

Maxillaria campanulata *C. Schweinfurth sp. nov.*

Herba magna, crassa, caulescens. Caulis vaginis distichis dense imbricantibus omnino obtectus. Pseudobulbi distantes, valde complanati, anguste ellipsoidei, monophylli. Folia ligulata. Inflorescentiae numerosae, uniflorae, singulae in vaginarum axillis. Flos nutans, campanulatus. Sepala oblanceolato-oblonga, acuminata. Petala similia, minora. Labellum parvum, apice trilobatum; loborum lateralium pars libera porrecta triangulari-ovata, rotundata; lobus medius semiorbicularis, concavus; discus in medio callo apice trilobulato ornatus.

Plant apparently tall and stout (stem incomplete in our specimen), caulescent. Pseudobulbs ancipitous in the dried specimen, narrowly ellipsoid, about 4.5–7 cm. long, up to 2.4 cm. wide, monophyllous, distichously surrounded at base by two or three pairs of spreading leaf-bearing sheaths, about 17.5 cm. apart on the stem. Stem entirely concealed by distichous imbricating strongly complanate sheaths of which those on the younger growths bear small ovate-oblong conduplicate deciduous blades. Leaves ligulate, gradually narrowed into an in-

distinct channelled conduplicate petiole, up to about 38 cm. long and 2.8 cm. wide, rather abruptly acute, chartaceous, with the mid-nerve sulcate above and conspicuously carinate beneath. Inflorescences 1-flowered, numerous, solitary in the axils of the complanate distichous sheaths of the stem; peduncles short, arcuate, about 4.9 cm. long, entirely concealed below by several imbricating complanate nervose sheaths. Pedicellate ovary slender, arcuate-decurved, about 1 cm. long, subtended by an ovate concave abruptly acute bract which is about 2.1 cm. long. Flower nodding, campanulate. The upper portion of the sepals and petals is more or less spreading. Dorsal sepal oblanceolate-oblong, about 2.2 cm. long and 7.2 mm. wide above the middle, acuminate, many-nerved. Lateral sepals similar, about 2.35 cm. long and 8 mm. wide. Petals similar to the sepals but smaller, acuminate, about 1.9 cm. long and 5 mm. wide. Lip relatively small, sessile, slightly recurved and longitudinally tubular-involute in natural position, 3-lobed at the apex, when expanded the lamina is suborbicular-obovate, about 9 mm. long and 7.6 mm. wide; free portion of lateral lobes porrect, triangular-ovate, broadly rounded; mid-lobe semi-orbicular, concave, 2 mm. long, 4 mm. wide, separated from the lateral lobes (which it scarcely exceeds) by a deep sinus. Center of disc provided with a subquadrate apically 2- or 3-lobulate callus and near the base in the middle with several inconspicuous warts. Column stout, slightly arcuate, flattened on the anterior surface, about 7 mm. long.

Another collection (Brenes 178) shows a cluster of fibrous glabrous roots. Its single pseudobulb is about 7.5 cm. long and 2.9 cm. wide. The leaf on the pseudobulb is about 45.2 cm. long and 3 cm. wide. The floral bract is about 2.3 cm. long, and the parts of the flower are a little larger than in the type collection.

The specific name is in allusion to the bell-shaped flower.

Maxillaria campanulata differs from *Camaridium latifolium* Schltr. in having the pseudobulbs surrounded by leaf-bearing sheaths and in having a much smaller lip which lacks the central beard on the disc. It differs from *C. costaricense* Schltr. in bearing pseudobulbs and in having a lip without the conspicuous basal band of papillae.

COSTA RICA, "Tablazo? 14-X-1935." *Salvador Jiménez C. 315*
(TYPE in Herb. Ames No. 44323.)