

10. ALCIMANDRA Dandy, Bull. Misc. Inform. Kew 1927: 259, 260. 1927.

长蕊木兰属 chang rui mu lan shu

Trees, evergreen. Stipules free from petiole. Petiole without a stipular scar. Young leaves folded in bud. Flowers terminal, solitary, bisexual. Tepals 9, in 3 whorls. Stamens 35–40; exerted part of connective tongue-shaped; anther elongated, dehiscing introrsely. Gynoecium with a gynophore not longer than androecium; carpels ca. 30, distinct; ovules 2–5 per carpel. Mature carpels leathery, dehiscing along dorsal sutures. Seeds 1–4 per carpel.

One species: Bhutan, SW China, NE India, N Myanmar, N Vietnam.

1. *Alcimandra cathcartii* (J. D. Hooker & Thomson) Dandy, Bull. Misc. Inform. Kew 1927: 260. 1927.

长蕊木兰 chang rui mu lan

Michelia cathcartii J. D. Hooker & Thomson, Fl. Ind. 1: 79. 1855; *Magnolia cathcartii* (J. D. Hooker & Thomson) Nooteboom.

Trees, to 50 m tall, to 50 cm d.b.h. Young twigs pubescent; terminal vegetative buds long conic, white villous. Petiole 1.5–2 cm, without a stipular scar; leaf blade ovate to elliptic-ovate, 8–18 cm, leathery, base rounded to broadly cuneate, adaxially glossy, secondary veins 12–15 on each side of midvein, slender,

and ends inconspicuously netted with dense reticulate veins. Spathaceous bract green, just basal to tepals. Peduncle ca. 1.5 cm. Tepals 9, white, with pellucid glands, ca. 9-veined; outer 3 tepals oblong, 5.5–6 × 2–2.2 cm; tepals of inner 2 whorls obovate-elliptic, slightly shorter and smaller than outer ones. Stamens ca. 4 cm; connective exerted and forming a mucro; anthers ca. 2.8 cm. Gynophore ca. 1 cm; gynoecium cylindrical, ca. 2 × 0.3 cm; carpels ca. 30. Fruit 3.5–4 cm; mature carpels compressed globose, white lenticellate. Fl. May, fr. Aug–Sep. $2n = 38$.

Evergreen broad-leaved forests; 1800–2700 m. SE Xizang, S and W Yunnan [Bhutan, India (Assam, Sikkim), Myanmar, Vietnam].

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