

APPENDIX I

ECTOPARASITES OF AUSTRALIAN, NEW ZEALAND AND ANTARCTIC BIRDS

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INTRODUCTION

This checklist is the second of three units covering the passerine birds. The format followed is the same as previously with the same qualifications for accepting data and for giving avian subspecies.

The list of lice and fleas is not as extensive as in previous lists in this series, which reflects not only the absence of published material but also taxonomic difficulties associated with these groups of ectoparasites. A consequence is that most of the bird lice are identified only as far as genus. Ticks pose a different problem. Aust. passerines are infested by immature stages of ticks that have mammalian hosts when adult. Keys for the identification of immature stages have not been published, so only the genus is given and whether the ticks are larval (L) or nymphal (N). Occasionally, the genus to which a mite belongs is given as 'closest to a genus'; an asterisk (*) next to a generic name indicates where Bishop & Heath (1998) have reported such reservations. The names of mites are given in alphabetical order of the genus.

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CHECKLIST OF ECTOPARASITES

Family PARDALOTIDAE

Pardalotus punctatus

- LICE: *Myrsidea* sp.
Philopterus sp.

Pardalotus striatus

- LICE: *Ricinus* sp.
 MITES: *Dermanyssus hirundinus* (Hermann, 1804)

Dasyornis brachypterus

- MITES: *Guntheria coorongensis* (Hirst, 1929)

Sericornis citreogularis

- MITES: *Neoschoengastia posekanyi* Wharton & Hardcastle, 1946

Sericornis frontalis

- FLEAS: *Hoogstraalia vandiemeni* Smit, 1958
 MITES: *Guntheria coorongensis* (Hirst, 1929)
Guntheria pannosa (Domrow, 1960)
Neoschoengastia posekanyi Wharton & Hardcastle, 1946
Neotrombicula comata Domrow, 1961
Neotrombicula novaehollandiae (Hirst, 1929)
Ruandanyssus terpsiphonei Fain, 1957

Sericornis keri

- MITES: *Ruandanyssus terpsiphonei* Fain, 1957

Acanthornis magnus

- LICE: *Menacanthus* sp.
 FLEAS: *Hoogstraalia vandiemeni* Smit, 1958

Hylacola pyrrhopygia

- MITES: *Guntheria coorongensis* (Hirst, 1929)

Chthonicola sagittata

- MITES: *Neoschoengastia posekanyi* Wharton & Hardcastle, 1946

Gerygone igata

- LICE: *Myrsidea* sp.
Ricinus sp.
Philopterus sp.

LOUSE-

- FLIES: *Ornithomya variegata* Bigot, 1885
 MITES: *Ornithonyssus bursa* (Berlese, 1888)
Ornithonyssus sylvianus (Canestrini & Fanzago, 1877)
Pterodectes sp.
Trouessartia sp.

Gerygone albofrontata

- FLEAS: *Parapsyllus struthophilus* Smit, 1979
Ceratophyllus gallinae (Schränk, 1803)
 MITES: *Ingrassiaella* sp.

Gerygone fusca

- LICE: *Ricinus* sp.

Gerygone palpebrosa

- MITES: *Ptilonyssus gerygonae* Domrow, 1969

Acanthiza pusilla

- LICE: *Myrsidea* sp.

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Acanthiza ewingii

LICE: *Myrsidea* sp.
Ricinus mollisoni Rheinwald, 1968

Acanthiza reguloides

MITES: *Ptilonyssus gerygonae* Domrow, 1969

Acanthiza chrysorrhoa

LICE: *Philopterus* sp.

Family PETROICIDAE

Microeca fascians

MITES: *Neoschoengastia posekanyi* Wharton & Hardcastle, 1946
Ptilonyssus microecae Domrow, 1966

Microeca flavigaster

MITES: *Ptilonyssus microecae* Domrow, 1966

Petroica multicolor

LOUSE-
 FLIES: *Ornithomya variegata* Bigot, 1885

Petroica macrocephala toitoi, *P. m. macrocephala*

LICE: *Philopterus* sp.

LOUSE-
 FLIES: *Ornithomya variegata* Bigot, 1885

Petroica macrocephala chathamensis

FLEAS: *Parapsyllus struthophilus* Smit, 1979
 MITES: *Ornithonyssus bursa* (Berlese, 1888)

Petroica macrocephala dannefaerdi

LICE: *Philopterus* sp.
 FLEAS: *Pagipsylla galliralli* (Smit, 1965)

Petroica phoenicea

LICE: *Ricinus* sp.
Philopterus sp.
 TICKS: *Ixodes* sp. (L)

Petroica rosea

LOUSE-
 FLIES: *Ornithomya variegata* Bigot, 1885
 MITES: *Ptilonyssus motacillae* Fain, 1956

Petroica australis australis

LICE: *Menacanthus eurysternus* (Burmeister, 1838)

Petroica traversi

FLEAS: *Parapsyllus struthophilus* Smit, 1979
Ceratophyllus gallinae (Schränk, 1803)

Melanodryas vittata

LICE: *Menacanthus eurysternus* (Burmeister, 1838)
Brueelia sp.

