

## Dryadella toscanoi Luer, sp. nov.

Ety.: Named in honor of Dr. Antonio Toscano de Brito who collected this species.

Species haec *D. edwallii* (Cogn.) Luer similis, sed habitu majore, foliis latioribus et petalorum lobo inferiore grandi et rotundo differt.

**Plant** large for the genus, epiphytic, densely caespitose; roots slender. Ramicauls erect, 10-12 mm long, enclosed by 3 thin, loose, tubular sheaths. **Leaf** erect, thickly coriaceous, elliptical-obovate, subacute to obtuse, 3-6 cm long, 0.8-1 cm wide, narrowly cuneate below to the subpetiolate base. **Inflorescence** a congested, successively few-flowered raceme borne by a peduncle 4-5 mm long, enclosed by a sheath, from low on the ramicaul; floral bracts thin, imbricating, 5-8 mm long; pedicel 8-10 mm long; ovary 3 mm long, triolate; **sepals** yellow, spotted with red-purple, the dorsal sepal ovate, concave, 8 mm long, 14 mm long including the tail, 5.75 mm wide expanded, 3-veined with the midvein carinate, connate to the lateral sepals for 1 mm to form a sepaline cup, the apex obtuse, contracted into a thickened tail 6 mm long, the lateral sepals ovate, oblique, 8 mm long, 13 mm long including the tail, 4.5 mm wide, connate less than 1 mm at the base, with a transverse callus above the decurved base, the apices subacute, contracted to a thickened tail ca. 5 mm long; **petals** translucent, subsagittate, 4 mm long, 4 mm wide, 2-veined with the midvein carinate, the apex broadly obtuse, with a variable angle on the upper margin and a large, rounded lobule on the lower margin below the apex; **lip** unguiculate, the blade obovate, 3.5 mm long, 3.5 mm wide, the apex broadly rounded, acutely deflexed, the base above the claw with a pair of acute, elongate, retrorse angles, the disc with a pair of obtuse, minutely denticulate lamellae near the middle, the claw 2 mm long, bilobulate at the base, deeply channeled longitudinally, hinged to the apex of the column-foot; **column** slender, proportionately small, 3 mm long, winged on the distal half, minutely denticulate, the foot equally long, thick with the apex of the ovary.

**BRAZIL: Minas Gerais:** south of Minas Gerais, Serra da Mantiqueira, near the border with São Paulo and Rio de Janeiro, alt. ca. 1200 m, 25 Dec. 1981, (spirit collection 277) A. Toscano de Brito 144 (Holotype: MO, in liquid), C. Luer illustr. 18411.

This species, known only from the original collection, is not in cultivation. It is characterized by the large habit similar to that of *Dryadella aviceps*, and large flowers similar to those of *D. edwallii*. The leaves are broad and thick; the sepals have thick tails about as long as the blades; the petals have a large, rounded lobule below the apex; and the large, obovate blade of the lip is rounded at the apex and acutely deflexed, and the basal lobes are acute, elongated and retrorse.

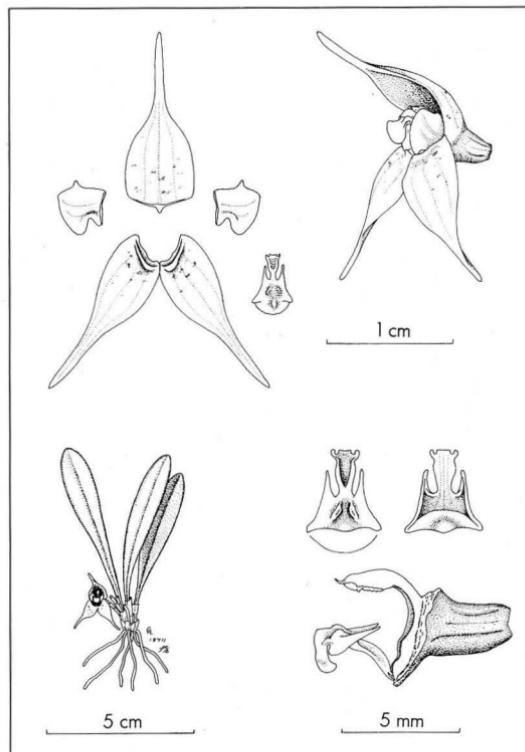


Fig. 43. *Dryadella toscanoi*