

4. **KHAYA** A. Jussieu, Bull. Sci. Nat. Géol. 23: 238. 1830.

非洲楝属 fei zhou lian shu

Peng Hua (彭华); David J. Mabberley

Trees, monoecious. Leaves in spirals, even-pinnate; leaflet blades glabrous, margin entire. Thyrses axillary or subterminal. Flowers appearing bisexual. Calyx 4- or 5-parted almost to base, imbricate. Petals 4 or 5, distinct, contorted, much longer than calyx when in bud. Staminal tube urceolate, kettlelike, or cup-shaped; anthers 8–10, inserted on inside apical part of tube. Disk cushion-shaped. Ovary 4- or 5-locular, with 12–16(–18) amphitropous ovules per locule; stigma disciform, with 4 grooves on apex. Capsule globose or suborbicular, woody, apically 4- or 5-valvate when mature. Seeds with vestigial endosperm; cotyledons flat, collateral; radicle lateral.

About six species: tropical Africa, Madagascar; one species (introduced) in China.

1. **Khaya senegalensis** (Desrousseaux) A. Jussieu, Mém. Mus. Hist. Nat. 19: 250. 1832.

Cultivated. Fujian, Guangdong, Guangxi, Hainan, Taiwan [native to tropical Africa].

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This species is usually grown as an ornamental. The wood is used as construction material, the leaves as animal feed, and the roots as medicine.

Swietenia senegalensis Desrousseaux in Lamarck, Encycl. 3: 679. 1791.

Trees to 25 m tall or more. Bark exfoliating. Young branches with dark grayish brown lenticels. Leaves 15–60 cm or more; petiole and rachis cylindric, glabrous; leaflets 8–32, subopposite to alternate, apical 2 pairs opposite; petiolules 5–10 mm; leaflet blades basally on rachis ovate but apically on rachis oblong to elliptic, 7–17 × 3–6 cm, abaxially greenish white, adaxially dark green, secondary veins 9–14 on each side of midvein and prominent on both surfaces when dry, base broadly cuneate to ± rounded, margin entire, apex mucronate to acuminate. Thyrses shorter than leaves, glabrous. Sepals 4, distinct, oblong, ca. 1 mm. Petals 4, oblong to obovate, ca. 3 mm, glabrous. Staminal tube urceolate. Ovary ovoid, usually 4-locular, with amphitropous ovules. Capsule globose, woody, septifragal from apex when mature; pericarp thick. Seeds ellipsoid to suborbicular, broad, margin with a round membranous wing.

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