

**THE GLYCERIDAE AND GONIADIDAE (ANNELIDA: POLYCHAETA) OF
THE BIOSHELF PROJECT, ANDAMAN SEA, THAILAND**

Markus Böggemann¹ and Danny Eibye-Jacobsen²

¹*University of Osnabrück, Osnabrück 49069, Germany (mboeggem@sng.uni-frankfurt.de)*

²*Zoological Museum, Copenhagen 2100, Denmark (dejacobsen@zmuc.ku.dk)*

ABSTRACT

A total of 243 specimens of Glyceridae and 186 specimens of Goniadidae were collected during the Thai–Danish BIOSHELF Project in the Andaman Sea portion of Thai national waters in 1996 and 1997. Eleven species of Glyceridae were found, of which *Glycera macrobranchia* (Moore, 1911), *G. onomichiensis* Izuka, 1912, *G. posterobranchia* Hoagland, 1920 and *Hemipodia simplex* (Grube, 1857) are newly reported for the Indian Ocean; *Glycera brevicirris* Grube, 1870, *G. lapidum* Quatrefages, 1866 and *G. sphyrabrancha* Schmarda, 1861 are new reports for the Andaman Sea; *G. oxycephala* Ehlers, 1887 is new for Thailand. Twelve species of Goniadidae (ten named) were found, of which *Goniadides carolinae* Day, 1973 (sensu Gilbert 1984) and *Ophioglycera lyra* Granados-Barba and Solís-Weiss, 1997 are newly reported for the Indian Ocean. *Glycinde anuwati* n. sp., *Goniada apisiti* n. sp., *Goniada hexadentes* n. sp. and *Goniada amacrognatha* n. sp. are newly described. The last-mentioned species is unique among goniadids in lacking macrognathos on the proboscis. Scanning electron micrographs of the proboscis papillae and other proboscis organs are presented for ten species of goniadids. Keys are provided to the Glyceridae and Goniadidae that are known from the Andaman Sea.