

A Taxonomic List of the Lice (Mallophaga)
known from Birds in New Zealand:
complementary to Pilgrim & Palma (1982)

by R.L.C. Pilgrim & R.L. Palma

In our paper, Pilgrim & Palma (1982) - hereafter referred to as P & P (1982) - we list the lice under the name(s) of the host(s) from which the lice have been taken. For the benefit of those who wish to examine these findings from the standpoint of the parasites rather than of the hosts, the following gives a list of the same lice in taxonomic order. The grouping of genera within families is adopted from Hopkins & Clay (1952).

The hosts from which the louse species have been taken in this survey are numbered as in P & P (1982): i.e. according to the Ornithological Society of New Zealand (1970) Checklist and its (1980) Amendments and Additions. The addition of [Note...] after a louse name or a host number refers to Notes 1-25 at the end of P & P (1982).

Other conventions used here are as in P & P (1982), viz:

"s.l." (= sensu lato) denotes a population in which the lice show a range of measurement and morphological variation considered at present different from the named species, but not sufficiently distinct to warrant the erection of

MALLOPHAGA

separate taxa.

* before a host number denotes a host introduced to New Zealand by human agency.

"sp" after a louse generic name means either: that we have had insufficient material or opportunity to compare our specimens with the types or authenticated specimens; or that the genus requires revision (e.g. Ancistrona, Longimenopon). In both cases we prefer to avoid reporting uncertain records since this is liable to produce confusion or errors in the future.

Additional note: where several host numbers are listed under a louse entry comprising a genus and "sp." (e.g. Philopterus, Saemundssonia, Pectinopygus, Brueelia, Menacanthus, Myrsidea, Austromenopon), it is not to be inferred necessarily that only one undetermined species is found on all the hosts so listed. Indeed, in many instances it is clear that several undetermined or undescribed species are involved.

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ERRATA

in Pilgrim & Palma (1982)

page 3, line 14: for 'wil' read 'will'

page 29, line 3: for 'his host' read 'this host'

AMBLYCERA

Family: MENOPONIDAE

Actornithophilus bicolor (Piaget, 1880):

171

Actornithophilus ceruleus (Timmermann, 1954):

210

Actornithophilus ceruleus (Timmermann, 1954)

s.l.:

208

Actornithophilus grandiceps (Piaget, 1880):

142, 143, 144

Actornithophilus hoplopteri (Mjöberg, 1910)

s.l.:

145

Actornithophilus limosae (Kellogg, 1908):

163

Actornithophilus ochraceus (Nitzsch, 1818)

s.l.:

147 [Note 20], 148

Austromenopon eniki Timmermann, 1963:

69.a

Austromenopon fuscofasciatum (Piaget, 1880):

189, 189.1, 191

Austromenopon himantopi Timmermann, 1954:

183

Austromenopon limosae Timmermann, 1954:

161

Austromenopon lutescens (Burmeister, 1838)

s.l.:

171, 174

Austromenopon meyeri (Giebel, 1874):

163

Austromenopon navigans (Kellogg, 1896):

20.a, 21, 23, 24.a, 24.b

Austromenopon ossifragae (Eichler, 1949):

27, 27.1

Austromenopon paululum (Kellogg & Chapman,

1899):

58, 59.a, 59.b, 59.c, 60, 61, 62, 63,
64, 65.b, 65.c

Austromenopon phaeopodis (Schrank, 1802):

158.a

Austromenopon pinguis (Kellogg, 1896):

20.b, 21, 23, 24.a, 24.b, 26

Austromenopon popellus (Piaget, 1890):

32, 33, 34.a, 34.b, 37, 37.1, 39, 42,
53, 54, 55, 56

Austromenopon popellus (Piaget, 1890) s.l.:

38, 40

Austromenopon stammeri Timmermann, 1963:

46, 47, 48, 49.b, 49.c, 50, 51, 52.a,
52.c

Austromenopon transversum (Denny, 1842):

193, 194, 195

Austromenopon sp. :

37, 45, 70, 172.d, 172.e, 188

Bonomiella columbae Emerson, 1957:

*212

Ciconiphilus decimfasciatus (Boisduval &

Lacordaire, 1835):

90, 92, 93, 95, 97

Ciconiphilus pectiniventris (Harrison, 1916):

