

## On the Birds of North-West Australia.

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With Field Notes by the Collector, J. P. ROGERS.

### PART III.

#### SYNÆCUS SORDIDUS (Sombre Brown Quail).

Math., Handl., No. 12.

♂. 24/2/09.

Eyes red; feet and tarsi yellow; culmen and genys black, balance of bill leaden-blue.

The stomach contained grass seeds.

#### TURNIX VELOX (Little Quail).

Math., Handl., No. 21.

♂. 30/3/09.

Eyes yellowish-white; feet and tarsi fleshy-white; culmen and tip leaden-brown, balance of bill leaden-blue.

The stomach contained grass seed.

#### PETROPHASSA ALBIPENNIS (Rock-Pigeon).

Math., Handl., No. 40.

♀. 2/4/09.

Iris dark brown; feet and tarsi blackish-brown; bill black.

Stomach contained fine grit and some seeds.

#### LOBIVANELLUS MILES (Masked Plover).

Math., Handl., No. 148.

♀ ♀. 16/2/09.

Eyes yellow; feet and tarsi purple, lower end of tibia pink-red; bill yellow, lip of culmen brown.

The stomachs contained fragments of beetles.

#### GLOTTIS NEBULARIUS (Greenshank).

Math., Handl., No. 175.

♀. 27/1/09.

Eyes blackish-brown; feet and legs olive-grey; bill brown, basal third leaden-grey.

The stomach contained a few small shell-fish.

#### HETEROPYGIA AURITA (Sharp-tailed Stint).

Math., Handl., No. 181.

♂ ♀. 19/3/09.

Eyes brown; feet and legs olive; bill brown, base of mandible olive-yellow.

The stomachs contained fragments of shell-fish.

#### ROSTRATULA AUSTRALIS (Painted Snipe).

Math., Handl., No. 186.

♂. 19/3/09.

Eyes brown; feet and legs brown; bill brown.

Stomach contained fragments of beetles and other insects.



## GLAREOLA ORIENTALIS (Oriental Pratincole).

Math., Handl., No. 189.

♂. 20/3/09.

Eyes brown; feet and tarsi blackish-brown; bill black, tomium red.

The stomach contained a quantity of grasshoppers.

## BURHINUS GRALLARIUS (Stone-Plover).

Math., Handl., No. 190.

♂ ♀. 19/10/08.

Eyes yellow, with network of brown lines on outer edge; feet brown; legs olive-grey; bill blackish-brown.

The stomachs contained a quantity of cockchafer beetles.

## ANTIGONE AUSTRALASIANA (Crane).

Math., Handl., No. 193.

♂. 27/1/09.

Eyes yellow; papillæ on back of neck and sides of face red; feet and legs brown; bill and crown of head olive-green.

Stomach contained a quantity of small stones and a little vegetable matter.

## IBIS MOLUCCA (White Ibis).

Math., Handl., No. 194.

Sex ? 10/2/09.

Eyes brown; feet and legs leaden-black; bill black.

Stomach contained shell-fish.

## PLEGADIS FALCINELLUS (Glossy Ibis).

Math., Handl., No. 196.

♀ ♀ ♀. 16/2/09.

♀. 9/2/09.

♂. 4/4/09.

Eyes brown. Feet, ♀ ♀ ♀, leaden-grey, also legs; ♀, leaden-brown, also legs, plates of tarsi olive-brown; ♂, olive-brown, also legs. Bill—♀ ♀ ♀ ♀, olive-brown, with line across forehead and from eye to base of lower mandible blue-grey; ♂, distal  $\frac{1}{3}$  of culmen brown, balance of bill olive-brown.

Stomachs contained shell-fish, beetles, fish, grit, and insects.

## PLATALEA REGIA (Royal Spoonbill).

Math., Handl., No. 197.

Sex ? ♂.

? 12/2/09.

♂. 15/2/09.

Eyes brown; feet and legs black. Bill—♂, distal  $\frac{1}{2}$  brown, balance of bill, lores, orbits, and forehead black, gular pouch leaden-brown; ? spoon leaden-blue, balance of bill and forehead leaden-brown, orbits and gular pouch dark leaden-blue.



Stomachs contained mud, fibrous matter, beetles, shell-fish, tadpoles, and water insects.

*XENORHYNCHUS ASIATICUS* (Jabiru).

Math., Handl., No. 199.

Sex ? Immature. 26/10/08.

Eyes brown ; feet and legs olive-brown ; bill black.

