

MALLOPHAGA AND ANOPLURA OF SUBANTARCTIC ISLANDS¹

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The following table shows the distribution of Mallophaga and Anoplura and their respective hosts.

CROZET	SOUTH GEORGIA	HEARD	KERGUELEN	MACQUARIE	PRINCE EDWARD (INC. MARION)	MALLOPHAGA
SPHENISCIFORMES						
<i>Aptenodytes patagonica</i>		+		+		* <i>Austrogoniodes brevipes</i> (Giebel, 1876) * <i>Nesiotinus demersus</i> Kellogg, 1903
<i>Aptenodytes forsteri</i>		+				* <i>Austrogoniodes mawsoni</i> Harrison, 1937
<i>Pygoscelis papua</i>		+				* <i>Austrogoniodes gressitti</i> Clay, 1967 <i>A. keleri</i> Clay, 1967 <i>A. macquariensis</i> Harrison, 1937
<i>Pygoscelis adeliae</i>						* <i>A. antarcticus</i> Harrison, 1937 <i>A. bifasciatus</i> (Piaget, 1885)
<i>Pygoscelis antarctica</i>		+				<i>A. gressitti</i> Clay, 1967 <i>A. macquariensis</i> Harrison, 1937
<i>Eudyptes crestatus</i>	+	+	+	+	+	* <i>A. concii</i> (Kéler, 1952) <i>A. cristati</i> Kéler, 1952 <i>A. hamiltoni</i> Harrison, 1937 <i>A. macquariensis</i> Harrison, 1937 <i>A. keleri</i> Clay, 1967
<i>Eudyptes chrysolophus</i>		+	+	+	+	* <i>A. bicornutus</i> (Kéler, 1954) <i>A. macquariensis</i> Harrison, 1937 <i>A. keleri</i> Clay, 1967 <i>A. concii</i> (Kéler, 1952) <i>A. cristati</i> Kéler, 1952 ° <i>A. demersus</i> Kéler, 1952 <i>A. gressitti</i> Clay, 1967
<i>Eudyptes c. schlegeli</i>			+			<i>A. hamiltoni</i> Harrison, 1937 +
<i>Eudyptes pachyrhynchus</i>				+		<i>A. ?struthaeus</i> Harrison, 1915 <i>A. cristati</i> Kéler, 1952 <i>Austrogoniodes concii</i> (Kéler, 1952) <i>A. hamiltoni</i> Harrison, 1937 <i>A. macquariensis</i> Harrison, 1937

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	CROZET	SOUTH GEORGIA	HEARD	KERGUELEN	MACQUARIE	PRINCE EDWARD (INC. MARION)
<hr/>						
PROCELLARIIFORMES						
<i>Diomedea exulans</i>	+					
	++					
	+++			+		
	++			+		
	++			+		
	++			+	+	
<i>Diomedea melanophris</i>	+					
	+					
	+					
	+					+
	+					
<i>Diomedea chrysostoma</i>	+					
	+					
	+					
<i>Phoebetria fusca</i>						
<i>Phoebetria palpebrata</i>	+			+	+	
				+		
<i>Macronectes giganteus</i>				+		
				+		
				+	+	
				+		
<i>Daption capense</i>				+	+	+
				+		+
				+	+	
<i>Fulmarus glacialisoides</i>						
<i>Halobaena caerulea</i>				+		
				+		
				+	+	

