

Porroglossum dreisei Luer & Andreetta, sp. nov.

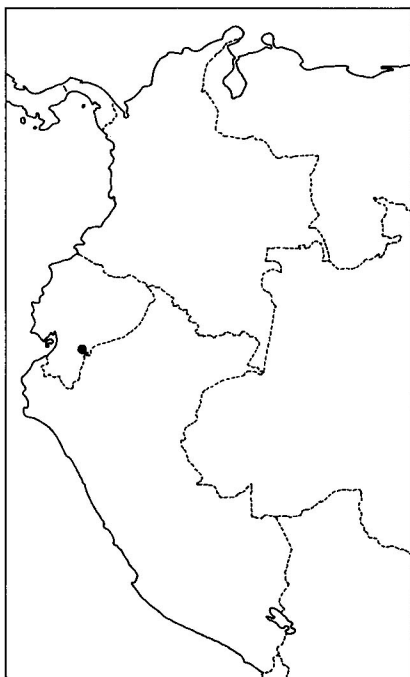
Ety.: Named in honor of Egon Dreise of Laval, Quebec, Canada, co-discoverer of this species.

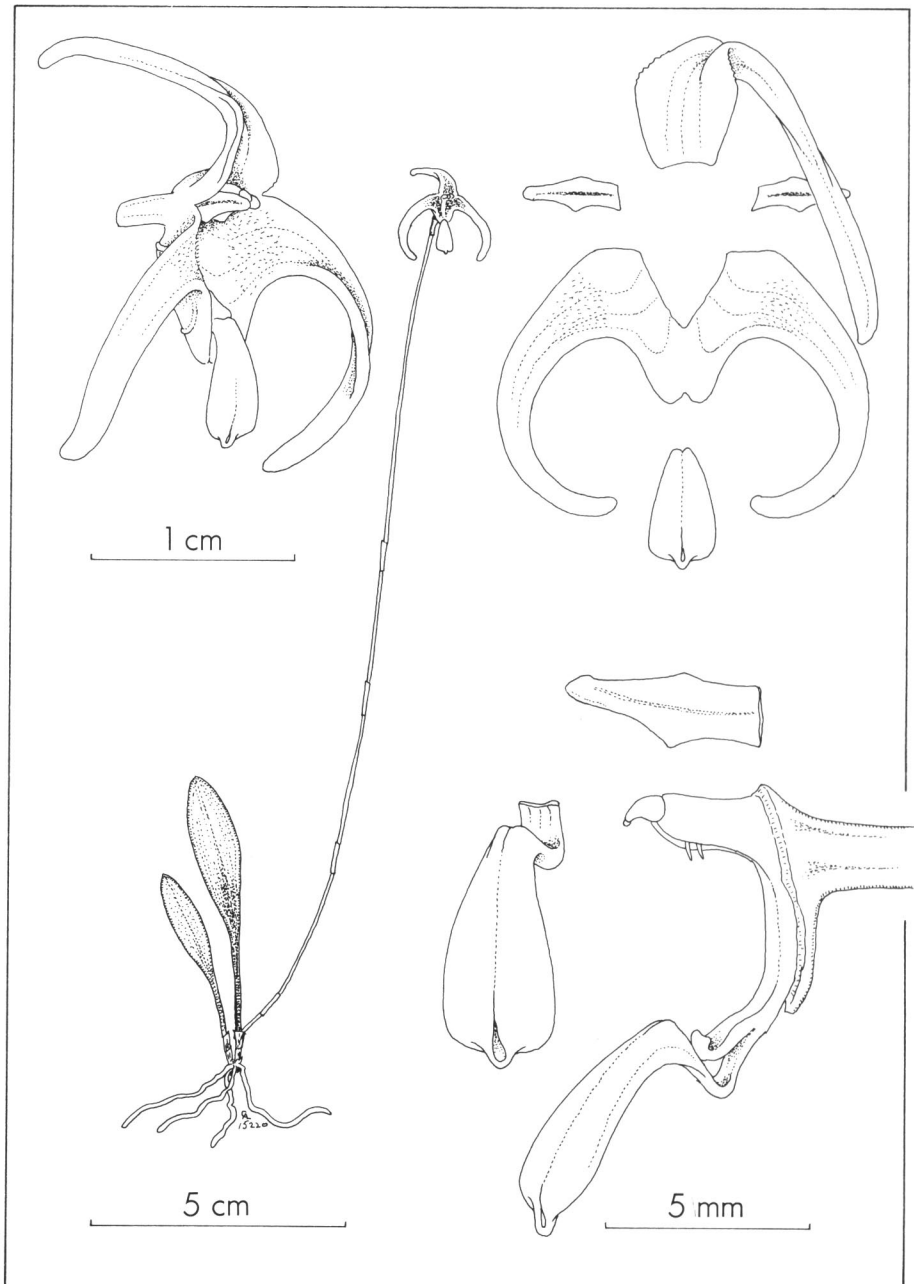
Species haec *P. andreettae* Luer affinis, sed pedunculo multolongiore, flore majore, et sepalorum lateralium caudis longis crassis latis incurvatis loriformibus differt.

