

A New Species of *Maxillaria*

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THIS SPECIES APPEARS to be quite unique in its relatively large striped flowers and elongated column. The lip recalls that of *Maxillaria umbratilis* L.O. Wms. (*Camaridium nutantiflorum* Schltr.)

Maxillaria tigrina C. Schweinf., sp. nov.

Herba mediocris, epiphytica, rhizomatosa. Rhizoma gracile, flexuosum, vaginis distichis imbricantibus omnino celatum. Pseudobulbi parvi, remoti, conici vel cylindracei, unifoliae. Folium anguste et breviter petiolatum; lamina anguste elliptico-oblonga vel ligulata, obtusa. Flos pro planta magnus, conspicue striatus. Sepalum dorsale elliptico-oblongum, acutum. Sepala lateralia oblique ovato-oblonga, acuta, recurva, quam sepalum dorsale paulo breviora et latiora. Petala ovato-elliptica, acuta, sepalis latiora. Labellum sepalis et petalis multo minus, profunde trilo-batum, erectum et columnae subparallelum, lateraliter visum sigmoideum; lobi laterales parvi, oblique semiovato-triangulares; lobus medius multo major, ovato-oblongus, apice rotundato-apiculatus, marginibus lateralibus revolutis; discus inter lobos laterales erectus callo transverso carnosio praeditus. Columna magna, arcuata, ad basim sensim ampliatum.



SINGLE FLOWER OF *MAXILLARIA TIGRINA* (3x)



SCANDENT PLANT HABIT OF *MAXILLARIA TIGRINA* ($\frac{1}{2}x$)

Plant medium-sized, epiphytic, with a prominent rhizome. Rhizome slender, flexuous, sparingly branched, entirely concealed by closely imbricating, distichous, lanceolate, long-acuminate sheaths, bearing pseudobulbs about 3 cm. apart. Pseudobulbs small, cylindric or conic-cylindric, curved and striate-rugose in the dried specimen, unifoliate, about 1.3 cm. high. Leaf petioled; lamina narrowly elliptic-oblong to ligulate, obtuse, cuneate below, up to 6 cm. long and 1.2 cm. wide; petiole slender, about 1 cm. or more long. Flower large for the plant, arising singly from the base of a mature pseudobulb, conspicuously lined or striped, the peduncle and pedicellate ovary concealed by several deeply concave, distichous, imbricating sheaths. Dorsal sepal elliptic-oblong, acute, concave, about 19 mm. long and 6.5 mm. wide. Lateral sepals obliquely ovate-oblong, acute, recurved in natural position, about 17 mm. long and 7.5 mm. wide. Petals ovate-elliptic, acute, about 17.5 mm. long and 9 mm. wide. Lip much smaller than the other segments, erect and subparallel with the column and sigmoid-curved in natural position when viewed from the side, sharply 3-lobed with the lateral lobes erect-incurved and the mid-lobe semi-circular-incurved, about 9 mm. long when forcibly expanded; lateral lobes small, erect, obliquely semiovate-triangular, obtuse; mid-lobe much larger, ovate-oblong with revolute sides, rounded and apiculate at the apex, about 7 mm. long and 3.8 mm. wide, the anterior margins crenulate; disc at base fleshy-thickened, the thickening terminating in a broad transverse callus between the erect lateral lobes. Column large, arcuate, gradually dilated toward the oblique base, about 6 mm. long at the back.

Costa Rica: Prov. of Heredia, near Los Cartagos, "at immediate boundary of Prov. de Alajuela," on Cordillera Central near the continental divide, at about 1900-2000 meters altitude, in cool cloud forest, *Rebecca T. Northen s.n.* (type in Herb. Ames 089710). — *Orchid Herbarium of Oakes Ames, Botanical Museum of Harvard University, Cambridge, Massachusetts 02138.*