



## Paracalliopiidae\*

L.E. HUGHES

Crustacea section, Australian Museum, 6 College Street, Sydney, New South Wales, 2010, Australia.  
(lauren.hughes@austmus.gov.au)

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### Abstract

Two described species of paracalliopiid are recorded from the Great Barrier Reef. *Doowia dexteræ* Barnard & Drummond is known from southern and northern Queensland. *Yhi yindi* Barnard & Thomas is known only from the type locality, Orpheus Island, Great Barrier Reef, Queensland, Australia.

**Key words:** Crustacea, Amphipoda, Paracalliopiidae, Great Barrier Reef, Australia, taxonomy, *Doowia dexteræ*, *Yhi yindi*

### Introduction

The Paracalliopiidae are fossorial amphipods with a post Gondwanan distribution. This paper reports on two described species, *Doowia dexteræ* Barnard & Drummond, 1987 and *Yhi yindi* Barnard & Thomas, 1991. Recent collections of *Doowia dexteræ* from Lizard Island extend the distribution of this species from the southern to northern Queensland. *Yhi yindi* Barnard & Thomas, 1991 is known only from the type locality, Orpheus Island.

### Materials and methods

The descriptions were generated from a DELTA database (Dallwitz 2005) to the paracalliopiid genera and species of the world. Material was hand-collected on scuba and is lodged in the Australian Museum, Sydney (AM), Museum Victoria, Melbourne (NMV) and the National Museum of Natural History, Washington, DC (USNM). A set of colour pictures, 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.

### Paracalliopiidae Barnard & Karaman, 1982

#### *Doowia* Barnard & Drummond, 1987

#### *Doowia dexteræ* Barnard & Drummond, 1987

(Figs 1, 2)

*Doowia dexteræ* Barnard & Drummond, 1987:123, figs 5–6. —Lowry & Stoddart, 2003: 205 (catalogue).