

Montri Tanaros 2008: Taxonomy of the Genus *Actinodaphne* Nees (Lauraceae) in Thailand. Master of Science (Botany), Major Field: Botany, Department of Botany. Thesis Advisor: Associate Professor Srunya Vajrodaya, Dr.rer.nat. 104 pages.

Taxonomic revision of the genus *Actinodaphne* Nees (Lauraceae) in Thailand was conducted between March 2005 to March 2008. Species diversity, morphological characters, distribution and ecological data were examined. Field collections and phenological observation of *Actinodaphne* were made throughout the country. The herbarium specimens available in Thai herbaria were thoroughly studied and identified by consulting the taxonomic literatures and comparing with photographs of some type specimens from Thai and foreign herbaria.

Key to species based on flowering, fruiting and significant vegetative characters were constructed. Full descriptions of each species were provided supported by line drawings and photographs.

Eleven species of Thai *Actinodaphne* were enumerated as *Actinodaphne amabilis* Kosterm., *A. angustifolia* (Blume) Nees, *A. cupularis* (Hemsl.) Gamble, *A. glomerata* (Blume) Nees, *A. henryi* Gamble, *A. montana* Gamble, *A. omeiensis* (H. Liu) C.K. Allen, *A. perglabra* Kosterm., *A. sesquipedalis* (Wall. ex Kuntze) Hook. f. & Thoms. ex Meisn. var. *cambodiana* H. Lec., *A. sesquipedalis* (Wall. ex Kuntze) Hook. f. & Thoms. ex Meisn. var. *glabra* Kochummen, *A. sikkimensis* Meisn. and *Actinodaphne* sp.1.

A. sesquipedalis var. *cambodiana* and *A. sesquipedalis* var. *glabra* are newly recorded for Thailand. *Actinodaphne* sp.1 can not be identified into species and expected to be new to science.

Montri Tanaros
Student's signature

Srunya Vajrodaya 501/2501/2508
Thesis Advisor's signature