



Iciliidae*

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Abstract

One species of iciliid amphipod, *Icilius caledoniana* Watson, Lowry & Steinberg, 2004, is reported from the northern Great Barrier Reef, Queensland, Australia, living on the calcareous green alga, *Halimeda* sp.

Key words: Crustacea, Amphipoda, Iciliidae, Great Barrier Reef, Australia, taxonomy, *Icilius caledoniana*

Introduction

Watson, Lowry & Steinberg (2004) recently revised the family Iciliidae. They reported one species from northern Borneo, one species from New Caledonia and five species from eastern Australia, but none from the Great Barrier Reef. In this paper we report one species, *Icilius caledoniana* Watson, Lowry & Steinberg, 2004, from the northern part of the Great Barrier Reef. Watson *et al.* (2004) showed that iciliids are suspension feeders. They are often found living on finger sponges which act as an excellent feeding platform. In this case *I. caledoniana* was found living on the green calcareous alga, *Halimeda* sp.

Materials and methods

The descriptions were generated from a DELTA database (Dallwitz 2005) to the iciliid species of the world. All material collected by epibenthic sled and 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). 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.

Iciliidae Dana, 1849

Icilius Dana, 1849

Icilius caledoniana Watson, Lowry & Steinberg, 2004

(Figs 1, 2)

Icilius caledoniana Watson, Lowry & Steinberg, 2004: 476, figs 7–8.