

6. HYLOPHILA Lindley, Edwards's Bot. Reg. 19: ad t. 1618. 1833.

袋唇兰属 dai chun lan shu

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Dicerostylis Blume.

Herbs, terrestrial, occasionally lithophytic or rarely epiphytic. Rhizome long, creeping, fleshy; roots borne at rhizome nodes, fibrous. Stem erect or ascending, terete, leafy, glabrous. Leaves ovate-elliptic, with a long petiole-like base dilating into a tubular, amplexicaul sheath. Inflorescence erect, terminal, densely racemose, pubescent; peduncle with a few sheathing bracts; floral bracts ca. as long as ovary, pubescent. Flowers resupinate, not opening widely; ovary twisted, cylindric-fusiform, pubescent. Outer surfaces of sepals pubescent; lateral sepals free, oblique, embracing base and sides of lip. Petals connivent with dorsal sepal and forming a hood, glabrous; lip 2-partite; hypochile a dilated, globose sac, sometimes containing 2 erect, digitate calli on each side; epichile narrowly linear to ovate, sulcate to canaliculate. Column stout, sometimes with a short V-shaped appendage below stigma; anther lanceolate, 2-locular; pollinia 2, granular-farinaceous, sectile, with a long caudicle attached to a solitary, elongate viscidium; rostellum erect, remnant deeply bifid; stigma lobes confluent, slightly raised.

About ten species: SE Asia to New Guinea and the Solomon Islands; one species (endemic) in China.

1. *Hylophila nipponica* (Fukuyama) S. S. Ying, Coloured Ill. Indig. Orchids Taiwan 1: 469. 1977.

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Dicerostylis nipponica Fukuyama, Bot. Mag. (Tokyo) 50: 19. 1936.

Plants 20–60 cm tall. Stem ascending, 3–6-leaved, black to dark purplish brown. Leaves abaxially pale green, adaxially dark green and glossy, obovate to elliptic, 5–15 × 3–5 cm, base obtuse, apex acuminate or acute; petiole-like base ca. 4 cm. Inflorescence reddish brown, 5–10 cm; floral bracts reddish brown, ovate-lanceolate to lanceolate, ca. 18 × 7.5 mm, slightly longer than pedicel and ovary, abaxially pubescent, apex acuminate. Flowers green, tinged with reddish brown; ovary 10–11

mm including pedicel. Dorsal sepal green, apex tinged with reddish brown, recurved, ovate to ovate-lanceolate, concave, 7–9 × 3.5–4 mm, thickly textured, 3-veined; lateral sepals brownish green, tinged with white at apex, suborbicular-ovate, oblique, 7–9 × 6–9 mm, 4-veined, apex acuminate. Petals pink, tinged with white at apex, narrowly rhombic, oblique, 7–8 × 2.8–3 mm, 1-veined, apex acuminate; lip yellow; hypochile a ventricose-globose sac, 5–6.5 × ca. 4.5 mm, shallowly 2-lobed, with a triangular opening below column; epichile pendulous, pale reddish brown, linear. Column ca. 3 mm, ventrally with a V-shaped appendage; anther reddish yellow, oblong-lanceolate, ca. 5 mm; pollinia joined at tapering ends to a solitary viscidium. Fl. Jul.

- Damp places in rain forests; 100–400 m. S Taiwan.

