

Pleurothallis crucilabia *Ames & Correll sp. nov.*

Herba parva, epiphytica, erecta vel adscendens, caespitosa. Caulis gracilis, unifolius, vaginis lepanthiformibus omnino obtectus. Vaginae caulinae tubulares, costibus parce hispidis donatae, supra in apicem acuminato-apiculatum hispidum leviter dilatatae. Folium linear-oblongum, acutum, coriaceum, marginatum, glabrum. Pedunculi saepissime duo, graciles; racemi laxe pauciflori. Florum bractae infundibuliformes, acuto-apiculatae, scariosae. Flores glabri, valde arcuati, pedicellis gracilibus conspicue arcuatis. Sepalum dorsale elliptico-oblongum, acutum, valde cymbiforme, nervis dorso carinatis. Sepala lateralia usque ad medium connata, basi gibbosa, oblique triangulari-lanceolata, acuminata, decurvata, dorso carinata. Petala oblique oblonga, apice late rotundata, uninervia. Labellum breviter unguiculatum, in situ naturali arcuatum, expansum trilobatum, trinervium; lobi laterales late rotundati, marginibus apicalibus leviter incrassatis; lobus medius oblongo-quadratus, apice subtruncatus. Columna generis.

Plant small, epiphytic, erect or ascending, caespitose, up to 7.5 cm. tall. Secondary stem slender, monophyllous, 2–3.5 cm. long, concealed by lepanthiform sheaths; sheaths tubular, acuminate-apiculate at the slightly dilated apex, sparingly hispid along the costae and on the apical margin. Leaf linear-oblong, acute, coriaceous, marginate, glabrous, 1.5–2.5 cm. long, about 5 mm. wide. Peduncles usually two, slender, up to 4 cm. long including the loosely few-flowered raceme. Floral bracts infundibuliform, acute-apiculate, scariosous, 1.5–2 mm. long. Flowers pale yellow, glabrous, strongly arcuate, with slender persistent conspicuously arcuate pedicels which are about 3 mm. long. Dorsal sepal elliptic-oblong, acute, deeply cymbiform, 3-nerved, dorsally carinate along the nerves, 4.5–5.3 mm. long, 2.5–3 mm. wide below the mid-

dle. Lateral sepals united to about the middle, gibbous at the base, obliquely triangular-lanceolate, acuminate, decurved, dorsally prominently carinate along the solitary nerve, 4–5 mm. long, 2–2.5 mm. wide across the united basal portion. Petals obliquely oblong, broadly rounded at the apex, 1-nerved, 2–2.5 mm. long, 0.8–1 mm. wide. Lip with a short claw, arcuate in natural position, hastately 3-lobed when spread out, 3-nerved with the nerves extending slightly above the middle of the lip, 3–3.2 mm. long including the claw, 1.8–2.2 mm. wide across the lateral lobes; lateral lobes broadly rounded, slightly thickened on the apical margins; mid-lobe oblong-quadrate, subtruncate at the apex, about 1 mm. wide. Column short, stout, fleshy, tridentate at the apex, 2 mm. long, with a foot about 1 mm. long. Capsule obliquely globose, about 4 mm. long.

This species is unique among the Guatemalan species of *Pleurothallis* in that it has a subequally three-lobed lip. There seems to be no closely allied species in Central America. The Jamaican *Pleurothallis trilobata* Fawc. & Rendle has a similarly shaped lip. However, that species is a minute plant less than 1 cm. tall and the lip is only about one half as long as that of *P. crucilabia*.

GUATEMALA: Guatemala, Volcán de Pacaya, above Las Calderas, alt. 1800–2400 m., Nov. 30, 1938, *P.C. Standley 58433* (TYPE in Herb. Field Mus. No. 974102).