Stomach contained fish-bones, prawns, beetles, and part of the intestines of a kangaroo, on which the bird was feeding when shot.

*MESOPHOYX PLUMIFERA* (Plumed Egret).

Math., Handl., No. 202.

♂. 4/2/09.

Eyes and eyelash yellow ; feet and legs olive-brown. Bill, upper mandible and distal  $\frac{1}{2}$  of lower brown ; lores, base of upper and balance of lower mandible yellow.

Stomach contained fragments of insects.

*HERODIAS TIMORIENSIS* (White Egret).

Math., Handl., No. 203.

♂. 4/2/09.

♀. 7/11/08.

Eyes and eyelash yellow ; lores and bare skin round eye yellowish-green ; feet and legs black ; bill yellow.

The stomachs contained one small fish, some tadpoles and water insects.

*NOTOPHOYX NOVÆ-HOLLANDIÆ* (White-fronted Heron).

Math., Handl., No. 204.

♂. 1/2/09.

Eyes yellowish-grey ; feet and tarsi olive-yellow ; bill black, lores and base of upper mandible slate colour, base of lower grey.

Stomach contained fragments of insects, one lizard, and a large quantity of grasshoppers and crickets, which were swallowed whole.

*NOTOPHOYX FLAVIROSTRIS* (Pied Egret or Heron).

Math., Handl., No. 206.

♂ ♂ ♂ ♀. 28/3/09.

Eyes yellow ; feet and legs olive-yellow ; bill yellow, lores and base of lower mandible slaty-brown.

Stomachs contained grasshoppers.

*NYCTICORAX CALEDONICUS* (Night-Heron).

Math., Handl., No. 210.

♂. 5/12/08.

♂. 7/11/08.

♀. 20/1/09.

Eyes yellow, lores and naked skin round eye yellowish-green ; feet and tarsi olive-yellow. Bill—♂, upper and tip of lower mandible brown, basal  $\frac{3}{4}$  of lower mandible greenish-yellow ;



♂, upper and tip and cutting edge of lower mandible black, lower pale olive-green; ♀, tomium and culmen black, streak on side of upper and basal  $\frac{3}{4}$  lower mandible greenish-grey.

Stomachs contained small fish and beetles.

DUPETOR GOULDI (Yellow-necked Mangrove-Bittern).

Math., Handl., No. 214.

♀. 20/1/09.

Eyes brown; feet and legs olive-brown; bill, culmen black, balance upper and tomium of lower mandible brown, balance of lower pale brown.

Stomach contained fragments of insects and one dragon-fly.

ANSERANAS SEMIPALMATA (Pied Goose).

Math., Handl., No. 217.

♂. 1/2/09. Parry's Creek, N.W.A.

Eyes brown; feet and legs yellow; bill, distal  $\frac{1}{4}$  and distal  $\frac{1}{2}$  of cutting edge leaden-grey, balance reddish-brown, which turns to dull purple near the eye.

Stomach contained a large quantity of grass seed; gullet was also packed full.

NETTOPUS PULCHELLUS (Green Goose-Teal).

Math., Handl., No. 218.

♂. 14/3/09. Parry's Creek, N.W.A.

♀. 4/2/09.

♂. 4/2/09.

Eyes brown. Feet—♂ ♂, black, and tarsi black; ♀, leaden-brown, also tarsi. Bill—♂ ♂, black, with nail of upper mandible and band across lower mandible fleshy-white; ♀, nail leaden-grey, upper mandible brown, lower pale brown.

Stomachs contained seed and grit.

DENDROCYGNA ARCUATA (Whistling-Duck).

Math., Handl., No. 222.

♂ ♂ ♂. One on 3rd February, 1909; two on 18th February, 1909.

Eyes dark brown, eyelash blackish-brown; feet and tarsi leaden-brown; bill black.

Stomachs contained native millet seed, grass seed, and grit.

DENDROCYGNA EYTONI (Plumed Whistling-Duck).

Math., Handl., No. 223.

♂ ♂ ♀ ♀. 3/2/09. Parry's Creek, N.W.A.

Eyes yellow, eyelash yellow; feet and legs flesh-colour. Bill—upper mandible black, with flesh-coloured bar near tip, and mottled same colour; lower mandible flesh colour, spotted with black, tip brown.

Stomachs contained seeds and grit.



TADORNA RUFITERGUM (White-headed Shieldrake).

Math., Handl., No. 224.

♂. 12/2/09. Parry's Creek, N.W.A.

