

## ORCHIDACEAE QUAEDAM AMERICANAE

**Pleurothallis samacensis** *Ames sp. nov.* Herba epiphytica, dense caespitosa. Caules secundarii abbreviati, vaginati, monophylli. Folium marginatum, petiolatum, oblanceolatum, apice inconspicue bilobulatum, apiculo interjecto. Pedunculus gracilis pauciflorus. Flores purpureo-tincti. Sepala lateralia triangularia, caudata, margine glanduloso-ciliato. Sepalum dorsale lineari-triangulare, in caudam productum, margine glanduloso-ciliato. Petala in caudam producta, a basi oblongo-cuneata, aristata et den-

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tata. Labellum subpanduratum, minute denticulatum, callo flabellato instructum. Columna apice integra.

Densely caespitose epiphyte with slender whitish roots. Secondary stems ascending or erect, abbreviated, up to 3 mm. long, concealed when young by chartaceous whitish translucent sheaths. Leaf long-petiolate, including the petiole up to 1.6 cm. long; lamina marginate, 1 cm. long more or less, up to 4 mm. wide, oblanceolate, bilobed at the apex, with a minute apicule between the lobes. Petiole slender, about 6 mm. long, sulcate. Peduncle solitary at the apex of a secondary stem, exceeding the leaf, 1.5–2 cm. long, filiform, with several infundibuliform bracts at intervals below the raceme. Raceme 2–3-flowered, lax. Bracts of the inflorescence infundibuliform, scarious. Pedicel and ovary about 3 mm. long. Lateral sepals free almost to the base, 4 mm. long, 1 mm. wide, triangular-lanceolate, caudate-tipped, 1-nerved and lightly carinate along the median line, with a short supplementary nerve, margin glandular-ciliate. Dorsal sepal nearly 5 mm. long, linear-triangular, terminating in a slender caudate tip, 3-nerved, margin glandular-ciliate. Petals 4 mm. long, lower third cuneate-oblong, about .5 mm. wide, dentate and aristate where they are abruptly narrowed to form the linear-caudate terminal two-thirds, 1-nerved. Labellum 2.25 mm. long, angled on each side at base, gradually dilated to about the middle, when it becomes expanded into an obovate lightly retuse lamina with unevenly denticulate margin; basal third of the labellum ornamented with a flabellate callus. Column 2 mm. long, dilated upwards, cucullate at the summit, entire.

In habit not unlike *Pleurothallis Fuegii* Reichb. f., but distinct in the perianth segments. Related to *P. hastata* Ames, but distinguished from it by the awned petals. *P. setigera* Lindl. belongs to the same alliance, and in shape of the petals is very similar. *P. schistopetala* Schltr. is another near ally, but is larger in all its parts and has more ciliate petals.

GUATEMALA, Department of Alta Verapaz, Samac to Cobán, *Harry Johnson* 765, October 20, 1920. On tree

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**trunks in shady forest. Flowers purplish. 4500 feet altitude.  
(TYPE in Herb. Ames No. 22743.)**