

APPENDIX I

ECTOPARASITES OF AUSTRALIAN, NEW ZEALAND AND ANTARCTIC BIRDS

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INTRODUCTION

This is the final unit of the checklist covering passerines. The format is the same as previously. Again, many lice have only been identified to genus, and some mites only to the nearest genus (*). Often only immature ticks infest passerines; such infestations are shown as larval (L) or nymphal (N).

Table 1 lists the genera of lice of the families of the passerines, covering the checklists of volumes 5–7 of HANZAB.

The birds in this checklist pose problems where they have extensive geographical distributions which influence the species of fleas, ticks and mites that may infest them.

Several species of birds have a close association with humans who become bitten by mites when fledglings leave nests in buildings. One common example of this is the problem caused by *Ornithonyssus bursa* when chicks of Common Starlings *Sturnus vulgaris* or Common Mynas *Acridotheres tristis* fledge. Other mites cause disease of both aviary and wild birds. *Sternostoma tracheacolum* causes respiratory problems in aviary Gouldian Finches *Erythrura gouldiae*; this disease also causes additional stress in already depleted wild populations of Gouldian Finches. *Knemidokoptes intermedius* infests the lower legs and feet of wild Pied Currawongs *Strepera graculina* and Forest Ravens *Corvus tasmanicus*.

Several of the passerines have been introduced to Aust. or NZ from Europe or elsewhere. Some lice species are absent because they were not on the birds originally introduced, a phenomenon referred to as 'missing the boat'. Thus, fewer species of lice are found on Rook *Corvus frugilegus*, Dunnock *Prunella modularis*, House Sparrow *Passer domesticus*, Common Blackbird *Turdus merula*, Song Thrush *Turdus philomelos* and Common Starling in NZ than on these birds in Europe.

There is an alarming decrease in the numbers of native passerines as land clearances continue, particularly in Aust.,

and the subsequent increasing predation by introduced pests. The future welfare of bird species is threatened, and their extinction means the extinction of some of their ectoparasites, as has been emphasized throughout this series. There is an urgent need to search birds for their ectoparasites before it is too late.

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CHECKLIST OF ECTOPARASITES

Family DICRURIDAE

Monarcha melanopsis

- LICE: *Brueelia* sp.
 MITES: *Ptilonyssus terpsiphonei* Fain, 1956

Monarcha trivirgatus

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Ptilonyssus monachae Domrow, 1969
Ptilonyssus terpsiphonei Fain, 1956
Ruandanysus terpsiphonei Fain, 1957
Sternostoma cuculorum Fain, 1956

Monarcha leucotis

- MITES: *Ptilonyssus terpsiphonei* Fain, 1956

Arses telescopthalmus

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)

Arses kaupi

- MITES: *Ptilonyssus terpsiphonei* Fain, 1956

- Sternostoma cuculorum Fain, 1956

Myiagra rubecula

- MITES: *Leptotrombidium nissani* (Dumbleton, 1947)
Ptilonyssus terpsiphonei Fain, 1956

Ruandanysus terpsiphonei Fain, 1957

Sternostoma cuculorum Fain, 1956

Myiagra alecto

- MITES: *Ptilonyssus terpsiphonei* Fain, 1956

Myiagra iniquita

- MITES: *Ptilonyssus terpsiphonei* Fain, 1956

Grallina cyanoleuca

- LICE: *Myrsidea* sp.

- Brueelia* sp.

- Philopterus* sp.

- MITES: *Meginia acutipes* (Bonnet, 1924)

- Neottigalius grallinae* Janssen Duijghuijsen, Lukoschus & Fain, 1979

- Ornithochyletia lichmerae* Smiley, 1984

- Ornithonyssus sylvarium* (Canestrini & Fanzago, 1877)

- Ptilonyssus grallinae* Domrow, 1964

Rhipidura rufifrons

- MITES: *Ptilonyssus setosae* Domrow, 1969

Rhipidura fuliginosa

- LICE: *Menacanthus rhipidurae* Palma & Price, 2005

- Ricinus mugimaki* (Uchida, 1915)

- Philopterus* sp.

