

Sukontip Sirimongkol 2006: Taxonomic Study on Grasses (Family Gramineae) in Western Thong Pha Phum, Thong Pha Phum District, Kanchanaburi Province. Master of Science (Forestry), Major Field: Forest Biology, Department of Forest Biology. Thesis Advisor: Mrs. Kongkanda Chayamarit, D.Sc. 256 pages. ISBN 974-16-1966-9

Taxonomic study on Grasses (Family Gramineae) in Western Thong Pha Phum, Thong Pha Phum District, Kanchanaburi Province was conducted. At first step the data of grasses were compiled from both literatures and herbarium specimens kept in the Forest Herbarium, National Park, Wildlife and Plant Conservation Department (BKF) and Bangkok Herbarium of the Department of Agriculture (BK). Then additional field surveys and plant collections in Western Thong Pha Phum were conducted. Morphological and ecological data of plants were recorded and photographs were taken. All plant specimens were identified by consulting literatures and comparing with specimens named in both herbaria. Nomenclatural problems were solved. From the study of grasses found in Western Thong Pha Phum, the keys of 5 subfamilies 40 genera and 67 species were constructed. Full descriptions and ecology of species, supported by line drawings and photographs of grasses were provide. In this study *Paspalum canarae* (Steud.) Veldkamp var. *fimbriatum* (Bor) Veldkamp was recognized as a new record of Thailand.

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Thesis Advisor's signature

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