

#### 4. COLONA Cavanilles, Icon. 4: 47. 1798.

—担柴属 *yi dan chai shu*

*Columbia* Persoon.

Trees or shrubs. Leaves long petiolate; leaf blade ovate, usually hairy abaxially, basal veins 5–7, margin entire or serrulate, apex acute, sometimes 3–5-lobed. Inflorescences usually terminal, cymose paniculate. Bracts small; bracteoles present. Flowers bisexual. Sepals 5, free. Petals 5, glandular at base. Stamens many, free or in 5 bundles, borne on short androgynophore. Ovary 3–5-loculed; ovules 2–4 per locule; stigma thin, lobed or entire. Fruit a capsule, subglobose, 3–5-winged, septicidally dehiscent.

About 20 species: tropical Asia; two species in China.

- 1a. Leaf blade broadly obovate-orbicular or nearly orbicular, 11–20 cm wide, abaxially and adaxially roughly hairy; petiole 1.5–5.5 cm ..... 1. *C. floribunda*  
1b. Leaf blade oblong, 4–7 cm wide, abaxially stellate tomentose, adaxially glabrous; petiole 0.5–1 cm ..... 2. *C. thorelii*

**1. *Colona floribunda*** (Wallich ex Kurz) Craib, Bull. Misc. Inform. Kew 1925: 21. 1925.

—担柴 *yi dan chai*

*Columbia floribunda* Wallich ex Kurz, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 42: 63. 1873.

Trees 8–10 m tall. Branchlets gray-brown stellate puberulent. Petiole 1.5–5.5 cm; leaf blade broadly obovate-orbicular or nearly orbicular, 14–21 × 11–20 cm, with rough, gray-brown stellate hairs on both surfaces, more dense abaxially, basal veins 5–7, veinlets prominently raised abaxially, base slightly cordate, margin serrulate, apex acute or acuminate, sometimes 3–5-lobed. Inflorescences terminal, to 27 cm. Flowers ca. 8 mm in diam. Sepals lanceolate, ca. 4 mm, stellate tomentose abaxially. Petals yellow, spatulate, nearly as long as sepals. Stamens ca. 40, nearly as long as petals, in 5 bundles. Ovary stellate tomentose, 3–5-loculed; stigma hairy. Capsule 1–1.5 cm in diam., stellate hairy, 3–5-winged, wings ca. 5 mm. Fl. Jun, fr. Nov.

Secondary montane forests; 300–2000 m. S Yunnan [India, Laos, Myanmar, Thailand, Vietnam].

The basionym is often given as “*Grewia floribunda* Wallich ex Voigt” (Hort. Suburb. Calcutt. 128. 1845) but that name, as a nomen nudum, was not validly published.

**2. *Colona thorelii*** (Gagnepain) Burret, Notizbl. Bot. Gart. Berlin-Dahlem 9: 808. 1926.

狭叶—担柴 *xia ye yi dan chai*

*Columbia thorelii* Gagnepain, Notul. Syst. (Paris) 1: 132. 1910; *Colona sinica* Hu.

Trees 5–15 m tall, many branched. Branchlets gray-brown stellate tomentose. Stipule hastate; petiole 0.5–1 cm; leaf blade oblong, 8–15 × 4–7 cm, thinly leathery, densely gray stellate tomentose abaxially, adaxially glabrous, smooth or slightly rough, basal veins 5, lateral veins 2–3 pairs, base rounded, margin entire or slightly serrulate near apex, apex acute or acuminate. Inflorescences terminal or axillary at twig tips, 4–9 cm.

Bracts triangular, ovate, or lanceolate, 5–6 mm; bracteoles obovate. Pedicel 3–5 mm. Sepals narrowly lanceolate, 6–7 mm, abaxially gray hairy, adaxially glabrous. Petals 5–6 mm. Stamens as long as petals. Ovary 3-loculed, hairy; style ca. 5 mm; stigma 2-lobed. Capsule 2–2.5 cm in diam., gray tomentose, 3-winged, wing ca. 10 mm wide. Fl. Sep–Oct, fr. Nov–Dec.

Mountains; 200–800 m. S and SE Yunnan [Laos, Malaysia, Myanmar, Thailand].

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