

71. STEREOSANDRA Blume, Mus. Bot. 2: 176. 1856.

肉药兰属 rou yao lan shu

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Herbs, terrestrial, holomycotrophic. Rhizome tuberous, fusiform to oblong, fleshy, noded, lacking roots. Stem erect, with scalelike or tubular sheaths at nodes, white with violet streaks, leafless, glabrous. Inflorescence terminal, racemose, with a few to many well-spaced flowers; floral bracts lanceolate. Flowers usually pendulous, resupinate, not opening widely, white with violet markings; pedicel and ovary short, conic. Sepals and petals free, connivent, similar, lanceolate; lip similar to petals but wider, entire, concave, margin undulate and incurved, ecallose, with 2 glands at base, not spurred. Column stout, fleshy, lacking a column foot; anther suberect, borne on a broad filament arising from back of column; pollinia 2, clavate, granular-farinaceous, with a long common caudicle and attached to a small common viscidium; stigma exerted, continuous with rostellum. Capsule maturing rapidly.

One species: widespread in SE Asia, extending north to S China and S Japan (Ryukyu Islands) and southeast to New Guinea and the Solomon Islands.

1. *Stereosandra javanica* Blume, Mus. Bot. 2: 176. 1856.

肉药兰 rou yao lan

Stereosandra javanica var. *papuana* J. J. Smith; *S. koidzumiana* Ohwi; *S. liukuensis* Tuyama; *S. pendula* Kraenzlin.

Plants to 30 cm tall. Rhizome 1.5–4 × 1–2.5 cm. Stem whitish with violet streaks, with many scalelike sheaths; sheaths brownish, clustered near base of stem, becoming more widely spaced above, to ca. 1.8 cm. Rachis laxly 5- to more than 10-flowered; floral bracts erect, 6–7 mm, mostly shorter than

ovary. Flowers pendulous, off-white, tinged with deep violet at apex; pedicel and ovary to ca. 1 cm. Sepals and petals similar, lanceolate, 7–9 × ca. 2.5 mm, apex acute; lip ovate-lanceolate, ca. 8 × 3.5 mm, concave, containing 2 low, wartlike calli at base. Column short, ca. 2 mm excluding anther; anther borne on a broad filament, cucullate, ca. 2.5 mm; stigma terminal. Capsule elliptic, to ca. 1 cm. Fl. Jun–Jul.

Evergreen forests; below 1200 m. S Taiwan, S Yunnan [Indonesia, Japan (Ryukyu Islands), Malaysia, New Guinea, Philippines, Thailand, Vietnam; Pacific islands (Solomon Islands)].

