

***Bauhinia ornata* Kurz var. *subumbellata* (Pierre ex Gagnep.) K. & S.S. Larsen  
(Leguminosae—Caesalpinoideae), a new record for Thailand**

BUSBAN NA SONGKHLA\* & PARINYANOOT KLINRATANA\*

ABSTRACT. *Bauhinia ornata* Kurz var. *subumbellata* (Pierre ex Gagnep.) K. & S.S. Larsen, a new record for Thailand, is described and illustrated.

*Bauhinia ornata* is divided into five varieties. Two of them, *B. ornata* var. *kerrii* and *B. ornata* var. *burmanica*, were already known to occur in Thailand. During a field trip to Khun Korn Waterfall Forest Park in March 1999, a new record of *B. ornata* var. *subumbellata* was found. The description below is based on the materials from Khun Korn Waterfall Forest Park.

***Bauhinia ornata* Kurz var. *subumbellata*** (Pierre ex Gagnep.) K. & S.S. Larsen, Fl. C.L.V. 18: 209. 1980.—*B. subumbellata* Pierre ex Gagnep., Not. Syst. 2: 180. 1912; in Fl. Gén. I.-C. 2: 129. 1913. Type: Laos, Attopeu, March 1877, *Harmand* 1119 (holotype P).—*B. inflexilobata* Merr., J. Arn. Arb. 21: 369 (1940). Type: Vietnam, Lakoy to Chapa, *Pételot* 2169 (holotype A). Fig. 1.

Large woody climber, tendril present. *Young branches* rusty pubescent, later glabrous. *Leaves* simple, spirally arranged, ovate to nearly orbicular, 9–16 cm diam., 11–13 nerved, bifid to 1/3 of the blade, tip of lobes acute to acuminate, base cordate; margins entire; upper surface glabrous, lower surface puberulous on midrib and veins. *Petioles* 5–11 cm long. *Flowers* in axillary and terminal many-flowered corymbs, with scattered pale brown hairs. *Pedicel* sparsely hairy, 5–6 cm long. *Bracts* subulate, outer surface pubescent, bracteoles minute, 0.5–1 mm long, inserted in the lower part almost at the middle of the pedicels, hairy. *Bud* ovoid, with scattered pale brown hairs, 6–8 mm long. *Receptacle* tubular, striate, 6–8 mm long. *Calyx* splitting into 2–4(–5) deeply reflexed segments, 10 mm long, glabrous inside, puberulous outside. *Petals* 5, unequal, white turning creamy, suborbicular to obovate, 2.2–2.5 by 1.1–1.8 cm., with 3–6 mm long clawed keel, hairy along the middle of the lobes outside. *Stamens* 3 fertile, filament pilose at base, anthers oblong, 2.2–2.5 by 1.1–1.8 mm; staminodes 2. *Ovary* oblong 6.5 by 2.5 mm, with densely appressed brownish hairs; stipe ca. 1.5 mm long; style slender, 7–8 mm long, glabrous towards stigma; stigma peltate, ovules 11–12. *Pods* not seen.

\*Department of Botany, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand.

