

**Porroglossum dactylum** Luer, sp. nov.

Ety.: From the Greek *dactylos*, "a finger," referring to the fingerlike sepaline tails.

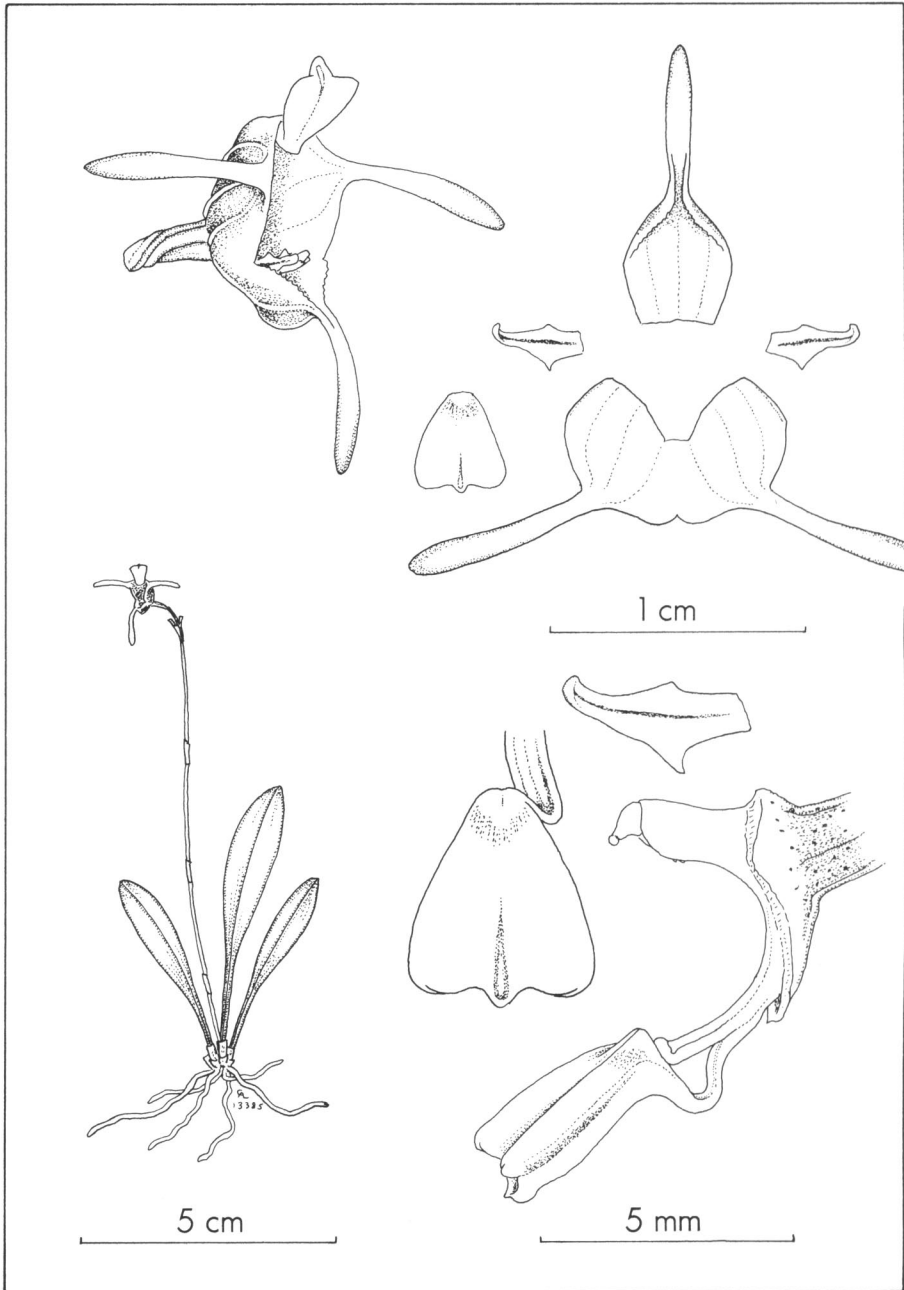
Species haec *P. dalstroemii* Luer similis, sed sepalorum caudis transversis longioribus et labelli lamina latiori triangulari differt.

**Plant** medium in size, epiphytic, caespitose; roots slender. Ramicauls blackish, slender, erect, 8-10 mm long, enclosed by 2-3 tubular sheaths. **Leaf** erect, coriaceous, petiolate, 3-6 cm long including the petiole 1-2 cm long, the blade elliptical, subacute, 8-12 mm wide, the base cuneate into the slender petiole. **Inflorescence** a congested, successively few-flowered raceme, the flowers non-resupinate, borne by an erect, smooth, slender peduncle 8-9 cm long, with 2-3 closely applied, distant bracts, from low on the ramicaul; floral bracts tubular, imbricating, 5 mm long; pedicel 4-5 mm long; ovary twisted, pitted, 5-6 mm long; **sepals** purple with or without darker purple spots, glabrous, the middle sepal obovate, deeply concave, 5 mm long, 4 mm wide unexpanded, connate to the lateral sepals for 3 mm, the obtuse apex contracted into a 1 mm thick, more or less clavate, descending tail 5.5-7 mm long, the lateral sepals transversely oblong, 5 mm long, 6 mm wide, connate to each other 3 mm behind the free apex of the column-foot, the broadly obtuse apices abruptly contracted into transverse, subclavate tails 6.5-8 mm long; **petals** rose with purple stripe and dots, ovate-oblong, 3.75 mm long, 1.75 mm wide, narrowed below the thickened apex, both margins with an acute process in the middle third; **lip** uppermost, purple with the apex white, glabrous, the blade thick, triangular, truncate, 4 mm long, 3.5 mm wide, the lateral angles rounded, the apex a short, obtuse, sulcate apiculum, the base with a low, pyramidal callus, deflexed below into a straplike claw bent with tension around the free apex of the column-foot; **column** stout, semiterete, 2 mm long, the foot 4 mm long, the stigma with a pair of pointed processes.

ECUADOR: Prov. of Morona-Santiago: Cordillera del Condor, collected by M. Portilla, flowered in cultivation by A. Andreetta at Paute, 16 May 1988, *C. Luer* 13385 (Holotype: MO); Cordillera del Condor east of Chuchumbletza, alt. 1650 m, 21 May 1988, *C. Luer*, *A. Hirtz*, *W. Flores*, *A. Andreetta* & *W. Teague* 13541 (MO).

This species of section *Torta*, recently discovered in the Cordillera del Condor, is similar to *P. dalstroemii* Luer, but *P. dactylum* is distinguished by the much longer, transverse, subclavate tails of the lateral sepals and a broad, triangular, glabrous blade of the lip.



Plate 31. *Porroglossum dactylum* Luer