5. **OXYSPORA** Candolle, Prodr. 3: 123. 1828.

尖子木属 jian zi mu shu

shrubs. stems 4-sided or obtusely 4-sided, channeled. leaves petiolate; leaf blade stiffly papery to sometimes membranous, secondary veins 2 or 3 on each side of midvein, margin denticulate. inflorescences terminal, a cymose panicle, with 2(or 3) leaflike bracts at base. bractlets and bracteoles very small, cadaceous. calyx lobes shortly and broadly triangular or shortly triangular-ovate, apex acute and apiculate. petals pink, red, or dark red, ovate, apex apiculate and puberulous. stamens 8, whorls unequal in length. longer stamens purple; connective swollen and usually not extended at base into a spur. shorter stamens yellow; connective usually extended at base into a short spur. ovary inferior, 4-celled, glabrous. capsule obovoid or ovoid, 4-poriciidal; hypanthium narrowly funnelform, apically contracted, 8-ribbed. seeds numerous, small, triangular-lanceolate, angular.

number of species unclear: bhutan, cambodia, china, india, laos, myanmar, nepal, thailand, vietnam; four species (one endemic) in china.

the number of species in *oxyspora* is unclear because of problems with the separation from *allomorpha* (see comment under that genus above).

1a. leaf blade abaxially glabrous.

2a. leaf blade 6–13 × 2.5–4.2 cm; inflorescences 10–20 cm ................................................................. 2. *O. yunnanensis*

2b. leaf blade 15–32 × 5–12 cm; inflorescences 20–40 cm ................................................................. 4. *O. cernua*

1b. leaf blade abaxially furfuraceous stellate or furfuraceous squamose at least on veins.

3a. inflorescences 20–30 cm, more than 10 cm wide ............................................................... 1. *O. paniculata*

3b. inflorescences 12–25 × 2.6–6 cm ................................................................. 3. *O. vagans*

1. **oxyspora paniculata** (D. Don) Candolle, Prodr. 3: 123. 1828.

尖子木 jian zi mu


shrubs 1–2(–6) m tall. stems 4-sided to obtusely 4-sided, furfuraceous stellate and sparsely puberulous-setose. petiole 1–7.5 cm, densely furfuraceous stellate; leaf blade lanceolate-oblong to obovate, 6–13 × 2.5–4.2 cm, stiffly papery to papery, abaxially glabrous, adaxially puberulous with trichomes inflated at base, secondary veins 3 on each side of midvein, base rounded to subcordate, margin denticulate, apex acuminate. inflorescences terminal, a cymose panicle, 10–20 × ca. 7 cm, puberulous or glabrous, with 2 leaflike bracts at base. bractlets and bracteoles lanceolate to subulate, very small. hypanthium narrowly funnelform, ca. 5 mm, obtusely 4-sided, puberulous or glabrescent. calyx lobes broadly triangular, 1–1.5 mm, apex acute and apiculate. petals pink to red, ovate, ca. 1 cm, apically ciliate. longer stamens with connective swollen and slightly extended at base. shorter stamens with connective shortly spurred. capsule obovoid, ca. 6 × 4 mm, 4-sided; hypanthium funnelform, longitudinally 8-ribbed, apically contracted. fl. ca. aug, fr. oct–nov.

● dense mixed forests, stream banks, rock crevices; 1300–2800 m. guizhou, yunnan.


滇尖子木 dian jian zi mu

*Oxyspora glabra* H. L. Li; *O. paniculata* (D. Don) Candolle var. *yunnanensis* (H. L. Li) J. F. Maxwell.

