albofasciata* in Southern and Northern Abyssinia, but lack of cartridges prevented my ascertaining this for certain.—L.]

140. *COSSYPHA SEMIRUFA*.

Cossypha semirufa (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 42 (1883).

Bessornis semirufa Salvad. Ann. Mus. Civ. Gen. xxi. p. 152 (1884), & xxvi. p. 256 (1888).

a. ♀. Chelunco, Abyssinia, 4 January, 1899. (No. 106.)

b. ♂. Gitemma, Abyssinia, 14 March, 1899. (No. 421.)

Iris brown; bill and legs black.

The female (*a*) has the nape and the upper part of the mantle strongly washed with rust-red. The male (*b*) has the nape and upper mantle uniform in colour with the back. In the latter specimen the tail is unusually short (2·7 inches), but the dark middle pair of tail-feathers are missing.

141. *THAMNOLÆA ALBOSCAPULATA*.

Thamnolæa alboscapulata (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 50 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 156 (1884).

a. ♀. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 48.)

b. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 416.)

Iris brown; bill and legs black.

The measurements of the male are unusually large—wing 4·75 inches, tail 3·7.

The female, a much smaller bird—wing 4·3 inches, tail 3·2—has the wing-coverts uniform black.

142. *THAMNOLÆA SEMIRUFA*.

Thamnolæa semirufa (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 51 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 155 (1884), & xxvi. p. 257 (1888).

a, b. ♀ ♀ imm. Akake, Abyssinia, 24 January, 1899. (Nos. 276, 277.)

c. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 281.)

d. ♀ imm. Wama, Abyssinia, 12 March, 1899. (No. 403.)

Iris brown; bill and legs black.

The females are all immature birds. Specimen *a* has on the left side of the breast a single chestnut feather among the darker banded plumage of the underparts, indicating, no doubt, the commencement of the perfectly adult plumage.

A young male from Abyssinia (*Verreaux*), in the British Museum Collection, with the upper parts and breast still partially in the spotted nestling-plumage, is moulting direct into the plumage of the adult male—the lower breast, belly, and under tail-coverts having already become nearly uniform rufous-chestnut, while many feathers of the upper parts, throat, and upper breast are deep black. This bird shows *no trace* of the rufous patch down the middle of the throat. It seems probable, therefore, that though the females ultimately become similar in plumage to the adult male, they do not attain the adult plumage at the first moult: an intermediate dress, in which the breast and belly are dusky rufous-buff indistinctly barred with black, being worn for at least a year.

[Never met with east of Addis Abbeba.—L.].

143. ERYTHROPYGIA LEUCOPTERA.

Erythropygia leucoptera (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 79 (1883); id. P. Z. S. 1895, p. 483; Hartert, Kat. Mus. Senckenb. p. 9 (1891); Lort Phillips, Ibis, 1898, p. 410 [N. Somaliland]; Hawker, Ibis, 1899, p. 70.

♂. Ketchen Waha, Abyssinia, 16 January, 1899. (No. 204.)

Iris hazel; bill and legs dark.

[This bird was seen only on the Hawash plain.—L.]

144. CRATEROPUS SMITHI.

Crateropus smithii Sharpe, Bull. B. O. C. iv. p. xli (1895); id. P. Z. S. 1895, p. 487 [Western Somaliland]; Hawker, Ibis, 1899, p. 73.

a. ♀. Warabili, Abyssinia, 4 January, 1899. (No. 103.)

Iris red; bill black; legs light slate-colour.

This is the fourth example of this species, which was recently described by Dr. Sharpe.

[A common species, and, like the rest of the genus, always conspicuous.—L.]

145. CRATEROPUS LEUCOPYGIUS.

Crateropus leucopygius (Rüpp.); Sharpe, Cat. B. Brit. Mus. vii. p. 476 (1883); Salvad. Ann. Mus. Civ. Gen. xxi. p. 143 (1884), & xxvi. p. 249 (1888).

a. ♂. Philwaha, Abyssinia, 16 February, 1899. (No. 323.)

Iris red; bill dark; legs light slate-colour.

[This species replaces *C. smithi* on the high plateaux of Central Abyssinia. It is wilder, but equally noisy.—L.]

146. CRATEROPUS LEUCOCEPHALUS.

Crateropus leucocephalus (Cretzsch.); Sharpe, Cat. B. Brit. Mus. vii. p. 474 (1883).

a. ♂. Beni Schongul, Abyssinia, 3 May, 1899. (No. 492)

Iris yellow; bill black; legs dark.

[This species of the "Seven Sisters" was met with only in the valley of the Blue Nile, where it was common locally.—L.]

