

**Pleurothallis geminicaulina** *Ames sp. nov.* Rhizoma elongatum. Caules secundarii inter se satis distantes, elongati, prope basim vaginati, monophylli. Folium valde coriaceum, oblongo-ellipticum, apice bidentatum, epetiolum, in sicco valde rugosum. Pedunculi fasciculati, pauciflori, basi vaginati, folio multo breviores. Flores purpurei. Sepala lateralia paene usque ad apicem cohaerentia, laminam ellipticam formantia, extus bicarinata, dense glandulosa. Sepalum dorsale anguste oblongum, acutum, extus dense glandulosum. Petala lanceolata, acuta, margine bene fimbriata, nervo incrassato per medium. Labellum oblongum, carnosum, abrupte acutum, bicarinatum. Columna utrinque apice minute dentata.

Rhizome rigid, elongated, about 4 mm. in diameter. Secondary stems 3–8 cm. long, 1–2 cm. apart, sometimes in pairs, when immature clothed with several tubular scarios sheaths, monophyllous. Leaf 5–6 cm. long, up to 2 cm. wide, oblong-elliptic, bidentate at the apex, conspicuously rugose when dry, thickly coriaceous, sessile. Peduncles fasciculate, few, in the axils of the leaves, 2.5–3 cm. long, subtended by a spathaceous bract which is about 1 cm. long. Raceme about 1.5 cm. long, about 4-flowered, hardly reaching to the middle of the leaf. Bracts of the raceme obliquely infundibuliform. Ovary densely glandulose. Lateral sepals 9 mm. long, narrowly lanceolate, acute, with the tip carinate-thickened, densely and shortly glandulose on the outer surface, coherent almost to the apex, forming an elliptical lamina, lightly carinate on the outer surface along the middle. Dorsal sepal 9–10 mm. long, about 2 mm. wide, narrowly oblong, acute, densely and shortly glandulose on the outer surface, margin somewhat involute. Petals about 6 mm. long, 2 mm. wide, lanceolate, acuminate, drawn out into a slender, acute point, margin irregularly fimbriate, 1-nerved, with the nerve somewhat thickened. Labellum 3 mm. long, 1 mm. wide, broadly unguiculate, oblong, abruptly acute, somewhat constricted near the base when in natural position, strongly bicarinate on the upper surface, 3-nerved. Column 3 mm. long, with a minute tooth on each side at the summit.

In general habit suggesting *Pleurothallis Pantasmi* Reichb. f., which is a much stouter plant with winged secondary stems.

COSTA RICA, La Union, Turrialba, C. H. Lankester 454, May 12, 1923. Leaves dull purplish. Flowers purplish. Upper sepal striate. A widely distributed, but not common species. About 3500 feet altitude. (TYPE in Herb. Ames No. 27013.)