LOUSE-FLIES:	<i>Ornithoica stipituri stipituri</i> (Schiner, 1868)	TICKS:	<i>Ixodes holocyclus</i> Neumann, 1899
	<i>Ornithomya areolata</i> Maa, 1986	Strepera graculina	
	<i>Ornithomya nigricornis</i> Erichson, 1842	LICE:	<i>Myrsidea vincula</i> (Le Souef & Bullen, 1902)
MITES:	<i>Ptilonyssus rhipidurae</i> Domrow, 1966	MITES:	<i>Knemidokoptes intermedius</i> Fain & Macfarlane, 1967
	<i>Anhemigales</i> sp.*		<i>Ptilonyssus cractici</i> Domrow, 1964
	<i>Hemidalgus</i> sp.	Strepera fuliginosa	
	<i>Ingrassiella</i> sp.	LICE:	<i>Myrsidea</i> sp.
	<i>Pteronyssoides</i> sp.		<i>Brueelia</i> sp.
	<i>Trouessartia</i> sp.		<i>Australophilopterus curvicornis</i> Mey, 2004
Rhipidura rufiventris		LOUSE-FLIES:	<i>Ornithomya nigricornis</i> Erichson, 1842
MITES:	<i>Ptilonyssus setosae</i> Domrow, 1969	TICKS:	<i>Ixodes</i> sp. (auritulus group)
Rhipidura leucophrys			<i>Ixodes</i> sp. (L)
LICE:	<i>Myrsidea</i> sp.	Strepera versicolor	
MITES:	<i>Ptilonyssus macclurei</i> Fain, 1963	LICE:	<i>Menacanthus dennisi</i> Price & Emerson, 1988
	<i>Sternostoma cuculorum</i> Fain, 1956		<i>Myrsidea</i> sp.
Dicrurus bracteatus	<i>Ptilonyssus dicruri</i> Fain, 1956		<i>Australophilopterus strepericus</i> Mey, 2004
MITES:			<i>Brueelia</i> sp.
Family CAMPEPHAGIDAE		LOUSE-FLIES:	<i>Ornithomya nigricornis</i> Erichson, 1842
Coracina novaehollandiae		Gymnorhina tibicen	
LICE:	<i>Myrsidea</i> sp.	LICE:	<i>Picicola bimaculatus</i> (Piaget, 1885)
	<i>Brueelia</i> sp.	MITES:	<i>Ornithomyssus bursa</i> (Berlese, 1888)
	<i>Philopterus goshikidori</i> (Uchida, 1948)		<i>Ptilonyssus cractici</i> Domrow, 1964
MITES:	<i>Leptotrombidium nissani</i> (Dumbleton, 1947)		<i>Pterodectes</i> sp.
	<i>Odontacarus australiensis</i> (Hirst, 1925)		<i>Sternostoma thienpoti</i> Fain, 1956
	<i>Ruandanyssus terpsiphonei</i> Fain, 1957		<i>Syringophilopsis</i> sp. 4 Johnston & Kethley, 1973
Coracina papuensis		Gymnorhina tibicen tibicen, Gymnorhina tibicen dorsalis	
MITES:	<i>Leptotrombidium nissani</i> (Dumbleton, 1947)	LICE:	<i>Myrsidea</i> sp.
	<i>Ruandanyssus terpsiphonei</i> Fain, 1957		<i>Brueelia semiannulata</i> (Piaget, 1883)
Lalage sueurii			<i>Philopterus</i> sp.
MITES:	<i>Boydala crassipes</i> (Berlese & Trouessart, 1889)	FLEAS:	<i>Echidnophaga gallinacea</i> (Westwood, 1875)
	<i>Ptilonyssus cractici</i> Domrow, 1964	TICKS:	<i>Ixodes holocyclus</i> Neumann, 1899
	<i>Ruandanyssus terpsiphonei</i> Fain, 1957		<i>Haemaphysalis longicornis</i> Neumann, 1901
Family ORIOLIDAE		Gymnorhina tibicen hypoleuca	
Oriolus flavocinctus		LICE:	<i>Myrsidea</i> sp.
MITES:	<i>Leptotrombidium nissani</i> (Dumbleton, 1947)		<i>Brueelia semiannulata</i> (Piaget, 1883)
	<i>Leptotrombidium robustum</i> (Gunther, 1941)	LOUSE-FLIES:	<i>Ornithoica stipituri stipituri</i> (Schiner, 1868)
	<i>Ptilonyssus trouessarti</i> (Hirst, 1921)		<i>Ornithomya nigricornis</i> Erichson, 1842
Oriolus sagittatus		Family CORVIDAE	
