

143. MONOMERIA Lindley, Gen. Sp. Orchid. Pl. 61. 1830.

短瓣兰属 *duan ban lan shu*

Chen Xinqi (陈心启 *Chen Sing-chi*); Jaap J. Vermeulen

Herbs, epiphytic. Rhizome creeping, stout, rooting from nodes of rhizomes. Pseudobulbs often spaced on rhizome, with a leaf at apex. Leaf long petiolate; blade thickly textured, base contracted into petiole. Scape arising laterally from base of pseudobulb; raceme sparsely many flowered; floral bracts persistent, shorter than pedicel and ovary. Flowers medium-sized. Dorsal sepal usually smaller than lateral sepals; lateral sepals adnate at base to distal half of column foot, their lower edges connate at base or apex to each other. Petals smaller than sepals, base decurrent and adnate to basal half of column foot, margins denticulate or erose; lip 3-lobed, usually pandurate, base attached to end of column foot by a mobile joint, with 2 small auricles on both basal sides; disk with 2 lamellae adaxially. Column stout, both sides winged, with distinct stelia; foot rather long, upcurved; pollinia waxy, 4, unequal in size, in 2 pairs, subglobose, with a common stipe and a viscidium.

About three species: Nepal to Myanmar, Thailand, and Vietnam; one species in China.

1. *Monomeria barbata* Lindley, Gen. Sp. Orchid. Pl. 61. 1830.

短瓣兰 *duan ban lan*

Epicranthes barbata (Lindley) H. G. Reichenbach.

Rhizome creeping, ca. 5 mm in diam. Pseudobulbs ca. 6 cm apart on rhizome, ovoid, ca. 4 cm, ca. 1.5 cm in diam. Petiole 9–10 cm; leaf blade oblong, 21–22 × ca. 4 cm, thickly leathery, base contracted into petiole, apex obtuse and retuse. Scape ascending, 16–28 cm; raceme 5–10 cm, sparsely 4–7-flowered; peduncle 11–18 cm, stout, 3–4 mm in diam., sparsely with 3–5 sheaths 6–10 mm; floral bracts ovate, ca. 7 mm, apex obtuse. Pedicel and ovary ca. 1.8 cm. Flowers widely opening,

yellow, tinged with reddish. Dorsal sepal erect, ovate, concave, ca. 15 × 5 mm, 6-veined, apex acute; lateral sepals lanceolate, ca. 20 × 7 mm, adaxially densely hispid, 6-veined, apex acuminate. Petals obliquely triangular, ca. 3 × 2.5 mm, margins erose or slightly fimbriate, 1-veined, apex acute; lip 3-lobed; lateral lobes nearly suborbicular; mid-lobe somewhat larger, apex obtuse; basal auricles narrowly falcate; disk with 2 membranous lamellae. Column ca. 6 mm, base with a foot ca. 8 mm, with wings dilated at middle; stelia deltoid. Fl. Jan.

Tree trunks or rocks in forests; 1000–2000 m. SW Guizhou, SE Xizang, W to SE Yunnan [NE India, Myanmar, Nepal, Thailand, N Vietnam].