- **Austromenopon affine* (Piaget, 1890)
- **Perineus concinnooides* Kéler, 1957
- **Paraclysis hyalina* (Neumann, 1911)
- **Harrisoniella hopkinsi* Eichler, 1952
- H.* sp. Nymphs only
- **Naubates fuliginosus* (Taschenberg, 1882)
- **Episbates pederiformis* (Dufour, 1835)
- **Docophoroidea brevis* (Dufour, 1835)
- Austromenopon affine* (Piaget, 1890)
- **Perineus circumfasciatus* Kéler, 1957
- **Paraclysis diomedae* (J.C. Fabricius, 1775)
- **Harrisoniella ferox* (Giebel, 1867)
- **Docophoroidea harrisoni* Waterston, 1917
- **D. simplex* (Waterston, 1914)
- Austromenopon affine* (Piaget, 1890)
- Perineus circumfasciatus* Kéler, 1957 sens. lat.
- Paraclysis diomedae* (J.C. Fabricius, 1775)
- Docophoroidea harrisoni* Waterston, 1917
- D. simplex* (Waterston, 1914)
- Paraclysis diomedae* (J.C. Fabricius, 1775)
- Naubates fuliginosus* (Taschenberg, 1882)
- Perineus circumfasciatus* Kéler, 1957
- Paraclysis diomedae* (J.C. Fabricius, 1775)
- Naubates fuliginosus* (Taschenberg, 1882)
- Docophoroidea murphyi* (Kellogg, 1914)
- **Austromenopon ossifragae* (Eichler, 1949)
- Perineus circumfasciatus* Kéler, 1957
- **Paraclysis obscura* (Rudow, 1869)
- Harrisoniella hopkinsi* Eichler, 1952
- **Trabeculus heteracanthus* (Waterston, 1912)
- = *T. schillingi* Rudow, 1866 sens. lat.
- **Docophoroidea murphyi* (Kellogg, 1914)
- **Saemundssonia gaini* (Neumann, 1913)
- **Austromenopon daptionis* (Eichler, 1949)
- **Ancistriona procellariae* (Westwood, 1874)
- Perineus nigrolimbatus* (Giebel, 1874)
- **Pseudonirmus gurlii* (Taschenberg, 1882)
- **Naubates testaceus* (Taschenberg, 1882)
- **Saemundssonia stammeri* Timmermann, 1959
- Austromenopon brevifimbriatum* (Piaget, 1880)
- Ancistriona* sp.
- Perineus nigrolimbatus* (Giebel, 1874)
- Paraclysis diomedae* (J. C. Fabricius, 1775)
- Harrisoniella chilensis* Carricker, 1964
- Saemundssonia bicolor* (Rudow, 1870)
- Ancistriona* sp.
- **Naubates clypeatus* (Giebel, 1874)
- Saemundssonia pterodromae* Timmermann, 1959