MITES:	<i>Neoschoengastia posekanyi</i> Wharton & Hardcastle, 1946	Corvus frugilegus	
	<i>Ptilonyssus trouessarti</i> (Hirst, 1921)	LICE:	<i>Colpocephalum fregili</i> Denny, 1842
Sphecotheres viridis		MITES:	<i>Analges</i> sp.
LICE:	<i>Columbicola paradoxus</i> Tendeiro, 1965		<i>Gabucinia</i> sp.
MITES:	<i>Ptilonyssus sphecotheres</i> Domrow, 1964	Corvus coronoides	
Family ARTAMIDAE		LICE:	<i>Colpocephalum fregili</i> Denny, 1842
Artamus personatus			<i>Menacanthus gonophaeus</i> (Burmeister, 1838)
MITES:	<i>Ruandanyssus terpsiphonei</i> Fain, 1957		<i>Myrsidea australiensis australiensis</i> Klockenhoff, 1971
Artamus superciliosus			<i>Brueelia</i> sp.
MITES:	<i>Artamacarus diacanthurus</i> Gaud & Atyeo, 1974	TICKS:	<i>Philopterus craigi</i> Price & Hellenthal, 1998
Artamus cinereus			<i>Ixodes holocyclus</i> Neumann, 1899
MITES:	<i>Ruandanyssus artami</i> Domrow, 1969	Corvus tasmanicus	
Artamus cyanopterus		LICE:	<i>Colpocephalum fregili</i> Denny, 1842
LICE:	<i>Menacanthus nelsoni</i> Price, 1976		<i>Menacanthus gonophaeus</i> (Burmeister, 1838)
MITES:	<i>Artamacarus diacanthurus</i> Gaud & Atyeo, 1974		<i>Myrsidea australiensis australiensis</i> Klockenhoff, 1971
	<i>Neocheyletiella artami</i> Domrow, 1966		<i>Philopterus daggleishi</i> Price & Hellenthal, 1998
	<i>Ornithomyssus sylviarum</i> (Canestrini & Fanzago, 1877)	LOUSE-FLIES:	<i>Ornithomya nigricornis</i> Erichson, 1842
Artamus minor		MITES:	<i>Knemidokoptes intermedius</i> Fain & Macfarlane, 1967
MITES:	<i>Artamacarus diacanthurus</i> Gaud & Atyeo, 1974	Corvus mellori	
	<i>Neoschoengastia americana</i> (Hirst, 1921)	LICE:	<i>Colpocephalum fregili</i> Denny, 1842
	<i>Ruandanyssus artami</i> Domrow, 1969		<i>Menacanthus gonophaeus</i> (Burmeister, 1838)
Cracticus quoyi			<i>Myrsidea australiensis mellori</i> Klockenhoff, 1973
MITES:	<i>Leptotrombidium nissani</i> (Dumbleton, 1947)	LOUSE-FLIES:	<i>Ornithomya nigricornis</i> Erichson, 1842
	<i>Ptilonyssus cractici</i> Domrow, 1964	Corvus bennetti	
	<i>Sternostoma thienpoti</i> Fain, 1956	LICE:	<i>Colpocephalum fregili</i> Denny, 1842
Cracticus torquatus			<i>Menacanthus gonophaeus</i> (Burmeister, 1838)
MITES:	<i>Neoschoengastia posekanyi</i> Wharton & Hardcastle, 1946		<i>Myrsidea australiensis bennetti</i> Klockenhoff, 1971
	<i>Ptilonyssus cractici</i> Domrow, 1964		<i>Brueelia</i> sp.
TICKS:	<i>Ixodes</i> sp. (L)		<i>Philopterus craigi</i> Price & Hellenthal, 1998
Cracticus mentalis		Corvus orru	
MITES:	<i>Ptilonyssus cractici</i> Domrow, 1964	LICE:	<i>Myrsidea cecilae</i> Klockenhoff, 1972
Cracticus nigrogularis			<i>Myrsidea schizotergum arafura</i> Klockenhoff, 1972
MITES:	<i>Neoschoengastia posekanyi</i> Wharton & Hardcastle, 1946		<i>Myrsidea schizotergum schizotergum</i> Klockenhoff, 1972
	<i>Ptilonyssus cractici</i> Domrow, 1964	Family CORCORACIDAE	
	<i>Sternostoma thienpoti</i> Fain, 1956	Corcorax melanorhamphos	
		LICE:	<i>Menacanthus</i> sp.
			<i>Myrsidea</i> sp.