*104, *105

Colpocephalum eucarenum Burmeister, 1838:

75

Colpocephalum fregili Denny, 1842:

*282

Colpocephalum leptopygos Nitzsch, 1874:

99

Colpocephalum pilgrimi Price, 1967:

217

Colpocephalum tausi (Ansari, 1951):

*129

Colpocephalum turbinatum Denny, 1842:

119.a, *212

Colpocephalum zerafae Ansari, 1955:

121

Eidmanniella albescens (Piaget, 1880):

77

Eidmanniella pellucida (Rudow, 1869):

79, 80, 83.b, 86.a, 86.b

Eidmanniella pustulosa (Nitzsch, 1866):

76

Eidmanniella subrotunda (Piaget, 1880):

81, 82

Eucolpocephalum femorale (Piaget, 1880):

101

Heteromenopon (Keamenopon) kea (Kellogg, 1907):

214, 216.a, 216.b, 217

Heteromenopon (Keamenopon) sp. :

220

Hohorstiella lata (Piaget, 1880):

*212

Hohorstiella sp.:

211.a

[for Holomenopon clypeilargum Eichler, 1943:

116, see Note 19]

Holomenopon leucoxanthum (Burmeister, 1838):

*104, *105, *108, 111.b

Holomenopon tadornae (Gervais, 1844):

107

Holomenopon sp. :

113, 116 [Note 19]

Kurodaia cryptostigmatia (Nitzsch, 1861):

231

Longimenopon sp. :

37, 39, 41, 42, 45, 46, 47, 48, 49.a,
49.c, 50, 51, 52.c, 69.a

Menacanthus eurysternus (Burmeister, 1838):

258.b, *261, *262, 263, 265.b, 266,
*274, *275, *276

Menacanthus stramineus (Nitzsch, 1818):

*Meleagris gallopavo

Menacanthus sp. :

*128, 239.b, 256.b

Myrsidea thoracica (Giebel, 1874):

*262

Myrsidea sp. :

252, 254, 264, 265.a, 265.b, 266, *268,
*271, *280.a, *280.b

Nosopon lucidum (Rudow, 1869):

119.a

Nosopon sp. :

120

Plegadiphilus plegadis (Dubinin, 1938):

99

Plegadiphilus threskiornis Bedford, 1939:

100

Pseudomenopon concretum (Piaget, 1880):

137

Pseudomenopon pilgrimi Price, 1974:

134.a, 134.b, 134.c

Pseudomenopon pilosum (Scopoli, 1763):

141

Pseudomenopon scopulacorne (Denny, 1842):

131.a

Trinoton nigrum Le Souëf, 1902:

*104

Trinoton querquedulae (Linnaeus, 1758) s.l.:

*105, 107, *108, 109, 110, 113, 116

ISCHNOCERA

Family: LAEMOBOTHRIIDAE

Laemobothrion (Laemobothrion) tinnunculi
(Linnaeus, 1758):