	CROZET	SOUTH GEORGIA	HEARD	KERGUELEN	MACQUARIE	PRINCE EDWARD (INC. MARION)	
<i>Pachyptila salvini</i>							No records
<i>Pachyptila forsteri</i>							<i>Ancistrona</i> sp.
							<i>Paraclysis diomedae</i> (J.C. Fabricius, 1775)
							<i>Bedfordiella simsi</i> Timmermann, 1961.
							<i>Naubates prioni</i> (Enderlein, 1908)
							* <i>Saemundssonia desolata</i> Timmermann, 1959
							<i>Austromenopon stammeri</i> Timmermann, 1963
							<i>Naubates prioni</i> (Enderlein, 1908)
							<i>Saemundssonia desolata</i> Timmermann, 1959
<i>Pachyptila belcheri</i>							<i>Ancistrona</i> sp.
							<i>Longimenopon galeatum</i> Timmermann, 1957.
<i>Pachyptila desolata</i>	+	+					* <i>Naubates prioni</i> (Enderlein, 1908)
			+				<i>Halipeurus turtur</i> Edwards, 1961
	+	+	+	+			* <i>Saemundssonia desolata</i> Timmermann, 1959
					+		* <i>Austromenopon stammeri</i> Timmermann, 1963
<i>Pachyptila turtur</i>			+	+			<i>Naubates prioni</i> (Enderlein, 1908)
							* <i>Halipeurus turtur</i> Edwards, 1961
							<i>Saemundssonia desolata</i> Timmermann, 1959
<i>Pachyptila crassirostris</i>							No records
<i>Thalassoica antarctica</i>							* <i>Austromenopon oschei</i> Timmermann, 1963
							<i>Ancistrona</i> sp.
			+				* <i>Pseudonirmus lugubris</i> (Taschenberg, 1882)
<i>Adamastor cinereus</i>	+						<i>Saemundssonia nivea</i> Timmermann, 1956
							* <i>Austromenopon longithoracicum</i> (Piaget, 1880)
							<i>Naubates fuliginosus</i> (Taschenberg, 1882)
							<i>Trabeculus hexacon</i> (Waterston, 1914)
							<i>Ancistrona</i> sp.
<i>Procellaria aequinoctialis</i>	+		+				<i>Naubates fuliginosus</i> (Taschenberg, 1882)
	+		+				* <i>Trabeculus hexacon</i> (Waterston, 1914)
							<i>Docophoroides simplex</i> (Waterston, 1914)
<i>Puffinus griseus</i>				+			<i>Austromenopon paululum</i> (Kellogg & Chapman, 1899)
				+			<i>Halipeurus diversus</i> (Kellogg, 1896)
<i>Pterodroma macroptera</i>				+			<i>Trabeculus hexacon</i> (Waterston, 1914)
							* <i>Naubates pterodromi</i> Bedford, 1930
							<i>Naubates heteroproctus</i> Harrison, 1937
							* <i>Halipeurus procellariae</i> (J. C. Fabricius, 1775)
							<i>Trabeculus schillingi</i> Rudow, 1866
<i>Pterodroma lessonii</i>			+				* <i>Naubates heteroproctus</i> Harrison, 1937
			+				<i>Halipeurus procellariae</i> (J. C. Fabricius, 1775)
			+				<i>Trabeculus schillingi</i> Rudow, 1866
			+				<i>Saemundssonia</i> sp.
<i>Pterodroma brevirostris</i>							* <i>Bedfordiella unica</i> Thompson, 1937
							* <i>Saemundssonia pterodromae</i> Timmermann, 1959
<i>Pterodroma mollis</i>			+				<i>Halipeurus procellariae</i> (J. C. Fabricius 1775)
			+				<i>Halipeurus heraldicus</i> Timmermann, 1960
			+				* <i>Trabeculus schillingi</i> Rudow, 1866
							* <i>Saemundssonia enderleini</i> (Eichler, 1949)

