

17. MOEHRINGIA Linnaeus, Sp. Pl. 1: 359. 1753.

种阜草属 zhong fu cao shu

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Herbs annual or perennial. Stems straggling, caespitose, ascending, or erect, slender. Leaves sessile or shortly petiolate, oblong, obovate, or ovate-lanceolate to linear; stipules absent. Flowers solitary or in lax, few-flowered cymes; bracts immediately subtending calyx absent. Sepals 4 or 5. Petals 4 or 5, white, margin entire. Stamens (5 or 8) or 10. Ovary 1-loculed; ovules numerous; styles (2 or)3. Capsule ovoid, (4 or)6-toothed. Seeds few, reddish black, smooth, lucid, with a membranous strophiole; embryo curved.

About 25 species: N temperate regions; three species in China.

1a. Petals 1/3–1/2 as long as sepals; leaves 3-veined, ovate or broadly ovate 3. *M. trinervia*

1b. Petals ca. 2 × as long as sepals; leaves 1-veined.

2a. Leaves elliptic or oblong 1. *M. lateriflora*

2b. Leaves lanceolate or oblong-lanceolate 2. *M. umbrosa*

1. *Moehringia lateriflora* (Linnaeus) Fenzl, Vers. Darstell. Alsin. 38. 1833.

种阜草 zhong fu cao

Arenaria lateriflora Linnaeus, Sp. Pl. 1: 423. 1753.

Herbs perennial, with rhizomes. Stems erect, 10–20 cm tall, pubescent. Leaves subsessile, elliptic or oblong, 1–2.5 cm × 4–10 mm, ciliate at margin and veins hairy at base, 1-veined, apex obtuse. Flowers solitary or in cymes, axillary. Pedicel 6–11(–15) mm, slender, puberulent. Sepals ovate or elliptic, ca. 2 mm, glabrous, margin scarious, apex obtuse. Petals obovate, ca. 2 × as long as sepals. Stamens shorter than petals. Capsule 3.5–5.5 mm, apex 6-toothed. Seeds black-brown, subreniform, ca. 1 mm; strophiole small. Fl. Jun–Jul, fr. Jul–Aug. $2n = 48$.

Woods, forest margins; 800–2300 m. Gansu, Hebei, Heilongjiang, Jilin, Liaoning, Nei Mongol, Ningxia, Shanxi, Xinjiang [Japan, Kazakhstan, Korea, Mongolia, Russia; SW Asia, Europe].

2. *Moehringia umbrosa* (Bunge) Fenzl, Vers. Darstell. Alsin. 38. 1833.

新疆种阜草 xin jiang zhong fu cao

Arenaria umbrosa Bunge in Ledebour, Fl. Altaic. 2: 173. 1830.

Herbs perennial. Stems caespitose, 5–18 cm tall, pubescent. Leaves sessile, oblong-lanceolate or lanceolate, 1–3 cm × 2–5 mm, pubescent, 1-veined, base attenuate, apex acute. Flower solitary, axillary or terminal. Pedicel 1.2–1.7 cm, slender, pubescent. Sepals ovate-lanceolate, 2–3 mm, hairy at base, apex acute. Petals oblong-obovate, ca. 2 × as long as sepals. Capsule 5–6 mm. Seeds brown, reniform, ca. 0.3 mm, slightly flat, strophiolate. Fl. Jun–Jul, fr. Jul–Aug.

Grasslands, woods, scrub; 1800–2700 m. Xinjiang [Kazakhstan, Russia].

3. *Moehringia trinervia* (Linnaeus) Clairville, Man. Herbor. Suisse 150. 1811.

三脉种阜草 san mai zhong fu cao

Arenaria trinervia Linnaeus, Sp. Pl. 1: 423. 1753; *Stellaria anhweiensis* Migo.

Herbs annual. Stems erect or ascending, 10–40 cm tall, pubescent, branched at base. Proximal leaves petiolate, distal leaves subsessile; leaf blade ovate to broadly ovate, 1–2.5 cm × 5–2 mm, 3-veined, both surfaces pilose, ciliate, base cuneate, apex acute. Flowers solitary and axillary or in terminal or axillary cymes. Pedicel 5–25 mm, slender, pubescent. Sepals 4 or 5, lanceolate, 3–4(–5) mm, with rigid hairs, 1-veined, margin broad, scarious, apex acuminate. Petals 4 or 5, sometimes reduced, obovate-oblong, 1/3–1/2 as long as sepals. Stamens 8–10, shorter than petals. Capsule 2.5–3 mm, teeth reflexed at apex. Seeds black, globose, shiny, with small lacinate strophiole. Fl. May–Jun, fr. Jun–Jul. $2n = 24$.

Shaded forests, mountain slopes, forest margins, meadows; 1400–2400 m. Anhui, Gansu, Hubei, Hunan, Jiangxi, Shaanxi, Sichuan, Taiwan, Xinjiang, Zhejiang [Japan, Kazakhstan, Russia; SW Asia, Europe].