LOUSE-
 FLIES: *Ornithoica stipituri stipituri* (Schiner, 1868)
Ornithomya areolata Maa, 1986
Ornithomya nigricornis Erichson, 1842
Ornithomya variegata Bigot, 1885

Tregellasia capito

MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Ptilonyssus dioptrornis Fain, 1956
Sternostoma cuculorum Fain, 1956

Tregellasia leucops

MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Leptotrombidium robustum (Gunther, 1941)

Eopsaltria australis

MITES: *Neoschoengastia posekanyi* Wharton & Hardcastle, 1946

Family ORTHONYCHIDAE

Orthonyx temminckii

MITES: *Ptilonyssus orthonychus* Domrow, 1969

Family POMATOSTOMIDAE

Pomatostomus temporalis

FLEAS: *Echidnophaga gallinacea* (Westwood, 1875)
 MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Neocnemidocoptes sp.
Neoschoengastia americana (Hirst, 1921)
Neoschoengastia posekanyi Wharton & Hardcastle, 1946
Odontacarus australiensis (Hirst, 1925)
Odontacarus mccullochi (Womersley, 1944)
Odontacarus sp.
Passerrhinoptes pomatostomi Domrow, 1966

Pomatostomus superciliosus

LICE: *Brueelia* sp.
 MITES: *Kytodites* sp.

Family CINCLOSOMATIDAE

Psophodes olivaceus

MITES: *Ptilonyssus psophodae* Domrow, 1964

Cinclosoma punctatum

LICE: *Brueelia* sp.
Philopterus sp.

Family NEOSITTIDAE

Daphoenositta chrysoptera

MITES: *Sternostoma neosittae* Domrow, 1969

Family PACHYCEPHALIDAE

Mohoua albicilla

LICE: *Myrsidea* sp.
Brueelia sp.
Philopterus sp.

LOUSE-
 FLIES: *Ornithomya variegata* Bigot, 1885

Mohoua novaeseelandiae

MITES: *Analges* sp.
Pterodectes sp.

Oreoica gutturalis

MITES: *Sternostoma cuculorum* Fain, 1956

Pachycephala olivacea

LICE: *Menacanthus eurysternus* (Burmeister, 1838)
Myrsidea sp.
Brueelia sp.

FLEAS: *Hoogstraalia vandiemeni* Smit, 1958

Pachycephala inornata

LICE: *Philopterus* sp.

Pachycephala pectoralis

LICE: *Myrsidea pachycephalae* Palma & Klockenkoff, 1988
Brueelia sp.

- MITES: *Neoschoengastia posekanyii* Wharton & Hardcastle, 1946
Ornithonyssus sylvianum (Canestrini & Fanzago, 1877)
Ptilonyssus colluricinclae Domrow, 1964
Ptilonyssus motacillae Fain, 1956
Ruandanyssus terpsiphonei Fain, 1957

Pachycephala pectoralis ashbyi

- LICE: *Myrsidea pachycephalae* Palma & Klockenkoff, 1988

Pachycephala pectoralis glaucura

- LICE: *Myrsidea pachycephalae* Palma & Klockenkoff, 1988

Pachycephala simplex

- MITES: *Ptilonyssus colluricinclae* Domrow, 1964
Ruandanyssus terpsiphonei Fain, 1957

Pachycephala rufiventris

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Neoschoengastia americana (Hirst, 1921)
Neoschoengastia posekanyii Wharton & Hardcastle, 1946

- Odontacarus australiensis* (Hirst, 1925)
Ptilonyssus motacillae Fain, 1956
Ruandanyssus terpsiphonei Fain, 1957

Colluricincla megarhyncha

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Leptotrombidium robustum (Gunther, 1941)
Ptilonyssus colluricinclae Domrow, 1964
Sternostoma cuculorum Fain, 1956

- TICKS: *Ixodes* sp. (N)

Colluricincla harmonica

- LICE: *Menacanthus eurysternus* (Burmeister, 1838)
Myrsidea sp.
Brueelia sp.
Philoaterus sp.

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Leptotrombidium robustum (Gunther, 1941)
Ptilonyssus colluricinclae Domrow, 1964

- TICKS: *Ixodes* sp. (N)