	Bruelia sp.	FLEAS: Ceratophyllus gallinae (Schrank, 1803)
	Corcorides inopinatus Mey, 2004	LOUSE-FLIES: Ornithoica stipituri stipituri (Schiner, 1868)
	Paraphilopterus styloideus Mey, 2004	Ornithomya areolata Maa, 1986
MITES:	Ptilonysus corcoracis Domrow, 1969	Ornithomya nigricornis Erichson, 1842
Struthidea cinerea		Ornithomya variegata Bigot, 1885
LICE:	Myrsidea cinerea (Thompson, 1939)	MITES: Analges sp.
	Myrsidea struthidea Thompson, 1939	Androlaelaps casalis (Berlese, 1887)
	Corcorides biocellatus Mey, 2004	Dermanyssus gallinae (De Geer, 1778)
MITES:	Eutrombicula sarcina (Womersley, 1944)	Mesalges sp.
	Leptotrombiculum nissani (Dumbleton, 1947)	Ornithonyssus bursa (Berlese, 1888)
	Neoschoengastia posekanyi Wharton & Hardcastle, 1946	Ornithonyssus sylviarum (Canestrini & Fanzago, 1877)
	Neoschoengastia americana (Hirst, 1921)	Proctophyllodes troncaetus Robin, 1877
	Odontacarus adelaideae (Womersley, 1944)	Ptilonysus hirsti (de Castro & Pereira, 1947)
	Ornithonyssus bursa (Berlese, 1888)	TICKS: Haemaphysalis longicornis Neumann, 1901
	Ptilonysus struthideae Domrow, 1969	
	Ruandanyssus terpsiphonei Fain, 1957	
Family PTILONORHYNCHIDAE		
Ailuroedus crassirostris		Family ESTRILDIDAE
MITES:	Neoschoengastia posekanyi Wharton & Hardcastle, 1946	Taeniopygia guttata
	Ptilonysus ailuroedi Domrow, 1964	MITES: Neocnemidocetes australiensis Fain & Lukoschus, 1979
Sericulus chryscephalus		Pellonysus reedi (Zumpt & Patterson, 1952)
LICE:	Bruelia hectica (Nitzsch [in Giebel], 1866)	Ptilonysus astridae Fain, 1956
MITES:	Proterothrix paradisiaca (Trouessart, 1885)	?Ptilonysus conopophilae Fain & Lukoschus, 1979
Ptilonorhynchus violaceus		Ptilonysus motacillae Fain, 1956
LICE:	Myrsidea ptilonorhynchi (Ponton, 1871)	Sternostoma sp.
	Philopterus grandiceps (Giebel, 1874)	Taeniopygia bichenovii
	Picicola nitzschii (Ponton, 1871)	MITES: Pellonysus reedi (Zumpt & Patterson, 1952)
Chlamydera nuchalis		Ptilonysus emberizae Fain, 1956
MITES:	Ptilonysus sphecotheris Domrow, 1964	Poephila acuticauda
Family TURNAGRIDAE		MITES: Bakericheyla chanayi (Berlese & Trouessart, 1889)
Turnagra capensis		Kytonyssus andrei Fain, 1960
LICE:	Bruelia sp.	Pellonysus astridae Fain, 1952
Family CALLAEIDAE		Ptilonysus neochmiae Domrow, 1969
Callaeas cinerea		Sternostoma paddae Fain, 1958
Callaeas cinerea wilsoni, Callaeas cinerea cinerea		Poephila personata
LICE:	Bruelia sp.	MITES: Kytodites amandavae Fain & Bafort, 1964
	Philopterus novaezealandiae Palma & Price, 2000	Ptilonysus astridae Fain, 1956
MITES:	Mesalges diaphanoxus Bonnet, 1924	Sternostoma paddae Fain, 1958
Philesturnus carunculatus		Sternostoma tracheacolum Lawrence, 1948
LOUSE-FLIES: Ornithomya variegata Bigot, 1885		Neochmia phaeton
Philesturnus carunculatus carunculatus		MITES: Ptilonysus neochmiae Domrow, 1969
LICE:	Bruelia sp.	Neochmia temporalis
Philesturnus carunculatus rufusater		MITES: Pellonysus reedi (Zumpt & Patterson, 1952)
LICE:	Bruelia sp.	Stagonopleura bella
	Philopterus sp.	MITES: Myrsidea sp.
MITES:	Ornithonyssus bursa (Berlese, 1888)	Bruelia sp.
Heteralocha acutirostris		Lonchura punctulata
LICE:	Rallicola (Huiacola) extinctus (Mey, 1990)	MITES: Ptilonysus motacillae Fain, 1956
Family ALAUDIDAE		Lonchura castaneothorax
Mirafra javanica		MITES: Ornithocheyletia lonchurae Smiley, 1984
MITES:	Ptilonysus capitatus (Strandtmann, 1956)	Pellonysus reedi (Zumpt & Patterson, 1952)
Alauda arvensis		Ptilonysus astridae Fain, 1956
LICE:	Menacanthus alaudae (Schrank, 1776)	Heteromunia pectoralis
	Bruelia sp.	MITES: Ptilonysus emberizae Fain, 1956
	Philopterus sp.	Sternostoma tracheacolum Lawrence, 1948
MITES:	Andges sp.	Erythrura gouldiae
	Proctophyllodes (?anthi) Vitzhum, 1922	MITES: Machaerilaemus latifrons Harrison, 1915
	Pterodectes sp.*	Androlaelaps casalis (Berlese, 1887)
TICKS:	Haemaphysalis longicornis Neumann, 1901	Bakericheyla chanayi (Berlese & Trouessart, 1889)
Family PRUNELLIDAE		Eulaelaps oudemansi Turk, 1945
Prunella modularis		Ptilonysus neochmiae Domrow, 1992 p.1605
LICE:	Philopterus sp.	Sternostoma paddae Fain, 1958
FLEAS:	Ceratophyllus gallinae (Schrank, 1803)	Sternostoma tracheacolum Lawrence, 1948
	Parapsyllus struthophilus Smit, 1979	
LOUSE-FLIES:	Ornithomya variegata Bigot, 1885	
MITES:	Analges sp.	
	Ornithonyssus bursa (Berlese, 1888)	
	Proctophyllodes sp.	
Family PASSERIDAE		
Passer domesticus		Family FRINGILLIDAE
LICE:	Menacanthus eurysternus (Burmeister, 1838)	Fringilla coelebs
	Bruelia cyclothorax (Burmeister, 1838)	FLEAS: Ceratophyllus gallinae (Schrank, 1803)
		LOUSE-FLIES: Ornithomya variegata Bigot, 1885
		MITES: Analges sp.
		Monoubertia microphylla (Robin, 1877)
		Pteronyssoides sp.*
		Carduelis chloris chloris
		LICE: Myrsidea serini (Séguy, 1944)
		Bruelia sp.
		FLEAS: Ceratophyllus gallinae (Schrank, 1803)

