



Apseudomorpha (Malacostraca: Tanaidacea) of the ANDEEP III Antarctic Expedition

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Abstract

This paper presents results of studies of apseudomorph tanaidacean collected during the ANDEEP III Expedition to the Antarctic, represented exclusively by the family Apseudidae. *Apseudes paragracilis* Kudinova-Pasternak, 1975, *A. abyssalis* Błażewicz-Paszkowycz & Larsen, 2004, *Leviapseudes pleonudus* Błażewicz-Paszkowycz & Larsen, 2004 were previously recorded in the Antarctic abyssal. A redescription of *A. paragracilis* together with the description of two new species (*Leviapseudes angelikae* n. sp. and *Collossella suprema* n. gen. n. sp.) are the subject of the present paper.

Key words: Tanaidacea, Apseudomorpha, *Apseudes*, *Collossella*, *Langapseudes*, *Leviapseudes*, abyssal, Southern Ocean

Introduction

The previously described Apseudomorpha of the Southern Ocean, the region as defined the Convention on the Conservation of the Antarctic Living Resources (<http://www.ccamlr.org/pu/e/conv/map.htm>), are represented by thirteen species. All are exclusively members of family Apseudidae: *Apseudes abyssalis* Błażewicz-Paszkowycz & Larsen, 2004, *Androgynella spectabilis* (Studer, 1883), *Androgynella crozetensis* (Shiino, 1978), *Apseudes paragracilis* Kudinova-Pasternak, 1975, *Apseudes spinosus* (M. Sars, 1858), *Apseudes unicus* Kudinova-Pasternak & Pasternak, 1981, *Leviapseudes galathea* (Wolff, 1956), *Leviapseudes gracillimus* (Hansen, 1913), *Leviapseudes shiinoi* (Lang, 1968), *Leviapseudes pleonudus* Błażewicz-Paszkowycz & Larsen, 2004, *Leviapseudes tenuimanus* Błażewicz-Paszkowycz & Larsen, 2004, *Eliomosa sibogae* (Nierstrasz, 1913) and *Pugiodactylus antarcticus* (Beddard, 1886). Ten of these thirteen species are deep-water forms and only three (*A. spectabilis*, *A. crozetensis* and *P. antarcticus*) have been found in shallow waters of Subantarctic islands (Kerguelen and Heard Islands, Shiino, 1978).

The present paper presents results of studies of apseudomorphs found during the ANDEEP III Expedition (Antarctic benthic Deep-sea biodiversity) on board of the r/v *Polarstern*. The material consists of six species of the family Apseudidae. Three of them *Apseudes paragracilis*, *A. abyssalis* and *Leviapseudes pleonudus* were previously recorded in the Antarctic abyssal. The poorly described *A. paragracilis* is redescribed in this paper. Three species of the six mentioned above are new species to science. Two of them, *Leviapseudes angelikae* n. sp. and *Collossella suprema* n. gen. n. sp., are described in the present paper, while the third species, represented by only one specimen, was identified as *Langapseudes* sp.