147. PYCNONOTUS ARSINOE.

Pycnonotus arsinoe (Hempr. & Ehr.); Sharpe, Cat. B. Brit. Mus. vi. p. 148 (1881); Lort Phillips, Ibis, 1898, p. 413 [N. Somaliland]; Hawker, Ibis, 1899, p. 73.

a. ♂. Derru, Abyssinia, 5 January, 1899. (No. 118.)

Iris brown; bill and legs black.

148. GRAUCALUS CÆSIUS.

Graucalus cæsius Sharpe, Cat. B. Brit. Mus. iv. p. 26 (1879).

Ceblepyris cæsia Salvad. Ann. Mus. Civ. Genov. xxi. p. 128 (1884) [Shoa].

Graucalus purus Sharpe, Ibis, 1891, p. 121 [Mt. Elgon]; id. Ibis, 1892, p. 299.

a. ♂. Chelunco, Abyssinia, 4 January, 1899. (No. 112.)

Iris brown; bill and legs black.

The type of *Graucalus purus* was collected by Mr. F. J. Jackson on Mt. Elgon, and he subsequently obtained a series, including examples of both sexes, at Mau and Nandi. The same species was recently procured by Lord Delamere in Somaliland.

After careful comparison of these birds with South-African examples of *G. cæsius*, I can find no specific difference between the two, the latter being merely a slightly larger race.

[Of a shy, skulking habit, this bird might be easily passed over but for its magnificent note. Though plentiful locally in the Warabili and Kuni forests, I do not think that its range extends very far north or east. Near Addis Abbaba, in the thickets at Mangasia, a solitary specimen of the bird was observed.—L.]

149. *CAMPOPHAGA PHÆNICEA*.

Campophaga phænicea (Lath.); Sharpe, Cat. B. Brit. Mus. iv. p. 59 (1879).

a. ♂. Kombolsha, Abyssinia, 15 Februaay, 1899. (No. 313.)

b. ♂. Konduro, Abyssinia, 25 March, 1899. (No. 450.)
Iris brown; bill and legs black.

[This handsome bird was only twice met with. On each occasion a pair was seen in lightly-wooded country and in the immediate vicinity of a village. It is of tame habit and easily approached.—L.]

150. *BATIS ORIENTALIS*.

Batis orientalis (Heugl.); Sharpe, Cat. B. Brit. Mus. iv. p. 136 (1879).

a. ♀. Tra, Abyssinia, 7 January, 1899. (No. 133.)

b. [♂.] Hawash, Abyssinia, 17 January, 1899. (No. 215.)
Iris bright yellow; bill and legs black.

The white eyebrow-stripes bordering the crown are present in both sexes, but not very clearly defined; in the male they unite with one another on the occiput.

[This bright little bird, with its musical treble call, was to be seen throughout Abyssinia except on the sparsely-wooded high plateaux.—L.]

151. *ALESONAX MURINUS*.

Alseonax murinus Fischer & Reichen. J. f. O. 1884, p. 94.

a. ♂. Burka, Abyssinia, 6 January, 1899. (No. 121.)

One of the most remarkable features of this collection is the number of species from Eastern and Equatorial Africa which have now been discovered in Southern Abyssinia. The occurrence of this little Flycatcher, hitherto known only from the vicinity of Lake Victoria Nyanza, is a further instance of interesting and quite unexpected geographical distribution.

This species is new to the British Museum Collection.

152. *MUSCICAPA GRISOLA*.

Muscicapa grisola Linn.; Sharpe, Cat. B. Brit. Mus. iv. p. 151 (1879); id. P. Z. S. 1895, p. 490.

a. ♂. Mendi, Abyssinia, 25 April, 1899. (No. 487.)

Iris brown; bill and legs black.

153. *HYLIOTA FLAVIGASTRA*.

Hyliota flavigastra Swains.; Sharpe, Cat. B. Brit. Mus. iv. p. 248 (1879),

a. ♂. Mendi, Abyssinia, 8 April, 1899. (No. 478.)

Iris brown; bill black; legs dark slate-colour.

The occurrence of this bird at Mendi, in the valley of the Blue Nile, carries the range of the species much further north-east than was previously known.

154. *LIOPTILUS ABYSSINICUS*.

Drymophila abyssinica Rüpp. Neue Wirbelth., Vög. p. 108, pl. 40. fig. 2 (1835).

Lioptilus abyssinicus Salvad. Ann. Mus. Civ. Gen. xxi. p. 128 (1884), & xxvi. p. 238 (1888).

Bradyornis abyssinica Hartert, Kat. Mus. Senckenb. p. 97 (1891).

Alcippe kilimensis Shelley, P. Z. S. 1889, p. 364.

a. ♂ imm. Burka, Abyssinia, 6 January, 1899. (No. 122.)

Iris light brown; bill dark horn; legs grey.

