

Salpistele Dressler

Salpistele adrianae Luer & Sijm, sp. nov. TYPE: Panama—Chiriquí: near San Felix, alt. 1700 m, collected by T. & A. Sijm, 16 Oct. 2001, flowered in cultivation in Vanhuizen, the Netherlands, Oct. 2008, *A.P. Sijm 220411* (Holotype: MO), C. Luer illustr. 20231. FIGURE 34.

Species haec Salpistelis brunneae Dressler affinis, sed habitu duplomagore, petalis latioribus trinervisque, labelli lobo mediano tantum leviter reflexo, et columnae apice late dilatato lobulato differt.

Plant large for the genus, epiphytic, caespitose; roots slender. Ramicauls slender, erect, 1–3 cm long, enclosed by 2 ribbed, tubular sheaths. **Leaf** erect, coriaceous, elliptical, petiolate, subacute to obtuse, 4–5 cm long including a petiole 1.5 cm long, 1.3–1.6 cm wide, the base cuneate into the petiole. **Inflorescence** a flexible, subflexuous, successively and distantly several-flowered raceme up to 10 cm long including the peduncle ca. 3 cm long, from high on the ramicaul; floral bracts oblique, acute, 2 mm long; pedicels 2–3 mm long; ovary 1 mm long; **sepals** red-brown with yellow margins, the dorsal sepal ovate, acute, shortly acuminate, concave, 4 mm long, 2.5 mm wide unexpanded, 3-veined, the lateral sepals connate into an ovate, acute, bicarinate synsepal, 4.5 mm long, 2.5 mm wide expanded; **petals** brown, minutely ciliate, narrowly subfalcate, acute, 4 mm long, 1 mm wide, 3-veined; **lip** brown, long-pubescent, 3-lobed, “U-shaped,” the lateral lobes narrowly ovate, acute, erect, surrounding the column, 1 mm long, the body of the lip 0.5 mm long and wide, the middle lobe triangular, recurved, 0.5 mm long, the base unguiculate, attached to the base of the column; **column** red, stout, terete, 1.5 mm long, dilated at the apex to form a flat, lobed, surface, the upper lobe erect, subcircular, 1 mm long, 0.75 mm wide, the lower lobe descending, 0.5 mm long, 0.75 mm wide, shortly 4-lobulate, surrounding the apical anther with protruding rostellum, and stigma.

Etymology. Named for Adriana, wife of Ton Sijm, and co-collector of this species.

Comments. This species, known only from

the original collection in western Panama, is related to the sympatric *Salpistele brunnea* Dressler. It differs from the latter by a twice larger habit, but with superficially similar flowers. The petals of *S. adrianae* are one millimeter wide and 3-veined, instead of a half millimeter wide and single-veined, and the mid-lobe of the lip is triangular, not narrow and abruptly recurved. Most distinctive is the broad, flat surface of the column, the erect, upper part one millimeter long and nearly as wide, while the lower portion is broad and four-lobulate.

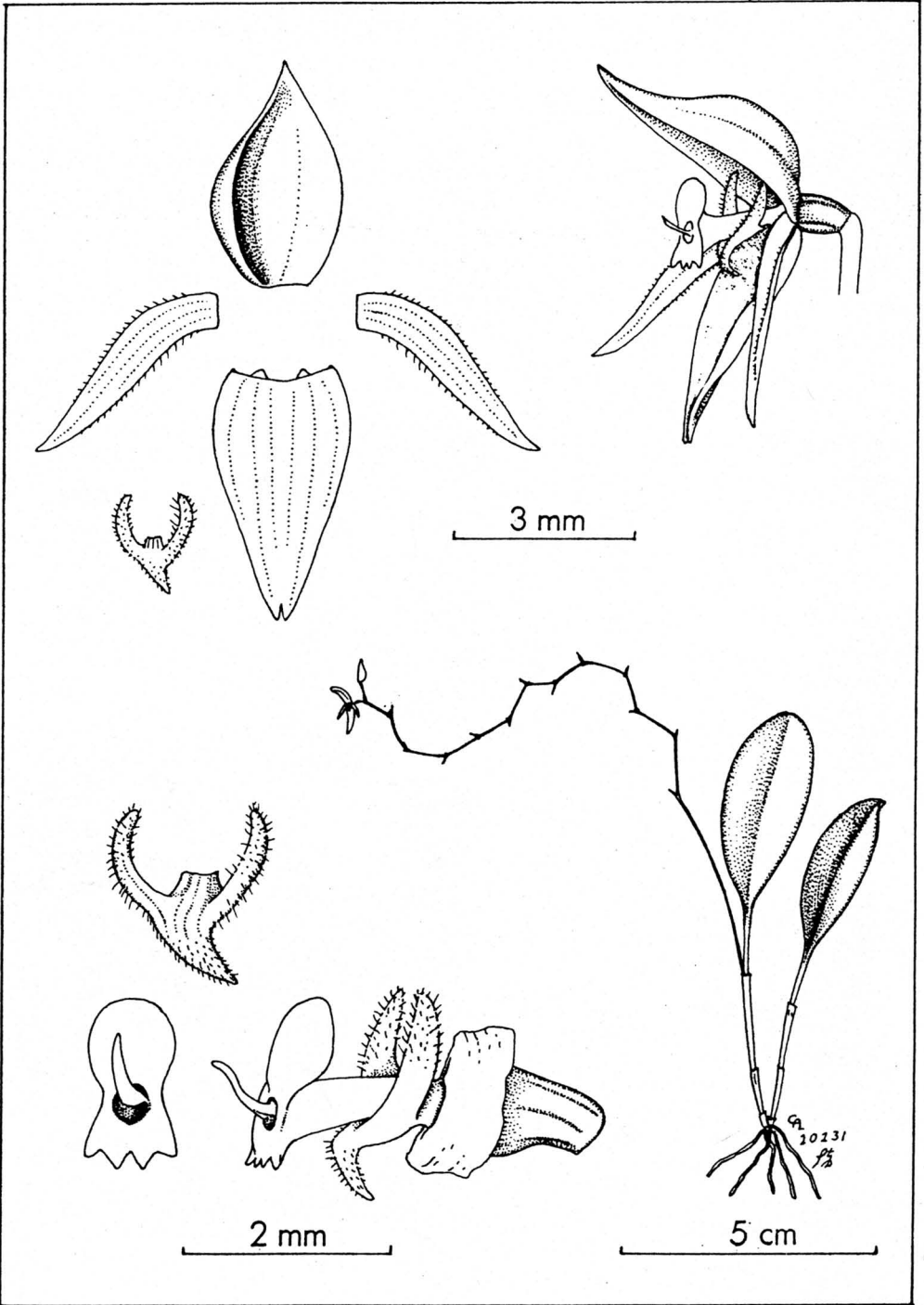


FIGURE 34. *Salpistele adrianae* Luer & Sijm, C. Luer illustr. 20231.