* Closest to genus

MITES:	<i>Analges</i> sp.
	<i>Knemidokoptes jamaicensis</i> (Turk, 1950)
	<i>Megninia</i> sp.
	<i>Mesalges</i> sp.
	<i>Proctophyllodes</i> sp.
Carduelis carduelis carduelis	
LICE:	<i>Myrsidea serini</i> (Séguy, 1944)
	<i>Brueelia</i> sp.
LOUSE-FLIES:	<i>Ornithomya variegata</i> Bigot, 1885
MITES:	<i>Knemidokoptes jamaicensis</i> (Turk, 1950)
Carduelis flammea	
MITES:	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)
Family MOTACILLIDAE	
Anthus novaeseelandiae	
LICE:	<i>Menacanthus pusillus</i> (Nitzsch, 1866)
	<i>Penenirmus</i> sp.
	<i>Philopterus</i> sp.
MITES:	<i>Ptilonyssus motacillae</i> Fain, 1956
Anthus novaeseelandiae novaeseelandiae, Anthus novaeseelandiae steindachneri	
LICE:	<i>Menacanthus eurysternus</i> (Burmeister, 1838)
	<i>Myrsidea</i> sp.
	<i>Philopterus</i> sp.
MITES:	<i>Proctophyllodes</i> (?anthi) Vitzhum, 1922
Family EMBERIZIDAE	
Emberiza citrinella	
LICE:	<i>Myrsidea serini</i> (Séguy, 1944)
	<i>Brueelia delicata</i> (Nitzsch, 1866)
LOUSE-FLIES:	<i>Ornithomya avicularia</i> (Linnaeus, 1758)
	<i>Ornithomya variegata</i> Bigot, 1885
MITES:	<i>Analges</i> sp.
	<i>Proctophyllodes</i> sp.
	<i>Ptilonyssus emberizae</i> Fain, 1956
Family NECTARINIIDAE	
Nectarinia jugularis	
MITES:	<i>Ptilonyssus cinnyris</i> Zumpt & Till, 1955
Family DICAEIDAE	
Dicaeum hirundinaceum	
MITES:	<i>Monojoubertia parvisecurigera</i> Atyeo, 1971
	<i>Monojoubertia securigera</i> Atyeo, 1971
	<i>Ptilonyssus dicaei</i> Domrow, 1966
Family HIRUNDINIDAE	
Cheramoeca leucosternus	
FLEAS:	<i>Echidnophaga gallinacea</i> (Westwood, 1875)
MITES:	<i>Mesolaelaps australiensis</i> (Hirst, 1926)
Hirundo rustica	
LICE:	<i>Myrsidea rustica</i> (Giebel, 1874)
	<i>Philopterus excisus microsomaticus</i> Tandan, 1955
Hirundo neoxena	
LICE:	<i>Myrsidea rustica</i> (Giebel, 1874)
	<i>Brueelia tenuis</i> (Burmeister, 1838)
	<i>Philopterus excisus microsomaticus</i> Tandan, 1955
LOUSE-FLIES:	<i>Ornithomya greeni</i> Maa, 1986
	<i>Ornithomya nigricornis</i> Erichson, 1842
MITES:	<i>Boydaia hirundoae</i> Fain, 1956
	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)
	<i>Pteronyssus</i> sp. [NZ record]
	<i>Ptilonyssus angrensis</i> (de Castro, 1948)
	<i>Ptilonyssus echinatus</i> Berlese & Trouessart, 1889
Hirundo nigricans	
LICE:	<i>Machaerilaemus malleus</i> (Burmeister, 1838)
MITES:	<i>Ptilonyssus echinatus</i> Berlese & Trouessart, 1889
TICKS:	<i>Ixodes</i> sp. (N)
Hirundo ariel	
MITES:	<i>Boydaia hirundoae</i> Fain, 1956
	<i>Cheletonella vespertilionis</i> Womersley, 1941
	<i>Ornithonyssus bursa</i> (Berlese, 1888)
	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)