121

Family: RICINIDAE

Ricinus sp. :
254

Family: PHILOPTERIDAE

Acidoproctus gottwaldhirschi Eichler, 1958:
114

Alcedoecus alatoclypeatus (Piaget, 1885) s.l.:
236

Anaticola crassicornis (Scopoli, 1763):
*108

Anaticola crassicornis (Scopoli, 1763) s.l.:
109, 110, 113, 116

Anaticola magnificus Ansari, 1955:
107

Anaticola sp. :
111.a

Anatoecus dentatus (Scopoli, 1763):
*108

Anatoecus dentatus (Scopoli, 1763) s.l.:
107, 109, 110

Anatoecus dentatus magnicornutus Złotorzycka,
1970:
*104

- Anatoecus icterodes (Nitzsch, 1818) s.l.:
 107, *108, 109, 110, 111.a, 113, 114,
 116
- Anatoecus icterodes oloris Złotorzycka, 1970:
 *103, *104
- Anatoecus sp. :
 *104
- Aquanirmus australis Kettle, 1974:
 16
- Aquanirmus sp.:
 15
- Ardeicola expallidus Blagoveshtchensky, 1940:
 92, 93
- Ardeicola pilgrimi Tandan, 1972:
 90
- Ardeicola plataleae (Linnaeus, 1758):
 101
- Ardeicola rhaphidius (Nitzsch, 1866):
 99
- Ardeicola stellaris (Denny, 1842) s.l.:
 97
- Austrogoniodes antarcticus Harrison, 1937:
 7
- [for Austrogoniodes concii (Kéler, 1952):
 12.a, see Note 3]
- Austrogoniodes concii (Kéler, 1952) s.l.:
 6, 14, 14.1, 14.2
- Austrogoniodes cristati Kéler, 1952:
 12.a, 13.a, 13.b, 14, 14.1, 14.2
- Austrogoniodes hamiltoni Harrison, 1937:
 12.a, 13.b, 14.2 [Note 7], [for 14, see
 Note 4; for 14.1, see Note 5]
- Austrogoniodes macquariensis Harrison, 1937:
 12.a, 13.b, [for 14, see Note 4; for
 14.1, see Note 5]
- Austrogoniodes macquariensis Harrison, 1937
 s.l.:
 13.a
- Austrogoniodes mawsoni Harrison, 1937:
 4
- Austrogoniodes strutheus Harrison, 1915:
 14.2 [Note 7]
- Austrogoniodes waterstoni (Cummings, 1914):
 10.a, 10.b, 10.c, 10.d, 10.e, [for 14.2,
 see Note 6]

<u>Austrogoniodes</u> sp. :		<u>Carduiceps cingulatus</u> (Denny, 1842):
6, 13.a		161
<u>Bedfordiella unica</u> Thompson, 1937:	38	<u>Carduiceps cingulatus</u> (Denny, 1842) s.l.:
		163
<u>Brueelia cyclothorax</u> (Burmeister, 1838):	*274	<u>Carduiceps zonarius</u> (Nitzsch, 1866) s.l.:
		174
<u>Brueelia delicata</u> (Nitzsch, 1866):		<u>Chelopistes meleagridis</u> (Linnaeus, 1758):
*268		* <u>Meleagris gallopavo</u>
<u>Brueelia merulensis</u> (Denny, 1842):		<u>Columbicola columbae columbae</u> (Linnaeus,
*262		1758):
<u>Brueelia nebulosa</u> (Burmeister, 1838):		*212
*275		<u>Cyclotogaster heterographus</u> (Nitzsch, 1866):
<u>Brueelia semiannulata</u> (Piaget, 1883):		*122
*280.a, *280.b		<u>Cyclotogaster synoicus</u> (Clay, 1938):
<u>Brueelia</u> sp. :		*125
*243, *261, *262, 265.a, 265.b, 266,		<u>Cuculicola kui</u> Kettle, 1980:
*271, *272, 277.a, 277.b, 279.a, 279.b		227
<u>Campanulotes bidentatus compar</u> (Burmeister,		<u>Degeeriella fusca</u> (Denny, 1842):
1838):		119.a
*212		<u>Degeeriella rufa rufa</u> (Burmeister, 1838):
<u>Capraiella</u> sp. :	238	120, 121
		<u>Docophoroides brevis</u> (Dufour, 1835):
		18.a, 18.b, 19.a, 19.b

Docophoroides harrisoni Waterston, 1917:

20.a, 23, 24.a, 24.b, 24.c

Docophoroides murphyi (Kellogg, 1914):

27, 27.1

Docophoroides simplex (Waterston, 1914):

20.a, 20.b

Docophoroides simplex (Waterston, 1914) s.l.:

21, 26

Episbates pederiformis (Dufour, 1835):

18.a, 19.a, 19.b

Forficuloeacus meinertzhageni Guimarães, 1974:

216.a, 216.b

Forficuloeacus meinertzhageni Guimarães, 1974

s.l.:

217

Forficuloeacus sp. :

220, 221.b, 221.c, 221.d, 222.a, 222.b,
223

Fulicoffula lurida (Nitzsch, 1818):

141

Fulicoffula sp. :

135, 136

Goniocotes chrysocephalus Giebel, 1874:

*128

Goniocotes pusillus (Nitzsch, 1866):

*122

Goniodes colchici Denny, 1842:

*128

Goniodes dispar Burmeister, 1838:

*122

Goniodes pavonis (Linnaeus, 1758):

*129

Goniodes retractus Le Souëf, 1902:

*125

Goniodes stefani Clay & Hopkins, 1955:

