

166. HYGROCHILUS Pfitzer in Engler & Prantl, Nat. Pflanzenfam. Nachtr. 1: 112. 1897.

湿唇兰属 shi chun lan shu

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

Herbs, epiphytic, monopodial. Stems rather short, 3–5-leaved. Leaves distichous, flat, rather large, base sheathing, jointed. Inflorescences lateral, arching or nearly spreading horizontally, unbranched, laxly few to many flowered. Flowers large, showy, opening widely. Sepals and petals free, similar, usually \pm dorsally carinate. Petals slightly shorter and wider; lip thickly textured, adnate at base to column by a movable joint, 3-lobed; lateral lobes erect, small; mid-lobe larger, abaxial midvein thickened and beaklike at apex; disk saccate between 2 lateral lobes, with a keel extending from base to apex. Column arcuate, rather long, footless, with stolidia; rostellum long and narrow; pollinia 4 in 2 pairs, waxy, subglobose, unequal, attached by a common spatulate stipe to a suborbicular viscidium.

One species: China, NE India, Laos, Myanmar, Thailand, Vietnam.

1. *Hygrochilus parishii* (H. G. Reichenbach) Pfitzer in Engler & Prantl, Nat. Pflanzenfam. Nachtr. 1: 112. 1897.

湿唇兰 shi chun lan

Vanda parishii H. G. Reichenbach, Xenia Orchid. 2: 138. 1868; *Stauroopsis parishii* (H. G. Reichenbach) Rolfe; *Vandopsis parishii* (H. G. Reichenbach) Schlechter.

Stems 5–10(–20) cm, 8–15 mm in diam., stout, enclosed in persistent leaf sheaths. Leaf blade oblong or obovate-oblong, 17–29 \times 3.5–5.5 cm, unequally bilobed. Inflorescences 1–6, to 35 cm, laxly 5–8-flowered; peduncle 5–17 cm, 4–6 mm in diam., with 3 or 4 sheaths; floral bracts broadly ovate, 1.2–1.5

cm. Flowers 4–5 cm in diam.; sepals and petals yellow with deep purple spots, lip white, tinged with lilac on mid-lobe; pedicel and ovary 3–4 cm. Sepals broadly ovate, 2–2.6 \times 1.2–1.5 cm, dorsally carinate, 10-veined, obtuse. Petals broadly ovate, 1.5–2.2 \times 1.4–1.7 cm, 10-veined, obtuse; lip 1–1.3 cm, fleshy, 3-lobed; lateral lobes suborbicular, small; mid-lobe cuculate-flabellate, ca. 1.2 \times 1 cm, obtuse, with a central longitudinal keel and an erect appendage at base near entrance of sac; sac ca. 3 mm. Column ca. 1 cm, winged; stolidia deltoid; rostellum with ligulate lobules ca. 2.5 mm; anther cap beaked at apex. Fl. Jun–Jul. $2n = 38$.

Epiphytic on tree trunks in open forests; 700–1300 m. S and SW Yunnan [NE India, Laos, Myanmar, Thailand, Vietnam].