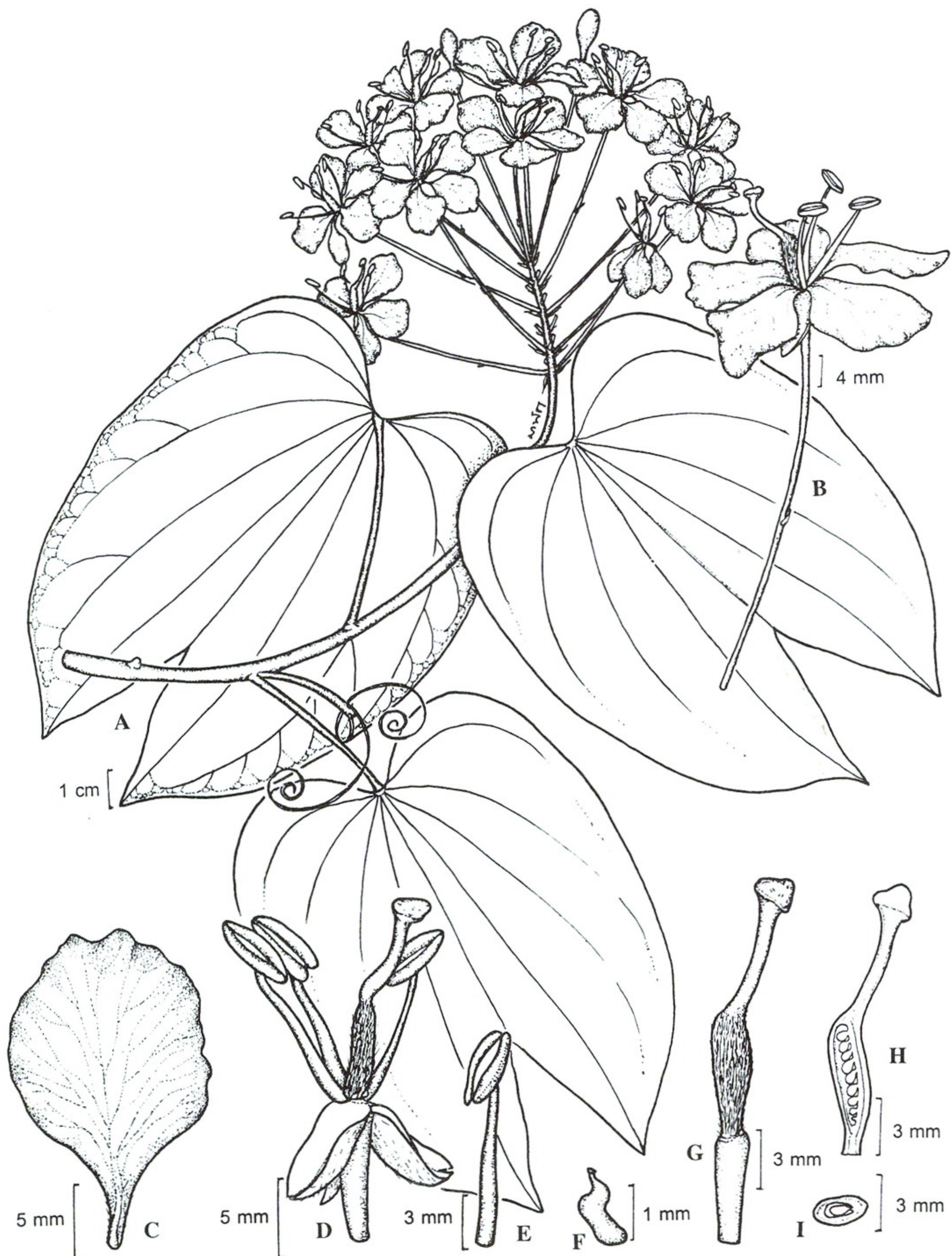


Figure 1. *Bauhinia ornata* King var. *subumbellata* (Pierre ex Gagnep.) K. & S.S. Larsen: A. flowering branch; B. flower; C. petal; D. flower with petal removed; E. stamen; F. staminode; G. pistil; H. l-section ovary; I. x-section ovary.

Thailand.—NORTHERN: Chiang Rai [Khun Kon Waterfall Forest Park, *P. Klinratana* 168 (BCU); *Talbot de Malah* 152 (K)].

Distribution.—N. Laos, N. Vietnam.

Ecology.—In moist mixed deciduous forest by stream, alt. 750 m. alt. Flowering in March.

Note.—This variety is distinguished from var. *kerrii* by its nearly glabrous pedicels, acute or acuminate leaf lobes, hairy bracteoles inserted in the lower part around the middle of the pedicel and densely appressed brownish hairy ovary. It differs from var. *burmanica* by the slender and glabrous style.

#### ACKNOWLEDGEMENTS

This work was supported by the TRF/BIOTEC Special Program for Biodiversity Research and Training grant BRT 140009. We are most grateful to Mrs S.S. Larsen for valuable suggestions. We are indepted to Associate Professor Dr Thaweesakdi Boonkerd for consulting herbarium specimens at K. Thanks are due to Mr. Manit Kidyue for the illustrations.

#### REFERENCES

Larsen K., Larsen, S.S. & Vidal, J.E. 1980. Legumineuses—Caesalpinoideae. In: Aubreville, A. & Leroy, J.F. (eds), Flore du Cambodge, du Laos et du Vietnam 18: 206–210.

Larsen K., Larsen, S.S. & Vidal, J.E. 1984. Leguminosae—Caesalpinoideae. In: Smitinand, T. & Larsen, K. (eds), Flora of Thailand 4(1): 1–45.