

**Ostracods (Crustacea) from floodplain of the Chi River basin,
Mahasarakham Province, Thailand, with first record of the male
Tanycypris siamensis SAVATENALINTON & MARTENS, 2009**

Sukonthip SAVATENALINTON

Species diversity of ostracods in the floodplain of the Chi River basin, Mahasarakham Province, Thailand was examined in this study. Twenty-two samples were collected in the cool season (February 2010). Twenty-six species belonging to 18 genera were recorded, 3 of which are new to the Oriental region (*Fabaeformiscandona japonica* (OKUBO, 1990), *Ilyocypris monstifica* (NORMAN, 1862) and *Limnocythere stationis* VÁVRA, 1891) and 1 (*Hemicypris ovata* SARS, 1903) is a new record for Thailand. The most common species were *Strandesia kraepelini* (G.W. MÜLLER, 1906) and *Physocypria crenulata* (SARS, 1903) occurring in 77% and 64% of the sampled localities, respectively. Additionally, males of *Tanycypris siamensis* SAVATENALINTON & MARTENS, 2009 were found for the first time. A description of *T. siamensis* males, focusing on the male reproductive organs, is here provided. This discovery shows that the morphology of the hemipenis and the Zenker organs of *T. siamensis* is similar to that of species in the genus *Cypricercus*. Additional comments on taxonomy and ecology of several taxa are also given.

Authors address:

Sukonthip Savatentalinton

Department of Biology, Faculty of Science, Mahasarakham University, Mahasarakham
44150, Thailand

sukonthip.s@msu.ac.th, sukonthip@hotmail.com