Eyes white, eyelash yellow; feet and tarsi white, tinged with flesh-colour; bill white, with tinge of flesh-colour.

Stomach contained grass seed, shell-fish, and grit.

NETTION GIBBERIFRONS (Grey Teal).

Math., Handl., No. 228.

♂. 13/2/09. Parry's Creek, N.W.A.

Eyes reddish-brown; feet and tarsi leaden-brown; bill, nail black, upper mandible leaden-blue, lower mandible leaden-brown, with yellowish-white bar near tip.

Stomach contained a little animal matter and some grit.

AYTHYA AUSTRALIS (White-eyed Duck).

Math., Handl., No. 234.

♂. 16/1/09. Parry's Creek, N.W.A.

Eyes white; feet and tarsi grey, all joints being blackish-brown; bill, upper mandible black, with broad blue-grey band near tip, lower mandible brown.

Stomach contained fragments of shell-fish, a few seeds, and a little grit.

PHALACROCORAX SULCIROSTRIS (Little Black Cormorant).

Math., Handl., No. 235.

♂ ♀ ♀. 29/1/09.

Eyes green; feet and tarsi black; culmen black; tomium, all lower mandible, and gular pouch leaden-grey.

The stomachs contained small catfish.

PHALACROCORAX MELANOLEUCUS (Little Cormorant).

Math., Handl., No. 241.

♂ ♀. 3/2/09.

Eyes greyish-white, eyelash white; feet and tarsi black; culmen brown, balance of bill and gular pouch and lores yellow.

The stomachs of both the above were empty.

CIRCUS GOULDI (Harrier).

Math., Handl., No. 254.

♂. 22/1/09.

Eyes pale brown; feet and tarsi greyish-white; bill, distal  $\frac{1}{2}$  black, balance blue-grey; cere olive-grey.

The stomach contained two young *Mirafra*.

ASTUR FASCIATUS (Goshawk).

Math., Handl., No. 258.

♂ ♂. Adult and immature. 23/1/09.

Eyes yellow; feet and tarsi yellow; bill black and blue-grey, cere dark olive-brown.

The stomachs contained several small lizards.



*HALIAEËTUS LEUCOGASTER* (White-bellied Sea-Eagle).

Math., Handl., No. 265.

♂ ♂, adult. ♂ ♀, immature. October, 1908.

Eyes brown; feet and tarsi dirty-white; tip of lower and all upper mandible brown, cere leaden-brown, rest leaden-blue.

The stomachs contained the remains of fish.

*HALIASTUR SPHENURUS* (Whistling Eagle).

Math., Handl., No. 267.

♂. 29/1/09.

Eyes brown; feet and tarsi white, tinged with blue; bill brown.

*GYPOICTINIA MELANOSTERNUM* (Black-breasted Buzzard).

Math., Handl., No. 270.

♀. 4/2/09.

Eyes light greyish-brown; feet and tarsi greyish-white. Bill—upper and tip of lower mandible brown; cere, lores, and balance of bill leaden-grey.

The stomach contained grasshoppers.

*ELANUS AXILLARIS* (Black-shouldered Kite).

Math., Handl., No. 271.

♂. 27/1/09.

Eyes red; feet and tarsi yellow; bill black.

The stomach contained the fragments of a lizard.

*FALCO LUNULATUS* (Little Falcon).

Math., Handl., No. 277.

♀. 30/3/09.

Eyes dark-brown; feet and legs yellowish-green; bill, tip black, base blue-grey.

The stomach contained grasshoppers.

*HIERACIDEA BERIGORA* (Striped Brown Hawk).

Math., Handl., No. 278.

♂. 18/3/09.

Eyes brown; feet and tarsi leaden-grey; bill, tip blackish, balance blue-grey.

*NINOX OCCIDENTALIS* (Western Winking-Owl).

Math., Handl., No. 289.

♂ ♂ ♀. 27/10/08.

Eyes and feet yellow; bill, tip and distal  $\frac{1}{2}$  of cutting edge black, balance and cere pale olive-yellow.

The stomachs contained a quantity of cockchafer and other beetles.

*TRICHOGLOSSUS RUBRITORQUES* (Red-collared Lorikeet).

Math., Handl., No. 303.

♀. 30/1/09.

Eyes red; feet and tarsi olive-brown; bill red.

The stomach contained fragments of flowers.



CALYPTORHYNCHUS MACRORHYNCHUS (Great-billed Cockatoo).

