

Pleurothallis acrisepala A. & S. sp. nov. Herba parva. Caulis minutus, unifolius. Folium oblanceolatum, apice minute tridenticulatum, inferne sensim longe angustatum. Pedunculus quam folium longior, filiformis. Pedicelli fasciculi, ex axillis bractearum orientes. Sepala lateralia in laminam ovato-lanceolatam connata. Sepalum dorsale oblongo-lanceolatum. Petala multo minora, obliquissime triangulari-spathulata. Labellum oblongo-lanceolatum, utrinque minute retrorso-lobulatum.

Plant small, allied to *P. Brighamii* S. Wats. Roots fibrous, flexuous, glabrous. Stem minute, monophyllous, surrounded by fibres of sheaths. Leaf oblanceolate, 5.1–6.9 cm. long, 9.5–12 mm. wide above the middle, acutish or rounded with a minutely bilobed and apiculate tip, very gradually narrowed toward the base to an indistinct slender channelled petiole, spreading, coriaceous in the formalin material, with the mid-nerve prominently sulcate above and carinate beneath. Peduncle below the inflorescence about 8.5–9.55 cm. long, filiform, glabrous, with three remote tightly clasping tubular sheaths. Pedicels two to three, springing from the axils of closely imbricating infundibuliform sheaths which are at the summit of the peduncle. Flowers one at a time, apparently purplish. Sepals very shortly connate into a shallow cup at the base but with spreading upper portions. Lateral sepals connate into an ovate-lanceolate lamina 8.15–9.1 mm. long (inclusive of the portion adnate to the column-foot), about 4 mm. wide, sharply bidentate for about one-third of their length, with narrow acuminate teeth, bicarinate on the outer surface, 6-nerved. Dorsal sepal oblong-lanceolate, 8.5–9 mm. long, about 2.2 mm. wide, shortly but sharply acuminate, 3-nerved, unicarinate on the lower half of the outer side. Petals much smaller than the sepals, about 3.5 mm. long, very obliquely spatulate, the forward margin round-dilated in the middle then narrowed to an acuminate thickened tip, the posterior margin straight, 2-nerved. Labellum oblong-lanceolate, 4 mm. long, about 1.2 mm. wide where broadest; claw minutely auricled on each side at the base. Disc retrorsely hastate-auricled on each side below the middle and bicarinate there, 3-nerved, minutely and densely papillose, especially the lower third, rounded at the apex, anterior margins minutely fimbriate, the nerves keeled on the under surface especially at the tip. Column 2.5–2.9 mm. long, with a broad petaloid wing which is sharply 3-toothed at the summit.

Pleurothallis acrisepala is allied to *P. Brighamii* S. Wats., but is a larger plant with different sepals and lip. It also differs from *P. pyrsodes* Reichb. f. in having dissimilar sepals and lip.

PANAMA, without exact locality, C. W. Powell 420. (TYPE in Herb. Ames No. 29014.)