

148. **DORITIS** Lindley, Gen. Sp. Orchid. Pl. 178. 1833.

五唇兰属 *wu chun lan shu*

Chen Xinqi (陈心启 *Chen Sing-chi*); Jeffrey J. Wood

Herbs, terrestrial or lithophytic, monopodial. Stems erect, short, rooting at base. Leaves several, subbasal, distichous, flat, fleshy, base articulate and sheathing. Inflorescence arising laterally from base of stem, erect, racemose, laxly several to many flowered. Flowers medium-sized. Sepals and petals free; lateral sepals rather broad, base broadly adnate to column foot forming a distinct mentum. Lip attached at base to end of column foot, 3-lobed, long clawed, with 2 small basal lobes on both sides of claw and an appendage between them; lateral lobes erect; mid-lobe rather thick. Column short, narrowly winged, with a long foot at base; stigma concave, large; rostellum rather long, narrow; anther cap subglobose; pollinia 4, separate from each other, waxy, subglobose, with a common long, linear stipe; viscidium ovate.

Two species: from NE India to China, south to Indochina, Thailand, Malaysia, and Indonesia; one species in China.

1. **Doritis pulcherrima** Lindley, Gen. Sp. Orchid. Pl. 178. 1833.

五唇兰 *wu chun lan*

*Phalaenopsis buyssoniana* H. G. Reichenbach; *P. esmeralda* H. G. Reichenbach; *P. pulcherrima* (Lindley) J. J. Smith.

Leaves 3–6, nearly basal; leaf blade oblong, 5–7.5 × 1.5–2 cm, base with equitant sheaths, apex obtuse or acute. Inflorescence erect; peduncle to 38 cm, 2.5–3 mm in diam., with 3 or 4 sheaths 3–5 mm; rachis 10–13 cm, laxly several flowered; floral bracts ovate, ca. 3 mm. Flowers often fragrant, opening widely, usually with pink sepals and petals and purple lip;

pedicel and ovary 1.3–2 cm. Dorsal sepal oblong, ca. 8 × 5 mm, obtuse; lateral sepals slightly oblique, ovate-triangular, ca. 8 × 7 mm; mentum ± conic. Petals subobovate, slightly smaller than dorsal sepal; lip attached at a right angle to end of column foot, 3-lobed, recurved; claw ca. 4 mm, with a square callus adaxially; basal lobes erect on both sides of claw, rectangular, ca. 4 mm; lateral lobes erect, somewhat suborbicular or broadly elliptic, ca. 6 × 6 mm; mid-lobe ligulate, ca. 5 × 2 mm, adaxially with 3 or 4 fleshy lamellae, apex acute. Column ca. 7 mm, foot ca. 6 mm. Fl. Jul–Aug.  $2n = 38$ .

Rocky places or soil-covered rocks in dense forests or thickets. Hainan [Cambodia, NE India, Indonesia, Laos, Malaysia, Myanmar, Thailand, Vietnam].