Math., Handl., No. 316.

♂. 15/1/09.

Eyes dark brown, eyelash black; feet and tarsi brown; bill slaty-brown.

The stomach contained kernels of fruit-stones.

CACATUA GYMNOPIS (Bare-eyed Cockatoo).

Math., Handl., No. 322.

♂ ♀. 23/11/08.

Iris brown; bare skin round eye leaden-blue; feet and tarsi brown; bill greyish-white.

The stomachs contained seeds and grit.

PTISTES ERYTHROPTERUS (Red-winged Lory).

Math., Handl., No. 331.

♂ ♂ ♀ ♀. Immature. January, 1909.

Eyes yellow-brown; feet and tarsi olive-brown; bill red.

The stomachs contained seeds of berries.

MELOPSITTACUS UNDULATUS (Warbling Grass-Parrakeet).

Math., Handl., No. 372.

♂. 6/4/09.

Iris white; feet and tarsi leaden-blue; bill olive-grey; cere blue.

The stomach and crop contained fine grass seed.

PODARGUS PHALÆNOIDES (Freckled Frogmouth).

Math., Handl., No. 377.

♀. 2/4/09.

Eyes yellow; feet and tarsi pale olive-brown; bill pale brown.

The stomach contained fragments of grasshoppers and beetles.

EURYSTOMUS PACIFICUS (Dollar-Bird).

Math., Handl., No. 381.

♀. 25/1/09.

Eyes brown; feet and front of tarsi flesh-brown, back of tarsi red; genys and tomium red, balance of bill brown.

The stomach contained fragments of insects.

DACELO CERVINA (Fawn-breasted Kingfisher).

Math., Handl., No. 388.

♂ ♂ ♂ ♂. Immature. 23/1/09.

Eyes grey; feet and tarsi olive-grey; bill, tomium and lower mandible white, upper mandible and base of lower blackish-brown.

The stomachs contained a quantity of grasshoppers.

CUCULUS SATURATUS (Oriental Cuckoo).

Math., Handl., No. 404.

♂. 26/1/09.



Eyes dark yellow, eyelash yellow; feet and tarsi yellow; bill. upper mandible and distal  $\frac{1}{2}$  of tomium of lower black, balance of lower and base of upper olive-grey.

The stomach contained some hairy caterpillars.

CUCULUS INORNATUS (Pallid Cuckoo).

Math., Handl., No. 405.

♀. Immature. 23/1/09.

Eyes brown; feet and tarsi olive-brown; upper mandible brown, lower olive-yellow.

The stomach contained some hairy caterpillars.

SCYTHROPS NOVÆ-HOLLANDIÆ (Channelbill).

Math., Handl., No. 416.

♂. 18/12/08.

Eyes red; skin round eye, lores, ring round nostril, and line from nostril round lower mandible red; feet and tarsi leaden-grey; culmen and sides of upper mandible pale brown, balance of bill mixture of grey and brown.

The stomach contained several large grasshoppers.

CENTROPUS PHASIANUS (Coucal).

Math., Handl., No. 417.

♀ ♀ ♀. Adult. 7/11/08.

One immature. 3/3/09.

Eyes light red; feet and tarsi leaden-blue; bill black.

The stomachs contained caterpillars, grasshoppers, and cockchafer beetles.

CINCLORHAMPHUS RUFESCENS (Rufous Song-Lark).

Math., Handl., No. 539.

♂. 14/3/09.

Eyes brown; feet and tarsi very pale brown; bill, upper mandible brown, lower greyish-white.

The stomach contained fragments of grasshoppers.

ENTOMYZA ALBIPENNIS (White-quilled Honey-eater).

Math., Handl., No. 815.

♂ ♂. 23/1/09.

Eyes yellow; bare skin olive-yellow; feet and tarsi leaden-brown, tinged with olive; bill, basal  $\frac{1}{2}$  olive-yellow, rest black.

The stomachs contained a quantity of fig seeds.

CHLAMYDODERA NUCHALIS (Great Bower-Bird).

Math., Handl., No. 863.

♂. 4/4/09.

Eyes brown; feet and tarsi olive-grey; bill brownish-black, tip brown.

The stomach contained some cocoons, which were very tough and leathery, and which contained one grub each.





Mathews, Gregory Macalister. 1910. "On the birds of north-west Australia. Part III." *The Emu : official organ of the Australasian Ornithologists' Union* 10(2), 103–110. <https://doi.org/10.1071/mu910103>.

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