

**Pleurothallis peraltensis** Ames sp. nov. Rhizoma valde abbreviatum. Caules secundarii caespitiosi, erecti, vaginis hispidulis omnino obtecti. Vaginae elongatae, tubulatae, in apicem dilatatum ovato-lanceolatum hispidulum productae. Folium elliptico-lanceolatum, apice bidentatum, racemo multo longius. Pedunculi fasciculati, ex axilla foliorum orientes. Racemus pauciflorus. Sepala lateralia vix usque ad medium cohaerentia, ligulata, carnosae, obtusae vel subacutae, extus per medium carinata, margine bene ciliata, trinervia. Sepalum dorsale lanceolatum, valde concavum, margine ciliata. Petala oblonga, usque ad basim leviter attenuata, valde membranacea, margine inaequaliter fimbriata. Labellum oblongo-panduratum, trinervium, supra medium spathulatum, prope apicem glandulosum, basi cordata auriculis incurvis, margine ciliata. Discus callo transverso prope basim labelli ornatus. Columna superne dilatata, apice fimbriata.

Roots coarsely fibrous, whitish. Rhizome abbreviated. Secondary stems 5–10 cm. long, 1–2 mm. in diameter, erect, entirely concealed by tubular closely appressed sheaths. Sheaths 1.3–2.5 cm. long, hispidulous along the nerves, dilated above, forming a lamina which is 7–11 mm. long ovate-lanceolate in outline, with the margin hispidulous. Leaf 4–6 cm. long, 1.2–1.5 cm. wide, elliptic-lanceolate, attenuated toward the ends, bidentate at the apex, coriaceous, marginate. Peduncles fasciculate in the axil of the leaf, enclosed at base by a spathaceous bract which is 1–1.5 cm. long. Raceme with the peduncle 1.5–3 cm. long, much shorter than the leaf, few-flowered. Bracts of the inflorescence about 1 mm. long, infundibuliform. Lateral sepals 4.5 mm. long, about 1 mm. wide near the middle, ligulate, somewhat narrowed toward the obtuse or subacute apex, united almost to the middle, lightly carinate on the outer surface along the mid-nerve, margin ciliate. Dorsal sepal 4.5–5 mm. long, narrowly lanceolate, acute, strongly concave, margin ciliate. Petals 2 mm. long, about .75 mm. wide, oblong, slightly dilated upward, unequally and deeply fringed on the margin, especially so above the middle. Labellum 3 mm. long, 1 mm. wide near the tip, 3-nerved, margin ciliate, oblong-pandurate, the apical half more or less spatulate in outline, minutely glandulose, obtuse, the base cordate with the minute obtuse auricles incurved. Disc with a transverse callus which is prominently thickened at the middle near the base of the labellum. Column 2 mm. long, dilated upward, deeply and unequally fringed.

*Pleurothallis peraltensis* is a close ally of *P. Purpusii* Schltr., from which it differs in the broader leaves, larger flowers and in the structure of the labellum. *P. gnomonifera* Ames is also a close ally, but is quite different in having smaller flowers and a differently shaped labellum.

COSTA RICA, Peralta, C. H. *Lankester* 484, July 13, 1923. Leaves dull purplish beneath. Sepals and labellum dark maroon, the upper sepal paler than the laterals. Petals hyaline faintly tipped with purple. 2500 feet altitude. (TYPE in Herb. Ames No. 26973.)