

Maxillaria diuturna A. & S. *sp. nov.* Herba caulescens, cauli vaginis distichis imbricantibus dense oblecto. Pseudobulbi monophylli, in sicco ancipites. Folia oblongo-elliptica. Inflorescentiae singulae, uniflorae, e bractearum axillis. Flos parvulus. Sepala lateralia ovato-lanceolata, acuta, mentum distinctum formantia. Sepalum dorsale simile. Petala ovato-oblonga, acuta. Labellum expansum panduratum, parte inferiore anguste elliptica medio callosa, parte terminali cuneata leviter retusa. Columna in pedem latum extensa.

Plant caulescent. Stem entirely concealed by densely imbricating sheaths and leaf-bases which are distichous with a membranaceous border. Pseudobulbs monophyllous, ovate-oblong in outline, strongly complanate and rugose-striate in the dried state, about 2.5 cm. long, about 4 cm. apart, base concealed by sheaths and leaf-bases. Leaf oblong-elliptic, with a short petioled conduplicate base; blades 5.8–9.7 cm. long, 1.3–2.2 cm. wide, apex rounded and minutely bilobulate, coriaceous, with the mid-nerve sulcate above and carinate beneath. Sheaths sometimes leaf-bearing. Flowers small, campanulate, solitary in the axils of the sheaths. Lateral sepals ovate-lanceolate, about 1.22 cm. long, 5.6 mm. wide near the concave oblique base, acute, 9-nerved, forming a distinct short mentum with the column-foot. Dorsal sepal similar, concave. Petals ovate-oblong, 1.05 cm. long, 5.9 mm. wide below, acute, oblique, 3–5-nerved with the lateral nerves branching. Labellum sessile, the sides erect and more or less conduplicate in natural position, lamina when expanded oblong-pandurate, about 1 cm. long; basal portion narrowly elliptic, 4–4.9 mm. wide, with the centre occupied by a broad elevated oblong callus; anterior portion somewhat cuneate, lightly retuse, about as wide across the rounded apex as at the base of the labellum; entire disc minutely cellular-papillose. Column arcuate, triquetrous in cross section, about 6 mm. long dorsally, extended into a short broad foot.

Maxillaria diuturna is an ally of *M. chiriquensis* Schltr., but has broader leaves, broad flattened pseudobulbs, and a differently shaped lip.

PANAMA, Cativa-Porto Bello Trail, C. W. Powell 376, February 1924. Sea level. Grows in considerable sunlight. “. . . from seed capsules must have been in flower for a long time.” Flowers yellow inside, reddish yellow outside. (TYPE in Herb. Ames No. 28136.)