

106. DIGLYPHOSA Blume, Bijdr. 336. 1825.

密花兰属 mi hua lan shu

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Diglyphis Blume.

Herbs, terrestrial. Rhizome creeping, with long, fibrous roots. Pseudobulb persistent, narrowly conic or cylindrical, with either a solitary terminal leaf at apex or an inflorescence at base. Leaf solitary, large, plicate, papery, contracted into a long petiole-like stalk at base. Inflorescence arising from base of pseudobulb, erect, terminal, racemose, occasionally branching in larger plants, glabrous, with several scattered tubular sheaths; rachis densely many flowered; floral bracts reflexed, narrow. Flowers medium-sized, resupinate. Sepals usually spreading; dorsal sepal longer than lateral sepals; lateral sepals adnate to column foot and forming a mentum. Petals similar to but slightly wider than lateral sepals; lip slightly fleshy, hinged to apex of column foot, entire to 3-lobed, reflexed above middle, margin suberect below middle, without a spur; disk with 2 fleshy, converging lamellae or keels. Column erect, arcuate, slender, winged, with a simple column foot at base; anther terminal; anther cap cordate, apex conic-convex, 2-locular; rostellum short and broad, not lobed; pollinia 2, waxy, nearly triangular, without caudicles.

Two species: tropical parts of NE India and Vietnam, through SE Asia to New Guinea; one species in China.

1. *Diglyphosa latifolia* Blume, Bijdr. 336. 1825.

密花兰 mi hua lan

Chrysoglossum latifolium (Blume) Benth & J. D. Hooker; *C. macrophyllum* King & Pantling; *Diglyphis latifolia* (Blume) Miquel; *Diglyphosa macrophylla* (King & Pantling) King & Pantling.

Plants 25–40 cm tall. Rhizome fleshy. Pseudobulb cylindrical, somewhat angular in cross section, 9–14 × 0.8–1 cm, with caducous scales. Leaf blade broadly elliptic, plicate, 25–37 × 11–17 cm, veins prominent abaxially, margin undulate, apex acuminate or acute; petiole-like stalk 10–20 cm. Inflorescence deep purple, 22–40 cm, with 3 or 4 scattered tubular sheaths; rachis 13–20 cm, densely many flowered; floral bracts reflexed, deep purple, narrowly ovate-lanceolate, 6–12 mm, apex acumi-

nate. Flowers fleshy, mostly opening simultaneously, orange-red, spotted with purple, omitting an unpleasant smell; pedicel and ovary 10–14 mm, slender. Dorsal sepal narrowly oblong-ovate, 10–13 × 2.5–3.5 mm, 3-veined, apex acuminate; lateral sepals oblong-ovate, falcate, 7–11 × ca. 3 mm, 3-veined, base adnate to column foot and forming an inconspicuous mentum, apex acuminate. Petals similar to lateral sepals, 9–13 × 3–5 mm, base adnate to column foot; lip mobile, oblong-obovate, ca. 5 × 3 mm, fleshy, slightly constricted near middle, concave below constriction and reflexed above, apex acute; disk with 2 fleshy lamellae extending from base of lip almost to apex, converging into a single ridge toward base and apex. Column ca. 5 mm; column foot ca. 2 mm; rostellum subsquare, thick. Fl. Jun.

Damp places in forests, along valleys; ca. 1200 m. SE Yunnan [NE India, Indonesia, Malaysia, New Guinea, Philippines].