	CROZET	SOUTH GEORGIA	HEARD	KERGUELEN	MACQUARIE	PRINCE EDWARD (INC. MARION)
<i>Pagodroma nivea</i>						<i>Austromenopon daptionis</i> (Eichler, 1949) <i>Ancistrona</i> sp.
	+	+				* <i>Pseudonirmus charcoti</i> (Neumann, 1907) * <i>Saemundssonia nivea</i> Timmermann, 1956
<i>Oceanites oceanicus</i>		+				<i>Halipeurus pelagicus</i> (Denny, 1842) * <i>Philoceanus robertsi</i> (Clay, 1940) <i>Saemundssonia marina</i> Timmermann, 1956
<i>Fregetta tropica</i>						<i>Halipeurus pelagicus</i> (Denny, 1842) * <i>Philoceanus fasciatus</i> (Carriger, 1958)
<i>Garrodia nereis</i>			+			* <i>Philoceanus garrodiiae</i> (Clay, 1940) * <i>Saemundssonia nereis</i> Timmermann, 1950
<i>Pelecanoides georgicus</i>	+	+				* <i>Pelmatocerandra enderleini</i> Eichler, 1949
<i>P. "georgicus" of 15. IV.1963 16. prob- ably wrongly iden- tified.</i>	+					<i>P. setosa</i> (Giebel, 1876)
<i>Pelecanoides u. urinatrix</i>			+	+	+	<i>Halipeurus falsus pacificus</i> Edwards, 1961 <i>Pelmatocerandra setosa</i> (Giebel, 1876)
<i>Pelecanoides urinatrix exsul</i>	+		+			Austromenopon elliotti Timmermann, 1954 * <i>Pelmatocerandra setosa</i> (Giebel, 1876)
PELECANIFORMES						No records
<i>Phalacrocorax verrucosus</i>						* <i>Piagetilla caputincisa</i> (Eichler, 1950)
<i>Phalacrocorax atriceps</i>		+				<i>Pectinopygus turbinatus</i> (Piaget, 1890)
<i>Phalacrocorax albiventer</i>						<i>Eidmanniella pellucida</i> (Rudow, 1869)
ANSERIFORMES						<i>Piagetilla caputincisa</i> (Eichler, 1950)
<i>Anas acuta</i>						<i>Pectinopygus turbinatus</i> (Piaget, 1890)
<i>Anas georgicus</i>		+				<i>Trinoton querquedulae</i> (Linn., 1758)
<i>Anas superciliosa</i>		+				<i>Holomenopon</i> sp.
						<i>Anaticola crassicornis</i> (Scopoli, 1763)
<i>Chloephaga leucoptera</i>						<i>Anatoecus dentatus</i> (Scopoli, 1763)
"Teal"	+					<i>A. icterodes</i> (Nitzsch, 1818)
CHARADRIIFORMES						<i>A. sp.</i> Nymphs and ♀ only.
<i>Chionis alba</i>	+					<i>A. sp.</i> ♀ only.
<i>Chionis minor</i>		+	+		+	<i>Trinoton querquedulae</i> (Linn., 1758)
		+				<i>Holomenopon</i> sp.
	+					<i>Anatoecus dentatus</i> (Scopoli, 1763)
	+					<i>A. icterodes</i> (Nitzsch, 1818)
	+					* <i>Anaticola marginella</i> (Piaget, 1885)
						<i>Anatoecus</i> sp.
						<i>Anaticola</i> sp. Nymph only.
						* <i>Quadraceps ornatus antarcticus</i> Timmermann, 1952
						<i>Actornithophilus pauliani</i> Séguy, 1954
						* <i>Quadraceps vaginalis</i> Timmermann, 1963
						* <i>Saemundssonia australis</i> Timmermann, 1955

	CROZET	SOUTH GEORGIA	HEARD	KERGUELLEN	MACQUARIE	PRINCE EDWARD (INC. MARION)
<i>Catharacta skua</i>						
	+	+	+	+	+	
<i>Larus dominicanus</i>				+	+	
<i>Sterna vittata</i>				+	+	
<i>Sterna virgata</i>				+	+	
<i>Sterna macrura</i>					+	
GRUIFORMES						
<i>Gallirallus australis</i>						
PASSERIFORMES						
<i>Anthus antarcticus</i>						No records
<i>Acanthis cannabina</i>						No records
<i>Sturnus vulgaris</i>						* <i>Myrsidea cucullaris</i> (Nitzsch, 1818)
CARNIVORA						* <i>Menacanthus mutabilis</i> Blagoveshtchensky 1940
(Pinnipedia)						* <i>M. himalayicus</i> Ansari, 1951
Otariidae (Otariinae)						* <i>Brueelia nebulosa</i> (Burmeister, 1838)
<i>Phocarctos hookeri</i>						* <i>Sturnidoecus sturni</i> (Schrank, 1776)
Otariidae						ANOPLURA
(Arctocephalinae)						
<i>Arctocephalus tropicalis</i>						
<i>Arctocephalus forsteri</i>						No record
Phocidae (Monachinae)						No record
<i>Leptonychotes weddelli</i>						
<i>Lobodon carcinophagus</i>						<i>Antarctophthirus ogmorrhini</i> Enderlein, 1906
<i>Hydrurga leptonyx</i>						* <i>A. lobodontis</i> Enderlein, 1906
<i>Ommatophoca rossi</i>						* <i>A. ogmorrhini</i> Enderlein, 1906
Phocidae (Cystophorinae)						* <i>A. mawsoni</i> Harrison, 1937
<i>Mirounga leonina</i>		+	+	+	+	* <i>Lepidophthirus macrorhini</i> Enderlein, 1904.

*Type host of species

°May = °*A. struthaeus* Harrison, 1915, see Clay, 1967: 153.