

No. 99 - *LEPANTHES PACHOI* Luer & Escobar, sp. nov.

Planta grandis caespitosa, inflorescentia racemosa congesta folio elliptico breviter acuminato brevior, flore grandi sepalis acuminatis acutissimis, petalis transverse bilobis, lobis oblique triangularibus, labello subbilaminato, laminis angustissime ovatis, corpore latissimo subquadrato, sinu protuberanti cum appendice bidigitata.

Plant large, epiphytic, caespitose; roots slender. Ramicauls stout, erect, 18-22 cm long, enclosed by 15-17 microscopically scabrous, lepanthiform sheaths. Leaf erect, coriaceous, elliptical, obtuse, shortly acuminate, 8-9 cm long including the petiole, 3.5-4 cm wide, the rounded base contracted into a petiole 0.5 cm long.

Inflorescence a congested, successively several-flowered raceme, at least 1 cm long, borne by a slender peduncle 3-3.5 cm long; floral bracts acute, 1.5 mm long; pedicels 1 mm long, ovary 2 mm long, sepals pale yellow, flat, low-carinate, glabrous (glandular-cellular), the dorsal sepal ovate-triangular, acute, acuminate, 10-11 mm long, 5.5 mm wide, 3-veined, connate to the lateral sepals for 1.5 mm, the lateral sepals ovate, oblique, acuminate, acute, 10-11 mm long, 5 mm wide, 2-veined; petals yellow, the upper lobe with red margins, microscopically cellular-pubescent, transversely bilobed, 3 mm long, 4.5 mm wide, the lobes obliquely triangular, creating a 4-angled blade, the upper lobe larger with the broadest edge uppermost, the lower lobe with the broadest edge outermost, lip rose, subbilaminate, the blades narrowly ovate as thickened lateral margins of a broad, subquadrate body, 1.3 mm long and broad, embracing the under half of the column, connate to the base of the column, the sinus protuberant, rounded, with a narrowly bilobed, pubescent appendix at the apex; column 2 mm long, the anther dorsal, the stigma ventral

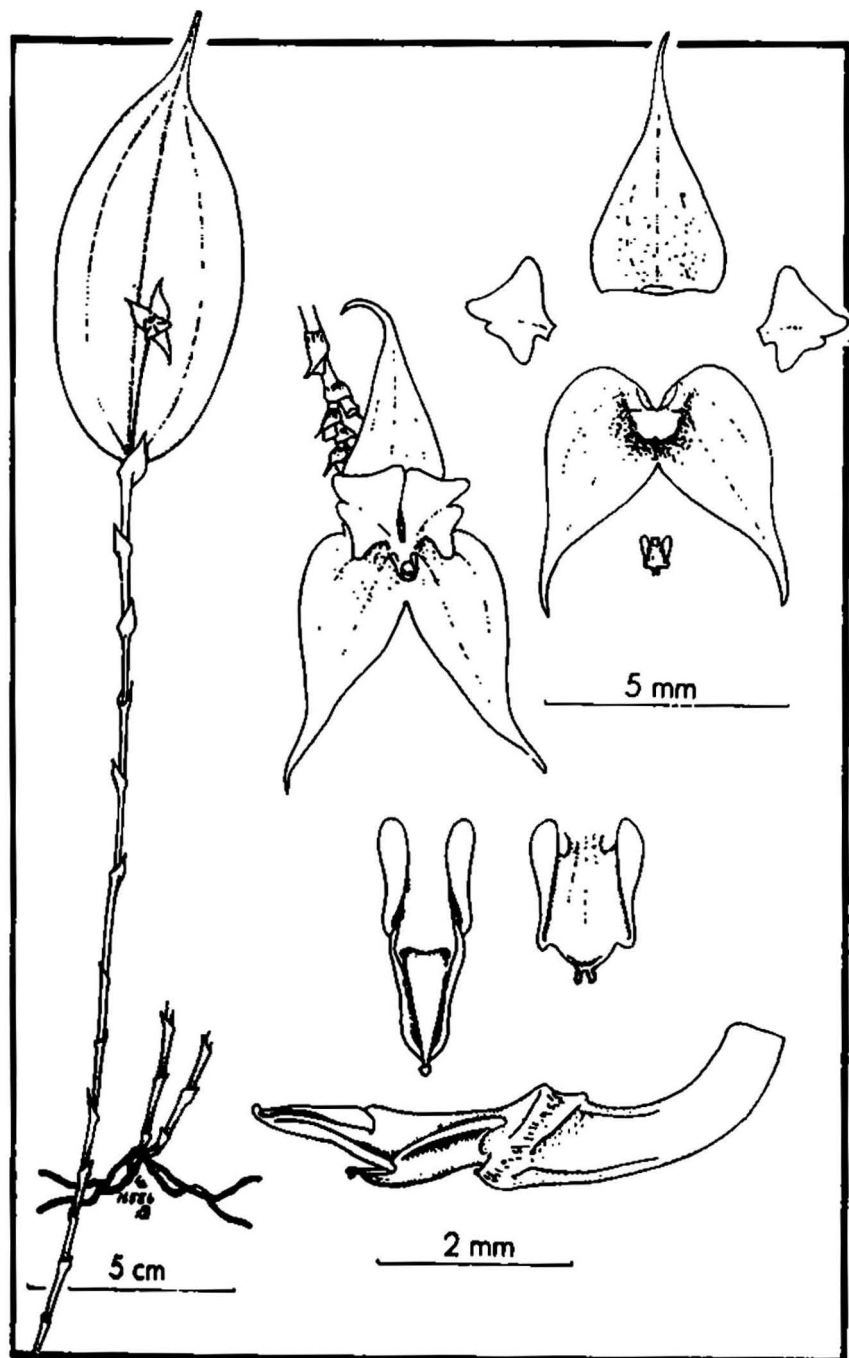
TYPE: Colombia: Dept. of Antioquia, Munic. of El Retiro, Hacienda Normandia above Colomborquideas, alt. 2500 m, collected by F. López et al., Oct. 1992, flowered in cultivation at Colomborquideas, 12 Dec. 1992 *R. F. Scobar 5015* (Holotype: JAUM; Isotype: MO), C. Luer illustr. 16556

ETYMOLOGY: Named in honor of Francisco "Pacho" López of Colomborquideas who discovered this species.

ETIMOLOGIA: Dedicada a Francisco "Pacho" López, de Colomborquideas, descubridor de la especie.

Although vegetatively this species is very similar to many other large ones with large yellow flowers borne in a short, congested raceme, *L. pachoi* is easily distinguished by the peculiar, flabellate petals. The four-angled petals appear to consist of a pair of lopsided triangles. The lip is also remarkable in that it consists of a subquadrate body under the column, with the lateral margins of the body developed into narrow blades to either side of the column. The appendix is a two-pronged organ borne on the margin of the protuberant sinus of the body

Si bien, en lo vegetativo, *L. pachoi* se parece marcadamente a muchas otras especies grandes que producen un racimo corto y denso de grandes flores amarillas, se distingue claramente de ellas por sus extraños pétalos flabelados. Estos son cuadrangulares y parecen componerse de dos triángulos ladeados. El labelo también es notable: consta de un cuerpo subcuadrado debajo de la columna, con los bordes laterales del cuerpo en forma de lámina delgada, una a cada lado de la columna. El apéndice es un órgano ahorquillado, en el borde del seno protuberante del cuerpo.



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