

6. TURRAEA Linnaeus, Mant. Pl. 2: 150. 1771.

杜楝属 du lian shu

Peng Hua (彭华); David J. Mabberley

Trees or shrubs. Leaves alternate, usually simple, petiolate; leaf blade margin entire or sometimes crenate. Flowers bisexual, axillary, solitary or sometimes forming racemes or corymbs. Calyx cup-shaped or campanulate, short, 4- or 5-lobed. Petals 4 or 5, distinct, linear to spatulate, much longer than sepals, imbricate or contorted in bud. Staminal tube cylindrical, long, thin, apex inflated and lobed; anthers 8–10(–20), inserted between lobes, included or \pm exerted. Disk annular or absent. Ovary subglobose to elliptic, small, glabrous, 4-locular or more, with 2 anatropous ovules per locule; style filiform, exerted from tube; stigma disciform, capitate, or ampuliform. Fruit a loculicidal capsule, 4-locular or more, with 1 or 2 seeds per locule; pericarp leathery or woody. Seeds oblong to ellipsoid, \pm curved, smooth, with one broad and compound hilum; endosperm fleshy; cotyledons leaflike; radicle cylindrical.

About 60 species: tropical Africa, Asia, Australia, and Madagascar; one species in China.

1. Turraea pubescens Hellenius, Kongl. Vetensk. Acad. Nya Handl. 9: 308. 1788.

杜楝 du lian

Shrubs 2–3 m tall. Young branches brown, with longitudinal stripes, covered with yellow trichomes, glabrescent. Petiole usually 5–10 mm, yellow pubescent; leaf blade elliptic, ovate, or sometimes obovate, 5–10 \times 2–4.5 cm, both surfaces pubescent especially when young, secondary veins 8–10 on each side of midvein and abaxially \pm prominent, base cuneate to sometimes nearly rounded, margin entire or sometimes crenate to sinuous, apex acuminate to acute. Racemes axillary, corymbiform, 4- or 5-flowered; peduncle very short, pubescent; bractlets lanceolate, pubescent. Pedicel ca. 1.2 cm. Calyx campanulate, 2–3 mm, outside pubescent, 5-lobed, lobes triangular. Petals 5, white, distinct, linear to spatulate, 3–4.5 cm, apex acute. Staminal tube cylindrical, long, thin, apex inflated and 4- or 5-lobed, lobes 1–2 \times as long as anthers, glabrous, and tips usually 2-cleft; anthers 10, inserted below lobes of tube. Disk ca.

1 mm high, glabrous. Ovary short, 5-locular, with 2 anatropous ovules per locule; style long, exerted from filament tube; stigma ampuliform. Capsule globose, 1–1.5 cm in diam., 5-locular, with 1 seed per locule. Seeds oblong to ellipsoid, ca. 7 \times 3 mm, \pm curved and lunate. Fl. Apr–Jul, fr. Aug–Nov.

Sparse forests near ocean, thickets in low-altitude hilly regions. SW Guangdong (Leizhou Banda), S Guangxi, W Hainan [India, Indonesia, Laos, Papua New Guinea, Philippines, Thailand, Vietnam; E Australia].

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