

Phuket mar. biol. Cent. Res. Bull. 57:77-88 (1992)

**PRELIMINARY REPORT ON THE POLYCHAETES
FROM THE FIFTH THAI-DANISH EXPEDITION ALONG THE ANDAMAN SEA
COAST OF THAILAND**

by Boonlert Phasuk
Fisheries Department, Bangkok, Thailand

ABSTRACT

The polychaetous annelids of the 5th Thai-Danish Expedition were collected during January-March 1966 from quantitative bottom samples using the Smith-McIntyre grab and the Mouse Trap. Semi-quantitative sampling was adopted for shore collection as part of the benthic biomass survey along the west coast of Thailand covering the area between the boundaries with Burma in the northerly, and Malaysia in the southerly direction. During the expedition the polychaetes were sorted from a total of 450 samples on board the Fisheries Research Vessel No.2 of the Fisheries Department. The collections were transferred to Denmark. Identification and biomass records of a total of 3284 specimens were made at the Helsingor Marine Laboratory.

The material comprised 39 families, 111 genera and 154 species. Some of the polychaetes seem to represent undescribed species. However, on account of unforeseen circumstances it has not been possible to describe these new species. In the present paper all identified species are recorded in the form of a checklist with information on the occurrence of the species in the study area.