

**Pleurothallis casualis** *Ames sp. nov.* Herba epiphytica, dense caespitosa. Caules secundarii valde abbreviati, vaginati, monophylli. Folium cum petiolo oblanceolatum, apice tridentatum, marginatum. Pedunculus cum racemo folium aequans. Flores atrosanguinei, perpauci, inter se distantes. Sepala lateralia cohaerentia, laminam ellipticam sexnerviam formantia. Sepalum dorsale anguste lanceolatum, trinervium. Petala ovato-lanceolata, in caudam glandulosam producta. Labellum trilobatum; lobis laterali-bus erectis, rotundatis; lobo medio oblongo, obtuso. Discus glaber, carinis duabus ornatus. Columna in pedem brevem producta, apice quadridentata, dentibus denticulatis.

Epiphytic, densely caespitose plant up to 2.5 cm. tall. Secondary stems much abbreviated, less than 5 mm. long, concealed by scarious loosely appressed tubular sheaths, monophyllous. Leaf about 2 cm. long (including the slender petiole), scarcely 5 mm. wide, oblanceolate, marginate, bidenticulate at the rounded apex with the middle nerve forming a prominent cusp. Peduncle 2–2.5 cm. long, hardly equaling the leaf, filiform, bearing a few-flowered raceme. Flowers 4–5 mm. apart, two to three in a loose raceme. Bracts of the inflorescence minute, scarious, infundibuli-form. Lateral sepals 5 mm. long, united almost to the tip, forming an elliptical plate which is 3 mm. wide; each sepal 3-nerved with the innermost nerve almost obsolete, the middle nerve prominent on the outer surface. Dorsal sepal 5 mm. long, narrowly lanceolate, acute, 3-nerved. Petals about 4 mm. long, 1.5 mm. wide below the middle, ovate-lanceolate, acuminate, membranaceous, 1-nerved, the apical third more or less caudate and densely glandulose. Labellum 2.5 mm. long, lightly 3-lobed; lateral lobes basal, erect, forming together (when spread out) an orbicular plate in front of the terminal or middle lobe which is 1.5 mm. long, oblong, obtuse in outline, and lightly convex. Disc eglandulose or sparsely glandulose, traversed by two longitudinal keels which issue from a minute basal callus. Column more or less arcuate, produced into a short foot, quadridentate at the summit, the teeth inconspicuously denticulate.

A near ally of this species is *Pleurothallis abjecta* Ames, from which it differs in the caudate petals and different labellum. [Fig. 5: 1, flower spread out  $\times$  about 3. 2, labellum  $\times$  about 10. 3, column flattened out to show the terminal lobes, much enlarged.]

COSTA RICA, Province of San José, La Hondura, *Paul C. Standley 36517*, March 2–4, 1924. 1300–1700 meters altitude. On tree; flowers dark red. (TYPE in Herb. Ames No. 29145.)