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78. THE PHTHIRAPTERA OF BIRDS FROM RENNELL ISLAND

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Since the first reports on the Phthiraptera of the Rennell Island avifauna (CLAY, 1958; TANDAN, 1958), more material has been received and revisions have been published making a more accurate list possible. However, despite great advances in Phthirapteran taxonomy in the intervening years a complete identification list cannot yet be given, more information being needed for some of the species concerned, notably *Anaticola* and those from the Passeres.

The host-parasite list below adopts the convention of including species of Phthiraptera occurring on Rennell Island host subspecies but which have not yet been collected from these hosts on Rennell Island itself. Those species recorded from Rennell Island have the prefix (R). An asterisk in front of the species name indicates the type host of the species concerned. An asterisk behind the name indicates additional material collected by the Noona Dan Expedition, 1962, or the Danish Rennell Expedition, 1965; this material is kept in the Zoological Museum, Copenhagen. The host order follows WOLFF, 1973.

HOST-PARASITE LIST

Podiceps novaehollandiae rennellianus Mayr

No records.

Pelecanus conspicillatus Temminck

MENOPONIDAE: *Colpocephalum eucarenum* Burmeister, 1838
Piagetiella africana (Bedford, 1931)

PHILOPTERIDAE: **Pectinopygus australis* Thompson, 1948

Sula sula rubripes Gould

MENOPONIDAE: *Eidmanniella albescens* (Piaget, 1880)

PHILOPTERIDAE: (R) *Pectinopygus sulae* (Rudow, 1869)

EICHLER (1954) considered *Pectinopygus potens* sensu Uchida, 1918, from *Sula sula* (= *S.s. rubripes*) in the Marianas to be a distinct species and named it *Pectinopygus marianarum*.

Sula leucogaster plotus (Forster)

MENOPONIDAE: *Eidmanniella albescens* (Piaget, 1880)

PHILOPTERIDAE: *Pectinopygus annulatus* (Piaget, 1880)
**Pectinopygus sulae* (Rudow, 1869)

Phalacrocorax melanoleucus brevicauda Mayr

PHILOPTERIDAE: (R) *Pectinopygus subsetosus* (Piaget, 1880)

Fregata ariel ariel (Gray)

MENOPONIDAE: (R) *Colpocephalum angulaticeps* Piaget, 1880

PHILOPTERIDAE: (R) *Pectinopygus gracilicornis* (Piaget, 1880)

Casmerodius albus modestus (Gray)

MENOPONIDAE: *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835)

Egretta sacra sacra (Gmelin)

MENOPONIDAE: *Ciconiphilus decimfasciatus* (Boisduval & Lacordaire, 1835)

Dupetor flavicollis woodfordi (Ogilvie-Grant)

No records.

Threskiornis molucca pygmaeus Mayr

MENOPONIDAE: *(R) *Colpocephalum aethiopicae* Price & Beer, 1965

(R) *Plegadiphilus threskiornis* Bedford, 1939

PHILOPTERIDAE: (R) *Ardeicola ibis* (Le Souef & Bullen, 1902)

*(R) *Ibidoecus diana* Tandan, 1958

Platalea regia Gould

PHILOPTERIDAE: *Ardeicola plataleae* (Linn., 1758)

Ibidoecus plataleae (Denny, 1842)

Anas poecilorhyncha pelewensis Hartlaub & Finsch

MENOPONIDAE: (R) *Holomenopon leucoxanthum* (Burmeister, 1838)

PHILOPTERIDAE: (R) *Anaticola* sp.

(R) *Anatoecus dentatus* (Scopoli, 1763)

(R) *Anatoecus icterodes* (Nitzsch, 1818)

Several subspecies of the two *Anatoecus* species have been described. The only study, by KELER 1960, did not include specimens from this host.

Anas gibberifrons remissa Ripley

No records.

Accipiter fasciatus ?fasciatus Vigors & Horsfield

MENOPONIDAE: (R) *Colpocephalum turbinatum* Denny, 1842*

Haliaetus sanfordi Mayr

No records.

Pandion haliaetus melvillensis Mathews

No records.

Porzana tabuensis (Gmelin)

PHILOPTERIDAE: *Rallicola tabuensis* Emerson, 1966

The type host of *R. tabuensis* is *P. tabuensis immaculata* (Swainson), but the type series included specimens from New Guinea *P. tabuensis tabuensis* (Gmelin), the subspecies probably occurring on Rennell Island. However, this host species is in need of revision (see WOLFF, 1973:12).

Porphyrio porphyrio samoensis Peale

No records.

Pluvialis dominica fulva (Gmelin)

MENOPONIDAE: (R) *Actornithophilus ochraceus* (Nitzsch, 1818)

PHILOPTERIDAE: (R) *Quadriceps charadrii* (Linn., 1758)

Saemundssonina conica (Denny, 1842)

Charadrius leschenaultii leschenaultii Lesson

MENOPONIDAE: *Actornithophilus ochraceus* (Nitzsch, 1818)

PHILOPTERIDAE: *(R) *Quadriceps ptyadis* (Séguy, 1949)

Saemundssonina ?chenamycha Séguy, 1949

Numenius phaeopus variegatus (Scopoli)

MENOPONIDAE: *Actornithophilus ocellatus* (Rudow, 1869)

Austromenopon phaeopodis (Schrank, 1802)

PHILOPTERIDAE: *Luniceps phaeopi* (Denny, 1842)

Saemundssonina scolopacis phaeopodis (Schrank, 1803)

Tringa hypoleucos Linnaeus

MENOPONIDAE: *Actornithophilus flumineus* Clay, 1962

Austromenopon sp.