	<i>Ptilonyssus echinatus</i> Berlese & Trouessart, 1889
TICKS:	<i>Argas lagenoplastis</i> Froggatt, 1906

Acrocephalus australis	
MITES:	<i>Ptilonyssus acrocephali</i> Fain, 1964
Megalurus gramineus	
MITES:	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)
Bowdleria punctata	
LICE:	<i>Penenirmus</i> sp.
FLEAS:	<i>Notiopsylla peregrinus</i> Smit, 1979
	<i>Pagipsylla galliralli</i> (Smit, 1965)
	<i>Parapsyllus lynnae lynnae</i> Smit, 1965
Cincloramphus mathewsi	
MITES:	<i>Ptilonyssus bradypteri</i> (Fain, 1962)
Cincloramphus cruralis	
LICE:	<i>Brueelia</i> sp.
Family ZOSTEROPIDAE	
Zosterops lateralis	
LICE:	<i>Menacanthus eurysternus</i> (Burmeister, 1838)
FLEAS:	<i>Ceratophyllus gallinae</i> (Schrank, 1803)
	<i>Pagipsylla galliralli</i> (Smit, 1965)
LOUSE-FLIES:	<i>Ornithomya areolata</i> Maa, 1986
	<i>Ornithomya nigricornis</i> Erichson, 1842
	<i>Ornithomya variegata</i> Bigot, 1885
MITES:	<i>Boydala zosteropis</i> Fain, 1963
	<i>Calcealges</i> (?yunkeri) Gaud, 1962
	<i>Ornithonyssus bursa</i> (Berlese, 1888)
	<i>Ptilonyssus ruandae</i> Fain, 1956
	<i>Sternostoma cuculorum</i> Fain, 1956
	<i>Trouessartia megadisca</i> Gaud, 1962
	<i>Trouessartia</i> sp.
Family MUSCICAPIDAE	
Zoothera lunulata	
LICE:	<i>Myrsidea</i> sp.
	<i>Brueelia daumae</i> (Clay, 1936)
	<i>Philopterus</i> sp.**
FLEAS:	<i>Hoogstraalia vandiemeni</i> Smit, 1958
MITES:	<i>Sternostoma dureni</i> Fain, 1956
	<i>Sternostoma technau</i> Vitzhum, 1935
Turdus merula merula	
LICE:	<i>Menacanthus eurysternus</i> (Burmeister, 1838)
	<i>Myrsidea thoracica</i> (Giebel, 1874)
	<i>Brueelia merulensis</i> (Denny, 1842)
	<i>Brueelia ansel</i> (Eichler, 1951)
	<i>Philopterus turdi</i> (Denny, 1842)
FLEAS:	<i>Ceratophyllus gallinae</i> (Schrank, 1803)
	<i>Pagipsylla galliralli</i> (Smit, 1965)
	<i>Parapsyllus struthophilus</i> Smit 1979
LOUSE-FLIES:	<i>Ornithoica stipituri stipituri</i> (Schiner, 1868)
	<i>Ornithomya nigricornis</i> Erichson, 1842
MITES:	<i>Analges</i> sp.
	<i>Androlaelaps casalis</i> (Berlese, 1887)
	<i>Ornithonyssus bursa</i> (Berlese, 1888)
	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)***
	<i>Proctophyllodes</i> sp.
	<i>Ptilonyssus euroturi</i> Fain & Hyland, 1963
Turdus philomelos	
LICE:	<i>Menacanthus eurysternus</i> (Burmeister, 1838)
	<i>Brueelia turdinulae</i> Ansari, 1956
	<i>Philopterus turdi</i> (Denny, 1842)
FLEAS:	<i>Ceratophyllus gallinae</i> (Schrank, 1803)
LOUSE-FLIES:	<i>Ornithomya variegata</i> Bigot, 1885
MITES:	<i>Analges</i> sp.
	<i>Ornithonyssus bursa</i> (Berlese, 1888)
	<i>Ptilonyssus euroturi</i> Fain & Hyland, 1963
Family STURNIDAE	
Aplonis metallica	
MITES:	<i>Ptilonyssus sturnopastoris</i> Fain, 1963

