

**Porroglossum marniae** Luer, sp. nov.

Fig. 11.

Ety.: Named for Marni Turkel of Santa Rosa, CA, who collected this species.

Species haec *Porroglossum nutibarae* Luer & R.Escobar similis, sed sepalo dorsali cauda brevia a dimidium laminae attingenti et labelli callo multithumiliore differt; a *P. olivaceo* H.R.Sweet sepalorum lateralium caudis multicrassioribus et labelli callo etiam multithumiliore differt.

**Plant** medium in size for the genus, epiphytic, caespitose; roots slender. Ramicauls erect, slender, 1 cm long, enclosed by 2 tubular sheaths. **Leaf** erect, coriaceous, petiolate, 5-8 cm long including the petiole 3-4 cm long, the blade narrowly elliptical, subacute, 1 cm wide, gradually narrowed below into the slender petiole. **Inflorescence** a successively several-flowered, congested fascicle, borne at the apex of a slender, erect, glabrous peduncle to 25 cm long, with a few widely spaced bracts, from low on the ramicaul; floral bracts tubular, imbricating, 4-5 mm long; pedicels 7-8 mm long; ovary smooth, 3 mm long; **sepals** translucent white, glabrous, the dorsal sepal transversely obovate-bilobed, 4 mm long, 9 mm wide expanded, 3-veined, connate to the lateral sepals for 2.5 mm to form a gaping cup, the apex retuse, acutely reflexed, abruptly short-caudate, the tail 2 mm long, the lateral sepals oblong, oblique, 6 mm long, 4 mm wide, connate 2 mm to form an obtuse mentum below the tip of the column-foot, the apices oblique, obtuse, contracted into white, descending, thickened, subclavate tails 12 mm long, 1 mm thick; **petals** translucent white, oblong-ovate, 4 mm long, 2 mm wide, narrowed to the slightly dilated, rounded apex, the margins with obtuse angles below the middle; **lip** with the blade dark purple, white at the base, obovate, 4 mm long, 3.5 mm wide, microscopically pubescent above the middle, the apex broadly obtuse, with a short, narrowly sulcate cavity within the apex, the base with a low, longitudinal, brownish callus, deflexed below into a slender, straplike claw bent with tension about the free apex of the column-foot; **column** semiterete, 2 mm long, the slender foot 4.5 mm long.

ECUADOR: **Imbabura** Selva Alegre, alt. 2050 m, collected 14 May 1983 by Marni Turkel, flowered in cultivation by Marni Turkel, 3 June 2002, *C. Luer 20140* (Holotype: MO), *C. Luer*

This species, collected in flower by Marni Turkel in northcentral Ecuador, has morphological features that place it between the Colombian *Porroglossum nutibara* Luer & R.Escobar and the Ecuadorian *P. olivaceum* H.R.Sweet. It differs from the former by a short, but distinct tail of the dorsal sepal similar to that of *P. olivaceum*, and the tails of the lateral sepals are thickened and subclavate also similar to those of *P. olivaceum*. From *P. olivaceum*, it differs in translucent white sepals, and thick instead of slender tails of the lateral sepals. The appearance of the flower is more like *P. nutibara* than *P. olivaceum*. From both of them, it differs with a low, longitudinal callus of the lip

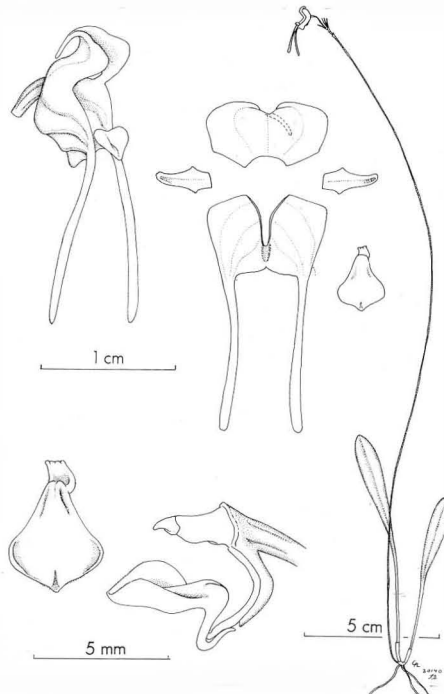


Fig. 11. *Porroglossum marniae*