*127

Goniodes sp. :

*126

Haffneria grandis (Piaget, 1880) s.l.:

189, 189.1, 191

[*for Halipeurus (Halipeurus) angusticeps*

(Piaget, 1880):

53, see Note 16]

Halipeurus (Halipeurus) consimilis

Timmermann, 1960:

37

Halipeurus (Halipeurus) diversus (Kellogg, 1896):

61, 62, 62.2

Halipeurus (Halipeurus) falsus pacificus

Edwards, 1961:

72.a, 72.b, 72.c

Halipeurus (Halipeurus) gravis priapulus

Timmermann, 1961:

58

Halipeurus (Halipeurus) kermadecensis

(Johnston & Harrison, 1912):

39

Halipeurus (Halipeurus) kermadecensis

(Johnston & Harrison, 1912) s.l.:

34.b

Halipeurus (Halipeurus) leucophryna

Timmermann, 1960:

41, 42, [for 45, see Note 14]

Halipeurus (Halipeurus) mirabilis Thompson,

1940:

59.a, 59.b, 59.c

Halipeurus (Halipeurus) mundae Edwards, 1961:

65.c, 65.d

Halipeurus (Halipeurus) noctivagus

Timmermann, 1960:

34.a

Halipeurus (Synnautes) pelagicus (Denny,

1842) s.l.:

69.a, 69.b, 70, 71

Halipeurus (Halipeurus) placodus Edwards,

1961:

65.b

Halipeurus (Halipeurus) procellariae (J.C.

Fabricius, 1775):

32, 33, 40

Halipeurus (Halipeurus) procellariae (J.C.

Fabricius, 1775) s.l.:

37.1

Halipeurus (Halipeurus) spadix Timmermann,

1961:

63, 64

Halipeurus (Halipeurus) theresae Timmermann,

1969:

45.1

Halipeurus (Halipeurus) thompsoni Edwards, 1961:
60

Halipeurus (Halipeurus) turtur Edwards, 1961:
44 [*for* 49.a, *see Note 15*]

Halipeurus (Halipeurus) sp. :
43.b, 45 [*Note 14*]

Harrisoniella ferox (Giebel, 1867):
20.a, 20.b, 23, 24.a, 24.b

Harrisoniella hopkinsi Eichler, 1952:
18.a, 18.b, 19.a, 19.b

Ibidoecus bisignatus (Nitzsch, 1866):
99

Ibidoecus dianae Tandan, 1958:
100

Ibidoecus plataleae (Denny, 1842):
101

Incidifrons fulicae (Linnaeus, 1758):
141

Incidifrons sp. :
135

Lagopoecus docophoroides (Piaget, 1880):
*127

Lipeurus maculosus maculosus Clay, 1938:
*123, *128

Lunaceps actophilus (Kellogg & Chapman, 1899):
181

Lunaceps drosti Timmermann, 1954:
174

Lunaceps incoenisis (Kellogg & Chapman, 1899)
s.l.:
178

Lunaceps limosella Timmermann, 1954:
161, 163

Lunaceps numenii numenii (Denny, 1842):
157

Lunaceps numenii oliveri (Johnston & Harrison,
1912):
158.a [*Note 22*]
[*for* Lunaceps numenii phaeopi (Denny, 1842):
158.a, *see Note 22*]

Naubates clypeatus (Giebel, 1874):
46

Naubates damma Timmermann, 1961:
43.b, 44

Naubates fuliginosus (Taschenberg, 1882):
53, 54, 55, 56, [*for* 18.b, *see Note 8*]

Naubates harrisoni Bedford, 1930:

58, 59.a, 60

Naubates harrisoni Bedford, 1930 s.l.:

64

Naubates heteroproctus Harrison, 1937:

32 [Note 10], [for 33, see Note 11]

Naubates prioni (Enderlein, 1908):

47, 48, 49.a, 49.b, 49.c, 50, 51, 52.a,
52.c

Naubates pterodromi Bedford, 1930:

37 [Note 12], [for 32, see Note 10]

Naubates sp. :

33 [Note 11]

Neopsitta conirmus kea (Kellogg, 1907):

216.a, 216.b, 217

Nesiotinus demersus Kellogg, 1903:

5

Ornithobius bucephalus (Giebel, 1874):

