

**Pleurothallis peperomioides** *Ames sp. nov.* Rhizoma repens. Caules secundarii valde abbreviati, alterni, monophylli. Folium carnosum, orbiculare. Pedunculus abbreviatus, glandulosus, folio multo brevior. Flos glandulosus. Sepala lateralia anguste elliptica, paene usque ad apicem cohaerentia, concava, extus glandulosa. Sepalum dorsale sepalis lateralibus breviter connatum, elliptico-ovatum, valde concavum, extus glandulosum. Petala oblonga, acuta, trinervia, intus minute glandulosa. Labellum oblongum, subacutum, intus glandulosum. Columna gracilis, apice denticulata.

Roots abbreviated, up to 5 mm. long, smooth. Rhizome elongated, creeping, sometimes branched, densely glandular-pubescent. Secondary stems about 2 mm. long, glandular-pubescent, borne alternately on the rhizome, monophyllous. Leaf very fleshy, 6 mm. long more or less, 4-5 mm. wide, elliptical or orbicular, rugulose, approximate. Flowers solitary. Peduncle about 3 mm. long, densely glandular-pubescent, apparently arising from the rhizome at the base of a secondary stem. Lateral sepals about 6 mm. long, 2 mm. wide, narrowly elliptical, cohering almost to the apex, strongly concave, glandular-pubescent on the outer surface, obtuse. Dorsal sepal 5 mm. long, about 3 mm. wide near the middle, elliptic-ovate, subacute, 3-nerved, densely glandular-pubescent on the outer surface. Petals 4 mm. long, 1 mm. wide, oblong, acute, 3-nerved, somewhat glandular on the inner surface of the upper half. Labellum simple, 4 mm. long, 1.25 mm. wide above the middle, oblong, slightly dilated near the tip, rounded at the apex into a blunt point, smooth beneath, densely glandular above and on the margin, with the glandular excrescences directed forward. Column 3.5 mm. long, slender, toothed at the summit.

A close ally of the Cuban *Pleurothallis nummularia* Reichb. f., which is in part distinguished by the longer, more slender peduncles.

COSTA RICA, Peralta, *C. H. Lankester* 465. Sepals villose, hyaline, pale yellowish stained with purple; petals pale yellowish; lateral sepals and labellum interiorly blotched with deep maroon. Column pale green-yellow. Leaves dull yellow-green. (TYPE in Herb. Ames No. 26929.)