

63. CHAETOCARPUS Thwaites, Hooker's J. Bot. Kew Gard. Misc. 6: 300. 1854,
nom. cons., not Schreber (1789).

刺果树属 *ci guo shu shu*

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Regnaldia Baillon.

Trees or shrubs, dioecious; indumentum of simple hairs. Leaves alternate; stipules small, deciduous; petiole without glands; leaf blade entire; venation pinnate. Inflorescences axillary, small, bracteate glomerules; pedicels short, jointed in middle. Male flowers: sepals 4 or 5, imbricate; petals absent; disk glands small, alternating with sepals; stamens 5–15; filaments basally connate, apically free, hirsute at base; anthers 2-locular, dehiscing longitudinally; rudimentary ovary prominent, 3-fid, hirsute. Female flowers: sepals 4–8, imbricate; petals absent; disk urceolate, margins undulate or divided; ovary 3-locular; ovules 1 per locule; styles 3, free, bipartite; stigmas densely papillose or fimbriate. Fruit a capsule, densely spinescent-bristly or tuberculate; endocarp bony. Seeds smooth, blackish, arillate, carunculate; endosperm copious; endosperm fleshy; cotyledon broader and longer than radicle.

About 12 species: disjunct distribution in W Africa, tropical Asia, Madagascar, South America, and West Indies; one species in China.

1. *Chaetocarpus castanicarpus* (Roxburgh) Thwaites, Enum. Pl. Zeyl. 275. 1861 [*"castanocarpus"*].

刺果树 *ci guo shu*

Adelia castanicarpa Roxburgh, Fl. Ind., ed. 1832, 3: 848. 1832; *Chaetocarpus pungens* Thwaites, nom. illeg. superfl.; *Regnaldia chuytioides* Baillon; *R. myrtiloides* Baillon.

Trees 5–12 m tall; young branches sparsely puberulent, glabrous at maturity. Stipules obliquely lanceolate, small, caducous; petiole 5–8 mm; leaf blade leathery, ovate-lanceolate or elliptic, 7–15 × 3–5 cm, both surfaces glabrous, reddish brown when dry, glossy, base broadly cuneate or obtuse, margin entire, apex acuminate; lateral veins 6–9, ascending, arcuate, anastomosing before margins. Flowers in axillary glomerules; bracts

ovate, ca. 1 mm. Male flowers: pedicels ca. 4.5 mm; sepals 4, oblong, 2–3 mm, exterior puberulent, margins ciliate; stamens 8; filaments ca. 2.5 mm, connate for half length; anthers ca. 1 mm; pistillode 3-fid, yellow pubescent. Female flowers: pedicels ca. 4.5 mm, puberulent; sepals 4, ovate, ca. 3 mm, exterior puberulent, margins ciliate; disk urceolate, margin undulate; ovary subglobose, ca. 2.5 mm, densely pubescent; styles 3, ca. 3 mm, bipartite; stigmas densely fimbriate. Capsule subglobose, 1–1.2 cm in diam., densely tawny bristly, 3-valved. Seeds subovoid, ca. 5 mm, black, smooth; arils fleshy, bifid, ca. 2 mm. Fl. Oct–Dec, fr. following Jan–Mar.

Slopes with evergreen forests, secondary forests; 600–800 m. S Yunnan [Cambodia, India, Indonesia, Laos, Malaysia, Myanmar, Sri Lanka, Thailand, Vietnam].

Fl. China 11: 279. 2008.