

## ORCHIDACEAE QUAEDAM AMERICANAE

**Maxillaria trinitatis** Ames *sp. nov.* Pseudobulbi congesti, complanati, monophylli. Folium ligulatum, acutum, basi conduplicatum. Scapus ascendens, uniflorus. Sepala lateralia oblonga, obtusa. Sepalum dorsale concavum, elongatum. Petala lineari-oblonga, obtusa. Labellum trilobatum; lobis lateralibus antice rotundatis; lobo medio incrassato, obtuso, subquadrato. Columna carnosae.

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Roots fibrous, numerous, spreading. Pseudobulbs apparently congested, 4 cm. long, complanate, 2 cm. or more through the longest diameter, monophyllous, very much wrinkled when dry. Leaf about 4.4 dm. long, up to 4.5 cm. wide, ligulate, tapering to the apex, acute, conduplicate at base, coriaceous, much longer than the flower scape. Scapes ascending from the base of the pseudobulb, about 13 cm. long, clothed with about seven somewhat complanate tubular sheaths, 2 mm. thick. Sheaths 1.5–2.7 cm. long, acute. Flower solitary, yellowish white with pink markings. Lateral sepals 2.4 cm. long, about 4 mm. wide, oblong, obtuse, rather fleshy, decurrent on the foot of the column, forming a distinct mentum, 5 mm. wide at base. Dorsal sepal 2.2 cm. long, 5 mm. wide, strongly concave, obtuse. Petals 2.2 cm. long, about 3 mm. wide, linear-oblong, obtuse. Labellum 1.5 cm. long, distinctly 3-lobed in front, the basal three-fourths when spread out forming an elliptical lamina from the front of which the middle lobe projects; lateral lobes rounded, erect, 1.1 cm. long to the claw of the labellum; middle lobe about 3 mm. long, 3 mm. wide, fleshy, subquadrate, obtuse. Disc traversed longitudinally by a narrow thickened ridge, nerves prominent in dried specimens. Column 7 mm. long, very fleshy.

Allied to *Maxillaria rufescens* Lindl., but much larger vegetatively with longer scapes and a differently shaped labellum.

TRINIDAD, B. W. I., Heights of Aripo, W. E. Broadway 9890, January 10–26, 1922. On trees. Flowers yellowish white with pink markings. (TYPE in Herb. Ames No. 22672.)