

**1. BORTHWICKIA** W. W. Smith, Trans. & Proc. Bot. Soc. Edinburgh 24: 175. 1912.

节蒴木属 *jie shuo mu shu*

Shrubs or small trees, evergreen. Twigs quadrangular with rounded angles. Stipules absent. Leaves opposite, palmately ternate compound; petiole long; leaflet blade margins entire. Inflorescences terminal, racemes; bract at base of pedicels, linear, simple except 1 or 2 on basalmost pedicel pairs with (1 or)3 leaflets. Flower parts spirally arranged on receptacle. Sepals 5–8, connate, forming a tube, membranous. Petals 5–8, distinct, erect, obviously shorter than calyx tube, proximally valvate and distally imbricate. Stamens 60–70 at summit of gynophore. Nectary conical, ascending from petal base to stamen base, surrounding androgynophore. Ovary linear, distally with 4–6 vertical grooves and ridges, 4–6-locular, with axile placentae, each locule with ovules in 2 rows. Fruit a capsule, linear, terete, dehiscent along ventral suture from base to apex leaving persistent axis with 4–6 ridges. Seeds reniform; embryo bent, scarcely differentiated.

One species: S China, Myanmar.

**1. *Borthwickia trifoliata*** W. W. Smith, Trans. & Proc. Bot. Soc. Edinburgh 24: 175. 1912.

节蒴木 *jie shuo mu*

Shrubs or small trees, 1–6 m tall. Twigs pale green, drying to yellow green, with dense short white pubescence, later glabrescent, fragrant when fresh and after drying. Petiole (3–)5–13(–20) cm; petiolules ca. 1 cm; leaflet blades membranous, abaxially with white short pubescence on veins, adaxially glabrous, midvein abaxially flat and adaxially raised, secondary veins 7–9 on each side of midvein, reticulate veins visible on both surfaces; lateral leaflet blades ovate lanceolate, slightly smaller than terminal one, base asymmetric; terminal leaflet oblong, elliptic, lanceolate, or sometimes obovate-lanceolate, (5–)8–20(–30) × (1.5–)4–10(–16) cm. Inflorescences 8–20 cm, sessile, axis with dense white short pubescence; bracts 1–1.5 cm, deciduous. Flower buds ivory-colored, awl-shaped, terete, ca. 15 × 5–6 mm. Pedicel 1.2–1.5 cm, trichomes like those on axis. Sepals ca. 1 cm, with short white pubescence on both surfaces, tube rupturing on one side at anthesis. Petals white, oblong to spatulate, 1.5–1.8 cm, ± equal, 1/3–1/2 as long as calyx tube, proximally thick, distally membranous, glabrous, margin ciliate. Androgynophore ca. 5 mm; stamens 60–70. Ovary linear, 1–1.5 cm, 4–6-locular, ridged. Capsule moniliform, 6–9 cm × 4–6 mm, base attenuate, apex with a 3–5 mm beak; pericarp drying blackish brown, thin. Seeds 4–6 per capsule, 2–3 mm,

base truncate, apex pointed; embryo ca. 2 mm. Fl. Apr–Jun, fr. Aug–Sep.

Wet valleys, forests, ravines; 300–1400 m. S Yunnan [E and N Myanmar].

CAPPARACEAE