



Bolttsiidae*

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Abstract

The family Bolttsiidae is reported for the first time outside of Africa. *Bolttsia myersi* is described from among mangrove roots at Lizard Island on the Great Barrier Reef, Australia.

Key words: Crustacea, Amphipoda, Bolttsiidae, Great Barrier Reef, Australia, taxonomy, new species, *Bolttsia myersi*

Introduction

There are four large freshwater coastal lakes north of Richards Bay on the east coast of South Africa and south-eastern Mozambique. Allanson *et al.* (1966) reported on the “trapped” estuarine fauna of one of these lakes, Lake Sibaya. Based on these collections Griffiths (1976) described the genus and species *Bolttsia minuta*, raised to family level by Barnard & Karaman (1987). Vivier & Cyrus (1999) subsequently reported *B. minuta* from Lake Nhlabane, the southern-most of these coastal lakes.

Unexpectedly, during the Lizard Island Amphipod Workshop in February 2005, Alan Myers collected the second species of *Bolttsia* among mangrove roots in Ferriers Creek, Lizard Island on the Great Barrier Reef. This is the first record of the estuarine bolttsiids outside of Africa.

Material and methods

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.