

48. POROLABIUM Tang & F. T. Wang, Bull. Fan Mem. Inst. Biol. Bot. 10: 36. 1940.

孔唇兰属 kong chun lan shu

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Herbs, terrestrial, small. Tubers subglobose, small. Stem erect, with 2 or 3 sheathing cataphylls at base and 1 cauline leaf. Leaf linear-lanceolate, base vaginate and sheathing stem, apex obtuse. Inflorescence terminal, ebracteate, racemose, 6–8-flowered; floral bracts broadly ovate, small, much shorter than ovary. Flowers resupinate, yellowish green to green. Dorsal sepal connivent with petals, erect, ovate, concave; lateral sepals spreading or deflexed, narrowly ovate, apex obtuse. Petals erect, obliquely ovate, apex obtuse; lip ligulate, entire, apex obtuse, dilated and with 2 glands at base, spurless. Column short; anther large, 2-locular, with narrow connective; pollinia 2; rostellum prominent; lateral lobes spreading; stigma simple, pulvinate, not adnate to rostellum.

- One species: China.

In habit, *Porolabium* is similar to the genus *Herminium* (to which the sole species was referred initially), but it differs in its solitary leaf; its unlobed, ligulate, and spurless lip, which bears 2 depressions at its swollen base; its large rostellum; and its simple, cushionlike stigma. Further analysis of fresh material is required to better resolve generic affinities.

1. *Porolabium biporosum* (Maximowicz) Tang & F. T. Wang, Bull. Fan Mem. Inst. Biol. Bot. 10: 38. 1940.

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Herminium biporosum Maximowicz, Bull. Acad. Imp. Sci. Saint-Petersbourg 31: 106. 1887; *Monorchis biporosa* (Maximowicz) O. Schwarz.

Plants 10–12 cm tall. Tubers globose, ca. 1 cm in diam., fleshy, unlobed. Stem slender, with 2 or 3 tubular sheaths and 1 leaf. Leaf linear-lanceolate, ca. 7 × 0.8 cm, base amplexicaul, apex obtuse. Inflorescence 6–8-flowered; floral bracts small. Flowers yellowish green or greenish, small; ovary twisted,

fusiform, including pedicel 5–6 mm. Dorsal sepal forming a hood with petals, ca. 2.5 × 1.5 mm, 1-veined; lateral sepals ca. 3 × 1.5 mm, 1-veined. Petals ca. 2 × 1 mm, 1-veined; lip spreading, ca. 2.8 × 1.5 mm, base dilated and with 2 concave glands, attenuate toward apex. Column short, with 2 lateral appendages at base of anther; anther cucullate, large, 2-locular; pollinia 2, each attached to a viscidium by a short caudicle; rostellum deltoid, very large, with spreading lateral lobes; stigma cushionlike. Fl. Jul.

- Montane grasslands and lakesides; 3000–3300 m. E Qinghai, NE Shanxi.

