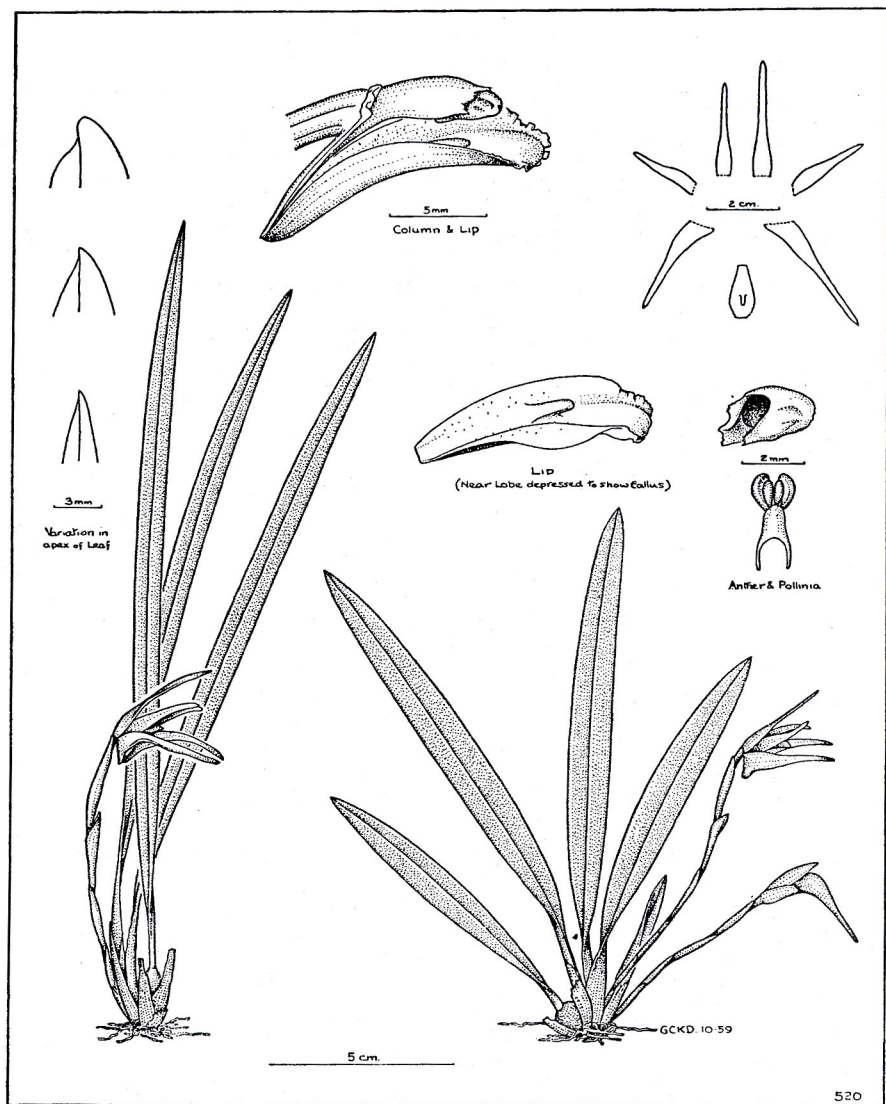


Maxillaria bolivarensis *C. Schweinfurth sp. nov.*

Herba parvula, epiphytica, usque ad 24 cm. alta. Radices numerosae, fibrosae, glabrae. Pseudobulbi approximati, oblongo-ellipsoidei, valde complanati, unifoliati, usque ad 1.3 cm. alti, vaginis distichis foliiferis evanidis suffulti. Folia linearia, ad apicem acutum vel mucronatum plusminusve angustata, ad basim sessilem conduplicatam attenuata, circiter 6.5–23 cm. longa, 6.5–14 mm. lata. Scapi singuli vel plures, quam folia multo breviores, suberecti vel patentes, vaginis 3–6 anguste tubulatis maculatis celati. Flos pro planta magnus, segmentis paulo patentibus, viridis vel ochroleucus. Sepalum dorsale lineari-lanceolatum, apice acutum, basi valde concavum, circiter 2.5–3.5 cm. longum et 5–6 mm. latum. Sepala lateralia triangulari-linearia, obliqua, ad apicem acutum angustata, 2.7–3.5 cm. longa, cum columnae pedem mentum conicum usque ad 7 mm. longum formantia. Petala sepalis multo breviora, oblique et anguste lanceolata, ad apicem abrupte subacutum longe angustata, 2–2.3 cm. longa, basi 4–4.5 mm. lata. Labellum segmentis ceteris multo minus, in positu naturali leviter recurvum, tubulari-involutum et circiter 15 mm. longum, expansum obovato-oblongum et supra medium 5.5–7 mm. latum, apice rotundato-subtruncatum cum marginibus undulatis, prope apicem utrinque leviter constrictum, basim versus longe angustatum; discus callo



MAXILLARIA BOLIVARENSIS C. Schweinfurth. Plants one half natural size. Flower parts (separated) about one half natural size. Apices of the leaves, two lips, anther and pollinia much enlarged. *Drawn by G. C. K. DUNSTERVILLE*

quadrato sulcato apice rotundato vel retuso supra medium ornatus. Columna brevis, crassa, leviter arcuata, circiter 5.5 mm. alta, in pedem longiorem producta.

This species appears to be allied to the Peruvian *Maxillaria tenuis* C. Schweinf., but it differs in having much longer scapes and larger flowers with a very prominent mentum and a subentire lip.

VENEZUELA: State of Bolívar, Region of Urimán, forest mesa of Aprada-tepuí, at 950 m. altitude, August 13, 1953, *Bernardi* 780 (TYPE in Herb. Univ. de los Andes, Mérida; ISOTYPE in Herb. Ames No. 69561).—Between El Dorado and Sta. Elena, epiphyte in forest, flowers white, April 24, 1957, *Brother Hermano Antonio* 714.—110 km. south of El Dorado. *G. C. K. Dunsterville* 520. A large collection from Altiplanicie de Nuria (Bolívar), *Julian A. Steyermark* 87197 and 89045, appears to represent this orchid.