

2. YUA C. L. Li, Acta Bot. Yunnan. 12: 2. 1990.

俞藤属 *yu teng shu*

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Lianas, woody, hermaphroditic, with lenticels and white pith. Tendrils 2-branched. Leaves palmately penta-foliolate. Compound dichasium leaf-opposed. Flowers 5-merous. Calyx cupular, entire. Petals 5, coherent in bud, opening at anthesis and falling off separately. Stamens usually 5. Disk inconspicuous. Style conspicuous; stigma inconspicuously enlarged. Berry spherical, sweet and sour in taste. Seed flat, pyriform, base rostrate, apex retuse, ventral holes furrowed upward 2/3 from base; cross-section of endosperm M-shaped. $2n = 40^*$.

Two species: China, India, Nepal; two species (one endemic) in China.

- 1a. Leaves papery, margin with fine, sharp teeth, veinlets conspicuous but not raised; fruit 1–1.3 cm in diam. 1. *Y. thomsonii*
- 1b. Leaves subleathery, margin with rounded teeth, rarely inconspicuous, veinlets obviously raised when dried; fruit 1.5–2.5 cm in diam. 2. *Y. austro-orientalis*

1. *Yua thomsonii* (M. A. Lawson) C. L. Li, Acta Bot. Yunnan. 12: 5. 1990.

俞藤 *yu teng*

Branchlets brown, terete; young branches slightly ridged; tendrils bifurcate. Leaves papery, palmately 5-foliolate; petiole 2.5–6 cm; leaflets lanceolate or obovate-lanceolate, 2.5–7 × 1.5–3 cm, abaxially usually glaucous, sometimes pubescent on veins, veinlets conspicuous but not raised, lateral veins 4–6 pairs, base cuneate, margin with 4–7 fine, sharp teeth on each side, apex acuminate or caudate-acuminate. Compound dichasium leaf-opposed. Petals (4 or)5, 3–3.5 mm. Stamens (4 or)5; filaments ca. 2.5 mm; anthers elliptic, ca. 1.5 mm. Pistil ca. 3 mm; style slender. Berry black-purple, 1–1.3 cm in diam. Seed 5–6 × ca. 4 mm, apex slightly retuse. Fl. Apr–Jun, fr. Jul–Oct.

Forests on hillsides, on trees, hillsides, valleys, disturbed areas; 200–2700 m. Anhui, SW Fujian, Guangxi, Guizhou, Henan, Hubei, Hunan, Jiangsu, Jiangxi, Sichuan, Taiwan, Yunnan, Zhejiang [India, Nepal].

- 1a. Branchlets, petioles, and peduncles glabrous; leaflets abaxially glabrous or sparsely pubescent on veins 1a. var. *thomsonii*
- 1b. Leaflets pubescent at least abaxially on veins 1b. var. *glaucescens*

1a. *Yua thomsonii* var. *thomsonii*

俞藤(原变种) *yu teng* (*yuan bian zhong*)

Vitis thomsonii M. A. Lawson in J. D. Hooker, Fl. Brit. India 1: 657. 1875 [*"thomsoni"*]; *Cayratia thomsonii* (M. A. Lawson) Suessenguth; *Cissus thomsonii* (M. A. Lawson) Planchon; *Parthenocissus thomsonii* (M. A. Lawson) Planchon; *Pseodera thomsonii* (M. A. Lawson) Stuntz.

Branchlets, petioles, adaxial leaflet surface, peduncles, pedicels, and petals glabrous; abaxial leaflet surface glabrous or sparsely pubescent on veins. Fl. May–Jun, fr. Jul–Sep.

Forests on hillsides; 200–1300 m. Anhui, SW Fujian, Guangxi, SE Guizhou, Hubei, Hunan, Jiangsu, Jiangxi, SE Sichuan, Taiwan, Zhejiang [India, Nepal].

1b. *Yua thomsonii* var. *glaucescens* (Diels & Gilg) C. L. Li, Acta Bot. Yunnan. 12: 6. 1990.

华西俞藤 *hua xi yu teng*

Parthenocissus henryana (Hemsley) Graebner ex Diels & Gilg var. *glaucescens* Diels & Gilg, Bot. Jahrb. Syst. 29: 464. 1900; *Yua chinensis* C. L. Li.

Leaflets pubescent at least abaxially on veins. Fl. Apr–Jun, fr. Aug–Oct.

• Hillsides, valleys; 1700–2700 m. Guizhou, Henan (Lushi), Hubei, Sichuan, Yunnan.

2. *Yua austro-orientalis* (F. P. Metcalf) C. L. Li, Acta Bot. Yunnan. 12: 7. 1990.

大果俞藤 *da guo yu teng*

Parthenocissus austro-orientalis F. P. Metcalf, Bull. Fan Mem. Inst. Biol., n.s., 1: 132. 1948.

Branchlets brownish or gray-brownish, terete, with many lenticels, glabrous; tendrils bifurcate. Leaves subleathery, palmately 5-foliolate; petiole 3–6 cm; petiolules 0.2–1.2 cm, glabrous, central petiolule longer than lateral ones; leaflets obovate-lanceolate or obovate-elliptic, 5–9 × 2–4 cm, glabrous, abaxially usually glaucous, veinlets conspicuously raised when dry, lateral veins 6–9 pairs, base cuneate, margin 2–5-toothed on each side, rarely teeth inconspicuous, apex acute, shortly acuminate, or obtuse. Compound dichasium leaf-opposed, glaucous, glabrous; peduncles 1.5–2 cm. Pedicels 3–6 mm. Buds elliptic, 2–3.5 mm. Petals 5, ca. 3 mm. Filaments 3–3.8 mm; anthers yellow, elliptic, ca. 2 mm. Pistil 2–2.5 mm; style attenuate. Berry 1.5–2.5 cm in diam., amaranthine, sweet and sour in taste. Seed slightly flattened, 6–8 × ca. 5 mm. Fl. May–Jul, fr. Oct–Dec.

• Forests or shrublands in valleys; 100–900 m. Fujian, Guangdong, Guangxi, Jiangxi.

