Zootaxa 2260: 487–493 (2009)
www.mapress.com/zootaxa/

Article

ISSN 1175-5326 (print edition)
ZOOTAXA
ISSN 1175-5334 (online edition)

Kamakidae*

ALAN A. MYERS
Department of Zoology, Ecology and Plant Science, National University of Ireland Cork, Enterprise Centre, Lee Fields, Cork, Ireland. (bavayia@googlemail.com)

* *In*: Lowry, J.K. & Myers, A.A. (Eds) (2009) Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier Reef, Australia. *Zootaxa*, 2260, 1–930.

Abstract

Two new species of kamakids are reported from Lizard Island, Great Barrier Reef, Australia. One is attributed to the genus *Gammaropsella* Myers, the other to *Kamaka* Derzhavin.

Key words: Crustacea, Amphipoda, Kamakidae, Great Barrier Reef, Australia, taxonomy, new species, *Gammaropsella saepta*, *Kamaka silvana*

Introduction

The Kamakidae are found primarily in tropical seas but also in the Mediterranean and in the deep sea. The family Kamakidae was erected by Myers & Lowry (2003). The two genera reported here belong to the subfamily Kamakinae, which is characterised by strongly produced head lateral lobes that completely enclose the eye. They are tube-dwelling corophioid amphipods, but we know little about their way of life.

Material and methods

The descriptions were generated from a DELTA database (Dallwitz 2005) to kamakid species. Material was hand-collected on scuba and by kick-net sampling in mangroves. 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). 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.

Kamakidae Myers & Lowry, 2003

Remarks. The family Kamakidae includes genera with fused urosomites (*Kamaka*) as well as genera with free urosomites (*Gammaropsella*). The diagnosis in Myers & Lowry (2002) is in error and should be corrected in this respect.

Accepted by J.K. Lowry: 15 Jun. 2009; published: 8 Oct. 2009