

A716 Twenty New Species of Collembola(Insecta) from Thailand

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Collembola were collected from twelve localities of Thai forests during 1995 and 1996. From the collections specimens of Paronellidae and Entomobryidae were identified and 15 and 5 species from each family were found to be new to science in addition to two species of Paronellidae on record. Former records from Thailand included 29 species of 10 genera of Paronellidae by Yosii (1961, 1982, 1985) and Deharveng (1990), and 3 species in 2 genera of Entomobryidae by Yosii (1961). By the present additional study the Thai fauna of the two families of Collembola came up to be 52 species in 12 genera and the endemism was revealed as high as 77% as often demonstrated in many tropical insect fauna.

A717 Systematic Study on Lecithoceridae (Lepidoptera) in Taiwan

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The family Lecithoceridae comprises approximately 400 species throughout the world, but more than 80 percents of the known species are found in the Oriental and the boarder of the Palaearctic regions. In Taiwan, 18 species including 12 endemic species, which were mostly described by Meyrick (1914-1936) and Gozmany (1978), have been known to date. From the result of this study, based on material housed in Smithsonian Institute (Issiki Coll. 1972), Washington D.C., Florida State Collection of Arthropods, Florida, USA, and some recent collection by author (1996), 40 species of Lecithocerinae including 15 undescribed species, and 25 species of Torodinae including 14 undescribed species are recognized from Taiwan. Descriptions of the new taxa are provided, male and female genitalia of all known species are illustrated. A key for genera and species is also given. Discussions for taxonomic status of some taxa and distributional informations of the species are given.