

***Paranarthrura* Hansen, 1913 (Crustacea: Tanaidacea) from the Angola Basin, description of *Paranarthrura angolensis* n. sp.**

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Abstract

Tanaidacea were collected from board of RV *Meteor* (M48) and RV *Atlantis II* (42) in the deep Angola Basin. Within the samples containing Tanaidacea, one species of *Paranarthrura* could be identified, *Paranarthrura angolensis* n.sp, which is described on the basis of 42 individuals from depths between 631 to 5464 m off the deep Angola Basin, South Atlantic Ocean. Until now, 10 species of *Paranarthrura* are reported from the Atlantic Ocean. Data on the distribution of these species are presented.

Key words Tanaidacea, *Paranarthrura*, Angola Basin, Namibia, deep sea, taxonomy

Introduction

Tanaidacea occur in all world oceans from the shallow shelf down to the deep-sea. The systematic and phylogenetic relationships of the Tanaidacea however is not well understood for many taxa, specially those from the deep-sea.

The genus *Paranarthura* Hansen, 1913 has a world-wide distribution and it is frequently found in the deep sea. For the Atlantic ocean nine species are reported (Bird & Holdrich, 1989), most of them from the North Atlantic Ocean. For the South Atlantic Ocean a new species of *Paranarthura* from the deep Angola Basin is described, and discussed in this paper.

Material and methods

In July 2000 during the **DIVA-1** expedition (**diversity of the deep Atlantic Ocean**) benthos was collected from the Angola Basin. This material also yielded a high number of Tanaid-