

32. HEMIPHGRAMMA Wallich, Trans. Linn. Soc. London 13: 611. 1822.

鞭打绣球属 *bian da xiu qiu shu*

Herbs, diffusely creeping, villous. Stems slender, much branched, rooting from nodes. Leaves dimorphic. Stem leaves opposite, flat, orbicular. Branch leaves crowded, needlelike, involute. Flowers axillary, solitary. Calyx deeply 5-lobed to base, lobes narrow. Corolla white or rose, actinomorphic; lobes 5, subequal, as long as tube. Stamens 4, included, equal, inserted at base of corolla. Style shorter than or as long as stamens; stigma subulate or 2-lobed. Capsule septicial lengthwise, valves entire or 2-parted. Seeds numerous; seed coat smooth.

One species: tropical and subtropical Asia.

1. Hemiphragma heterophyllum Wallich, Trans. Linn. Soc. London 13: 612. 1822.

鞭打绣球 *bian da xiu qiu*

Perennials. Leaves on main stems with petiole 2–5(–10) mm or sometimes sessile; leaf blade orbicular, cordate, or reniform, 0.5–2 cm, base truncate, subcordate, or cuneate, margin serrately 2–7-toothed, apex obtuse to acuminate, veins inconspicuous. Leaves on branches crowded, needlelike, sometimes linear-lanceolate upward, 3–5 mm. Flowers sessile or short pedicelled. Calyx lobes narrowly triangular-lanceolate, 3–5 mm, subequal. Corolla white or rose, ca. 6 mm; tube short campanulate; lobes 5, orbicular to oblong, subequal, sometimes transparently punctate. Filaments filiform, adnate to corolla tube; anther locules apically confluent. Style ca. 1 mm. Capsule red, ovoid to globose, berrylike, ± fleshy, shiny, 5–6(–10) mm. Seeds pale yellow-brown, ovoid, to 1 mm. Fl. Apr–Jun, fr. Jun–Aug.

Alpine grassland, rock crevices, among herbs; 2600–4100 m. Gansu, Guangxi, Guizhou, Hubei, Shaanxi, Sichuan, Taiwan, Xizang, Yunnan [Bhutan, India, Indonesia (Sulawesi), Nepal, Philippines, Sikkim].

- 1a. Leaves wider than long 1b. var. *pedicellatum*
- 1b. Leaves ± as wide as long.
 - 2a. Leaf margin 5–7-toothed on each side; flowers sessile 1a. var. *heterophyllum*
 - 2b. Leaf margin 3–5-toothed on each side; flowers short pedicellate 1c. var. *dentatum*

1a. Hemiphragma heterophyllum var. **heterophyllum**

鞭打绣球(原变种) *bian da xiu qiu (yuan bian zhong)*

Leaves 0.8–2 cm, ± as wide as long, margin serrately 5–7-toothed. Pedicel lacking.

Alpine grassland, rock crevices; 2000–4000 m. Fujian, Gansu, Guizhou, Hubei, Shaanxi, Sichuan, Taiwan, Xizang, Yunnan [Bhutan, India, Indonesia (Sulawesi), Nepal, Philippines, Sikkim].

1b. Hemiphragma heterophyllum var. **pedicellatum**

Handel-Mazzetti, Anz. Akad. Wiss. Wien, Math.-Naturwiss. Kl. 60: 154. 1923.

鞭打绣球有梗变种 *bian da xiu qiu you geng bian zhong*

Leaves wider than long, margin serrately 2–4-toothed. Pedicel 4–15 mm, slender.

• Among herbs; 3600–4100 m. NW Yunnan.

1c. Hemiphragma heterophyllum var. **dentatum** (Elmer) T. Yamazaki, J. Jap. Bot. 25: 212. 1950.

鞭打绣球齿状变种 *bian da xiu qiu chi zhuang bian zhong*

Nertera dentata Elmer, Leafl. Philipp. Bot. 1: 15. 1906; *Logania dentata* (Elmer) Hayata.

Leaves 5–11 mm, ± as wide as long, thick, margin serrately 3–5-toothed. Pedicel short.

Among herbs; 2600–3000 m. Guangxi, Taiwan [Philippines].

Flora of China 18: 55–56. 1998.