

5. PLAGIORHEGMA Maximowicz, Mém. Acad. Imp. Sci. St.-Pétersbourg Divers Savans 9 [Prim. Fl. Amur.]: 34. 1859.

鲜黄连属 xian huang lian shu

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

Herbs, perennial. Rhizome slender, with dense fibrous roots branched; aerial stems absent. Leaves basal, simple, long petiolate; leaf blade suborbicular in gross outline, not lobed, glabrous, base deeply cordate, venation palmate. Inflorescence terminal; flowers solitary, pale purple. Sepals 6, caducous, petal-form. Petals 6. Stamens opposite petals; filaments flat. Pistils 1; stigma disciform; ovules numerous, placentation marginal. Capsules leathery, obliquely dehiscent longitudinally. Seeds numerous, black. $2n = 12$.

One species: China, Korea, and Russia.

Plagiorhegma was included within *Jeffersonia* by Stearn (Gen. *Epimedium*, 222. 2002).

1. Plagiorhegma dubium Maximowicz, Mém. Acad. Imp. Sci. St.-Pétersbourg Divers Savans 9 [Prim. Fl. Amur.]: 34. 1859.

鲜黄连 xian huang lian

Jeffersonia dubia (Maximowicz) Bentham & J. D. Hooker ex Baker & S. Moore; *J. manchuriensis* Hance.

Plants 10–30 cm tall, glabrous. Rhizome with cross section bright yellow, producing 4–6 foliage leaves or flowering shoots per year; aerial stems absent. Leaf petiole 10–30 cm, glabrous; leaf blade abaxially grayish green, suborbicular, 6–8 × 9–10 cm, membranous, base deeply cordate, margin entire or repand, apex obtusely emarginate, apiculate. Scapes 15–20 cm. Sepals caducous, purplish red, oblong-lanceolate, ca. 6 mm, striate, glabrous. Petals 6, obovate, ca. 1 × 0.6 cm, base attenuate. Stamens ca. 6 mm; filaments flat, ca. 2 mm; anthers ca. 4 mm. Pistil ca. 4 mm, glabrous; ovules numerous; style ca. 2 mm; stigma rugosely undulate on margin. Capsules yellowish brown, fusiform, ca. 1.5 cm, obliquely dehiscent from top toward base; style ca. 3 mm. Fl. May–Jun, fr. Sep–Oct.

Needle-leaved forests, mixed forests, thickets, shaded and wet places on slopes; 500–1100 m. Jilin, Liaoning [Korea, Russia (along Amur River)].

