

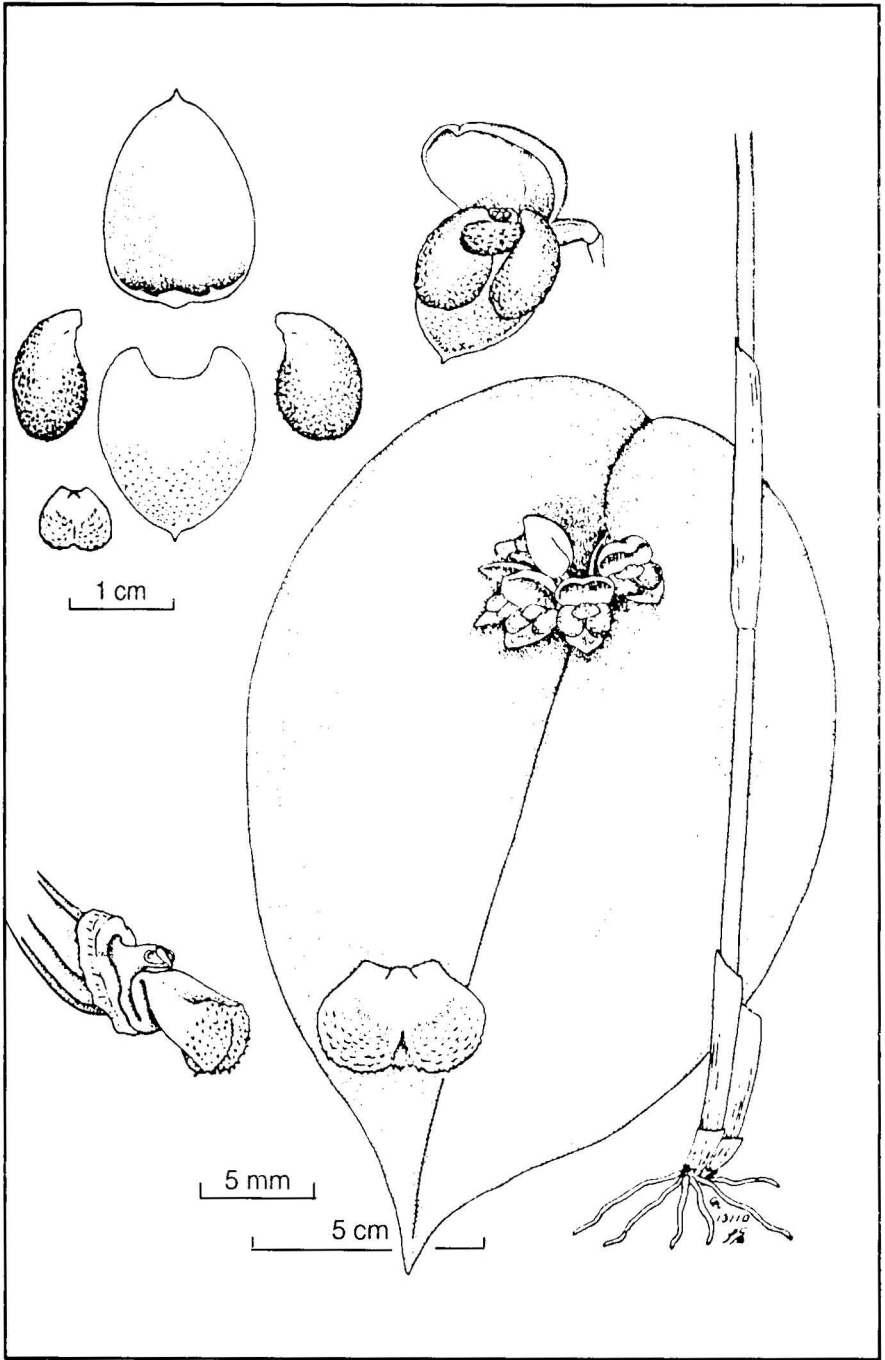


PLEUROTHALLIS MARTHAE

Luer & R. Escobar.

16. ***PLEUROTHALLIS MARTHAE*** Luer & R. Escobar, sp. nov.

Inter species sectionis *Macrophyllae-Fasciculatae* Lindl., statura grandi
foliis cordatis, floribus grandibus, sepalo dorsali laevi, synsepalo intus



PLEUROTHALLIS MARTHAE Luer & R. Escobar

minute papilloso, petalis echinatis late obovatis apice rotundatis, labello crasso convexo transverse obovato echinato distinguitur.

TYPE: Colombia: Dept. of Valle del Cauca: Garrapatas, collected by E. Valencia, flowered in cultivation at Colomborquídeas, 6 May 1993, *C. Luer 16689* (Holotype: JAUM; Isotype: MO); flowered in cultivation by M. & O. Robledo at La Ceja, 9 Apr. 1988, *C. Luer 13110* (MO).

ETIMOLOGIA: Nombrada en honor de Martha Posada de Robledo, de Medellín, Colombia, quien ha cultivado esta especie.

ETYMOLOGY: Named in honor of Martha Posada de Robledo of Medellín, Colombia, who has cultivated this species.

Plant large, epiphytic, caespitose; roots coarse. Ramicauls stout, erect, 15-70 cm long, with a tubular sheath below the middle and 2-3 others at the base. **Leaf** spreading, coriaceous, broadly cordate-ovate, obtuse, shortly acuminate, 15-25 cm long, 10-21 cm wide, the base deeply cordate, sessile. **Inflorescence** a few-flowered fascicle of solitary, showy flowers borne by peduncles 1-1.5 cm long, from a spathe 1-2 cm long, at the base of the leaf; floral bracts tubular, 10-15 mm long; pedicels 10-15 mm long; ovary 9-10 mm long; **sepals** rose, the dorsal sepal broadly ovate, obtuse, concave, 18 mm long, 13 mm wide, 15-veined, the lateral sepals completely connate into a broadly cordate-ovate, obtuse synsepal, 16 mm long, 14 mm wide, 14-veined, glabrous externally, minutely papillose within; **petals** rose, obovate, oblique, rounded at the apex, convex, 11 mm long, 7.5 mm wide, papillose on the outer half, densely spiculate on the inner half; **lip** light rose, thick, convex, transversely obovate, 5 mm long, 7 mm wide, the apex transverse, minutely apiculate, deflexed, the disc transversely rugose-verrucose on the convex surface above the middle, smooth below the middle, the base broadly truncate, acutely reflexed, hinged to the base of the column-foot; **column** stout, 1 mm long, 3 mm broad, the foot thick, 2 mm long, the anther, rostellum and stigma apical.

Este corpulento miembro de la sección *Macrophyllae-Fasciculatae* se distingue por las hojas amplias, profundamente cordiformes, y un fascículo de pocas flores vistosas, abiertas, relativamente grandes, de color rosado. Las flores se distinguen por los pétalos anchos, espiculados, con ápices redondos, y un labelo transverso, cóncavo, rugoso-verrucoso. Esta especie está más cercanamente relacionada con *P. imperialis* Luer en la cual los pétalos y el labelo son lisos.

This huge member of section *Macrophyllae-Fasciculatae* is distinguished by the broad, deeply cordate leaves, and a few-flowered fascicle of relatively large, showy, gaping, rose-colored flowers. The flowers are distinguished

by the broad, spiculate petals with rounded apices, and a transverse, convex, rugose-verrucose lip. It is most closely related to *P. imperialis* Luer in which the petals and lip are smooth.