

Natthawadee Phukham 2008: Species Diversity of Calanoid Copepods in Thai Waters, Andaman Sea. Master of Science (Marine Science), Major Field: Marine Science, Department of Marine Science. Thesis Advisor: Assistant Professor Sunan Patarajinda, M.S. 247 pages.

The species diversity of calanoid copepods in Thai Waters, Andaman Sea was investigated in during to November 2005 to May 2007. The samples from 142 stations were collected by using horizontal, vertical and oblique towed nets of 330 µm mesh size. A total of 80 species 28 genera were reported. Fifty-nine species of twenty-five genera in this study were the first record in Thai Waters, Andaman Sea and 19 species of 9 genera such as *Centropages calaninus* (Dana), *C. elongatus* Giesbrecht, *Euchaeta rimana* Bradford, *E. wolfendeni* A. Scott, *Haloptilus spiniceps* (Giesbrecht), *Labidocera pectinata* Thompson & Scott, *L. bengalensis* Krishnaswamy, *Pontella danae* Giesbrecht, *P. diagonalis* Wilson, *P. fera* Dana, *P. investigatoris* Sewell, *P. spinipes* Giesbrecht, *P. valida* Dana, *Pontellina morii* Fleminger & Hulsemann, *Pontellopsis armata* (Giesbrecht), *P. krameri* (Giesbrecht), *P. scotti* Sewell, *Rhincalamus cornutus* Dana and *Scolecithrix danae* (Lubbock) were the first record found in Thai Waters (Gulf of Thailand and Andaman Sea). Furthermore other six unidentified species of genera *Labidocera* (3 species), *Pontella* (2 species) and *Pontellopsis* (1 species) are potentially new record in this area.

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Thesis Advisor's signature

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