



***PLEUROTHALLIS CAPITONIS*** Luer & R. Escobar

5. **PLEUROTHALLIS CAPITONIS** Luer & R. Escobar, sp. nov.

Inter species subsectionis *Macrophyllae-Racemosae* flore solitario vel binis grande pendulo, synsepalo profunde concavo, petalis maculatis multinervatis, labello transverse hippocrepiformi acute deflexo integro ecalloso cum lobis basalibus subtubulosis differt.

**TYPE:** Colombia: Dept. of Santander: Velez, epiphytic in forest west of Velez toward Landazuri, alt. 2,150 m, 4 May 1984, C. Luer, J. Luer, R. Escobar & E. Valencia 10110 (Holotype: MO). Dept. of Cundinamarca: Salto del Tequendama. alt. 2500 m, 5 Jan. 1946, M. Schneider 325 (AMES). Ecuador: Prov. of Tungurahua, Cordillera de Los Llanganates, epiphytic in cloud forest near Leito, alt. 3,100 m, 11 Apr. 1985, C. Luer, J. Luer, A. Hirtz & W. Flores 11158 (MO).

**ETIMOLOGIA:** Del latín *capitonis*, "con una cabeza grande", en referencia al gran tamaño de cada flor.

**ETYMOLOGY:** From the Latin *capitonis*, "one with a big head," referring to large size of the single flower.

**Plant** large, epiphytic, caespitose; roots coarse. Ramicauls stout, erect, 15-47 cm long, with a tubular sheath near the middle and 2-3 others at the base. **Leaf** erect, coriaceous, narrowly elliptical-obovate, acute, acuminate, 10-23 cm long, 2.5-6 cm wide, narrowly cuneate below into a subpetiolate base up to 2 cm long. **Inflorescence** a pendent solitary flower or a loose two-flowered raceme, produced successively in a fascicle, from a spathe 1 cm long at the apex of the ramicaul; peduncle slender, arcuate, 15 mm long; floral bract 7-8 mm long; pedicels 10-11 mm long; ovary 7 mm long; **sepals** translucent cream-colored with purple spots, glabrous, membranous, the dorsal sepal ovate, acute, 17 mm long, 7 mm wide, 5-veined, the lateral sepals completely connate into a deeply concave, subglobose, obtuse synsepal, 14 mm long and broad unexpanded, 10-veined; **petals** cream with purple spots, glabrous, fleshy, narrowly ovate, ventricose, acute, 14 mm long, 5 mm wide, 5- to 6-veined; **lip** yellow with purple dots, thick, transversely horse shoe-shaped, the apex broadly rounded, minutely apiculate, 2.5 mm long from the base to the apex, 3.5 mm long from the far edge of the basal lobes, 4 mm wide, with the basal lobes rounded with revolute margins, flanking the column, the disc shallowly concave, acutely deflexed

upon itself above the base, the base broadly reflexed, inflexibly attached to the base of the column; **column** stout, terete, 2.5 mm long, the foot obsolescent, the anther, rostellum and stigma apical.

Este miembro grande de la subsección *Macrophyllae-Racemosae* se distingue por los ramicaules largos; las hojas más o menos pecioladas, largas, agudas, angostamente elíptico-obovadas; y una flor grande, péndula, manchada de morado, producida en un pedúnculo delgado de unos 15 m.m. de largo, una o dos a la vez. El sépalo dorsal tiene cinco venas, el sinsépalo diez y los pétalos seis. El amplio labelo tiene forma de U, es agudamente deflexo y presenta los lóbulos basales con márgenes revolutas.

This large member of the subsection *Macrophyllae-Racemosae* is distinguished by the long ramicauls; long, acute, narrowly elliptical-obovate, more or less petiolate leaves; and a large, pendent, purple-spotted flower produced one or two at a time by a slender peduncle about 15 mm long. The dorsal sepal is 5-veined, the synsepal is 10-veined, and the petals are 6-veined. The lip is broadly U-shaped, acutely deflexed, and with the basal lobes with revolute margins.