

***Dillenia scabrella* (D.Don) Wall. (Dilleniaceae), a new record for Thailand**

BUSBAN NA SONGKHLA* & CHIRAYUPIN CHANDRAPRASONG**

ABSTRACT. *Dillenia scabrella*, a new record for Thailand, is described and illustrated.

Ten species of the genus *Dillenia* have been recorded for Thailand. *D. scabrella* (D.Don) Wall. is a new record for the country and was found during field trips to Khun Korn Waterfall Forest Park, Chiang Rai province in 1997 and 1999. The description below is based on the Thai material.

***Dillenia scabrella* (D.Don) Roxb. ex Wall., Pl. Asiat. Rar. 1: 20, t. 22. 1830; Hook.f. & Thoms., Fl. Ind. 1: 38. 1872; Kurz, For. Fl. Br. Burma 1: 21. 1877; Brandis, Ind. Trees, 4. 1906; Fin. & Gagnep., Fl. Gén. I.-C. 1: 18. 1907; Hoogland, Blumea 7(1): 123. 1952.—*Colbertia scabrella* D.Don, Prodr. Fl. Nepal, 266. 1825. Type: India, Wallich 944 (holotype K; isotypes BM, BR, CAL, G, NY, P). Fig. 1.**

Deciduous tree, 20–25 m high, young parts hairy. *Leaves* simple, spirally arranged, obovate or oblong-elliptic, 20–24 by 10–13 cm, obtuse to acute at apex and base, margins serrate, midrib and veinlets hairy on both surfaces, nerves in 35–41 pairs. *Petioles* 2.5–4.5 cm long, pubescent. *Inflorescences* fascicled, comprising 5–8 flowers together with several caducous bracts on reduced branchlets along the branch, 4.5–5 cm across. *Pedicels* 3.5–5 cm long with 1–3 bracteoles at the same or slightly different level near the middle; bracteoles caducous, lanceolate, hairy, 8–10 by 1–2 mm. *Sepals* 5, reddish-green, ovate, 1–13 by 8–10 mm, glabrous. *Petals* 5, yellow, obovate, obtuse, 2.5 by 1.5 cm, glabrous. *Stamens* in 2 distinct groups: outer ones (numerous), curved, 0.7 mm long; inner ones (11–14), reflexed at apex, 14 mm long. *Carpels* 4–5, ovate-oblong, glabrous, style recurved, 9 mm long, glabrous. *Fruit* globular, 1.5 cm diam. including sepals. *Seed* without aril.

Thailand.— NORTHERN: Chiang Rai [Khun Kon Waterfall Forest Park, Na Songkhla & Chandraprasong 9 (BCU), 353 (BCU) & 389 (BCU)].

Distribution.— India (Bengal and Assam), Myanmar and Indo-China, possibly also Nepal.

Ecology.— In dry mixed deciduous to hill evergreen forest, 850–1220 m. Flowering March, fruiting April.

Vernacular.— San (ສັນ).

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

**Suan Luang Rama IX, Sukhumvit 103 Rd., Pravet, Bangkok 10260, Thailand.

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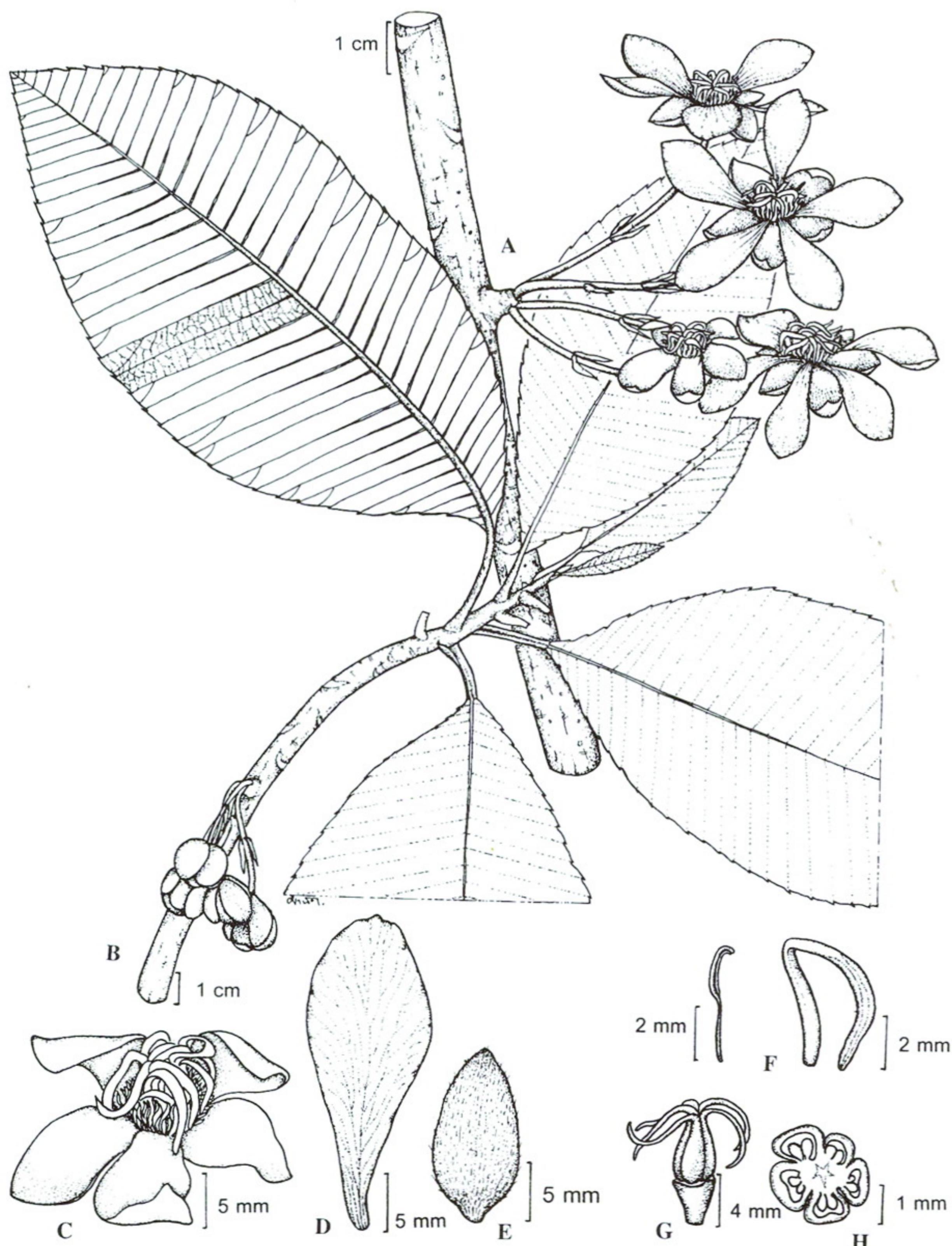


Figure 1. *Dillenia scabrella* (D.Don) Roxb. ex Wall.: A. flowering branch; B. branch with fruits; C. flower without petal; D. petal; E. sepal; F. outer and inner stamens; G. carpels; H. cross-section of carpels.