

Pleurothallis triangulipetala *Ames & Correll sp. nov.*

Herba parva, epiphytica, caespitosa, erecta. Caulis gracilis, unifoliatus, vaginis lepanthiformibus obtectus; vaginae tubulatae, costis prominentibus hispidis, in apicem acuto-apiculatum hispido-ciliatum dilatatae. Folium a petiolo brevi sulcato suborbiculare vel late ellipticum, obtusum vel retusum et cuspidatum, marginatum, glabrum, coriaceum. Pedunculi plures, filiformes, glabri, cum

racemo paucifloro. Florum bracteae ovato-cucullatae, subacutae, scariosae. Flores parvi, cum ovariis pedicellatis gracilibus bracteis subaequalibus. Sepalum dorsale triangulari-ovatum, obtusum, supra parce ciliatum. Sepala lateralia fere usque ad apicem connata, laminam late ellipticam formantia: lamina obtuse bifida, dorso bicarinata, supra parce ciliata. Petala oblique triangularia, breviter acuminata, uninervia. Labellum in situ naturali arcuato-decurvatum, expansum lineari-oblongum, obtusum, infra medium leviter dilatatum, marginibus inferioribus leviter incurvatis et marginibus superioribus revolutis, basi utrinque cum auricula parva incurvata; lamina obscure trinervia, tertia inferiore callo lineari supra bifurcato ornata. Columna generis.

Plant small, epiphytic, erect, caespitose, up to 8 cm. tall. Secondary stem slender, monophyllous, 1.8–5 cm. long, concealed by three to six lepanthiform sheaths; sheaths tubular, acute-apiculate at the dilated apex, hispid along the prominent costae and apical margin. Leaf with a short sulcate petiole, suborbicular to broadly elliptic, obtuse and retuse at the apex with a cusp in the sinus, marginate, glabrous, coriaceous, 2–3 cm. long, 1–1.5 cm. wide. Peduncles several, filiform, glabrous, about 1.5 cm. long including the few-flowered raceme. Floral bracts ovate-cucullate, subacute, scarious, tinged with purple, about 2 mm. long. Flowers small, purplish white, with slender pedicels which are about as long as the bracts. Dorsal sepal triangular-ovate, obtuse, 3-nerved, sparingly ciliate on the apical margins, 4 mm. long, 2.2 mm. wide at the base. Lateral sepals united almost to the apex to form a broadly elliptic lamina; lamina obtusely bifid, 4 mm. long, 2.5 mm. wide, 6-nerved, dorsally carinate along the mid-nerve of each sepal, sparingly ciliate on the apical margins. Petals obliquely triangular, shortly acuminate, entire, 1-nerved,

1.5 mm. long, about 0.7 mm. wide at the base. Lip arcuate-decurved in natural position, linear-oblong when spread out, obtuse, slightly dilated below the middle with the margins somewhat upturned, apical margins deflexed, silky-pubescent along the margins, with a small incurved auricle on each side at the base, 2.5 mm. long, about 1 mm. wide; disc obscurely 3-nerved, provided in the middle of the lower third with a linear callus which divides and extends above the middle of the lip as two slightly thickened ridges. Column short, stout, fleshy, irregularly serrate at the apex, 1.5 mm. long, with a broad foot about 1 mm. long. Capsule subglobose, about 5 mm. long.

This species is closely allied to *P. Blaisdellii* S. Wats. and *P. gnomonifera* Ames, but differs mainly in its entire triangular petals and essentially glabrous sepals.

GUATEMALA: Sacatepéquez, Barranco Hondo, lower slopes of Volcán de Fuego, alt. about 1800 m., Dec. 16, 1938, *P. C. Standley 60278* (TYPE in Herb. Field Mus. No. 993854).