

Pleurothallis stumpfleii Luer, sp. nov.

Herba pusilla caespitosa, caulibus secundariis brevissimis, racemo debili plurifloro foliis anguste obovatis duplolongiore, floribus successivis pellucidis guttatis, sepalis anguste ovatis acuminatis, petalis serrulatis, labello atropurpureo oblongo sulcato infra medium bidentato supra medium convexo rotundato ciliato, columna gracili pede bulboso.

Plant very small, epiphytic, caespitose; roots fine, flexuous. Secondary stems abbreviated, unifoliate, 5-8 mm long, enclosed by 2 thin, ribbed sheaths. Leaf suberect, light green, lightly mottled with purple beneath, coriaceous, narrowly obovate, petiolate, 30-45 mm long including the petiole 10-15 mm long, 6-9 mm wide, the apex subacute, tridenticulate, gradually narrowed below into the petiole. Inflorescence a weak, successively several-flowered raceme to 8 cm long including the filiform peduncle, from a node low on the secondary stem; floral bract 1 mm long; pedicel 3 mm long; ovary 1 mm long, rose with green ribs; sepals translucent greenish white, sparsely spotted with purple, unicarinate, the dorsal sepal ovate, 7-10 mm long, 1.5-2.25 mm wide, the apex acuminate, acute, the lateral sepals narrowly ovate, connate at the base for 1 mm, each 7-10 mm long, 1-2 mm wide, the apices acuminate, acute; petals translucent white, elliptical, serrulate, acute, 3-3.5 mm long, 0.6 mm wide; lip green, heavily marked with dark purple, oblong, 3-3.5 mm long, 1 mm wide, the apex convex, rounded, with ciliate margins above the middle, with a pair of narrow, marginal tooth-like lobes just below the middle, the disc with a longitudinal, pubescent cleft from the base nearly to the apex; column light green marked with purple, slender, semiterete, 3 mm long, with a short, bulbous foot.

ETYMOLOGY: Named in honor of Sr. Rodolfo Stumpfle of Lima, Peru, who exported this species.

TYPE: *ECUADOR*: ZAMORA-CHINCHIPE: epiphytic in cloud forest near Valladolid, alt. ca. 2500 m, July 1975, W. Teague, L. Figueroa & D. Welisch s.n., cultivated by H. Ripley in San Francisco, Calif, flowered in cult. 18 Aug. 1979, *C. Luer 4096* (HOLOTYPE: SEL).

ADDITIONAL MATERIAL EXAMINED: *PERU*: without locality, exported by R. Stumpfle, cultivated by M. & O. Robledo at La Ceja, Colombia, flowered in cult. 28 Jan. 1978, *C. Luer 2344* (SEL).

DISTRIBUTION: Southern Ecuador and Peru.

This little relative of *P. setigera* Lindl. may be distinguished by the weak, filiform, successively flowered raceme of translucent light-green flowers with a few purple spots. The serrulate petals lack a terminal awn, and the ligulate lip is ciliate above a pair of small, narrow lateral lobes.