

Birds of the North and North-West of Australia.

From Notes and Skins made by the late Capt. T. H.
Bowyer-Bower.

[BY GREGORY M. MATHEWS, F.R.S.E., F.L.S., M.B.O.U., ETC.,]

No. 10.

111. *FALCO LONGIPENNIS* APSLEYI.—

This is often seen long after sunset flying about hawking at a good safe height apparently catching insects with its feet, and eating them while on the wing, this operation continues till it is too dark to observe the bird. One bird on being opened also had the leg of a small parrot in its stomach.

112. *IRACIDEA BERIGORA MELVILLENSIS*. Northern Brown Hawk. *Iracidea berigora melvillensis*—Mathews, Austral. Av. Rec. Vol. 1, p. 34, 1912. Melville Island, Northern Territory.

35. ♀ Length 18 $\frac{3}{4}$ 21/5/86—Irides brown; bill bluish, tip black; legs dull greenish-white.

36. ♂ Length 16 $\frac{1}{2}$ 21/5/86.

70. ♀ Length 18.5 31/5/86—Irides light brown, gradually shaded off to white on the outer circle, orbits bluish white, tinged with yellow at the corner of the eyes; bill bluish, black at tips; cere yellowish white; feet greenish white.

92. ♀ Length 18.5 4/6/86—Irides dark brown, bill light blue black at the tips, cere bluish flesh colour; legs and feet greyish white.

175. ♂ Length 16.5 24/6/86—Irides dark brown, eyelash and orbital space bluish white, distinctly tinged with light yellow on the eyelash, and at the corners of the eyes; feet bluish white.

176. ♂ Length 16.3 24/6/86—Irides brown, eyelash and orbital space bluish-white, very slightly washed with yellow on the eyelash and at the interior corner; bill bluish horn shading into dark brown at the tip, cere bluish white; legs and feet bluish white.

222. Length 17.3 3/7/86.

240. ♀ Length 18.9 13/7/86.

240A. ♂ Length 17.1 30/8/86—Shot from a nest which contained two eggs and a young in down.

315. ♂ Length 16.7.

113. *CERCHNEIS CENCHROIDES MILLIGANI*. Dusky Nankeen Kestrel. *Cerchneis cenchroides milligani*—Mathews, Nov. Zool. Vol. XVIII., p. 253, 1912, Parry's Creek, North-west Australia.

158. ♂ Length 12.5 20/6/86—Irides dark brown; orbital space yellow; bill bluish, base and cere yellow; legs deep yellow.

305. ♂ Length 12.5 22/7/86—Irides brown, orbital space yellowish white, brightest in front of the eye; bill bluish black at the tip, becoming bluish horn on the culmen and edge of the upper mandible, in front of the nostril yellowish; lower mandible bluish horn at the tip, becoming yellow at the base; legs and feet ochre.

113. *PANDION HALIAETUS CRISTATUS*. White headed Orprey.

Buteo cristatus Viillot Nouv. Diet. d'Hist, Nat. Vol. IV., p. 481, 1816, Tasmania.

427. ♀ 23/10/86—Irides yellow, eyelid dark brown, orbital space with the skin of a leaden hue, bill black, cere, gape, and basal portions of the lower mandible lead colour; feet and legs white, terminal scales of toes with a brown mark, claws black.

When shot this bird had a garfish in the claws which was still in position when brought in, the reverse of the outer toe being well shown, the fish being held from four nearly opposite points.

114. *SPILOGLAUX BOOBOOK MIXTA*. Pallid Boobook Owl.

Ninox boobook mixta.—Mathews, Nov. Zool. Vol. XVIII., p. 255, 1912, Parry's Creek North-west Australia.

324. ♂ Length 11.5 28/7/86—Bill, upper mandible dark brownish horn passing into bluish horn on the basal half of the culmen, lower mandible bluish brown at the tip, becoming bluish horn at the base, cere bluish slate.

115. *HIERACOGLAUX CONNIVENS OCCIDENTALIS*. Western Winking Owl. *Ninox connivens occidentalis* Ramsay, Proc. Linn. Soc. N.S.W. Ser. II. Vol. 1., 1886, 1887, Derby, North-west Australia.

409. ♂ Length 15.7 17/10/86—Irides orange yellow, eyelid olive yellow; bill dull yellow, bluish lead at the tip, feet dull yellow, soles orange, claws black, base bluish.

437. ♀ Length 15.2, 25/10/86.

116. *TYTO ALBA DELICATULA*. Masked Owl. *Strix delicatula* Gould, Proc. Zool. Soc. (Lond.) 1836, p. 140, 1837, New South Wales.