An immature male in the present collection is obviously identical with *Alcippe kilimensis* Shelley, and there can be no doubt that the latter term is synonymous with *Drymophila*

abyssinica Rüpp. The Indian genus *Alcippe* is thus excluded from the African avifauna, the species in question being a true *Lioptilus*, as Salvadori has already shown.

The specimen before us has the grey crown of the head mixed with a few olive-brown feathers like those of the back, apparently a sign of immaturity.

Total length about 6·0 inches, culmen 0·62, wing 2·95, tail 2·6, tarsus 1·0.

[This bird is very common all through the wooded valleys of Southern Abyssinia.—L.]

155. CHLOROPETA MASSAICA.

Chloropeta massaica Fischer & Reichenow, J. f. O. 1884, p. 54 (base of Kilimanjaro).

a. ♂. Konduro, Abyssinia, 25 March, 1899. (No. 447.)

Iris brown; upper mandible black, lower light horn-colour; legs black.

The type of this species was obtained at the base of Kilimanjaro. We have compared the Abyssinian bird with a typical example of *C. massaica* in the Jackson Collection, and find that they agree perfectly. As the diagnosis of this very rare Flycatcher given by Fischer and Reichenow is extremely brief, we add the following description:—

Adult male. Very similar to *C. natalensis*, but at once distinguished by having the crown of the head uniform brownish black. The third quill in both wings is unfortunately imperfect, the extremity being shot off, but the fourth, fifth, and sixth quills are subequal and longest, while the seventh is very slightly shorter. Total length about 5·5 inches, culmen 0·6, wing 2·4, tail 2·3, tarsus 0·85.

This species is new to the British Museum Collection.

[Only once seen in thick bush.—L.]

156. TERPSIPHONE CRISTATA.

Terpsiphone cristata (Gm.); Sharpe, Cat. B. Brit. Mus. iv. p. 354 (1879); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 234 (1888); Sharpe, P. Z. S. 1895, p. 490; Lort Phillips, Ibis, 1898, p. 414 [N. Somaliland].

a. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 189.)

b. ♂. Telagubaie, Abyssinia, 17 February, 1899. (No. 328.)

c. ♂. Arriro, 18 February, 1899. (No. 341.)

Iris brown; eyelid blue; bill and legs slate.

a. A partially adult male in the brown plumage, with the wing-coverts and edges of the inner quills white.

b. A more advanced male, with the long middle pair of tail-feathers developed.

c. A young bird still in the brown plumage.

157. CHELIDON URBICA.

Chelidon urbica (Linn.); Sharpe, Cat. B. Brit. Mus. x. p. 87 (1885).

a. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 408.)

Iris brown; bill black.

[Common.—L.]

158. COTILE RUFIGULA.

Cotile rufigula Sharpe, Cat. B. Brit. Mus. x. p. 107 (1885); Salvad. Ann. Mus. Civ. Gen. xxi. p. 122 (1884), & xxvi. p. 233 (1888).

a. Waha Zinzero, Abyssinia, 5 February, 1899. (No. 291.)

Iris brown; bill and legs dark.

[Very common and widely distributed.—L.]

159. HIRUNDO RUSTICA.

Hirundo rustica Linn.; Sharpe, Cat. B. Brit. Mus. x. p. 128 (1885); Salvad. Ann. Mus. Civ. Gen. xxvi. p. 230 (1888).

a. ♀. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 49.)

b. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 69.)

c. ♂. Lekamte, Abyssinia, 16 March, 1899. (No. 433.)

Iris brown; bill and legs black.

[The effect of the bright sun no doubt makes these birds look darker in plumage than they appear in England. In December the young Swallows still carried the tail-feathers of the first plumage. The male bird shot at Lekamte, no

doubt just previous to migration, was noticeably plumper and in better condition than those killed previously.—L.]

160. *HIRUNDO ÆTHIOPICA*.

Hirundo æthiopica Blanf. ; Sharpe, Cat. B. Brit. Mus. x. p. 147 (1885) ; id. P. Z. S. 1895, p. 491 ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 230 (1888).

a. ♀. Gitemma, Abyssinia, 14 March, 1899. (No. 422.)
Iris brown ; bill and legs black.

[This bird was only observed in the Djimma valley and near Bilo, in the Lika province. Its flight is so marked that I think it could not have failed to attract our attention had it been encountered elsewhere.—L.]

161. *HIRUNDO SMITHI*.

Hirundo smithii Leach ; Sharpe, Cat. B. Brit. Mus. x. p. 150 (1885) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 231 (1888).

a. ♂. Bilo, Abyssinia, 11 March, 1899. (No. 399.)
Iris brown ; bill and legs black.

The male has the filamentous outer tail-feathers 4·0 inches long. As already remarked by Dr. Sharpe in the ‘*Mono-graph of the Hirundinidæ*,’ the typical examples of *H. smithi* have the filaments of the outer tail-feathers much shorter than in Indian examples, fine specimens of which measure about 7·0 inches in length.