PHILOPTERIDAE: *Quadriceps ravus* (Kellogg, 1899)

Saemundssonina frater (Giebel, 1874)

Heteroscelus incanus incanus (Gmelin)

MENOPONIDAE: **Actornithophilus kilauensis* (Kellogg & Chapman, 1902)

PHILOPTERIDAE: **Quadriceps impar* Hopkins & Timmermann, 1954

Sterna sumatrana sumatrana Raffles

MENOPONIDAE: *Austromenopon atrofulvum* (Piaget, 1880)

Sterna anaethetus novaehollandiae Stephens

MENOPONIDAE: (R) *Actornithophilus piceus* (Denny, 1842)

Austromenopon transversum (Denny, 1842)

PHILOPTERIDAE: (R) *Quadriceps legatus* Timmermann, 1952

(R) *Saemundssonina meridiana* Timmermann, 1950

Saemundssonina lockleyi Clay, 1949

- Thalasseus bergii cristata* (Stephens)
 MENOPONIDAE: *Actornithophilus piceus* (Denny, 1842)
 PHILOPTERIDAE: *Quadriceps sellatus* (Burmeister, 1838)
- Anous stolidus pileatus* (Scopoli)
 MENOPONIDAE: *Actornithophilus incisus* (Piaget, 1880)
Austromenopon sp.
 PHILOPTERIDAE: *Quadriceps separatus* (Kellogg & Kuwana, 1902)
Saemundssonina remota Timmermann, 1951
- Ptilonopus richardsi cyanopterus* Mayr
 PHILOPTERIDAE: (R) *Auricotes** – a n.sp. is in press with this host as
 the type host.
 *(R) *Columbicola emersoni emersoni* Tendeiro, 1960*
- Ducula pacifica pacifica* (Gmelin)
 No records.
- Macropygia mackinlayi arossi* Tristram
 PHILOPTERIDAE: (R) *Columbicola* sp. Nymphs only recorded.
- Gallicolumba beccarii solomonensis* (Ogilvie-Grant)
 No records.
- Caloenas nicobarica nicobarica* (Linnaeus)
 PHILOPTERIDAE: **Campanulotes clayae* Tendeiro, 1969
Columbicola sp.
- Lorius chlorocercus* Gould
 MENOPONIDAE: *Eomenopon chlorocerci* Price, 1966
Pacifimenopon gressitti Price, 1966
- Micropsitta finschii finschii* (Ramsay)
 No records.
- Geoffroyus heteroclitus hyacinthinus* (Mayr)
 PHILOPTERIDAE: (R) *Echinophilopterus* sp.
Neopsittaconirmus sp.
- Chalcites lucidus harterti* Mayr
 No records.
- Tyto alba* cf. *crassirostris* Mayr
 No records.
- Collocalia vanikorensis vanikorensis* (Quoy & Gaimard)
 MENOPONIDAE: *(R) *Dennyus (Collodennyus) thompsoni* Ledger, 1970
 sens. lat.*
- Collocalia spodiopygia reichenowi* Stresemann
 MENOPONIDAE: **Dennyus (Collodennyus) francicus* Thompson, 1941

Collocalia esculenta desiderata Mayr

MENOPONIDAE: (R) *Dennyus (Collodennyus) distinctus* Ferris, 1916
(R) *Eureum* sp.*

Hemiprocne mystacea woodfordiana (Hartert)

No records.

Halcyon sancta sancta Vigors & Horsfield

No records.

Halcyon chloris amoena Mayr

PHILOPTERIDAE: (R) *Alcedoecus latigenitalis* Eichler, 1944

Coracina lineata gracilis Mayr

No records.

Turdus poliocephalus rennellianus Mayr

MENOPONIDAE: (R) *Myrsidea* sp.*

Gerygone flavolateralis citrina Mayr

No records.

Rhipidura rennelliana Mayr

MENOPONIDAE: (R) *Myrsidea* sp.

Clytorhynchus hamlini Mayr

RICINIDAE: (R) *Ricinus tugarinovi* Blagoveshchensky, 1951

Myiagra caledonica occidentalis Mayr

MENOPONIDAE: (R) *Myrsidea* sp.

RICINIDAE: (R) *Ricinus* sp.*

Pachycephala pectoralis feminina Mayr

No records.

Aplonis cantoroides cantoroides (Gray)

MENOPONIDAE: (R) *Myrsidea* sp.

PHILOPTERIDAE: (R) *Brueelia* sp.*

Aplonis feadensis insularis Mayr

MENOPONIDAE: (R) *Myrsidea* sp.*

PHILOPTERIDAE: (R) *Brueelia* sp.*

Myzomela cardinalis sanfordi Mayr

MENOPONIDAE: (R) *Myrsidea* sp.

Zosterops rennelliana Murphy

No records.

Woodfordia superciliosa North

MENOPONIDAE: (R) *Myrsidea* sp.

PHILOPTERIDAE: (R) *Brueelia* sp.

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