

SIPHONAPTERA OF SOUTH GEORGIA AND HEARD ISLAND¹

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Abstract: Two species of bird-fleas have been found on Heard I., one of which also has been found on South Georgia.

Family PYGIOPSYLLIDAE

Notiopsylla kerguelensis (Taschenberg, 1880)

SOUTH GEORGIA: 1 ♂, From black-backed gull *Larus dominicanus*, R. C. Murphy (Jordan & Rothschild 1914: 223; Schaeffer 1914: 90); 1 ♀, from soil of burrow of dove prion (or whale-bird) *Prion banksi* [= *Pachyptila desolata*], R. C. Murphy (Jordan & Rothschild 1914: 223; Schaeffer 1914: 90; Murphy 1936: 628); 1 ♂, King Edward Point, Grytviken Peninsula, from nest of white-chinned petrel, *Procellaria aequinoctialis*, 12-14.XI.1963, H. B. Clagg; 5 ♂♂, 3 ♀♀, Bird I. (just off the main island, to the NW), from dove prion, *Pachyptila desolata*, 11.I.1959, W. L. N. Ticknell.

HEARD I.: From giant petrel *Macronectes giganteus*, A. N. A. R. E. (de Meillon 1952: 7).

This parasite of gulls and petrels is widely distributed throughout the subantarctic region, being known from the Snares Is. (from muttonbird *Puffinus griseus*), Auckland Is. (from white-headed petrel *Pterodroma lessoni* and Kerguelen diving petrel *Pelecanoides urinatrix exsul*), Campbell I. (from muttonbird), Macquarie I. (from muttonbird, dove prion *Pachyptila desolata* and black-backed gull *Larus dominicanus*), South Georgia (hosts: see above), Possession I. (Crozet Is.) (from white-chinned petrel *Procellaria aequinoctialis*), Kerguelen Is. (from gray petrel *Adamastor cinereus*, blue petrel *Halo-baena caerulea* and Kerguelen diving petrel) and Heard I. (host: see above).

Three other species of *Notiopsylla* have a much more restricted distribution and are only known from the New Zealand region.

Family RHOPALOPSYLLIDAE

Parapsyllus magellanicus Jordan, 1938

HEARD I.: 6 ♂♂, 11 ♀♀, Cape Gazert, nest of giant petrel *Macronectes giganteus*, 20.XII.1949 (de Meillon 1952: 5); 2 ♂♂, 7 ♀♀, Atlas Cove, burrows of dove prion *Pachyptila desolata*, 17.XII.1949 (de Meillon 1952: 6); 4 ♀♀, Atlas Cove, nest of southern skua *Stercorarius skua loennbergi*, 26.XII.1949 (de Meillon 1952: 6); 1 ♂, 1 ♀, Rogers Head, nest of light-mantled sooty albatross *Phoebastria palpebrata*, 20.I.1950 (de Meillon 1952: 5); 1 ♂, 2 ♀♀, Jacka Valley, nest of cape pigeon *Daption capensis*, 25.V.1950; 6 ♂♂, 7 ♀♀, Poly Gully, nest of dove prion *Pachyptila desolata*, 8 & 9.II.1965, P. Temple.

This species, which is associated with flying sea-birds as well as with penguins, also has a wide subantarctic distribution and has been recorded from the Auckland Is. (from Gray's shag *Phalacrocorax carunculatus chalconotus*), Macquarie I. (from rockhopper penguin *Eudyptes cristatus* and white-headed petrel *Pterodroma lessoni*), Falkland Is. (from narrow-billed prion *Pachyptila belcheri* and jackass penguin *Spheniscus magellanicus*), Marion I. (from macaroni penguin *Eudyptes chrysolophus*), Kerguelen

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Is. (from blue petrel *Halobaena caerulea*, long-winged petrel *Pterodroma macroptera*, giant petrel *Macronectes giganteus*, light-mantled sooty albatross *Phoebastria palpebrata*, Kerguelen cormorant *Phalacrocorax verrucosus*, southern skua *Catharacta skua loennbergi* and rockhopper penguin *Eudyptes cristatus*) and Heard I. (hosts: see above).

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