

## 8. KALOPANAX Miquel, Ann. Mus. Bot. Lugduno-Batavi 1: 4, 16. 1863.

刺楸属 *ci qiu shu*

Trees, deciduous, hermaphroditic. Stems and branches often armed with prickles. Leaves simple, palmately lobed, borne on long and short shoots, margin serrate; stipules united with petiole, sheathing at base. Inflorescence a terminal, corymbose panicle of umbels, glabrous. Pedicels not jointed below ovary. Calyx shortly 5-toothed. Petals 5, valvate. Stamens 5. Ovary 2-carpellate; styles united at base, 2-cleft apically. Fruit a drupe, subglobose. Seeds flat; endosperm uniform.

One species: E Asia.

**1. *Kalopanax septemlobus*** (Thunberg) Koidzumi, Bot. Mag. (Tokyo) 39: 306. 1925.

刺楸 *ci qiu*

*Acer septemlobum* Thunberg in Murray, Syst. Veg., ed. 14, 912. 1784; *Acanthopanax ricinifolius* (Siebold & Zuccarini) Seemann; *A. ricinifolius* var. *maximowiczii* (Van Houtte) C. K. Schneider; *A. septemlobus* (Thunberg) Koidzumi ex Rehder; *A. septemlobus* var. *magnificus* (Zabel) W. C. Cheng; *A. septemlobus* var. *maximowiczii* (Van Houtte) W. C. Cheng; *Acer pictum* Thunberg; *Aralia maximowiczii* Van Houtte; *Kalopanax pictus* (Thunberg) Nakai; *K. pictus* var. *magnificus* (Zabel) Nakai; *K. pictus* f. *maximowiczii* (Van Houtte) H. Hara; *K. pictus* var. *maximowiczii* (Van Houtte) H. L. Li; *K. ricinifolius* (Siebold & Zuccarini) Miquel; *K. ricinifolius* var. *chinensis* Nakai; *K. ricinifolius* var. *magnificus* Zabel; *K. ricinifolius* var. *maximowiczii* (Van Houtte) Nakai; *K. septemlobus* var. *magnificus* (Zabel) Handel-Mazzetti; *K. septemlobus* f. *maximowiczii* (Van Houtte) H. Ohashi; *K. septemlobus* var. *maximowiczii* (Van Houtte) Handel-Mazzetti; *Panax ricinifolius* Siebold & Zuccarini.

Trees, to 30 m tall. Trunk to ca. 1 m in diam.; branches

stout, with numerous prickles. Petiole glabrous, 8–50 cm; leaf blade suborbicular, 9–25(–35) cm wide, papery, abaxially dark green and glabrous or nearly so, adaxially light green and usually slightly pubescent when young, 5–7-lobed; lobes broadly triangular-ovate to oblong-ovate, base cordate or rounded to nearly truncate, margin serrate, apex acuminate. Inflorescence 18–25 × 20–30 cm; peduncle 2–6 cm; umbels 1–2.5 cm in diam.; pedicels 5–10 mm, glabrous or slightly pubescent. Corolla white or yellowish green. Fruit dark blue at maturity, 3–5 mm in diam.; styles 2, united below, apical branches recurved. Fl. Jul–Aug, fr. Sep–Oct.  $2n = 48$ .

Forests; near sea level to 2500 m. Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hebei, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Liaoning, Shaanxi, Shandong, Shanxi, Sichuan, Yunnan, Zhejiang [Japan, Korea, Russia].

This species is used for timber, medicinal purposes, and as an ornamental.

Two varieties (*Kalopanax septemlobus* var. *septemlobus* and var. *magnificus*) have sometimes been distinguished on the basis of minor leaf characters, but they were not retained in the most recent authoritative treatment of the genus (Ohashi, J. Jap. Bot. 69: 28–31. 1994).

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