*103

Ornithobius fuscus Le Souëf, 1902:

*104

Ornithobius goniopleurus Denny, 1842:

*105

Oxylipeurus clavatus (McGregor, 1917):

*126

Oxylipeurus ellipticus Kéler, 1958:

*127

Oxylipeurus mesopelios colchicus Clay, 1938:

*128

Oxylipeurus polytrapezius polytrapezius

(Burmeister, 1838):

*Meleagris gallopavo

Paraclisis diomedae (J.C. Fabricius, 1775):

20.a, 20.b, 21, 23, 24.a, 24.b, 24.c

Paraclisis diomedae (J.C. Fabricius, 1775)

s.l.:

26

Paraclisis hyalina (Neumann, 1911):

18.a, 18.b, 19.a, 19.b

Paraclisis miriceps (Kellogg & Kuwana, 1902)

s.l.:

27.1

Paraclisis obscura (Rudow, 1869):

27, 27.1

Patellinirmus harrisoni Tendeiro, 1972:

211.b

Patellinirmus novaeseelandiae Tendeiro, 1972:

211.a

Pectinopygus annulatus (Piaget, 1880):

78

Pectinopygus australis Thompson, 1948:

75

Pectinopygus bassani (O. Fabricius, 1780):

76

Pectinopygus carunculatus Timmermann, 1964:

84.b

Pectinopygus carunculatus Timmermann, 1964

s.l.:

84.c

Pectinopygus dispar (Piaget, 1880):

82

Pectinopygus garbei (Pessôa & Guimarães,
1935):

77

Pectinopygus gyricornis (Denny, 1842):

79

Pectinopygus punctatus Timmermann, 1964:

86.a

Pectinopygus punctatus Timmermann, 1964 s.l.:

86.b

Pectinopygus setosus (Piaget, 1880):

81

Pectinopygus turbinatus (Piaget, 1890):

85

Pectinopygus varius Timmermann, 1964:

80

Pectinopygus sp. :

83.a, 83.b, 83.c, 84.a, 86.c

Pelmatocerandra setosa (Giebel, 1876):

72.a, 72.b, 72.c

Perineus circumfasciatus Kéler, 1957:

20.a, 20.b, 21, 22, 23, 24.a, 24.b, 24.c,

26 [Note 9]

Perineus concinnoides Kéler, 1957:

18.b, 19.b

[for Perineus concinnus (Kellogg & Chapman,
1899):

26, see Note 9]

Perineus nigrolimbatus (Giebel, 1874):

28

Perineus sp. :

27, 27.1

Philoceanus fasciatus (Carriker, 1958):

70

Philoceanus garrodiae (Clay, 1940):

68

Philoceanus robertsi (Clay, 1940):

67

Philopterus turdi (Denny, 1842):

*261, *262

Philopterus sp. :

*243, 246.a, 246.c, *249, 252, 254,
256.a, 256.b, 257.a, 257.b, 257.d,
279.a, 279.b, *280.a

Pseudonirmus charcoti (Neumann, 1907):

31.a, 31.b

Pseudonirmus gurlti (Taschenberg, 1882):

30.a, 30.b

Pseudonirmus lugubris (Taschenberg, 1882):

29

Quadraceps alpha (Kellogg, 1914):

189.1

Quadraceps auratus (Haan, 1829):

142, 143, 144

Quadraceps birostris (Giebel, 1874):

206

Quadraceps caspius (Giebel, 1874):

199

Quadraceps cedemajori Timmermann, 1969:

150.a, 150.b, 156

Quadraceps charadrii (Linnaeus, 1758):

147 [Note 21]

Quadraceps coenocoryphae Timmermann, 1955:

172.b, 172.c, 172.e

Quadraceps dominella Timmermann, 1953:

148

Quadraceps ellipticus (Nitzsch, 1866) s.l.:

188

Quadraceps hemichrous (Nitzsch, 1866):

183, 184

Quadraceps hopkinsi apophoretus Timmermann,

1969:

210

Quadraceps hopkinsi hopkinsi Timmermann, 1952:

208

Quadraceps houri Hopkins, 1949:

202

Quadraceps normifer (Grube, 1851):

191

Quadraceps novaeseelandiae Timmermann, 1953:

150.b, 155

Quadraceps nychthemerus (Burmeister, 1838):

