

**5. SOULIEA** Franchet, J. Bot. (Morot) 12: 69. 1898.

黄三七属 *huang san qi shu*

Li Liangqian (李良千); Michio Tamura

Herbs perennial. Rhizome robust. Stems with membranous scales at base. Leaves petiolate, 2 or 3 × ternately sect. Inflorescence racemose. Flowers actinomorphic. Sepals 5, petaloid, white, obovate or obovate-elliptic. Petals 5, flabellate-obovate, denticulate. Stamens numerous; filaments narrowly linear; anthers broadly ellipsoid. Follicles 1–3, broadly linear, shortly stalked, reticulate; persistent style short. Seeds many, black, narrowly ovoid-globose.

One species: Bhutan, China, Myanmar, Sikkim.

Elsewhere (Compton et al., Taxon 47: 593–634. 1998), *Souliea* has been transferred to *Actaea*. However, for the present account, as in FRPS, the authors have maintained *Souliea* as distinct, and regional advisor Rudolf V. Kamelin (pers. comm.) agrees.

**1. *Souliea vaginata*** (Maximowicz) Franchet, J. Bot. (Morot) 12: 70. 1898.

黄三七 *huang san qi*

*Isopyrum vaginatum* Maximowicz, Fl. Tangut. 18. 1889;  
*Actaea vaginata* (Maximowicz) J. Compton; *Coptis  
ospriocarpa* Brühl.

Rhizome robust, creeping, 4–9 cm in diam., branched, with fibrous roots. Stems more than 15 cm tall, to 75 cm at fruiting, glabrous or subglabrous, with 2–4 membranous broad scales at base. Cauline leaves ca. 2, glabrous, long petiolate; petiole 5–34 cm; leaf blade triangular, to 24 cm; primary segments ovate to broadly so, central secondary segments ovate-triangular, 4–7.5 × 3.5–6.5 cm, central tertiary segments rhomboid, 1- or 2-pinnatifid, unequally dentate at margin, lateral tertiary segments similar to central tertiary ones, oblique. Raceme 4–6-flowered; bracts ovate, membranous. Pedicel 1.2–1.4 cm. Flowers 1.2–1.4 cm in diam. Sepals 8–11 × 4–7 mm, 3-veined, margin irregularly shallowly wavy at apex, apex rounded. Petals 2.5–5.5 mm, multiveined. Stamens 4–7 mm. Follicles 1 or 2(or 3), 3.5–7 × 0.3–0.7 cm. Seeds 12–16, black when ripe, 3–4 mm. Fl. May–Jun, fr. Jul–Sep.  $2n = 16^*$ .

Forests, forest margins, grassy slopes; 2800–4000 m. S Gansu, E Qinghai, S Shaanxi, W Sichuan, SE Xizang, NW Yunnan [Bhutan, India, N Myanmar, Sikkim].

