

Revision of Southern Hemisphere *Austronanus* Hodgson, 1910, with two new genera and five new species of Paramunnidae (Crustacea: Isopoda: Asellota)

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ABSTRACT

Paramunnid species of Southern Hemisphere cold-water *Austronanus* Hodgson, 1910 and related genera are characterised by simple, smooth, flattened, rather elongate oval bodies, a broadly projecting frontal head margin, well-developed, short, mostly distally bulging eyestalks with ommatidia, pereonites with lateral margins contiguous, rounded or truncate, and dorsally visible coxae V–VII. Just and Wilson (2004) rejected synonymy of *Austronanus* with *Paramunna* Sars proposed by Nordenstam (1933), following a revision of the latter genus. The type species, *Austronanus glacialis* Hodgson, 1910, is re-described based on topotypic material from McMurdo Sound, Antarctica, (the holotype is a small manca). The types of *Paramunna dentata* Nordenstam, 1933 and *P. dubia* Hale, 1937 are re-described and the two species referred to *Austronanus* together with three new Antarctic and subantarctic species, *A. aucklandensis*, *A. gelidus* and *A. mawsoni*. *Paramunna patagoniensis* Winkler, 1994 is redescribed and made the type species of a new genus, *Xigonus*. A new genus, *Stephensiellus*, is established for two new species from the subantarctic islands south of New Zealand and Australia, *S. palliolatipes* (type species) from Macquarie Island, and *S. serraticornis* (originally reported by Stephensen, 1927 as “*Paramunna (serrata)* (Richardson)”) from Auckland Island.

Key words. Isopoda, Asellota, Paramunnidae, *Austronanus* complex, southern hemisphere.

INTRODUCTION

Hodgson (1910) described a new genus and species of Paramunnidae, *Austronanus glacialis*, from McMurdo Sound, Antarctica, based on a single tiny manca of 0.7 mm. Subsequently Nordenstam (1933) placed *Austronanus* in synonymy with *Paramunna* Sars, 1866. Until now, no further material of the genus has been reported.