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AUSTRALASIAN ANTARCTIC EXPEDITION

1911-14.

UNDER THE LEADERSHIP OF SIR DOUGLAS MAWSON, O.B.E., B.E., D.Sc., F.R.S.

SCIENTIFIC REPORTS.

SERIES C.—ZOOLOGY AND BOTANY.

Edited by Professor T. Harvey Johnston,
University of Adelaide.

VOL. II. PART 5.

AMPHIPODA HYPERIIDEA

BY

DR. K. H. BARNARD,
SOUTH AFRICAN MUSEUM, CAPE TOWN.

PRICE: ONE SHILLING AND SIXPENCE.

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AMPHIPODA HYPERIIDEA

BY

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SOUTH AFRICAN MUSEUM, CAPE TOWN.

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OF THE

AUSTRALASIAN ANTARCTIC EXPEDITION.

By K. H. BARNARD, D.Sc., F.L.S. (South African Museum, Cape Town).

I am much indebted to Sir Douglas Mawson for the opportunity of examining the Hyperiid Amphipoda of the Australasian Antarctic Expedition. The collection is a small one containing only seven species; but every additional locality record of these pelagic species is valuable and the data connected with their capture should be published. Unfortunately these data are not as full and precise as could be desired. The collection was originally submitted to the late Dr. Chilton, and it seems that after his death several of his MSS. notes, which probably would have afforded supplementary details, went astray.*

I have also to thank Prof. G. E. Nicholls for forwarding the collection and supplying me with information.

FAMILY VIBILIIDAE.

Gen. VIBILIA M. Edw.

VIBILIA ARMATA Bov.

Barnard, 1932, "Discovery" Rep., vol. 5, p. 264 (references).

Macquarie Island, townet, 2 fathoms, 21st June, 1912, 1♀; C12, 1♀.

VIBILIA PROPINQUA Stebb.

Barnard, 1930, "Terra Nova" Rep., vol. 8, p. 404; and 1932, *l.c.*, p. 263.

Macquarie Island, townet, 100 fathoms, 10th January, 1914, 3♀♀ 7-8 mm., 1♀ 10 mm.

* C10, C12, C28, C30, C31, C33 represent localities at or near Macquarie Island, but more exact information appears to have been lost. [EDITOR.]

AUSTRALASIAN ANTARCTIC EXPEDITION.

*Gen. CYLLOPUS Dana.*CYLLOPUS MAGELLANICUS *Dana.*Barnard, 1930, *l.c.*, p. 408 (references) and 1932, *l.c.*, p. 266.

C30, 34♂♂ :—C33, 3♀♀ (1 ovigerous, 1 spent); 30 miles off Macquarie Island, 1912, 2♀♀.

FAMILY HYPERIIDAE.

*Gen. HYPERIELLA Bov.*HYPERIELLA DILATATA *Stebb.*Barnard, 1932, *l.c.*, p. 274, fig. 161 (chart of distribution).

Macquarie Island, townet, 30 fathoms, 6th January, 1914, 1♂, 6♀♀; townet, 2 fathoms, 8 a.m., 18-19 June, 1912, 1♂; C10, 59♀♀; Boat Harbour, Commonwealth Bay, King George V Land, 3 fathoms (Dr. McLean), 1913, 1 ovigerous ♀.

*Gen. PARATHEMISTO Boeck.*PARATHEMISTO (PARATHEMISTO) GAUDICHAUDII (*Guer.*).Barnard, 1930, *l.c.*, p. 420, and 1932, *l.c.*, p. 280.

Macquarie Island, townet, night, 11th June, 1912, E. R. Waite, 1♀ (short-legged form); C31, 10♀♀ (long-legged form).

FAMILY PHRONIMIDAE.

*Gen. PHRONIMA Latr.*PHRONIMA SEDENTARIA (*Forsk.*).Barnard, 1932, *l.c.*, p. 283 (references).

Macquarie Island, townet, night, 11th June, 1912, E. R. Waite, 1♀, 16 mm.; C28, 1♀, 23 mm.

FAMILY PHROSINIDAE.

*Gen. PRIMNO Guer.*PRIMNO MACROPA *Guer.*Barnard, 1932, *l.c.*, p. 287 (references).

Macquarie Island, townet, 2 fathoms, 21st June, 1912, 1 juv.

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The Reports on the Birds, Mammals and certain Invertebrata will be included in the records of the British, Australian and New Zealand Antarctic Expedition of 1929-1931 as joint reports.

ERRATUM.

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