** The host species was reported as *Zoothera lunulata* in 1969 and later *Z. dauma* in 1992. They were collected from Wilsons Peak, NSW.

*** The original report of an intranasal habitat was withdrawn (Hogsette et al. 1991). This mite usually visits the host in the nest to obtain a blood meal.

Sturnus vulgaris

LICE:	<i>Menacanthus eurysternus</i> (Burmeister, 1838)
	<i>Brueelia nebulosa</i> (Burmeister, 1838)
	<i>Sturnidoecus sturni</i> (Schrank, 1776)
FLEAS:	<i>Ceratophyllus gallinae</i> (Schrank, 1803)
LOUSE-FLIES:	<i>Ornithomya nigricornis</i> Erichson, 1842
MITES:	<i>Analgopsis passerinus</i> (Linnaeus, 1758)
	<i>Boydia sturni</i> (Boyd, 1948)
	<i>Dermanyssus gallinae</i> (De Geer, 1778)
	<i>Ornithonyssus bursa</i> (Berlese, 1888)
	<i>Ornithonyssus sylvarium</i> (Canestrini & Fanzago, 1877)
	<i>Proctophyllodes</i> sp.

Pteronyssoides truncatus (Trouessart, 1885)

Trouessartia rosteri (Berlese, 1883)

Ixodes sp. (N)

Acridotheres tristisLICE: *Menacanthus eurysternus* (Burmeister, 1838)*Sturnidoecus* sp.

Analges sp.

Analgopsis (?*passerinus*) (Linnaeus, 1758)*Ornithonyssus sylviarum* (Canestrini & Fanzago, 1877)*Proctophyllodes* sp.Pteronyssoides (*truncatus*) (Trouessart, 1885)Trouessartia (?*rosteri*) (Berlese, 1883)

Table 1. Genera of lice associated with families of birds.

