

20. RAPHISTEMMA Wallich, Pl. Asiat. Rar. 2: 50. 1831.

大花藤属 da hua teng shu

Lianas woody. Leaves opposite, long petiolate, 3–5-veined from base. Inflorescences extra-axillary, umbel-like to short racemelike, large, long pedunculate. Calyx with many basal glands. Corolla campanulate, large; lobes overlapping to right. Corona lobes separate, inserted at base of gynostegium, linear-subulate, longer than gynostegium and exerted from corolla tube. Filaments connate; anther appendages short, sharply bent; pollinia 2 per pollinarium, ellipsoid, pendulous. Stigma head broadly rounded, depressed. Follicles fusiform or cylindric, thick, with a fibrous pericarp. Seeds ovate.

Two species: SE Asia, both in China.

- 1a. Buds 0.8–1.4 cm; corolla tube 0.8–1.6 cm, lobes as long as or slightly longer, spreading-rotate; corona lobes exerted and easily seen in herbarium material 1. *R. hooperianum*
1b. Buds (1.7–)2.2–3.1 cm; corolla tube up to 2.5 cm, lobes shorter, straight, subrevolute; corona lobes usually concealed in herbarium material 2. *R. pulchellum*

1. *Raphistemma hooperianum* (Blume) Decaisne in A. de Candolle, Prodr. 8: 516. 1844.

广西大花藤 guang xi da hua teng

Oxystelma hooperianum Blume, Bijdr. 1053. 1826; *Raphistemma brevipedunculatum* Y. Wan.

Stems to 5 m, terete, glabrous. Petiole 3–8.5 cm; leaf blade oblong-ovate to broadly triangular, 4–16 × 2–12 cm, glabrous except for finely puberulent veins, base cordate to subtruncate, apex acute-acuminate; lateral veins 5–7 pairs. Peduncle 2–10.5 cm. Pedicel 1–3.5 cm. Buds 0.8–1.4 cm. Sepals ovate-oblong, 3–6 × ca. 2.4 mm, ciliate. Corolla white, glabrous; tube 0.8–1.6 cm, limb 2.5–3 cm in diam.; lobes oblong-ovate, as long as or slightly longer than tube. Corona lobes white, 1–1.3 cm. Stigma head truncate. Follicles 13–18 × 4–6 cm, glabrous. Seeds flat, ca. 7 × 6 mm; coma to 5 cm. Fl. Jun-Jul.

Bushland, open woods; 400–800 m. SW Guangxi [Indonesia, Thailand, Vietnam].

2. *Raphistemma pulchellum* (Roxburgh) Wallich, Pl. Asiat. Rar. 2: 50, tab. 163. 1831.

大花藤 da hua teng

Asclepias pulchella Roxburgh, Fl. Ind. 2: 54. 1824.

Stems to 8 m, terete, glabrous. Petiole 4–12 cm, with apical adaxial gland cluster; leaf blade ovate, 6–20 × 4–15 cm, sparsely appressed pubescent to glabrous, base deeply cordate, apex acute-acuminate; lateral veins 6 or 7 pairs. Peduncle 3.7–13 cm. Pedicel 1.2–4 cm. Sepals ovate-oblong, 3–4 mm, ciliate. Corolla yellowish white; tube 1.2–1.8 cm, limb 3–4 cm in diam.; lobes shorter than tube, oblong, glabrous. Corona lobes white, 1–1.2 cm. Ovaries glabrous. Follicles ca. 16 × 4 cm. Seeds ovate; coma to 4 cm. Fl. Jun-Aug, fr. Sep-Dec.

Open woods, forests, bushland; 400–1200 m. SW Guangxi, S Yunnan [India, Laos, Malaysia, Myanmar, Nepal, Sikkim, Thailand].

