
寄树兰属  ji shu lan shu
Chen Xinqi (陈心启 Chen Sing-chi); Jeffrey J. Wood

Herbs, epiphytic, monopodial, medium-sized. Stem pendulous, long, sometimes branching, leafy. Leaves oblong to elliptic, unequally bilobed. Inflorescence axillary, pendulous, racemose or paniculate, densely many flowered. Flowers small. Sepals and petals similar, spreading; mid-lobe spreading; lip immovable, rather fleshy, 3-lobed; lateral lobes erect, small, sometimes fleshy; spur apical, inflated, with callosities on scales within. Column short, stout, lacking a foot; rostellum large or small; stipe spatulate, often hooklike, long; viscidium small; pollinia 2, grooved.

About 40 species: from the Himalayas to Australia and the SW Pacific islands, with a few species extending to Indochina and China; two species in China.

1a. Sepals and petals light yellow with large brown blotches, spur whitish; leaves more than 2.5 cm wide; inflorescence racemose .................................................................................................................................................. 1. R. spatulata
1b. Sepals and petals yellow with small red-brown dots, spur dirty yellow; leaves less than 2.5 cm wide; inflorescence paniculate ................................................................................................................................................... 2. R. succisa


大叶寄树兰  da ye ji shu lan

Cleisostoma spatulatum Blume, Bijdr. 364. 1825 ['spatulata']; Aerides densiflora (Lindley) Wallich ex J. D. Hooker; Gastrochilus densiflorus (Lindley) Kuntze; Pomatocalpa densiflorum (Lindley) Tang & F. T. Wang; Rhynchostylis densiflora (Lindley) L. O. Williams; Saccolabium densiflorum (Lindley) Lindley; Sarcanthus densiflorus (Lindley) E. C. Parish & H. G. Reichenbach.

Stems often pendulous, slightly compressed terete, to 50 cm or more long, stout, 7–10 mm in diam., internodes 1–3 cm. Leaves oblong, 10–20 × 2.5–5.5 cm, apex unequally bilobed. Inflorescence opposite to leaf, pendulous, racemose, 10–20 cm, densely many small flowered; floral bracts narrowly lanceolate, 4–5 mm. Flowers yellow with purplish brown spots and stripes, spur whitish; pedicel and ovary ca. 5 mm. Dorsal sepal ovate, 4–5 × ca. 2.5 mm, concave, obtuse; lateral sepals obliquely ovate, 4–5 × 2–3.5 mm, obtuse. Petals ovate, ca. 3 × 2 mm, obtuse; lip 3-lobed; lateral lobes erect, subovate-triangular, ca. 2.5 × 3 mm, obtuse; mid-lobe incurved, narrowly lanceolate, ca. 3 × 1 mm, fleshy, obtuse, adaxially with 2 lamellae fused with each other; spur perpendicular to ovary, globose, 5–7 mm, contracted at middle, apex dilated, upper adaxial surface inside with a bifid appendage on back wall and a small callus on front wall. Column ca. 3 mm; anther cap narrowed and beaked at apex. Capsule cylindric, 2–3 cm × 5–8 mm. Fl. Jul–Aug, fr. Sep–Oct. 2n = 38.

Epiphytic on tree trunks in forests, lithophytic on rocks along stream sides; below 1700 m. Hainan [Bhutan, Cambodia, NE India, Indonesia, Laos, Malaysia, Myanmar, Singapore, Thailand, Vietnam].


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Sarcanthus succisus Lindley, Bot. Reg. 12: ad t. 1014. 1826; Cleisostoma virginalis Hance; Oeceoclades paniculata Lindley; Pomatocalpa virginalis (Hance) J. J. Smith; Robiquetia paniculata (Lindley) J. J. Smith; Saccolabium buccosum H. G. Reichenbach; Sarcanthus henryi Schlechter; Uncifera buccosa (H. G. Reichenbach) Finet ex Guillaumin.

Stems to 1 m, ca. 5 mm in diam., rigid, internodes ca. 2 cm. Leaves oblong, 6–12 × 1.5–2–(2.5) cm, subtruncate and praemorse. Inflorescence paniculate, 8–15 cm, subdensely many flowered; floral bracts subulate, ovate-lanceolate, 2–5 mm. Flowers 7–9 mm in diam., sepals and petals pale yellow or yellowish green, lip whitish, lateral lobes tinged purplish brown, spur yellowish green; pedicel and ovary 6–10 mm. Sepals broadly ovate, 4–5 × ca. 4 mm, concave, obtuse. Petals broadly obovate, 3–4 × ca. 2 mm, obtuse; lip 3-lobed; lateral lobes erect, ca. 4 × 2 mm, margin slightly undulate, apex obtuse; mid-lobe narrowly ovate, ca. 4 × 1 mm, fleshy, obtuse, with 2 high central connate lamellae; spur clavate, 3–4 × ca. 2 mm, eleft, interior with an oblate appendage on back wall and a lamellate appendage on front wall. Column ca. 3 mm; rostellum saddle-shaped, thick; anther cap caudate; stipe linear, ca. 3 mm; viscidium suborbicular. Capsule pendulous, cylindric, 2.5–3 × 0.7–1 cm, 5- or 6-ribbed. Fl. Jun–Sep, fr. Jul–Nov.

Epiphytic on tree trunks in open forests or on cliffs; 500–1200 m. C and S Fujian, W Guangdong, E Guangxi, Hainan, S and SW Yunnan [Bhutan, Cambodia, NE India, Laos, Myanmar, Thailand, Vietnam].