

173. ROBIQUETIA Gaudichaud, Voy. Uranie, Bot. 426. 1829.

寄树兰属 *ji shu lan shu*

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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*

1. *Robiquetia spatulata* (Blume) J. J. Smith, *Natuurk. Tijdschr. Ned.-Indië* 72: 114. 1912.

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; *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 × 2.5–3 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 cylindrical, 2–3 cm × 5–8 mm. Fl. Jul–Aug, fr. Sep–Oct. *2n* = 38.

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

2. *Robiquetia succisa* (Lindley) Seidenfaden & Garay, *Bot. Tidsskr.* 67: 119. 1972.

寄树兰 *ji shu lan*

Sarcanthus succisus Lindley, *Bot. Reg.* 12: ad t. 1014. 1826; *Cleisostoma virginale* Hance; *Oeceoclades paniculata* Lindley; *Pomatocalpa virginale* (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 oblong, ca. 4 × 1 mm, fleshy, obtuse, with 2 high central connate lamellae; spur clavate, 3–4 × ca. 2 mm, cleft, 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, cylindrical, 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].

