

9. STELLERA Linnaeus, Sp. Pl. 1: 559. 1753.

狼毒属 lang du shu

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Chamaejasme Kuntze.

Perennial herbs or shrubs, caespitose. Stems usually unbranched. Leaves alternate, rarely opposite; leaf blade lanceolate, entire. Inflorescence terminal, capitate or spicate, with involucre; peduncle absent. Flowers bisexual, 4(–6)-merous. Calyx tube persistent, white, yellow, or light red, cylindric or funnel-shaped, contracted at apex of ovary; lobes 4(–6), spreading, subequal. Petaloid appendages absent. Stamens twice as many as calyx lobes, in two series, included. Disk at one side, acerose- or linear-scale, membranous, entire or 2-lobed. Ovary almost sessile, 1-loculed; style short; stigma capitate, ellipsoid, hirsute-papillose. Fruit dry, enclosed by persistent calyx; pericarp membranous.

Between ten and twelve species: C and E Asia; one species in China.

1. *Stellera chamaejasme* Linnaeus, Sp. Pl. 1: 559. 1753.

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Chamaejasme stelleriana Kuntze; *Stellera bodinieri* H. Léveillé; *S. chamaejasme* f. *angustifolia* Diels; *S. chamaejasme* f. *chrysantha* Linnaeus; *Wikstroemia chamaejasme* (Linnaeus) Domke.

Herbs perennial, 20–50 cm tall. Rhizome woody, terete, stout, branched or not. Stems many, clustered, erect, unbranched, base woody, sometimes brown scaly, upper part herbaceous, green or sometimes purple, glabrous. Leaves alternate, rarely opposite or ± whorled; petiole short, ca. 1.1 mm, articulate at base; leaf blade pale or grayish green abaxially, lanceolate or oblong-lanceolate, rarely oblong, 1.2–2.8 × 0.3–1 cm, thinly papery, both surfaces glabrous, base rounded to cuneate, margin slightly revolute or not, apex acuminate or acute, rarely obtuse; lateral veins 4–6 pairs, visible on both surfaces. Inflorescences terminal, capitate, globose, many flowered, with involucre of

green leaflike bracts. Flowers fragrant; pedicel absent. Calyx white, yellow, or reddish purple; tube cylindric, 9–11 mm, slender, conspicuously ribbed, slightly swollen at base, exterior glabrous; lobes 5, ovate-oblong, 2–4 × ca. 2 mm, apex rounded or rarely truncate, usually with red, reticulate veins. Stamens 10, lower whorl inserted above middle of calyx tube, upper whorl in throat; filaments very short; anthers yellow, linear-ellipsoid, ca. 1.5 mm; upper ones slightly exerted from calyx tube. Disk developed on one side, linear, ca. 1.8 × 0.2 mm, apex slightly 2-lobed. Ovary ellipsoid, ca. 2 × 1.2 mm, sessile, yellow silky-pubescent distally; style short; stigma capitate, apex sparsely yellow pubescent. Drupe conic, ca. 5 × 2 mm, grayish white pubescent at apex or upper part, enclosed in persistent calyx. Fl. Apr–May, fr. Jul–Sep. $2n = 18^*$.

Sunny and dry slopes, sandy places; 2600–4200 m. Gansu, Hebei, Heilongjiang, Henan, Jilin, Liaoning, Nei Mongol, Ningxia, Qinghai, Shaanxi, Shanxi, Sichuan, Xinjiang, Xizang, Yunnan [Bhutan, Mongolia, Nepal, Russia].