204

[for Quadraceps orarius (Kellogg, 1896):

147, see Note 21]

Quadraceps ornatus fuscolaminulatus

(Enderlein, 1908):

193

Quadraceps punctatus (Burmeister, 1838) s.l.:

193, 194, 195

Quadraceps renschi Timmermann, 1954:

145

Quadraceps ridgwayi (Kellogg, 1906):

143

Quadraceps sellatus (Burmeister, 1838) s.l.:

201, 205

Quadraceps semifissus (Nitzsch, 1866):

183

Quadraceps strepsilaris (Denny, 1842):

171

Quadraceps sp. :

199.1

Rallicola fulicae (Denny, 1842):

141

Rallicola (Aptericola) gadowi Harrison, 1915:

1.b, [for 1.a, see Note 2]

Rallicola (Aptericola) gadowi Harrison, 1915

s.l.:

1.c, 2

Rallicola (Aptericola) gracilentus Clay, 1953:

3

Rallicola harrisoni Emerson, 1955:

134.a, 134.b, 134.c

Rallicola harrisoni Emerson, 1955 s.l.:

134.d

Rallicola lugens (Giebel, 1874):

137

Rallicola ortygometrae (Schrank, 1781) s.l.:

131.a

Rallicola (Aptericola) pilgrimii Clay, 1972:

2

Rallicola tabuensis Emerson, 1966:

136

Rallicola takahe Holloway, 1956:

138

Rallicola (Apteriscola) sp. :

1.a [Note 2]

Rallicola sp. :

135, 278

Saemundssonia albemarlensis (Kellogg &

Kuwana, 1902):

206

Saemundssonia antarctica (Wood, 1937):

29, 31.a

Saemundssonia bicolor (Rudow, 1870):

28

Saemundssonia cephalus (Denny, 1842):

191

Saemundssonia chathamensis Timmermann, 1977:

155

Saemundssonia conica conica (Denny, 1842):

147

Saemundssonia desolata Timmermann, 1959:

47, 48, 49.b, 49.c, 50, 51, 52.a, 52.c

Saemundssonia gaini (Neumann, 1913):

27, 27.1

Saemundssonia haematopis (Linnaeus, 1758):

142, 143

Saemundssonia hexagona (Giebel, 1874):

74

Saemundssonia lari (O. Fabricius, 1780) s.l.:

193, 194, 195

Saemundssonia limosae (Denny, 1842):

163, [for 174, see Note 23]

Saemundssonia lobaticeps remota Timmermann,

1951:

208

Saemundssonia lockleyi Clay, 1949 s.l.:

201, 202

Saemundssonia marina Timmermann, 1956:

69.a

Saemundssonia melanocephalus (Burmeister,

1838):

204, [for 201, see Note 24]

Saemundssonia nereis Timmermann, 1956:

68

Saemundssonia platygaster (Denny, 1842) s.l.:
150.a, 183

Saemundssonia pterodromae Timmermann, 1959:
38, 46

Saemundssonia puellula Timmermann, 1965:
59.a

Saemundssonia scolopacisphaeopodis
scolopacisphaeopodis (Schrank, 1803):
158.a

Saemundssonia stammeri Timmermann, 1959:
30.a, 30.b

Saemundssonia sternae (Linnaeus, 1758):
205

Saemundssonia stresemanni Timmermann, 1949:
189, 189.1

Saemundssonia thompsoni Timmermann, 1951:
161

Saemundssonia tringae (O. Fabricius, 1780)
s.l.:
174

Saemundssonia upoluensis (Rudow, 1870):
74.1

Saemundssonia sp. :
20.b, 21, 26, 33, 58, 63, 70, [for 45,
see Note 13]

Strigiphilus aitkeni Clay, 1966:
230

Strigiphilus cursitans (Nitzsch, 1861):
*233

Strigiphilus vapidus Clay, 1977:
231

Strigiphilus sp. :
232.b

Sturnidoecus sturni (Schrank, 1776):
*275

Sturnidoecus sp. :
*276, [for 266, see Note 25]

Trabeculus aviator (Evans, 1912):
62.2

Trabeculus flemingi Timmermann, 1959:
64

Trabeculus fuscoclypeatus (Johnston &
Harrison, 1912):
39

Trabeculus hexakon (Waterston, 1914):

