

7. STEREOSPERMUM Chamisso, Linnaea 7: 720. 1833.

羽叶楸属 yu ye qiu shu

Dipterosperma Hasskarl.

Trees deciduous. Leaves 1-pinnately compound, opposite; leaflets entire, elliptic or elliptic-lanceolate. Inflorescences cymose-paniculate, terminal. Calyx campanulate, 5-dentate, sometimes unequal. Corolla lobes subequal, rounded or lacerate, tube small, yellow or pale red. Stamens 4, didynamous, included; anthers divergent. Disc cushionlike. Ovary sessile; ovules numerous, in 1 to several rows. Capsule dehiscent loculicidally, terete, slender, ± 4-angular; septum terete, woody. Seeds inserted in septum, transparent and membranous winged at both ends.

About 15 species: tropical Asia, tropical Africa; three species in China.

- 1a. Leaflets scabrous, densely pubescent, apex bluntly acute to obtuse 3. *S. neuranthum*
- 1b. Leaflets nearly smooth on both sides, glabrous, apex acuminate to caudate.
 - 2a. Flowers yellow-white; calyx glabrous 1. *S. colais*
 - 2b. Flowers red-brown; calyx densely puberulent 2. *S. strigillosum*

1. **Stereospermum colais** (Buchanan-Hamilton ex Dillwyn) Mabblerley, *Taxon* 27: 553. 1978.

羽叶楸 yu ye qiu

Bignonia colais Buchanan-Hamilton ex Dillwyn, *Rev. Hort.* 6(26): 28. 1839; *Dipterosperma personatum* Hasskarl; *Stereospermum colais* var. *puberula* (Dop) D. D. Tao; *S. personatum* (Hasskarl) Chatterjee; *S. personatum* var. *puberula* Dop; *S. tetragonum* de Candolle.

Trees 15–20(–35) m tall. Trunk 15–25(–80) cm in diam. Leaves 25–50 cm; leaflets 3–6 on each side of midrib, long elliptic, 8–14 × 2.5–6 cm, pubescent or glabrous. Inflorescences paniculate, terminal, 20–40 cm; peduncle pubescent or glabrous; bract and bractlets deciduous. Pedicel 3–4 mm, pubescent or glabrous. Flowers many. Calyx campanulate, purple, pubescent or glabrous, 4–5 × 4–5 mm, 3–5-lobed. Corolla pale yellow, slightly curved, ca. 2 cm, upper lip 2-lobed, lower lip 3-lobed, tomentose at mouth, tube terete. Filaments ca. 1 cm, glabrous. Stigma 2-lobed. Capsule terete, 4-angular, slightly curved, 30–70 cm, ca. 1 cm in diam.; pericarp thick, subwoody; septum 4–7 mm in diam. Seeds ovoid, white membranous winged at apices, including wing ca. 2.8 cm, ca. 5 cm in diam. Fl. May–Jul, fr. Sep–Nov. $2n = 40$.

Forests, slopes; 400–1800 m. Guangxi, Guizhou, Hainan, Yunnan [Bangladesh, Bhutan, Cambodia, India, Indonesia (Sumatra), Laos, Malaysia, Myanmar, Nepal, Sikkim, Sri Lanka, Thailand, Vietnam].

2. **Stereospermum strigillosum** C. Y. Wu & W. C. Yin in C. Y. Wu, *Fl. Yunnan*. 2: 710. 1979.

伏毛萼羽叶楸 fu mao e yu ye qiu

Trees ca. 5 m tall. Leaflets 7–9, long elliptic, 10–19 × 4–6.5 cm, base broadly cuneate, margin entire, apex acuminate; lateral veins 11 or 12 on each side of midrib, convex abaxially; petiolules 5–7 mm; leaf rachis 14–16 cm. Inflorescences paniculate, terminal, ca. 20 cm. Calyx ca. 10 × 5 mm, densely puberulent; teeth ovate-

triangular. Corolla radial, red, tube short. Capsule long terete, curved, 15–40 cm, slightly 4-angular; pericarp thin leathery. Seeds ovoid, ca. 2.5 cm. Fl. Jul.

• Forests, slopes, humid places; ca. 100 m. S Yunnan.

3. **Stereospermum neuranthum** Kurz, *J. Asiat. Soc. Bengal*, Pt. 2, Nat. Hist. 42(2): 91. 1873.

毛叶羽叶楸 mao ye yu ye qiu

Trees deciduous, ca. 12 m tall. Young branches pubescent. Leaf rachis pubescent, 14–24 cm; leaflets 3–7(–9), broadly elliptic, 8–14 × 5–10 cm, scabrous and densely broadly cuneate, oblique, margin entire, pubescent adaxially, densely puberulent abaxially, base apex acute to rounded; lateral veins 7 or 8 on each side of midrib; petiolules ca. 1 cm. Inflorescences cymose, terminal, 4–12 cm. Corolla ca. 2.5 cm, pale purple, dark purple striate. Capsule long terete, curved, 20–47 cm × ca. 8 mm, slightly 4-angular; pericarp black, thin leathery. Seeds ovoid, less than 3 cm, indistinctly membranous winged. Fr. Feb–Mar.

Slopes, forests; 500–1600 m. SW Yunnan [Cambodia, India (Manipur), Laos, Myanmar, Thailand, Vietnam].

