

ORCHIDACEAE QUAEDAM AMERICANAE

Pleurothallis poasensis *Ames sp. nov.* Caules secundarii caespitosi, monophylli. Folium oblongo-ellipticum, racemo brevius. Flores mediocres. Sepala lateralia libera, lineari-triangularia, caudata. Sepalum dorsale simile. Petala oblonga, uninervia. Labellum panduratum, trinervium, ecallosum. Columna gracilis, ad apicem in laminam acutam producta.

Roots fibrous, whitish, smooth, 7 cm. long. Secondary stems caespitose, 5–9 cm. long, slender, about 1 mm. in diameter, paucivaginate, the sheaths elongated, closely appressed and soon disappearing. Leaf 5–9 cm. long, up to 1.9 cm. wide, elliptic-oblong, obtuse, contracted at base into a rigid petiole, pale yellow when dry, coriaceous. Peduncle solitary, arising from a short coriaceous sheath, including the raceme 10–12 mm. long, with several closely appressed sheaths. Raceme about 7 cm. long, bearing as many as ten flowers. Floral bracts 2–3 mm. long, infundibuliform, acute. Lateral sepals about 9 mm. long, free nearly to the base, 1 mm. wide below the middle, 3-nerved, linear-triangular, tapering gradually to a subfiliform tip. Dorsal sepal similar, 7.6 mm. long, 3-nerved, about 1 mm. wide near the base. Petals 3 mm. long, 1 mm. wide, oblong, conspicuously 1-nerved along the middle, tapering abruptly into an acute tip. Labellum ecallose, 3 mm. long, 1.5 mm. wide below the middle when spread flat, panduriform-lanceolate, obtuse, conspicuously 3-nerved, the nerves somewhat thickened-carinate. Column slender, 2.5 mm. long, prolonged behind the anther into a triangular subulate membrane.

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From dried specimens it would seem that the lip when fresh is obscurely 3-lobed, when dry it assumes, when spread out, a distinctly pandurate outline.

Similar in habit to *Pleurothallis dolichopus* Schltr., but with much smaller flowers. From *P. stenopetala* Schltr. it differs in its pandurate lip.

COSTA RICA, Volcan du Poas, *H. Pittier 3054*, July 31, 1890. 2500 meters altitude. (TYPE in U. S. Nat. Herb. No. 579517.)