Plant medium in size, epiphytic, caespitose; roots slender. Ramicauls blackish, slender, erect, 6-8 mm long, enclosed by 2-3 tubular sheaths. **Leaf** erect, thickly coriaceous, lightly verrucose, 3.5-5 cm long including a petiole 1-2 cm long, the blade elliptical-obovate, obtuse, 9-12 mm wide, the base cuneate into the slender petiole. **Inflorescence** a congested, successively few-flowered raceme, with the flowers resupinate, borne by an erect, smooth, slender peduncle 16-18 cm long, with 3 closely applied, distant bracts, from low on the ramicaul; floral bracts tubular, imbricating, 5 mm long; pedicel 6 mm long; ovary dark purple, 4.5 mm long; **sepals** fleshy, light tan with darker veins, minutely pubescent within, the hairs red, the dorsal sepal ovate, more or less conduplicate, the blade subquadrate, 6-7 mm long, 5 mm wide expanded, with minutely erose margins, connate to the lateral sepals for 3 mm, the apex contracted into a broad, thick, recurved, greenish brown tail about 14 mm long, the lateral sepals transversely oblong, the blades 3.5 mm long, 8.5 mm wide, connate to each other 3 mm behind the free apex of the column-foot, the apices broadly obtuse, gradually contracted into thick, curved, decurved tails 12 mm long, 2 mm broad; **petals** light brown with the midvein dark brown, ovate-oblong, 4.5 mm long, 1-2 mm wide, obtusely angled on both margins in the middle third; **lip** lowermost, light brown flecked in red, glabrous, the blade thick, obovate, subtruncate, 6 mm long, 3 mm wide, the lateral angles rounded, the apex with a short, rounded, concave apiculum, the base with a low, thickening, deflexed below into a straplike claw bent with tension around the free apex of the column-foot; **column** stout, semiterete, 2.5 mm long, the foot 4 mm long.

ECUADOR: Prov. of Morona-Santiago: Cordillera del Condor, epiphytic near Río Tunteime, alt. 1700 m, collected by A. Andreetta, M. Portilla & E. Dreise, flowered in cultivation by A. Andreetta at Paute, 22 Mar. 1991, *C. Luer 15220* (Holotype: MO).

This species of section *Porroglossum* was first discovered by Padre Andreetta and Mario Portilla, and later with Egon Dreise in the Cordillera del Condor. *Porroglossum dreisei* is distinguished by the large, resupinate flower with prominent, broad, curved, straplike sepaline tails. The petals are obtusely angled and the glabrous lip is narrowly cuneate with a sulcate apex. The ovary is not twisted. The flowers attain their resupinate position by a backward bending of the pedicel.



Plate 34. *Porroglossum dreisei* Luer & Andreetta