



Ceinidae*

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Abstract

Ceina gerlachae **sp. nov.** is described. It differs in the habitus from the closely related *Ceina carinata* (Pirlot) in the rounded anterior process of pereonite 1, an upright carina on pleonite 1, a short process on pleonite 3 and a few characters on the maxillipeds.

Key words: Crustacea, Amphipoda, Ceinidae, Great Barrier Reef, Australia, taxonomy, new species, *Ceina gerlachae*

Introduction

The genus *Ceina* previously comprised only four species, which were classified until 1972 as Phliantidae. From these they differ by laterally compressed rather than dorsoventrally depressed bodies and an unflexed urosome. J.L. Barnard 1972 erected the family Ceinidae.

Only one species of *Ceina* has been previously recorded from Australia: *Ceina wannape* Barnard, 1972.

Materials and methods

The descriptions were generated from a DELTA database (Dallwitz 2005). All material is lodged in the Australian Museum, Sydney (AM). A set of colour plates, a list of standard abbreviations and detailed station data is available in Lowry & Myers (2009). Illustrations were made using the methods described in Coleman (2003, 2006). A CD (*Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier Reef: Interactive Keys*) is available with the book or the keys can be accessed at the crustacea.net website.

Ceinidae J.L. Barnard, 1972

Ceina Della Valle, 1893

Ceina gerlachae **sp. nov.**

(Figs 1, 2)

Type material. Holotype male, 5 mm, AM P75543, Steves bommie, near Two Trees Islet, outer reef, One Tree Island (23°29.059'S 152°5.452'E), coral rubble, 13.6 m, L. Hughes & J.K. Lowry, 27 October 2006 (QLD 1971).