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The tryphosine genus *Cheirimedon* in Australian waters (Crustacea, Amphipoda, Lysianassidae, Tryphosinae)

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Abstract

The genus *Cheirimedon* is reviewed and the monotypic genus *Tryphosoides* placed in its synonymy. We describe fourteen new species of *Cheirimedon*, all from Australian waters, bringing the total number of species in the genus to 22. Full synonymies and distribution data are provided for all taxa. A key to the world species is provided.

Key words: Australia, Antarctica, New Zealand, South America, Amphipoda, *Cheirimedon*, Lysianassidae, *Tryphosoides*, new species

Introduction

Cheirimedon is currently a small genus containing eight described species, all of which have Antarctic distributions, except for *C. cansada* (J.L. Barnard, 1961), which has been recorded from the east and west coasts of New Zealand (J.L. Barnard 1961, Kilgallen 2009) and *C. foscae* Siqueira & Serejo, 2014 from the south-west Atlantic. *Tryphosoides* is a monotypic genus, described for the species *T. falcata* Schellenberg, 1931 from the Páramo peninsula, Tierra del Fuego (Schellenberg, 1931). Neither genus has been previously reported from Australian waters.

Among the collections in the Australian Museum, Museum Victoria and the South Australian Museum we identified a number of species which could be placed in one or the other genus. After careful consideration, we synonymise *Tryphosoides* with *Cheirimedon* and describe 14 new species in this paper. Three Antarctic species of *Cheirimedon* (*C. fougneri* Walker, 1903; *C. similis* Thurston, 1974a; and *C. solidus* Andres, 1986) do not fit the *Cheirimedon* concept and are transferred to the new genus *Debroyerella* Lowry & Kilgallen, 2015 in a separate paper.