

**A PRELIMINARY STUDY OF SIGALIONIDAE (ANNELIDA: POLYCHAETA)
FROM THE ANDAMAN SEA OFF SOUTHWESTERN THAILAND,
WITH AN OVERVIEW OF PRESENTLY RECOGNIZED GENERA**

Charatsee Aungtonya

Phuket Marine Biological Center, P.O. Box 60, Phuket 83000, Thailand (charatsee@hotmail.com)

ABSTRACT

Sigalionids have proven to be especially common in soft sediments and are an important component of the polychaetes collected during the Thai–Danish BIOSHELF surveys in the Andaman Sea off southwestern Thailand, in 1996–2000. Twenty-one genera of the Sigalionidae are recognized in this paper. Thirteen species representing 12 genera have presently been recorded from the BIOSHELF materials. Of these, 9 species representing 9 genera are included in this interim report. Only one of these species, *Sthenelanella* cf. *uniformis*, has previously been recorded from the southwest coast of Thailand. *Euthalenessa festiva*, *Willeysthenelais horsti*, *Fimbriosthenelais longipinnis*, *Labiothenolepis* cf. *sibogae*, *Labioleanira* cf. *tentaculata*, *Ehlersileanira incisa*, *Leanira* cf. *coeca*, and *Sigalion* sp. A are new distribution records for the area. An overview of the genera of Sigalionidae known to date, including a key to the genera and definitions of each genus, is included.