shrubs 1–2 m tall. stems 4-sided, patently setose or not when young. petiole 0.5–1.5 cm; leaf blade lanceolate-oblong to obovate, 6–13 × 2.5–4.2 cm, stiffly papery to papery, abaxially glabrous, adaxially puberulous with trichomes inflated at base, secondary veins 2 on each side of midvein, base cuneate to subrounded, margin denticulate to subentire, apex acuminate. inflorescences terminal, a cymose panicle, 10–20 × ca. 7 cm, puberulous or glabrous, with 2 leaflike bracts at base. bractlets and bracteoles lanceolate to subulate, very small. hypanthium narrowly funnelform, ca. 5 mm, obtusely 4-sided, puberulous or glabrescent. calyx lobes shortly triangular-ovate, ca. 1 mm, apex acute and apiculate. petals pink, red, or dark red, ovate, ca. 7 mm. longer stamens with connective swollen but not spurred. shorter with connective shortly spurred. capsule obovoid, ca. 8 × 6 mm; hypanthium narrowly funnelform. fl. jul–sep(–oct), fr. jan–mar(–may).

● mixed forests, stream banks, valleys, moist places; 500–2000 m. guangxi, guizhou, xizang (mêdog), yunnan [bhutan, cambodia, india, laos, myanmar, nepal, vietnam].


刚毛尖子木 gang mao jian zi mu

**Melastoma vagans** Roxburgh, Fl. Ind., ed. 1832, 2: 404. 1832; **Homocentria vagans** (Roxburgh) Naudin; **Oxyspora paniculata** (D. Don) Candolle var. vagans (Roxburgh) J. F. Maxwell.

Shrubs 1–2 m tall. Stems obtusely 4-sided or terete, with densely patently glandular trichomes when young. Petiole 1.5–5.5(--6) cm, with dense glandular trichomes; leaf blade ovate to elliptic, 11–16.5(--19) × 5–7.5(--9) cm, papery to nearly membranous, both surfaces furfuraceous squamose, secondary veins 2 or 3 on each side of midvein, base rounded to subcordate, margin denticulate with each tooth having a terminal seta, apex acuminate. Inflorescences terminal, a cymose panicle, 12–25 × 2.6–6 cm, furrfuraceous stellate, with 2 leaflike bracts at base. Bractlets and bracteoles subulate, ca. 1 mm, caducous. Hypanthium narrowly urceolate, ca. 6 mm, longitudinally 8-ribbed. Calyx lobes inconspicuous, apex apiculate. Petals pink to red, ovate, ca. 6 mm. Longer and shorter stamens with connective swollen and shortly spurred at base. Ovary fusiform. Capsule elliptic, ca. 5.5 × 4 mm; hypanthium urceolate, apically contracted. Fl. Oct, fr. Mar.

Sparse or dense mixed forests, stream banks, moist places; 700–1000 m. Guangxi, Xizang (Mêdog), Yunnan [India, Myanmar, Thailand].


**墨脱尖子木** mo tuo jian zi mu

**Melastoma cernuum** Roxburgh, Fl. Ind., ed. 1832, 2: 404. 1832 [“cernua”].

Shrubs 1–2 m tall. Stems 4-sided, furrfuraceous stellate. Petiole 0.5–4 cm, densely furrfuraceous; leaf blade ovate, elliptic-ovate, or subelliptic, 15–32 × 5–12 cm, stiffly papery, abaxially glabrous, furrfuraceous only on veins, adaxially furrfuraceous or glabrous, secondary veins 2 on each side of midvein, base rounded to subcordate, margin entire or subentire, apex acuminate. Inflorescences terminal, a cymose panicle, 20–40 cm, furrfuraceous; peduncle narrowly winged, basally with 2 or 3 bracts; bracts sessile, leaflike, 2–6 × 1.5–4.5 cm, base cordate. Bractlets and bracteoles lanceolate to subulate, 1–3 mm. Hypanthium narrowly funnelform, 0.5–1 cm, longitudinally 8-ribbed, glabrous or furrfuraceous. Calyx lobes broadly triangular-ovate, 1–1.2 mm, apex acute and apiculate. Petals pink to red, oblong, 1–1.2 × 0.6–0.8 cm. Longer with connective swollen but not extended at base. Shorter stamens with connective not spurred. Capsule obovoid, 9–13 × ca. 5 mm; hypanthium narrowly funnelform, furrfuraceous. Fl. Sep–Nov.

Mixed forest margins, thickets, valleys, moist places; 600–1200 m. SE Xizang [Bhutan, India].