

**Pleurothallis praegrandis** *Ames sp. nov.* Caules secundarii elongati, verisimiliter caespitosi, vagina ampla prope medium vestiti. Folium permagnum, orbiculari-ovatum, acuminatum, acutum, in sicco vix concavum, basi cordatum. Pedunculi fasciculati, plus minusve septem, ex axilla folii orientes, vagina complanata spathacea subtenti, apicem folii vix aequantes. Racemi multiflori. Pedicellus cum ovario gracilis, elongatus, bracteam racemi multo excedens. Flores mediocres, sepalis minute purpureo-maculatis. Bracteae inflorescentiae diaphanae, infundibuliformes. Sepala lateralibus usque ad apicem cohaerentibus, laminam valde concavam semi-ovatam formantibus. Sepalum dorsale concaviusculum, oblongo-ovatum, trinervium, apice acutum. Petala spatulata, e medio usque ad apicem obtusum incrassata, trinervia. Labellum circuitu transverse et anguste ellipticum, in positu naturali triangulari-ovatum a latere visum, intus utrinque callosum, callis obliquis. Columna abbreviata. Pollinia duo.

Secondary stems probably caespitose, with a large sheath near the middle, up to 83 cm. long, exceeding 6 mm. in diameter, when dry longitudinally sulcate, monophyllous. Sheath 10.5 cm. long, dilated, acute, scarious. Leaf 31.5 cm. long, 20.5 cm. wide below the middle, orbicular-ovate, acuminate, acute, cordate at the base, nervose, subcoriaceous when dry. Peduncles fasciculate, about seven, emerging from a complanate spathaceous bract near the axil of the leaf, with the raceme up to 21 cm. long, flexuose. Bracts of the raceme subinfundibuliform, translucent, about 2.5 mm. long, much shorter than the pedicel, about 1 mm. wide at the mouth. Pedicel with the ovary about 7 mm. long, very slender, ascending. Flowers whitish in dried specimens, dotted with dark purple. Lateral sepals 3.5 mm. long, united to the apex, forming a deeply concave lamina which is suborbicular when spread out. Dorsal sepal 2.5-3 mm. long, 1 mm. or more wide, oblong-ovate, acute, 3-nerved, the lateral nerves closed. Petals nearly 2 mm. long, hardly 1 mm. wide, spatulate, 3-nerved, much thickened above the middle. Labellum 1 mm. long, 3 mm. wide, narrowly transverse-elliptical when spread out, apiculate, sessile; when in natural position it is conduplicate and is semi-elliptical or triangular-ovate when seen from the side. Disc with a fleshy, obliquely situated, protuberant callus on each side. Column 1 mm. long, fleshy. Pollinia two, elongated, pyriform.

*Pleurothallis praegrandis* is one of the largest species of the genus known to occur in the Central American flora. It belongs to the same alliance as *P. galeata* Lindl., from which it differs conspicuously in having thickened, spatulate petals and a different labellum.

PANAMA, Cana and vicinity. *R. S. Williams* 973, April 17 to June 8, 1908. On trees. 6000 feet altitude. (TYPE in N. Y. Bot. Gard.)