



## ***Andeepia ingridae* a new genus and species of Pardaliscidae (Crustacea, Amphipoda) from the Antarctic deep-sea and short redescription of *Nicippe unidentata* K.H. Barnard, 1932**

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### **Abstract**

The new genus and species *Andeepia ingridae* is described. The main features of this taxon are: urosomite 2 with mid-dorsal tooth; massive propodi of gnathopods 1–2; carpus of gnathopod 1 short, weakly lobate and half the length of that of gnathopod 2; dactylus of gnathopod 2 with distinct dentition on the inner margin; dactylus of gnathopod 1 smooth, lacking dentition, but in the cuticle with faint trace of embedded teeth and reduced setation on pereopods and uropods. The related southern ocean pardaliscid, *Nicippe unidentata* K.H. Barnard, 1932 is also re-described and illustrated for the first time from the type material.

**Key words:** Taxonomy, Amphipoda, *Andeepia* **gen. n.**, *Andeepia ingridae* **sp. n.**, Pardaliscidae, *Nicippe unidentata*, new species, deep-sea, Antarctic

### **Introduction**

The ANDEEP (Antarctic benthic DEEP-sea biodiversity) expeditions had the aim to describe the deep-sea fauna from the eastern Atlantic sector close to the Antarctic continent, in order to examine the deep sea diversity of this area. During the ANDEEP III Expedition in 2005, a remarkable collection of crustaceans was obtained. Amongst these samples, specimens of the amphipod family Pardaliscidae Boeck, 1871 were especially numerous. The work on this family started with a species with a striking gnathopod morphology. Initially, the first observations made on this material suggested that it could be a new species of *Nicippe* Bruzelius, 1859. However, upon a more detailed examination it became clear that there were numerous differences to *Nicippe* and the other related genera *Spelaeonicippe* Stock & Vermeulen, 1982 and *Antronicippe* Stock & Iliffe, 1990. Therefore, it was necessary to erect a new genus *Andeepia* to distinguish it.

### **Material and methods**

Material was fixed in 96% ethanol. Pencil drawings were prepared using camera lucida on Leica Wild M8 and Nikon SMZ-U dissecting microscopes and on Leica DMLB and Olympus BH-2 compound microscopes. Line drawings were made using the technique described in Coleman (2003). Circles (solid and dotted) on appendages indicate insertion points of omitted setae.