

# THE CIROLANIDAE (CRUSTACEA: ISOPODA) OF AUSTRALIA: NEW SPECIES AND A NEW GENUS FROM SOUTHEASTERN AUSTRALIA

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## SUMMARY

New species of the isopod family Cirolanidae are described and figured. These include *Eurydice acuticauda*, *E. spenceri*, *Cirolana bathynella*, *C. halei*, *C. triloba*, *C. furcata*, *C. similis*, *C. victoriae* and a new genus and species *Orphelana perplexa*. Their systematic position within the respective genera is discussed. All species except *C. victoriae* and *E. spenceri* are known to be from subtidal habitats.

## INTRODUCTION

Since the work of Hale (1925; 1940) there has not been a single publication dealing specifically with Australian cirolanid isopods. Naylor (1966) listed three species for Port Phillip Bay and Nordenstam (1946) recorded a further species from Cape Jaubert. This present work is the third in a series that deals exclusively with the family Cirolanidae from Australian seas. The first (Bruce, 1980), dealt with a collection from the Great Barrier Reef, whilst the second dealt with a single genus of sand beach cirolanids from Queensland (Bruce, *in press*).

The new species described were obtained from the following collections. The Australian Museum Shelf Benthic Survey (SBS), off Sydney, NSW, Australian Museum Hunter District Water Board Survey (HDWBS), the Crib Point Benthic Survey (CPBS), the Western Port Bay Environmental Survey (WBES), and the Port Phillip Bay Environmental Study (PPBES). The collections made from the last three surveys are housed in the National Museum of Victoria. Details of the times and methods used in these collections can be obtained from Poore, *et al* (1975). Additional material was obtained from the South Australian Museum (SAM), and the Stockholm Museum of Natural History (SM(NH)). All of the collections from which these new species were taken contain other named species, which will be dealt with in future publications.

Type material has been deposited at the Australian Museum, Sydney (AM), the National Museum of Victoria, Melbourne (NMV), the South Australian Museum, Adelaide (SAM), Queensland Museum (QM) and the Swedish Museum (SM(NH)).