

**PLEUROTHALLIS lepidota** L. O. Williams, sp. nov. (pl. 32, figs. 8–12). Herbae caespitosae, epiphyticae, parvae, usque ad 22 cm. altae. Caulis secundarius gracilis. Folia elliptica vel elliptico-lanceolata, breviter acuminata. Inflorescentia racemosa, pauciflora, folio brevior. Sepalum dorsale lineari-lanceolatum, acutum, trinervium, carinatum. Sepala lateralia subtriangularia, plusminusve usque ad apicem connata, acuminata, dorso carinato-alata. Petala linearia, acuta, uninervia. Labellum unguiculatum, obscure trilobatum, intus lepidotum vel lepidoto-verrucosum, callo mammillato ad unguis et laminae junctionem; lobi laterales rotundati, erecti; lobus medius oblongo-lanceolatus, acutus. Columna generis; clinandrium serrulatum.

Small caespitose, epiphytic herbs up to about 22 cm. tall. Secondary stems about 9–12 cm. long, slender, partially invested with 2–3 scarious sheaths. Leaves 7–10 cm. long, 3–3.5 cm. broad, elliptic to elliptic-lanceolate, short-acuminate. Inflorescence racemose, few-flowered, one or more from the axil of a leaf, shorter than the leaf; bract subtending the inflorescence about 1.5 mm. long, chartaceous, lanceolate; bracts of the inflorescence about 3 mm. long, ovate-lanceolate, surrounding the rachis. Dorsal sepal 13–14 mm. long and about 2 mm. broad, linear-lanceolate, acute, 3-nerved, carinate. Lateral sepals about 14 mm. long and (together) 12 mm. broad at their base, nearly triangular, connate nearly to their apices, acuminate, each 3-nerved and carinate-winged along the mid-nerve dorsally, outer surface papilliferous. Petals about 5 mm. long and 0.25 mm. broad, linear, acute, 1-nerved. Lip about 8 mm. long and 5 mm. broad, unguiculate, obscurely 3-lobed, upper surface lepidote or lepidote-verrucose, with a mammillate callosity at the junction of the claw and the lamina, margins serrulate to serrate; lateral lobes 2 mm. long and as broad, rounded, erect in natural position; mid-lobe oblong-lanceolate, acute, about 4–5 mm. long, and 2 mm. broad. Column 4–5 mm. long; clinandrium serrulate.—CHIRIQUÍ: epiphytic, Llanos del Volcán, about 1300 m. alt., flowers green striped maroon, Jan. 23, 1939, *Allen 1552* (Herb. Ames, No. 57700, TYPE).

A handsome large-flowered species not closely allied to any other in Central America.