

**A REPORT OF HARTMANIELLIDAE (ANNELIDA: POLYCHAETA)
FROM THE ANDAMAN SEA, INDIAN OCEAN**

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ABSTRACT

A specimen of the polychaete family Hartmaniellidae is described, but not formally named, from the Thai portion of the Andaman Sea. This is only the fifth published primary report of this family. Although very similar to the type species, *Hartmaniella erecta* Imajima, 1977, the animal described here also shows significant differences, most importantly the apparent fusion of maxillae III and IV on the right side of the body and the very poor development of the parapodia on setiger 1. The significance of the Hartmaniellidae for our understanding of the phylogenetic development of such characters as dorsal cirri, ventral cirri, aciculae, and compound setae, as well as its relationship to the Lumbrineridae, Oeonidae, and Orbiniidae, are discussed.