



Palaemonoid shrimps from the Australian north west shelf

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Abstract

A small collection of 9 species of palaemonoid shrimp from the Australian North West Shelf has provided one new genus, *Pseudoclimenes holthuisi*, one new species, *Apopontonia seticauda*, and five species new to the Australian fauna.

Key words: *Pseudoclimenes holthuisi* **gen. nov., sp. nov.**, *Apopontonia seticauda* **sp. nov.**, Pontoniinae, Australian pontoniine fauna, five new species records, Crustacea, Decapoda, Caridea

Introduction

From 7 June to 7 July 2007 the research vessel of the CSIRO Division of Marine and Atmospheric Research, the FRV *Southern Surveyor*, carried out a survey of the marine fauna off the coast of Western Australia, from Dampier to Darwin, by transects at right angles to the coastline to a depth of 1000 m, NW Biodiversity Survey (SS2007/05). A report on these palaemonoid specimens is now presented, with some illustrations of their life colourations recorded for the first time. Also included are three lots of specimens from an earlier cruise to the same region (SS2005/10). Of the eight pontoniine species collected, one represents a new genus, one is a new species and five are new to the Australian fauna. Restricted synonymies only are provided with fuller synonymies available in Li (2000).

The specimens are deposited in the collections of the National Museum of Victoria, Melbourne (NMV), and Queensland Museum, Brisbane (QM). Abbreviation used: CL = postorbital carapace length.

Species List

- Anchistioides willeyi* (Borradaile, 1899).
- Apopontonia seticauda* **sp. nov.**
- Manipontonia psamathe* (De Man, 1902)
- Periclimenes aleator* Bruce, 1991
- Periclimenes hirsutus* Bruce, 1971
- Periclimenes paralcocki* Li & Bruce, 2006
- Periclimenes tenuirostris* Bruce, 1991
- Periclimenes tosaensis* Kubo. 1951
- Pseudoclimenes holthuisi* **gen. nov., sp. nov.**