53, 54, 55, 56, [for 49.a, see Note 15]

Trabeculus hexakon (Waterston, 1914) s.l.:

34.b, 41, 42, 43.b, 44, 45, 45.1, 58,
59.a, 59.b, 59.c, 61, 62

Trabeculus mirabilis (Kellogg, 1896) s.l.:

65.b, 65.c, 65.d

Trabeculus schillingi Rudow, 1866:

37.1

Trabeculus schillingi Rudow, 1866 s.l.:

32, 33, 37

Trabeculus sp. :

34.a, [for 49.a, see Note 15]

REFERENCES

Hopkins, G.H.E. & Clay, T. 1952. A Checklist of the Genera and Species of Mallophaga. Trustees of the British Museum, London. 362 pages.

Pilgrim, R.L.C. & Palma, R.L. 1982. A list of the chewing lice (Insecta: Mallophaga) from birds in New Zealand. Notornis (Supplement) 29: 1-32. (Also as National Museum of New Zealand Miscellaneous Series No. 6).

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EXPLANATORY NOTES

1. Tandan (1972:68) recorded several specimens of *Apterygon mirum* Clay, 1961 and two males as *Apterygon* sp. *incertae sedis* from this host, suggesting a wrong host record as one of the possible explanations for an apparently abnormal situation. Evidence now available confirms Tandan's suggestion that the host for the above two males was misidentified. It is *Apteryx australis australis*.
2. Clay (1972:73) recorded 42 specimens of *Rallicola gadowi* Harrison, 1915 from this host. Re-examination of the skins from which those lice were collected shows that the hosts were misidentified; they are *Apteryx australis australis*. Further samples of *Rallicola* (*Aptericola*) from *Apteryx australis mantelli* do not include *R. (A.) gadowi*.
3. Clay (1967:154) recorded *Austrogoniodes concii* from this host in "New Zealand — Christchurch", but this record appears to be based on specimens taken from a yearling female, New Brighton, March 1941. The type host of *A. concii* is *Eudyptes chrysocome moseleyi*, type locality Tristan da Cunha. Lice from nine specimens of *Eudyptes chrysocome chrysocome* from the New Zealand subregion have been examined without finding any *A. concii*. Hence, we hold Clay's record in suspense pending confirmation.
4. Clay (1967:154) recorded *Austrogoniodes hamiltoni* Harrison, 1937 and *Austrogoniodes macquariensis* Harrison, 1937 from this host. Our many subsequent samples of *Austrogoniodes* from *E. pachyrhynchus* do not include these two species. We have reason to believe that there is a misinterpretation of the host identity in Clay (1967).
5. Watson (1967:71) recorded *Austrogoniodes hamiltoni* Harrison, 1937 and *Austrogoniodes macquariensis* Harrison, 1937 from this host (then named *Eudyptes pachyrhynchus atratus*). However, we have been unable to find these lice species from this bird again, despite the large number of *Austrogoniodes* collected from The Snares (Horning, Palma & Pilgrim, 1980:8). We regard Watson's records as stragglers on this host.
6. Harrison (1937:15) recorded one female *Austrogoniodes waterstoni* (Cummings, 1914) from this host. We regard this record as a straggler on this host as, in our experience, *A. waterstoni* is confined to *Eudyptula minor* subspecies.
7. We have not seen specimens of this louse species from this host, but we include the record following Clay (1967:154).
8. Wise (1977:62) recorded *Naubates fuliginosus* (Taschenberg, 1882) following Clay & Moreby (1970:217), who listed it from this host (as *Diomedea exulans*) at Macquarie I. As species of the genus *Naubates* are not regular parasites on members of the family Diomedeidae, we regard the above record as straggler.
9. Wise (1977:63) recorded *Perineus concinnus* (Kellogg & Chapman, 1899) following Harrison (1937:29). Pilgrim & Palma (1979:177) showed that it was a misidentification of *Perineus circumfasciatus* Kéler, 1957.
10. Bedford (1930:170) described *Naubates pterodromi* from three females taken from *Pterodroma macroptera*. As *Naubates* females from several species of *Pterodroma* are indistinguishable, males are needed for a correct identification.

