

13. CHIENIODENDRON Tsiang & P. T. Li, Acta Phytotax. Sin. 9: 374. 1964.

蕉木属 jiao mu shu

Li Bingtao (李秉滔 Li Ping-tao); Michael G. Gilbert

Trees, with simple hairs. Inflorescences axillary or superaxillary, 1- or 2-flowered. Flowers bisexual. Pedicel short, bracteolate at base. Sepals 3, valvate, connate at base. Petals 6, in 2 whorls, with each whorl valvate, subequal but inner petals narrower than outer petals, thick and fleshy to leathery when dry, inside basally concave to cucullate. Stamens many; anther locules oblong-obovoid; connectives broad and thickened, apex truncate to subtruncate. Carpels 2–12; ovules 6–10 per carpel, in 2 series; styles subsessile; stigmas large, erect, base constricted, apex entire. Fruit apocarpous; monocarps stipitate, slightly constricted between seeds, rust-colored tomentulose. Seeds many per monocarp, in 2 series.

- One species: China.

The *IUCN Red List of Threatened Species* (Version 2010.3; <http://www.iucnredlist.org>; accessed on 6 Oct 2010) treats the only member of this genus, *Chieniodendron hainanense* (under the name *Oncodostigma hainanense*), as Endangered (EN A2c).

Heusden (*Blumea* 38: 492–494. 1994) includes *Chieniodendron* within *Meiogyne*.

1. *Chieniodendron hainanense* (Merrill) Tsiang & P. T. Li, Acta Phytotax. Sin. 9: 375. 1964.

蕉木 jiao mu

Fissistigma hainanense Merrill, J. Arnold Arbor. 6: 131. 1925; *Desmos hainanensis* (Merrill) Merrill & Chun; *F. mac-lurei* Merrill (1923), not Merrill (1922); *Meiogyne hainanensis* (Merrill) Bân; *Oncodostigma hainanense* (Merrill) Tsiang & P. T. Li.

Trees to 16 m tall, evergreen, d.b.h. to 50 cm. Branchlets, bracteoles, pedicels, outer petals on both surfaces, inner petals outside, and fruit rust-colored pubescent. Petiole 4–5 mm, pubescent; leaf blade oblong to oblong-lanceolate, (4–)6–10(–16) × (1.5–)2–3.5(–5) cm, thinly papery, drying brown or brownish green, glabrous except for veins, midvein adaxially impressed, secondary veins 6–10 on each side of midvein, base rounded, apex shortly acuminate. Bracts ovate, 2–4 mm. Flowers ca. 1.5 cm in diam. Pedicel 6–7 mm; bracteoles ovate, 2–4 mm. Bud globose. Sepals ovate-triangular, 4–5 mm. Petals yellowish green; outer petals oblong-ovate, 1.4–1.7 × 1–1.1 cm; inner petals slightly thicker and shorter, ca. 1.4 × 0.8–0.9 cm, cucullate, inside basally concave and glabrous. Stamens ca. 2 mm. Carpels oblong, densely villous; stigmas clavate, erect, apex entire and puberulent. Monocarps to 8, shortly stipitate, ellipsoid, cylindrical, or obovoid, 2–5 × 2–2.5 cm, constricted between seeds, longitudinally ridged on one side. Seeds 6–10 per monocarp, pale yellowish brown, obliquely quadrate. Fl. Apr–Dec, fr. Aug–Mar.

- Dense forest in valleys; 300–600 m. S Guangxi, Hainan.

