
Trees. Leaves opposite, 1–3-pinnately compound; leaflets entire, petiolate. Inflorescences paniculate or reduced almost to fascicles, terminal or lateral; bracts and bractlets linear or leaflike. Calyx campanulate, apex 5-lobed or truncate. Corolla funnelform-campanulate or salverform; tube short or long, limb slightly bilabiata; lobes rounded, spreading. Stamens (4 or 5), didynamous or subequal; staminode usually present. Disc annular, slightly fleshy. Ovary terete; ovules numerous, 2-rowed in each locule. Style included; stigma ligulate, 2-lobed. Capsule dehiscing loculicidally, long, terete, 2-angular; septum compressed, woody. Seeds compressed, transparent membranous winged at both ends.

About 16 species: tropical Asia; seven species in China.

1a. Leaves 1-pinnately compound.
   2a. Calyx 3–5 × 3–5 mm; corolla pale yellow, ca. 3 cm; leaflets 4–6 cm wide ...................... 1. R. microcalyx
   2b. Calyx ca. 8 mm; corolla white, ca. 3.7 cm; leaflets 7–9 cm wide ................................. 2. R. glandulosa

1b. Leaves 2- or 3-pinnately compound.
   3a. Fertile stamens 5 ........................................................... 3. R. pentandra
   3b. Fertile stamens 4.
      5a. Capsule woody, densely white lenticellate ................................................................. 4. R. yunnanensis
      5b. Capsule thick leathery, without lenticels.
         6a. Petioles, leaf rachis, and inflorescences pubescent ............................................... 6. R. frondosa
         6b. Petioles, leaf rachis, and inflorescences glabrous.
            7a. Corolla 6–8 cm, white to pale yellow; capsule ca. 85 × 1 cm ............................. 5. R. sinica
            7b. Corolla 3.5–5 cm, golden yellow; capsule ca. 40 × 0.5 cm ............................... 7. R. hainanensis


   小萼菜豆树 xiao e cai dou shu

Trees ca. 20 m tall. Leaves 1-pinnately compound, 40–56 cm; petiolules 1–2 cm; leaflets 5–7, ovate-elliptic to ovate, 11–26 × 4–6 cm, black glandular abaxially, glabrous, base broadly cuneate to subrounded, oblique, margin entire, apex acute; lateral veins 7–10 on each side of midrib. Inflorescences cymose-paniculate, terminal. Calyx campanulate, 3–5 × 3–5 mm, persistent; teeth 5, minute, apex truncate. Corolla pale yellow; tube ca. 2.5 cm, ca. 5 mm in diam.; lobes ovate-rounded, ca. 1 cm. Style filiform, ca. 2 cm, glabrous. Capsule green, long terete, nodding, 20–28 cm × ca. 6 mm; pericarp thin leathery, dehiscing by 2 valves; septum terete, 2–3 mm in diam. Seeds minute, long ellipsoid, including wing ca. 1 cm. Fl. Jan–Mar, fr. Apr–Dec.

• Guangxi, S Yunnan.


   广西菜豆树 guang xi cai dou shu

   Spathodea glandulosa Blume, Bijdr. 762. 1862; Bignonia porteriana Willroth ex A. de Candolle; Stereospermum glandulosum Miquel.

Trees small, glabrous except for pubescent young branches. Leaves 1-pinnately compound; petiolules ca. 6 mm; leaflets 3–7, long elliptic, 18–21 × 8–9 cm, base cuneate, margin entire, apex acute or acuminate.

Trees ca. 20 m tall. Branchlets copiously pubescent. Leaves 2-pinnately compound; leaf rachis ca. 45 cm; lateral petiolules 5–6 cm; leaflets 23, blade elliptic-lanceolate to ovate-lanceolate, 2–2.5 × 3–7 cm, glabrous on both sides, densely black glandular abaxially, base cuneate or subrounded, margin entire, apex long acuminate; lateral veins 8 or 9 on each side of midrib. Inflorescences sparsely paniculate; peduncle short. Calyx campanulate, 2.5–3 × ca. 2 cm; teeth 5, ovate-rounded. Corolla orange-yellow, broadly campanulate; tube ca. 5 × 2.5 cm; lobes ovate-rounded, subequal. Stamens 5, inserted high in corolla tube; filaments ca. 1 cm, pubescent; anthers divergent, ellipsoid, with caudate appendages at apex. Capsule terete, nodding, ca. 1 m × 8 mm, 2-angular; pericarp black-green, thin leathery; septum terete, ca. 3 mm in diam. Seeds ovoid, thin membranous, including wing ca. 12 × 3 mm. Fl. Nov–Apr, fr. Oct–Dec.


Trees ca. 16 m tall. Bark grey-brown. Leaves 2(or 3)-pinnately compound, ca. 70 cm; lateral petiolules 1–5 mm, terminal one 1–2.5 cm; leaflets ovate, 4–9 × 2–5 cm, densely white glandular adaxially, base cuneate, oblique, margin entire, apex caudate-acuminate; lateral veins 5–7 on each side of midrib. Inflorescences cymose-paniculate. Calyx ca. 3 cm × 8 mm; teeth 5, long triangular, ca. 1.2 cm. Corolla white to pale yellow, 7–9 cm. Stamens 4, inserted nearly at base of corolla tube. Capsule grey-black when mature, long, terete, subwoody, ca. 50 × 1–1.2 cm, densely white lenticellate, scabrous. Seeds ellipsoid, including wing 1.4–1.7 cm × 3–5 mm. Fl. Apr–May, fr. Aug–Nov.

Trees 6–13(–20) m tall, glabrescent. Leaves 2- or 3-pinnately compound; leaflets oblong-ovate or ovate, 4–10 × 2.5–4.5 cm, papery, glabrous, base broadly cuneate, apex acuminate; lateral veins 5 or 6 on each side of midrib. Inflorescences racemose, 1–4 cm, terminal, few flowered. Calyx pale red, tubular, irregular, ca. 1.8 cm, 3–5-lobed. Corolla golden yellow, campanulate, 3.5–5 × ca. 1.5 cm, papenuous adaxially; tube ca. 5 mm in diam. at base; lobes reniform-triangular, ca. 1 cm in diam. Capsule ca. 40 cm × 5 mm;

septum compressed rounded. Seeds ovoid, including wing ca. 1.2 cm, membranous. Fl. Apr.

Slopes, forests; 300–600 m. Guangdong, Hainan, Yunnan [Cambodia, Laos, Thailand].