252. ♀ Length 13.5, 15/7/86.

253. ♂ Length —, 15/7/86.

254. ♂ Length 12, 16/7/86—Irides black, eyelash purple-brown, bill, upper mandible white at the tip, shaded with brown on the culmen and sides, darker on the latter, lower mandible fleshy white, skin at the base of the bill flesh-colour; legs and feet brownish-white, claws brown.

255. ♀ Length 12.3, 16/7/86.

256. ♂ Length 12.3, 16/7/86.

257. ♂ Length 12, 16/7/86.

258. ♀ Length 11.4, 16/7/86.

357. ♀ Length 13.3, 2/8/86.

393. ♀ Length 13.2, 2/8/86.

119. *TRICHOGLOSSUS RUBRITORQUIS*. Red-collared Lorikeet. *Trichoglossus rubritorquis* Vigours and Horsfield, Trans. Linn. Soc. (Lond.), Vol. XV., p. 291, 1827, North-West Australia.

Palmerston, 8/5/86.

3. ♀ Bill orange yellow; feet slaty-grey.

5. ♂ Length 12 $\frac{1}{4}$ —Bill orange-yellow; feet slaty-grey.

9. ♂ Length 12 $\frac{3}{4}$ —Bill orange-yellow; feet slaty-grey.

11. ♀ Length ——Bill orange-yellow; feet slaty-grey.

12. ♂ Length 12—Bill orange-yellow; feet slaty-grey.

13. ♀ Length 12 $\frac{1}{2}$ —Bill orange-yellow; feet slaty-grey.

45. ♂ Length 13 $\frac{1}{2}$ —Derby 26/5/06. Bill scarlet, with yellow tips; legs olive.

46. ♀ Length 13 $\frac{1}{4}$ —Derby 26/5/06. Bill scarlet, with yellow tips; legs olive.

53. ♂ Length 12 $\frac{1}{2}$, 27/5/86.

59. ♂ Length 11, 29/5/86.

71. ♂ Length 12.9, 31/5/86.
 72. ♂ Length 12.5, 31/5/86.
 73. ♂ Length 12.5, 31/5/86.
 241. ♂ Length 12.5, 30/8/86.
 325. ♂ Length 13.6, 28/7/86.
 328. ♂ Length 13.6, 29/7/86.
 384. Length 12, 7/8/86.
 528. ♀ Length 12.6, 8/11/86.

120. *PSITTEUBLES VERSICOLOR MELLORI*. Northern Varied Lorikeet. *Trichoglossus versicolor mellori* Mathews, Nov. Zool. Vol. XVIII., p. 259, 1912, South Alligator River, Northern Territory.

7. ♂ Length 8. 8. ♀ Palmerston, 8/5/86—Irides white, bill orange-yellow, with black tips, cere white; feet lavender.

These birds were shot together, while feeding on the flowers of a gum tree, and were the only ones seen.

69. ♂ Length 7.9. Derby 31/5/06—Irides white; bill orange red, cere and space round the eye, white; feet grey.

140. ♂ Length 8, 16/6/86.

304. ♂ Length 8, 22/7/86—Irides hazel of three shades; round the pupil a thin but bright and light ring, next a hazel ring surrounded by one of a lighter shade, eyelid light-brown; bill red, with an orange shade, tip of upper mandible brown, cere and orbital space white; legs and feet bluish slate colour.

329. ♀ Length 7.4, 29/7/86.

374. ♀ Length 7.5, 6/8/86.

375. ♀ Length 7.5, 6/8/86.

378. ♂ Length 8.1, 6/8/86.

524. ♂ 7/11/86.

458. ♀ Length 7.3, 27/10/86—Irides brown, of three rings, the inner lightest and very sparkling and the middle, which is widest and darkest; eyelid with minute dots of brown; bill brownish yellow, with the cutting edges and tip transparent horn colour, cere and orbital space white; feet slate colour.

459. ♂ Length 7.45, 27/10/86—Similar to the above.

122. *CALYPTORHYNCHUS BANKSI MACRORHYNCHUS*. Great-billed Black Cockatoo. *Calyptorhynchus macrorhynchus* Gould, Proc. Zool. Soc. (Lond.) 1842, p. 138, 1843, Port Essington, Northern Territory.

141. ♀ 16/6/86.

200. ♂ Length 24.2, 27/6/86.

212. ♀ Length 23, 30/6/86—Irides dark brown, eyelash and naked space about the face, black; feet nearly black.

247. ♀ Length 23, 14/7/86.

265. ♂ Length 23.3, 3/9/86.
