



Revision of the lysianassoid genera *Acidostoma* and *Shackletonia* (Crustacea: Amphipoda: Acidostomatidae fam. nov.)

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Abstract

The new lysianassoid amphipod family Acidostomatidae is described for the widespread genus *Acidostoma* Lilljeborg, 1865 and the endemic Antarctic genus *Shackletonia* K.H. Barnard, 1931. All species of *Acidostoma* are described including three new species. *Acidostoma obesum* (Bate & Westwood, 1861) is discussed in detail.

Key words. Crustacea, Amphipoda, Lysianassidae, Acidostomatidae, Australia, taxonomy, new species

Introduction

Recent collections from Australian waters have revealed two new species of *Acidostoma*. They are described here as *A. australis* and *A. merimbula*. New collections from Namibia contained males of another new species of *Acidostoma*, close to the traditional concept of *A. obesum* Bate & Westwood, 1861. Re-examination of the southern African material identified as *A. obesum* by K.H. Barnard (1925) and Griffiths (1975) revealed that it was the female of the Namibian males and they are described here as *A. namibiensis*.