

**MYSIDACEA (CRUSTACEA) FROM THE SOUTH-EASTERN ANDAMAN SEA
WITH DESCRIPTIONS OF SIX NEW SPECIES**

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ABSTRACT

Thirty-seven species of Mysidacea were collected from the south-eastern Andaman Sea during the ‘Biodiversity of Crustacea in the Andaman Sea’ project. Of these, six species are new to science and are here described; these are *Erythrops phuketensis*, *Hypererythrops validiseta*, *Acanthomysis brucei*, *Acanthomysis longispina*, *Heteromysis thailandica* and *Pseudomysidetes nudus*. Three species belonging to the genera *Anchialina*, *Erythrops* and ?*Pleurerythrops* remain unnamed because of their badly damaged condition or absence of adult males. Eight species, *Gnathophausia zoea* Willemoes-Suhm, 1875, *Paralophogaster macrops* Colosi, 1934, *Hypererythrops semispinosa* Wang, 1998, *Pleurerythrops monospinosa* Liu and Wang, 1986, *Mysidopsis kemp* W.M. Tattersall, 1922, *Paraleptomysis xenops* (W.M. Tattersall, 1922), *Acanthomysis quadrispinosa* Nouvel, 1965, and *Anisomysis bifurcata* W.M. Tattersall, 1912, are recorded from this area for the first time. Supplemental information is given for six species: *Rhopalophthalmus macropsis* Pillai, 1964, *Erythrops minuta* Hansen, 1910, *Hypererythrops semispinosa* Wang, 1998, *Hypererythrops spinifera* (Hansen, 1910), *Acanthomysis platycauda* (Pillai, 1964) and *Lycomysis spinicauda* Hansen, 1910. A key to the species of Mysidacea recorded in the Andaman Sea and Malacca Strait is presented.