

**POLYCHAETES OF THAILAND. NEREIDIDAE (PART 3):
SOLOMONONEREIS PHUKETENSIS N. SP.
FROM EUHALINE ENVIRONMENTS IN THE ANDAMAN SEA.**

By Anuwat Nateewathana

Phuket Marine Biological Center, P.O.Box 60, Phuket 83000, Thailand

ABSTRACT

The monotypic species *Solomononereis marauensis* Gibbs, 1971 has been reported from polyhaline environments in Solomon Islands, South Pacific and in the northern Australia. Samples from fully marine sea beds on the west coast of Phuket Island, Andaman Sea, have revealed one more species, described as *Solomononereis phuketensis*. It differs from *S. marauensis* in having notosetal falcigers present in most anterior setigers. Dorsal ligules are digitiform and greatly reduced already in the anterior part of the body. Paragnaths are slender conical against rod-shaped (pegs) in *S. marauensis*. Conspicuous glands at the base of the dorsal cirri are characteristic of both species of the genus and may constitute a unique character of the genus. The two species of *Solomononereis* share a number of characters with *Ceratonereis japonica* Imajima, 1972. A comparison of these three closely related species is given.