

**4. SINOPODOPHYLLUM** T. S. Ying, Acta Phytotax. Sin. 17(1): 15. 1979.

桃儿七属 tao er qi shu

Ying Junsheng (应俊生 Ying Tsun-shen); David E. Boufford, Anthony R. Brach

Herbs, perennial. Rhizomes stout, shortly nodose; aerial stems erect, with large brown scales at base. Leaves 2, simple, petio-lulate; base cordate, apex 3–5-dissected, usually to ca. midway or more, sometimes partitions 2- or 3-lobed. Inflorescence terminal. Flowers appearing before leaves, bisexual, solitary, pink, large. Sepals 6, caducous. Petals 6, open. Anthers basifixed, dehiscing longitudinally. Pistils 1; ovary ellipsoid, 1-loculed, with numerous ovules. Fruit a berry. Seeds numerous, without fleshy arils. Pollen grains in tetrads.  $2n = 12^*$ ,  $14^*$ .

One species: E Afghanistan, Bhutan, China, N India, Kashmir, Nepal, and Pakistan.

*Sinopodophyllum* was included within *Podophyllum* by Shaw (in Stearn, Gen. *Epimedium*, 258. 2002).

**1. Sinopodophyllum hexandrum** (Royle) T. S. Ying in C. Y. Wu, Fl. Xizang, 2: 119. 1985.

桃儿七 tao er qi

*Podophyllum hexandrum* Royle, Ill. Bot. Himal. Mts. 1: 64. 1834; *P. emodi* Falconer ex Royle; *P. emodi* var. *chinense* Sprague; *Sinopodophyllum emodi* (Falconer ex Royle) T. S. Ying.

Plants 20–50 cm tall. Stems solitary, angulate, glabrous. Leaf petiole 10–25 cm; leaf blade orbicular, not peltate, 11–20 × 18–30 cm, thinly papery, abaxially pubescent, adaxially glabrous, base cordate, 3–5-dissected to ca. midway or more, often partitions 2- or 3-lobed, apex of lobes acute or acuminate, margin entire or coarsely dentate, teeth apiculate. Petals obovate or obovate-oblong, 2.5–3.5 × 1.5–1.8 cm, apex slightly sinuate. Stamens ca. 1.5 cm; filaments slightly shorter than anthers, 4–6 mm; anthers linear, 5–7 × 1.2–1.9 mm, apex rounded, obtuse; anther connective not prolonged. Pistils ca. 1.2 cm; ovary with parietal placentation; style short, 1–3 mm. Berry red, ovoid-globose, 4–7 × 2.5–4 cm, fleshy. Seeds maroon, ovoid-triangular. Fl. May–Jun, fr. Jul–Sep.

Forests, thickets, wet forest margins, weedy places, meadows; 2200–4300 m. Gansu, Qinghai, Shaanxi, Sichuan, Xizang, Yunnan [E Afghanistan, Bhutan, N India, Kashmir, Nepal, Pakistan].

Fl. China 19: 783. 2011.