

193. PENNILABIUM J. J. Smith, Bull. Jard. Bot. Buitenzorg, sér. 2, 13: 47. 1914.

巾唇兰属 jin chun lan shu

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Herbs, epiphytic, small, monopodial. Stems short, with a few close leaves. Leaves clustered, flat, elliptic to oblong, ± fleshy, base often ± twisted, jointed and sheathing, apex unequally laterally bilobed. Inflorescence lateral, racemose, usually rather short, unbranched, with 1 or 2 flowers open at a time, placed in 2 rows; rachis somewhat thickened and complanate; floral bracts distichous. Flowers opening successively, lasting 1 or 2 days, white, cream-colored, yellow, or orange, medium-sized. Sepals and petals free, similar. Petals slightly smaller, margin often dentate; lip adnate to column base, immovable, spurred, 3-lobed, internal callosities absent; lateral lobes either rather large, well developed, and truncate or reduced to small earlike lobes, when present often fimbriate or toothed; mid-lobe large, fleshy and solid or reduced to a small fleshy lobe. Column short, slightly dorsiventrally compressed, footless; stigma very large; rostellum long, narrow, 2-lobed; pollinia waxy, 2, subglobose, entire, attached by a common long subcuneate or spatulate stipe to a very small viscidium.

About ten to 12 species: from India (Assam) through Thailand and Malaysia to Indonesia and the Philippines; one species in China.

1. *Pennilabium yunnanense* S. C. Chen & Y. B. Luo, Acta Phytotax. Sin. 42: 457. 2004.

巾唇兰 jin chun lan

Stems erect, ca. 1 cm, with 3 or 4 leaves. Leaf blade oblong, 4–6 × 1.3–1.5 cm, base slightly twisted, apex acute and unequally bilobed. Inflorescence from base of stem, ± pendulous, ca. 4 cm, 2- or 3-flowered; rachis flattened, ca. 5 mm; floral bracts distichous, ovate-triangular, ca. 1 mm. Flowers white, petals with dark purplish red spots inside, especially in basal half, thinly textured; pedicel and ovary ca. 11 mm. Dorsal sepal oblong-lanceolate, ca. 17 × 4 mm, acuminate; lateral sepals falcately oblong-lanceolate, ca. as large as dorsal sepal,

acuminate. Petals oblong-lanceolate, ca. 16 × 3 mm, entire, acuminate; lip spurred, 3-lobed; lateral lobes subspatulate-flabellate, ca. 7 × 4 mm, apical margin shortly fimbriate; mid-lobe subligulate, ca. 4 × 2 mm, entire, acute; spur cylindrical, ca. 6 × 1.5 mm, rounded-tipped. Column ca. 2 mm; stigma large, nearly covering whole front surface of column; anther cap slightly narrowed into a triangular apex; stipe ca. 0.8 mm, widened at top; viscidium elliptic, ca. 0.4 mm, thick. Fl. Sep.

Epiphytic on tea trees; ca. 1300 m. S Yunnan [NE India, Thailand].

Chinese records of *Pennilabium proboscideum* A. S. Rao & J. Joseph (e.g., in FRPS 19: 435. 1999) are referable to *P. yunnanense*.

