

2. **SECURIDACA** Linnaeus, Syst. Nat., ed. 10, 2: 1151, 1155. 1759, nom. cons., not Linnaeus (1753).

蝉翼藤属 chan yi teng shu

Shrubs scandent. Leaves simple, alternate; nodal glands present, veinlets reticulate. Inflorescences racemose or paniculate, terminal or axillary. Flowers zygomorphic, small, with bracts. Sepals 5, caducous, unequal; outer 3 small; inner 2 petaloid, large. Petals 3, lateral petals and keel connate or free, keel helmet-shaped, with apical appendage. Stamens 8; filaments united in lower part, forming trough-shaped sheath open on upper side and adnate to petals; anthers 2-celled, ovoid, dehiscent by oblique pores. Disk reniform. Ovary 1-loculed; ovule 1, anatropous, pendulous; style falcate, curved; stigma short, lobed or not. Fruit usually a samara, with 1 seed; wing oblong or rhombic-oblong, leathery, veins numerous. Seed subglobose, without endosperm, without strophiole; seed coat membranous.

About 80 species: primarily in tropical America, a small number of species distributed in tropical regions of Africa and Asia; two species (one endemic) in China.

- 1a. Inflorescences shorter than 12 cm, few flowered; fruiting body 12–16 mm in diam., winged and with winged appendage 1. *S. yaoshanensis*
1b. Inflorescences longer than 12 cm, more densely flowered; fruiting body 7–15 mm in diam., winged but without winged appendage 2. *S. inappendiculata*

1. **Securidaca yaoshanensis** K. S. Hao, Repert. Spec. Nov. Regni Veg. 40: 213. 1936.

瑶山蝉翼藤 yao shan chan yi teng

Shrubs 2–3 m tall. Stem ± terete, slightly furrowed. Branchlets yellow-brown to deep castaneous, or yellowish, very shortly thinly strigose. Petiole 4–7 mm, slightly and thinly strigose, with 2 “mushroom-shaped” glands at base; leaf blade greenish, ovate-oblong, 5–10.5 × 3.5–4 cm, thickly papery or leathery, abaxially glabrous or very shortly and thinly strigose, adaxially glabrous, midvein raised abaxially, sunken adaxially, lateral veins 5–7 pairs, base rounded, margin entire, slightly recurved, apex acuminate. Panicles terminal or axillary, 5–11 cm, yellow strigose; pedicels 1–1.4 cm, glabrous; bracteoles 3, caducous, triangular-subulate, unequal, sparsely yellow strigose. Sepals 5, outer 3 ovate, subequal, small, ca. 3 × 2 mm, apex obtuse; inner 2 petaloid, suborbicular, large, ca. 5 mm in diam., base cuneate, apex retuse, ciliate. Petals 3, connate below middle, purplish red, ca. 6 mm, keel with small appendage; lateral petals shorter, ca. 4 mm. Ovary compressed, ovoid-oblong, ca. 1.5 mm, 1-loculed; ovule 1; style ca. 3.5 mm, smooth; stigma capitate, slightly lobed. Samara green-purple, with wing and wing-shaped appendage; wing oblong or subrhombic, 5–6 × 1.6–2 cm, leathery, with much-curved veins; body of fruit subglobose, 1.2–1.6 cm in diam., fruit coat thick, hard, indehiscent, with conspicuous reticulate veins. Seed 1, subglobose, 8–16 mm in diam. Fl. Jul, fr. Oct.

- Forests; 1000–1500 m. Guangdong, Guangxi, Yunnan.

2. **Securidaca inappendiculata** Hasskarl, Pl. Jav. Rar. 295. 1848.

蝉翼藤 chan yi teng

Securidaca bracteata A. W. Bennett; *S. scandens* Buchanan-Hamilton ex Benth (1861), not Jacquin (1760), nor Lamarck ex Poiret (1806); *S. tavoyana* Wallich ex A. W. Bennett.

Shrubs ca. 6 m tall [large woody climbers to 20 m in Nepal]. Branchlets thin, densely sticky and shortly strigose. Leaves simple, alternate; petiole 5–8 mm, shortly strigose; leaf blade green, elliptic or obovate-oblong, 7–12 × 3–6 cm, papery or subleathery, densely sticky with short strigose hairs, sometimes adaxially glabrous, midvein raised abaxially, impressed adaxially, lateral veins 10–12 pairs, anastomosing near margin, veinlets reticulate, base obtuse to subrounded, margin entire, apex acute. Panicles terminal or axillary, 13–15 cm, shortly yellowish brown strigose; bracts caducous, minute. Sepals 5, unequal; outer 3 oblong-ovate, nearly equal, small, ca. 2 mm, apex obtuse, ciliate; inner 2 petaloid, large, ca. 7 × 5 mm, base clawed, apex obtuse, ciliate. Petals 3, basally connate, purplish red; lateral petals obtriangular, ca. 5 × 2.5 mm, apex truncate, keel weakly rounded, ca. 8 mm, apex with cucullate appendage. Ovary subglobose, ca. 1 mm in diam.; style curved, inclined to one side. Samara and fruit body globose, 7–15 mm in diam., fruit coat thick, hard, conspicuously veined, apex leathery winged; wing oblong, 6–8 × 1.5–2 cm, with strongly curved veins, base narrower, apex obtuse. Seed 1, brownish, ovoid, ca. 7 mm in diam. Fl. May–Aug, fr. Oct–Dec.

Dense forests in valleys; 500–1100 m. Guangdong, Guangxi, Hainan, Yunnan [Bangladesh, Cambodia, India, Indonesia, Laos, Malaysia, Myanmar, Nepal, Philippines, Thailand, Vietnam].

Fl. China 11: 141. 2008.