[This Swallow might easily be passed over, but it was not observed by our party until reaching the tributaries of the Nile.—L.]

162. *HIRUNDO GRISEOPYGA*.

Hirundo griseopyga Sundev. ; Sharpe, Cat. B. Brit. Mus. x. p. 152 (1885).

a. ♂. Guatti, Abyssinia, 27 March, 1899. (No. 454.)
b. imm. Mendi, Abyssinia, 1 April, 1899. (No. 469.)
a. Iris brown ; bill black ; legs dark.
b. Iris brown ; bill dark ; legs light.

The young bird, with the flight-feathers partially developed, closely resembles the adult in plumage, but there is a slight rufous tinge on the sides of the chin and throat.

[This species was met with throughout Abyssinia as far west as the Dabous valley, where a great many young birds just fledged might be seen on the wing with their parents early in April.—L.]

163. *HIRUNDO PUELLA*.

Hirundo puella Temm. & Schl. ; Sharpe, Cat. B. Brit. Mus. x. p. 154 (1885) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 232 (1888).

a. ♂. Harrar, Abyssinia, 27 December, 1898. (No. 43.)

b. Gitemma, Abyssinia, 14 March, 1899. (No. 423.)

Iris brown ; bill and legs black.

[Not a common Swallow ; only met with near Harrar and on the Blue Nile.—L.]

164. *HIRUNDO MELANOCRISSA*.

Hirundo melanocrissa (Rüpp.) ; Sharpe, Cat. B. Brit. Mus. x. p. 165 (1885) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 231 (1888).

a. ♂. Harrar, Abyssinia, 29 December, 1898. (No. 45.)

b. ♂. Guatti, „ 27 March, 1899. (No. 453.)

c. ♂. Mendi, „ 11 April, 1899. (No. 480.)

a. Iris brown ; bill and legs black.

b, c. Iris brown ; bill black ; legs dark.

[A widely-distributed species.—L.]

165. *HIRUNDO SENEGALENSIS*.

Hirundo senegalensis Linn. ; Sharpe, Cat. B. Brit. Mus. x. p. 168 (1885) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 231 (1888).

a. ♂. Arriro, Abyssinia, 18 February, 1899. (No. 339.)

Iris brown ; bill and legs black.

[This Swallow was killed while perched on a tree ; it is a strong flier, and usually soars higher than any of its allies. It was seen at intervals in the valleys of both Eastern and Northern Abyssinia.—L.]

166. *PSALIDOPROCNE ANTINORII*.

Psalidoprocne antinorii Salvad. ; Sharpe, Cat. B. Brit. Mus. x. p. 205 (1885) ; Salvad. Ann. Mus. Civ. Gen. xxvi. p. 234 (1888).

There is a carbolized example of this species in the collection; the exact locality where it was obtained is not stated, but it was probably Shoa.

a. ? Shoa, Abyssinia.

167. *PSALIDOPROCNE BLANFORDI*.

Psalidoprocne blanfordi Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xx. (1899).

a. ♂. Bilo, Abyssinia, 11 March, 1899. (No. 400.)
[*Type of the species.*]

This species is most nearly allied to *P. pristoptera* (Rüpp.), but has the whole plumage of the upper parts black, glossed with *dark green*. The underparts are darker than the back, and have less green gloss. Iris brown; bill and legs black. Total length about 6 inches, exposed part of culmen 0·2, wing 4·3, tail 3·1, tarsus 0·45.

[This rough-winged Swallow is common from the valleys west of Addis Abbeba to the Blue Nile. It flies close to the bushes, and swerves at lightning speed through the narrow openings of the scrub.—L.]

[To be continued.]

X.—*Bulletin of the British Ornithologists' Club.*

Nos. LXV. & LXVI.

No. LXV. (October 31st, 1899).

THE sixty-fourth Meeting of the Club was held at the Restaurant Frascati, 32 Oxford Street, on Wednesday, the 18th of October, 1899. *Chairman*: P. CROWLEY. Thirty Members and one guest were present.

The Hon. WALTER ROTHSCHILD sent for exhibition a pair of *Eclectus westermanni* Bp., and made the following remarks:—

“ Dr. A. B. Meyer and Dr. Bowdler Sharpe have both expressed their opinion that *E. westermanni* is an aberration of *E. riedeli* Meyer, produced by being kept in captivity;



Ogilvie-Grant, W. R. and Lovat, Lord. 1900. "On the Birds collected during an Expedition through Somaliland and Southern Abyssinia to the Blue Nile." *Ibis* 6(1), 115–178. <https://doi.org/10.1111/j.1474-919x.1900.tb00731.x>.

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