

*MASDEVALLIA Allenii* L. O. Williams, sp. nov. (pl. 31, figs. 12–16). Herbae caespitosae, epiphyticae. Caules secundarii breves, unifoliati. Folia linearia, acuta, coriacea, semiteretia et canaliculata. Inflorescentia uniflora; pedunculus elongatus, glaber. Sepala ad basim tubo connata. Sepalum dorsale longe caudatum; lamina triangularis. Sepala lateralia plusminusve ad apicem connata, lanceolata, cum antenna laterali prope apicem, basi gibbosa. Petala oblonga, uninervia, apice rotundata, obtusa, integra. Labellum lanceolatum vel oblongo-lanceolatum, obtusum, basi bicaudatum; lamina bicallosa. Columna generis.

Small caespitose epiphytic herbs. Secondary stems very short, about 3 mm. long, covered by white chartaceous bracts, unifoliate. Leaves 10–20 mm. long, up to 2 mm. broad, linear, acute, coriaceous, subterete and canaliculate. Inflorescence 1-flowered, subtending bract about 1 mm. long, triangular or nearly so; peduncle elongate, 3–4 cm. long, very slender, smooth. Sepals joined into a tube at the base, 3-nerved. Dorsal sepal long-caudate, free portion of the lamina triangular, about 2.5–3 mm. long and 3–3.5 mm. broad at the base; caudate termination filiform, about 10 mm. long. Lateral sepals connate to their apices or nearly so, lanceolate, 12–15 mm. long, together 4.5–5 mm. broad, gibbous at their bases, each with a lateral filiform appendage 5–6 mm. long situated about 2 mm. from its apex. Petals 1.5–2 mm. long and about 0.75 mm. broad, oblong, 1-nerved, apex rounded, obtuse, entire. Lip about 3 mm. long and 1 mm. broad, lanceolate or lanceolate-oblong, obtuse, 3-nerved, bicaudate at the base, lamina with two longitudinal calluses. Column of the genus.—COCLÉ: vicinity of El Valle, 600–1000 m. alt., Dec. 8, 1938, *Allen 1230* (Herb. Missouri Bot. Gard., TYPE).

