

*PLEUROTHALLIS pterocaulis* L. O. Williams, sp. nov. (pl. 32, figs. 1–7). Herbae epiphyticae, repentes, usque ad 16.5 cm. altae. Caulis secundarius alatus vel angulatus, quam folia brevior. Folia elliptica vel elliptico-lanceolata, acuta, coriacea. Inflorescentia uni- vel pauciflora racemorum fasciculus, folio brevior. Sepalum dorsale oblongo-lanceolatum, obtusum vel acutum, naviculare, carinatum. Sepala lateralia usque ad medium connata, oblongo-lanceolata, plusminusve obliqua, acuta, trinervia, carinata. Petala subrhombico-obovata, uninervia, ad apicem serrulata. Labellum unguiculatum, oblongo-lanceolatum, obtusum, carinatum, bicallosum; unguis basi inconspicue biauriculatus.

Repent epiphytic herbs up to 16.5 cm. tall. Secondary stems 2.5–7 cm. long, winged or strongly angled (at least when dry), shorter than the leaves. Leaves 4–11 cm. long, 1–1.5 cm. broad, elliptic to elliptic-lanceolate, acute, coriaceous. Inflorescence a fascicle of 1–few-flowered racemes, much exceeded by the leaves. Dorsal sepal about 6 mm. long and 2–2.5 mm. broad, oblong-lanceolate, obtuse or acute, strongly navicular, carinate with the apex thickest. Lateral sepals connate for about half or more their length, 5–6 mm. long and together about 5 mm. broad; each sepal oblong-lanceolate, somewhat oblique, acute, 3-nerved, carinate, with a thicker carinate cushion toward the free margin. Petals about 2.5 mm. long and 1.7 mm. broad, subrhombic-obovate, 1-nerved, the apical margin serrulate. Lip about 4 mm. long and 1.5 mm. broad, unguiculate, oblong-lanceolate, obtuse, carinate, with two inconspicuous calluses at the junction of the claw and the lamina; the claw inconspicuously biauriculate at the base. Column about 2.5 mm. long; column-foot about 1.5 mm. long.—COCLÉ: vicinity of El Valle, 600–1000 m., alt., flowers dull red, Dec. 8, 1938, *Allen 1239* (Herb. Ames, No. 57701, TYPE).

*Pleurothallis pterocaulis* is allied to *P. hondurensis* Ames, from which it may be distinguished by the subrhombic-obovate, obtuse petals, instead of lanceolate, acute petals, and by other vegetative and floral details.