SUB-ORDERS AND GENERA OF LICE		
	Amblycera	Ischnocera
Passeriformes		
Acanthisittidae	<i>Menacanthus</i>	<i>Picicola</i>
Pittidae	<i>Menacanthus</i>	<i>Brueelia</i>
Menuridae	<i>Myrsidea</i>	<i>Brueelia, Philopterus</i>
Maluridae	<i>Menacanthus, Myrsidea, Ricinus</i>	<i>Brueelia, Philopterus</i>
Meliphagidae	<i>Menacanthus, Myrsidea, Ricinus</i>	<i>Philopterus</i>
Pardalotidae	<i>Menacanthus, Myrsidea, Ricinus</i>	<i>Brueelia, Philopterus</i>
Petroicidae	<i>Menacanthus, Ricinus</i>	<i>Brueelia</i>
Pomatostomidae		<i>Brueelia, Philopterus</i>
Cinclosomatidae		<i>Brueelia, Philopterus</i>
Pachycephalidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia, Philopterus</i>
Dicruridae	<i>Menacanthus, Myrsidea, Ricinus</i>	<i>Brueelia, Philopterus</i>
Campephagidae	<i>Myrsidea</i>	<i>Brueelia, Philopterus</i>
Oriolidae		<i>Columbicola</i>
Artamidae	<i>Menacanthus, Myrsidea</i>	<i>Australophilopterus, Brueelia, Picicola</i>
Paradisaeidae	<i>Myrsidea</i>	
Corvidae	<i>Colpocephalum, Menacanthus, Myrsidea</i>	<i>Brueelia, Philopterus</i>
Corcoracidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia, Corcorides, Paraphilopterus</i>
Ptilonorhynchidae	<i>Myrsidea</i>	<i>Brueelia, Philopterus, Picicola</i>
Turnagridae		<i>Brueelia</i>
Callaeidae	<i>Menacanthus</i>	<i>Brueelia, Philopterus, Rallicola</i>
Alaudidae		<i>Brueelia, Philopterus</i>
Prunellidae	<i>Menacanthus</i>	<i>Brueelia</i>
Passeridae	<i>Machaerilaemus, Myrsidea</i>	<i>Brueelia</i>
Estrildidae	<i>Myrsidea</i>	<i>Brueelia</i>
Fringillidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia</i>
Motacillidae	<i>Myrsidea</i>	<i>Penenirmus, Philopterus</i>
Emberizidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia</i>
Hirundinidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia, Philopterus</i>
Sylviidae	<i>Machaerilaemus, Myrsidea</i>	<i>Brueelia, Penenirmus</i>
Zosteropidae	<i>Menacanthus</i>	
Muscicapidae	<i>Menacanthus, Myrsidea</i>	<i>Brueelia, Philopterus</i>
Sturnidae	<i>Menacanthus</i>	<i>Brueelia, Sturnidoecus</i>

APPENDIX II

ABORIGINAL NAMES

Compiled by J.M. Peter & M.B. Peter.

Aust. Aboriginal names were compiled from the following sources: AUST.-WIDE: Gould (1865), Sorenson (1920), Theiberger & McGregor (1994). CENTRAL AUST.: Nicholls (1924), Whitlock (1924). QLD: Gulf Country (Breen 1981); mouths of Mitchell R., sw. C. York Pen. (Alpher 1991); Gulf of Carpentaria to w. C. York Pen., C. York, and Cardwell to Townsville (Dixon & Blake 1983); Mer, Torres Str. (Ingram 1976); Waraber I., Torres Str. (Drake 1979); Bentinck Is (Evans 1992); Weipa, on w. C. York Pen., Tully to Herbert R., and Cunnamulla to central NSW (Dixon & Blake 1981); Cooktown area (Dixon & Blake 1979); Bloomfield R. (Jerrard 1931); Herberton district (Fulton 2001); Barron R. (Jackson 1909); Mt Isa–Cloncurry area (Blake 1979); Charleville area (Breen 1973); w. Qld (Breen 1990); S of Brisbane to Evans Head (Geytenbeek & Geytenbeek 1971). NSW:

Throughout (Campbell 1908); S of Brisbane to Evans Head (Geytenbeek & Geytenbeek 1971); Cunnamulla, Qld, to central NSW (Dixon & Blake 1981); Lower Darling R. (Hercus 1982); Sydney district (Anon. 1905). VIC.: Throughout (Hercus 1986); L. Tyers (Dixon & Blake 1981); w. Vic. (Dawson 1881; Brown 1950); nw. Vic. (Stone 1912, 1913). SA: Throughout (Condon 1955); The Coorong (Tindale 1938); Everard Ras (Goddard & Shurcliff 1986); w. coast (Sullivan 1928). WA: Throughout (Serventy & Whittell 1976); Pallinup R. estuary (Serventy 1926); Geraldton area to Shark Bay (Dixon & Blake 1981); Yandanooka district (Milligan 1905); Pilbara Region (Whitlock 1909); North-West Cape (Carter 1903); Kimberley Div. (Maggalamarra et al. 1991). NT: Port Essington (Chisholm 1945); Alexandra district (Mathews 1909); nw. Arnhem Land (Goodfellow 2001); ne. and