

A New Species of *Barringtonia* (Lecythidaceae) From Peninsular Malaysia

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Abstract

A new species, of *Barringtonia*, *B. terengganuensis* P. Chantaranothai, is described and illustrated from Terengganu, Peninsular Malaysia.

Introduction

The genus *Barringtonia* occurs from eastern Africa to northern Australia and comprises some 56 species. In preparation for publication of the Lecythidaceae for the Flora of Thailand, I also examined material from other regions for comparison. It has revealed the existence of a previously undescribed species of *Barringtonia*.

Barringtonia terengganuensis P. Chantaranothai **sp. nov.**

Differt a B. pendula hypanthio minore, petiolis brevioribus, foliis basi cordatis vel rotundatis. Typus: Peninsular Malaysia, Terengganu, *P.F. Cockburn FRI 8363 (holotypus K)*.

Small tree up to 6 m tall. Rachis and hypanthium pubescent. Leaves with petioles 4-5 mm long; lamina 26-28.5 × 7-7.5 cm, chartaceous, elliptic, apex acuminate, base slightly cordate or rounded, margin slightly serrate-crenulate; secondary veins 22-23 pairs, 1.4-2 cm apart. Inflorescence a terminal spike, c. 25 cm long, densely flowered, with c. 50 flowers; rachis base 2 mm in diam. tapering to 0.8 mm in diam. near apex; cataphylls 10-12 × 3-5 mm, triangular; bracteoles 0.4-1 × 0.2 mm, triangular, caducous. Flowers in bud pink; hypanthium without pedicel, funnel-shaped, quadrangular, with 4 grooved at the corner, pubescent; sepal 4, orbicular or suborbicular; petal 4, orbicular; ovary 2-locular, ovules 3-6 per locule. Fruits unknown. Fig. 1.

Peninsular Malaysia. Terengganu: Ulu Sungai Terengganu near Jaram Galong, primary forest, hillsides, alt. 600 m, 31 May 1968, *P.F. Cockburn FRI 8363 (Holotype K)*.

Barringtonia terengganuensis is a distinct species which is closest to *B. pendula* (Griff.) Kurz. Both species have grooves at the corners of the hypanthium. It differs from *B. pendula* mainly in its smaller hypanthium, shorter petiole and slightly cordate or rounded leaf base. *P.F. Cockburn FRI 8363 (K)* was originally determined as *B. fusiformis* King. The leaves of *B. terengganuensis* and *B. fusiformis* are similar but the two species differ in the former having a grooved hypanthium and no pedicel.

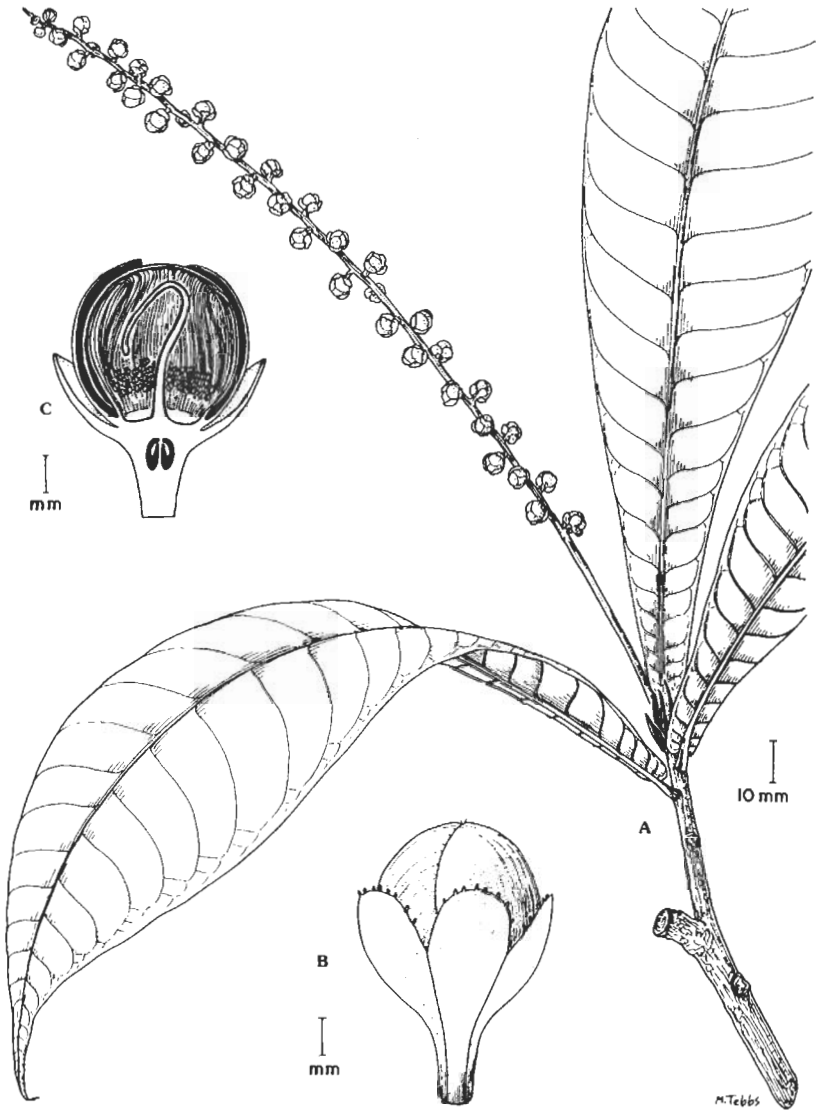


Fig. 1. *Barringtonia terengganuensis*. A. habit; B. floral bud; C. floral bud in longitudinal section. All from Cockburn FRI 8363. Drawn by M. Tebbs

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