

76. **YPSILORCHIS** Z. J. Liu, S. C. Chen & L. J. Chen, J. Syst. Evol. 46: 623. 2008.

丫瓣兰属 ya ban lan shu

Chen Xinqi (陈心启 Chen Sing-chi); Paul Ormerod, Jeffrey J. Wood

Herbs epiphytic or lithophytic. Pseudobulbs densely arranged, small, subfusiform or ovoid, with several terminal and lateral leaves. Leaves small, oblanceolate to narrowly obovate, thinly textured, strongly crisped margined, aristate apically, base shortly petiolate and articulated. Inflorescence terminal, suberect, racemose, laxly many flowered; floral bracts small, persistent. Flowers small, often yellow, resupinate. Dorsal sepal free; lateral sepals fused for part of their length to form a synsepal. Petals free, longer than sepals, deeply divergent-bilobed apically, Y-shaped; lip composed of a basal claw and an apical portion (epichile); epichile with 2 auricles on both basal sides; claw with a center callus. Column erect, with 2 hornlike appendages on both upper sides, footless; pollinia 2, granular-waxy, each with a somewhat elastic caudicle, without a true viscidium.

- One species: China.

**1. *Ypsilorchis fissipetala*** (Finet) Z. J. Liu, S. C. Chen & L. J. Chen, J. Syst. Evol. 46: 623. 2008.

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*Liparis fissipetala* Finet, Bull. Soc. Bot. France 55: 340. 1908; *Platystyliparis fissipetala* (Finet) Margońska.

Pseudobulbs 8–10 × 4–5 mm, upper part with 3 or 4 leaves (1 or 2 terminal). Leaf blade narrowly obovate or oblanceolate-oblong, 0.8–1.6 × ca. 0.3 cm, base contracted into a petiole 3–5 cm, articulate, margin crisped, apex rounded and mucronate, rarely shortly cuspidate. Scape 5–7 cm, nearly wingless, with 1–3 sterile bracts; raceme sparsely several to 10-flowered; floral bracts green, ovate-lanceolate, 2–2.5 mm; pedicel and ovary 4–5 mm. Flowers yellow. Dorsal sepal oblong-lanceolate, 2.5–

3.5 mm, 1-veined; lateral sepals suboblong or ovate-oblong, fused from base to near or above middle forming a synsepal; synsepal suborbicular, 2.5–3 mm, bifid at apex. Petals narrowly linear, 3–4 mm, apex furcate-bilobed; lobes 0.7–1 mm; lip 1.5–2 mm, composed of limb and claw; limb oblong, base with auricles on both sides, apex emarginate; claw broadly linear, 0.4–0.5 mm, with a somewhat crescent-shaped callus along its apical margin bordering base of limb. Column erect, ca. 1.5 mm, upper part with obtuse-triangular wings on both sides. Capsule globose or broadly ellipsoid, 3–4 mm; fruiting pedicel 3–4 mm. Fl. Sep–Nov.

- On slightly sunny limestone rocks in evergreen broad-leaved forests, on trees in forests; 1200–1600 m. Chongqing (Chengkou), SE Yunnan (Malipo).

