

***Leptanthes ptyxis* Luer & Vásquez, sp. nov.**

Species haec *L. complicatae* Luer & Vásquez affinis, sed foliis non-acuminatis, petalis transverse oblongis et marginibus sepalorum lateralium circa quarta latitudine plicatis differt.

Plant small, epiphytic, caespitose; roots slender. Secondary stems erect, slender, 2-7 cm long, enclosed by 4-7 long-ciliate lepanthiform sheaths. Leaf erect, coriaceous, suffused with purple beneath, elliptical, acute, 17-27 mm long including a petiole 2-3 mm long, 7-15 mm wide, the base broadly cuneate into the petiole. Inflorescence a congested, distichous, successively several-flowered raceme up to 10 mm long, borne behind the leaf by a filiform peduncle 3-7 mm long; floral bract 1.5 mm long, lightly muricate; pedicel 1.5-2 mm long; ovary 1.5 mm long, sparsely papillose; sepals red-orange to yellow suffused with purple, spiculate along the margins and externally, the dorsal sepal ovate, concave, acute, acuminate, 4.5-6 mm long, 2.5-3 mm wide unexpanded, connate to the lateral sepals for ca. 1 mm, the lateral sepals ovate, oblique, acute, acuminate, connate 1 mm, 4.5-6.5 mm long, 1.75-2 mm wide together, each 1-veined, the lateral margins sharply folded over the surface of the blades about one-fourth the width, the edges of the folds as well as the margins and carinae spiculate; petals yellow with red to purple margins, microscopically pubescent, transversely oblong, 1 mm long, 3.4 mm wide, the ends rounded, the lower lobe slightly smaller; lip red-purple, microscopically pubescent, the blades ovate-oblong, 2 mm long, the apices narrowly obtuse and incurved beneath the apex of the column, the bases rounded, the connectives broadly cuneate, connate to the base of the lip, the sinus protuberant and rounded with a minute, rounded appendix at the summit; column 2 mm long, the anther and stigma apical.

Etymology: From the Greek *ptyxis*, "a fold," referring to the folded margins of the lateral sepals.

Type: *BOLIVIA*: LA PAZ: Prov. of Sud Yungas: epiphytic in cloud forest along the Rio Unduavi, alt. 2450 m, 6 Feb. 1980, *C. Luer, J. Luer, R. Vásquez & M. Manon 5140* (Holotype: SEL); Prov. of Nor Yungas: epiphytic in cloud forest west of Coroico, alt. 2550 m, 27 Jan. 1983, *C. Luer, J. Luer, R. Vásquez & E. Besse 8612* (SEL).

The folded margins of the lateral sepals of this species reach only about a fourth of the distance to the inner margin as compared to the marked folding over for nearly the entire width in *L. complicata*. The upper lobe of the petals is oblong in *L. ptyxis* instead of broadly falcate as in *L. complicata*.