

28. PSAMMOSILENE W. C. Wu & C. Y. Wu in L. P. King et al., Icon. Pl. Medic. Libro Tien-Nan-Pen-Tsao Lanmaoano 1: t. 1. 1945.

金铁锁属 jin tie suo shu

Lu Dequan (鲁德全); Magnus Lidén, Bengt Oxelman

Herbs perennial. Roots long conical, fleshy. Stems several, diffuse, branched. Leaves ovate, subcarnose, midvein prominent. Flowers bisexual, subsessile, small. Inflorescence a thyrses, densely glandular pubescent; bracts herbaceous. Calyx tubular-campanulate, herbaceous, 15-veined, slightly convex, veins free at apex, 5-toothed. Petals 5, purple-red, narrowly spatulate, margin entire, claw attenuate. Stamens 5, opposite calyx teeth. Ovary 1-loculed; ovules 2, anatropous; styles 2. Capsule clavate, thin, nearly unsplit. Seed 1, narrowly obovoid, plano-convex.

• One species.

1. Psammosilene tunicoides W. C. Wu & C. Y. Wu in L. P. King et al., Icon. Pl. Medic. Libro Tien-Nan-Pen-Tsao Lanmaoano 1: t. 1. 1945.

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Silene cryptantha Diels, Notes Roy. Bot. Gard.

Edinburgh 5: 180. 1912, not Viviani (1824).

Roots brown-yellow. Stems prostrate, purple-green, 20–35 cm, dichotomously branched, pubescent. Leaves subsessile, 1.5–2.5 × 1–1.5 cm, adaxially pilose, base rounded, rarely broadly cuneate, apex entire, acute.

Inflorescence a thyrses with a terminal, lax dichasium and 2 opposite, similarly lax and many-flowered dichasia proximally. Flowers 3–5 mm in diam. Pedicel short or flowers sessile. Calyx tubular-campanulate, 4–6 mm, densely glandular pubescent, veins green; calyx teeth triangular-ovate, margin membranous, apex obtuse or acute. Petals 7–8 mm. Stamens exerted beyond calyx, 7–9 mm; anthers yellow. Ovary narrowly obovoid, ca. 7 mm; styles ca. 3 mm. Capsule ca. 7 mm. Seed brown, ca. 3 mm. Fl. Jun–Sep, fr. Jul–Oct.

• Warm and dry valleys along Jinsha Jiang and Yarlung Zangbo Jiang, rocky mountain slopes, dry pastures, calcareous rock crevices, forests; 900–3800 m. W Guizhou, SW Sichuan, SE Xizang, Yunnan. This species is used medicinally.

