

2. **DAVIDIA** Baillon, *Adansonia* 10: 114. 1871.

珙桐属 gong tong shu

Trees deciduous, polygamous. Leaf blade ovate, membranous, base cordate, margin serrate. Heads terminal, globose, pedunculate; bracts 2(or 3), white, 7–16 × 3–5 cm, larger one pendulous. Staminate flowers without perianth; stamens 1–7, inserted on receptacle; filaments slender, glabrous; anthers introrse, purple. Pistillate or bisexual flower 1, inserted at top of head; perianth segments small, unequal in size; ovary inferior, connected to receptacle, 6–10-loculed, ovule 1 per locule; style short, stout, 6–10-lobed; stigmas inflated. Drupe purple-green or pale brown, with yellowish dots, oblong-ovoid to ellipsoidal; mesocarp fleshy; endocarp bony, sulcate. Seeds 3–5; embryo erect, radicle terete, cotyledons oblong.

- One species: China.

1. **Davidia involucrata** Baillon, *Adansonia* 10: 115. 1871.

珙桐 gong tong

Trees to 20 m high, with ascending bark. Petiole red, 3.6–7 cm; leaf blade adaxially bright green, broadly ovate, 8–15 × 7–12 cm, abaxially densely silky pubescent, strongly veined, adaxially finally glabrous, base cordate, margin dentate-serrate with acuminate teeth, apex acuminate. Flower heads terminal, ca. 2 cm in diam. on slender peduncles ca. 7 cm, on short lateral spurs; bracts 2(or 3), opposite, ovate to oblong-obovate, margin entire or serrate, larger one to 16 cm, smaller one ca. 1/2 as long. Fruit usually solitary, green with purple bloom, pear-shaped, 3–4 × 1.5–2 cm. Fl. Apr, fr. Oct. $2n = 40^*$, 42^* .

- Montane mixed forests; 1100–2600 m. Guizhou, W Hubei, W Hunan, Sichuan, N Yunnan.

This species was listed as rare in China by Fang and Song (in Fu & Jin, *China Pl. Red Data Book* 1: 474–476. 1992).

- 1a. Leaves abaxially densely pubescent 1a. var. *involutrata*
- 1b. Leaves abaxially glabrous or scarcely

pubescent when young, sometimes
abaxially glaucous 1b. var. *vilmoriniana*

1a. **Davidia involucrata** var. **involutrata**

珙桐(原变种) gong tong (yuan bian zhong)

Davidia laeta Dode.

Leaves abaxially densely pubescent.

- Mixed forests; 1500–2200 m. N Guizhou, W Hubei, W Hunan, Sichuan, N Yunnan.

1b. **Davidia involucrata** var. **vilmoriniana** (Dode) Wangerin in Engler, *Pflanzenr.* 41(IV. 220a): 19. 1910.

光叶珙桐 guang ye gong tong

Davidia vilmoriniana Dode, *Rev. Hort. (Paris)* 80: 406. 1908; *D. involucrata* subsp. *vilmoriniana* (Dode) J. Holub.

Leaves abaxially glabrous or scarcely pubescent when young, sometimes abaxially glaucous.

- Forests; 1500–2000 m. Guizhou, W Hubei, Sichuan.