- We have found that males from this host fit Harrison's description of *N. heteroproctus* [see Notes 11 and 12].
11. Harrison (1937:30) described *Naubates heteroproctus* from this host, but we have reason to believe that this is an erroneous host record. Subsequent material from *Pterodroma lessonii* is not *N. heteroproctus* [see Notes 10 and 12].
 12. *Naubates* males from this host agree with the male described as *N. pterodromi* in Kéler (1952:213) from *Pterodroma incerta*. It is possible that Kéler's specimens were not conspecific with *N. pterodromi* Bedford, 1930 because males from *Pt. macroptera* (the type host of *N. pterodromi*) are different from males taken from *Pt. incerta*. However, males from *Pt. macroptera* agree with the description of *N. heteroproctus* Harrison, 1937 [see Note 10], and Kéler's use of the name *N. pterodromi* has been followed by several authors. Therefore, considering that females of these *Naubates* species are not diagnostic and that a stable nomenclature is desirable, we use *N. pterodromi* Bedford, 1930 in the sense of Kéler, 1952.
 13. Watt (1971:238, 242) recorded four nymphs of *Saemundssonia* sp. from this host. Re-examination of the material shows that it is a misidentification of *Trabeculus* sp.
 14. Watt (1971:236, 242) recorded many specimens of *Halipeurus leucophryna* Timmermann, 1960 from this host. Re-examination of the material shows that it is not *H. leucophryna*.
 15. We have not seen specimens from this host collected in the New Zealand subregion, but we include three lice species following Watson (1967:70, 72). However, we do not accept two further records of Watson (1967:72, 74) which we regard as stragglers, i.e. *Halipeurus turtur* Edwards, 1961 and *Trabeculus* sp. The latter was published in Harrison (1937: 37) as *Giebelia hexakon* Waterston, 1914.
 16. Wise (1977:60) recorded *Halipeurus* (*Halipeurus*) *angusticeps* (Piaget, 1880) following Harrison (1937:31), who examined one female from this host. Re-examination of Harrison's original material shows that it is a misidentification of *Halipeurus* (*Halipeurus*) *procellariae* (J. C. Fabricius, 1775) which we regard as a straggler on this host.
 17. Kéler (1952:209) listed this bird as one of the recorded hosts for *Ancistriona vagelli* (J. C. Fabricius, 1787) from the Kermadec Is. He presumably meant the closely related Kermadec Storm Petrel, which was formerly numerous on the Kermadec Is (OSNZ, 1970:29). See also entry 69b and Note 18.
 18. We have not seen specimens of this louse genus from this host. We include this record following Johnston & Harrison (1912:364) and Watt (1971:233, 243).
 19. Wise (1977:57) recorded *Holomenopon clypeilargum* Eichler, 1943 following Price (1971:618), who examined one female from this host. Examination of more specimens, including males, shows that they are not *H. clypeilargum*.
 20. Wise (1977:56) recorded *Actornithophilus timidus* (Kellogg, 1896) following Watt (1971:233, 243). We regard this species as a junior synonym of *A. ochraceus*, following Clay (1962:243).

21. Wise (1977:64) recorded *Quadraceps orarius* (Kellogg, 1896) following Johnston & Harrison (1912:368) and Hopkins & Clay (1952:314). We regard this species as a junior synonym of *Q. charadrii*, following J. M. Martens (pers. comm.).
22. Wise (1977:61) recorded this subspecies as *Lunaceps numenii phaeopi* (Denny, 1842) following Emerson (1972:95).
23. Wise (1977:65) recorded *Saemundssonia limosae* (Denny, 1842) following Harrison (1937:21-22, 46), who examined one male from this host. Watson (1967:74) referred to apparently the same material as *Saemundssonia* sp. We have not been able to examine the specimen reported by Harrison.
24. Wise (1977:65) recorded *S. melanocephalus* (Burmeister, 1838) following Harrison (1937:22, 46), who examined males and females from this host (*Sterna vittata macquariensis* = *S. v. bethunei*). Watson (1967:74) referred to apparently the same material as *Saemundssonia* sp. We have not been able to examine any of the specimens reported by Harrison.
25. Watt (1971:238, 244) recorded four nymphs of *Sturnidoecus* sp. from this host. Re-examination of the material shows that it is a misidentification of *Saemundssonia* sp. and probably a contaminant.