

Pleurothallis cachensis *Ames sp. nov.* Caules secundarii valde elongati, vagina tubulata laxe appressa vestiti, monophylli. Vagina scariosa in sicco, usque ad apicem leviter dilatata. Folium lineari-oblongum, obtusum, utrinque attenuatum, racemum multo excedens, sessile. Pedunculus cum racemo usque ad medium folii extentus, e vaginis spathaceis oriens. Racemus subdistichiflorus. Bractee flores subtendentes satis approximatae, infundibuliformes. Sepala lateralia supra medium libera, basi valde saccata, laminam ovatam bifidam formantia. Sepalum dorsale lineare, acutum. Petala linearia, acuta, uninervia, sepalis multo breviora. Labellum sagittatum, marginibus basilaribus erectis. Columna utrinque dentata, post antheram denticulata.

Secondary stems up to 14 cm. long, slender, with an elongated scarios sheath below the middle, monophyllous, hardly 2 mm. thick. Sheath 4.5 cm. long, more or less inflated toward the obtuse tip. Leaf about 10 cm. long, up to 9 mm. wide, very coriaceous, two or more times longer than the inflorescence, linear-oblong. Peduncle with the raceme up to 1.5 cm. long, arising from a scarios complanate sheath. Raceme about 4 cm. long, about 18-flowered. Bracts of the raceme infundibuliform, dilated upward, 3-4 mm. long, interbracteal spaces 1 mm. long. Ovary about 1 mm. long. Lateral sepals united beyond the middle, 8 mm. long; united portion when spread out ovate, acuminate, bifid, 4 mm. wide. when in natural position forming a strongly concave sac-like base within which the labellum is concealed; free portion of each sepal linear-triangular, acute, 3-3.5 mm. long; mid-nerve of each lateral sepal forming a prominent carina on the outer surface. Dorsal sepal 8 mm. long, fleshy, hardly 1 mm. wide above the base, linear, acute, 1-nerved, the margins somewhat involute. Petals about 3 mm. long, linear, acute, very delicate in texture. Labellum 3 mm. long, unguiculate, 2 mm. wide between the lateral lobes when spread out, sagittately 3-lobed, acute; basal lobes erect, rounded, slightly retrorse, forming a cordate base in front of the slender thickened claw; middle lobe 2 mm. long, 1 mm. wide. Disc ecallose. Column 2.5 mm. long, with an erect tooth on each side at the summit in front. Clinandrium minutely denticulate behind the anther.

In habit not unlike *Pleurothallis rufa* Rolfe, but very different from that species in the structure of the inflorescence.

COSTA RICA, Cachi, *C. H. Lankester* 76. Leaves Andover-green (Ridgway). Flowers honey-yellow (Ridgway), pendent. 3750-4000 feet altitude. (TYPE in Herb. Kew.)