

**NEWLY RECORDED SPIONID SPECIES
(POLYCHAETA) FROM THE EGYPTIAN WATERS,
WITH SPECIAL REFERENCE TO POLYDORIDS
HABITATS**

Samia, A. Selim

National Institute of Oceanography and Fisheries, Alexandria, Egypt.

Key words: Polychaeta, Spionidae, polydorid species, habitats.

ABSTRACT

In the present study, 9 spionid species were reported. Five of them are new records to the Egyptian waters. In order to achieve this study fouling components and sediments samples were collected from different sites of Egyptian waters. The recorded spionid species were described and figured in details. The identification of the two Dipolydora species has been corrected. The relation between the surrounding habitat, major spines of setiger 5 and boring activity of the recorded polydorid species was discussed.

The geographic distribution of five new taxa recorded indicated that *Scolelepis carunculata*, *Pnonospio aucklandica* and *Pseudopolydora paucibranchiala* appeared for the first time in the Mediterranean Sea. They are of indo-pacific origin and migrated through Suez Canal. While *Pnonospio steenslrupi* is new to the Egyptian Mediterranean waters and *Spiophanes kroeyeri* new to the Egyptian Red Sea waters (Suez Bay).