

58. TANGTSINIA S. C. Chen, *Acta Phytotax. Sin.* 10: 194. 1965.

金佛山兰属 jin fo shan lan shu

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Terrestrial herbs, with a rather short rhizome and tufted roots. Roots fleshy, elongate. Stem erect, leafy, with several sheaths toward base. Leaves several, scattered, subsessile, plicate, papery. Raceme terminal, usually with several flowers; floral bracts very small, conspicuously shorter than pedicel and ovary, but lowest bract \pm foliaceous. Flowers actinomorphic, erect, almost not twisted. Perianth composed of 3 similar sepals and 3 similar petals, lacking a modified lip. Column erect, relatively long, bearing at its apex a concave stigma with anther behind and 5 staminodes surrounding stigma; anther erect, 2-locular, with a short filament; among 5 staminodes, 3 opposite to petals, other 2 inconspicuous and resembling an extension of column ridges; pollinia 4, granular-farinaceous, lacking appendages; rostellum absent. Fruit a capsule.

• One species: China.

For a detailed discussion on this genus, *Diplandrorchis*, and *Holopogon*, see Chen and Tsi (*Acta Phytotax. Sin.* 25: 329–339. 1987). One of us (Gale) believes that *Tangtsinia nanchuanica* is a peloric form of *Cephalanthera falcata* and that *Tangtsinia* should be considered congeneric with *Cephalanthera*.

1. *Tangtsinia nanchuanica* S. C. Chen, *Acta Phytotax. Sin.* 10: 195. 1965.

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Plants leafy, autotrophic, 15–35 cm tall. Rhizome 1–2 cm, 0.4–0.8 cm in diam.; roots 2.5–4 mm in diam. Stem slender, with several sheaths at base, 4–6-leaved. Leaves elliptic to lanceolate, 6–9 \times 1.2–3 cm, 5–7-veined, apex acute to acuminate. Inflorescence 3–6-flowered or rarely only 1- or 2-flowered; rachis 3–6 cm; floral bracts deltoid-lanceolate, much reduced, 1–1.5 mm, though lowest one to 10 mm. Flowers erect, weakly spreading, yellow, base slightly tinged with white; pedicel and ovary 13–16 mm. Sepals narrowly elliptic to elliptic, 15–17 \times

3.5–4.5(–5.5) mm, 5-veined, apex obtuse. Petals obovate-elliptic, 11–13 \times 4–4.5(–5.5) mm, apex obtuse; lip similar to petals, not distinct, lacking lamellae, spurless. Column yellowish green, subtrigonal-cylindric, 6–8 mm, apex slightly dilated, with 3 large and 2 small wings; large wings white, spotted with silver, subligulate; smaller wings inconspicuous, similar in color to column; anther oblong-ovoid, ca. 1.5 mm; filament broad, subovate-lanceolate, 1–1.5 mm; pollinia white, narrowly falcate-ovate, ca. 1.6 mm. Capsule erect, subellipsoid, ca. 2 \times 0.7 cm. Fl. Apr–Jun.

• Openings in forests, thicket margins, grassy slopes; 700–2100 m. Chongqing, N Guizhou.

