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A New Species of *Oliveriana* Rchb. f. (Orchidaceae) From Colombia is Described.

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Abstract

A new species of *Oliveriana* Rchb. f. (*Oliveriana saldarriagae* Sauleda, Uribe-Velez) is described from Colombia.

Introduction

The genus *Oliveriana* Rchb. f. was described by Reichenbach in 1876 based on *Oliveriana egregia* Rchb. f. collected by Gustav Wallis near Medellin, Colombia. The genus was a monotypic genus until Garay (1963) described *Oliveriana lehmannii* Garay also from Colombia. Actually a second species had been previously described as *Odontoglossum brevilabium* C. Schweinf. (1949). Dressler and Williams (1970) transferred it to *Oliveriana*.

At present 14 species are listed for the genus *Oliveriana* (WCSP, 2016) of which 11 are found in Colombia and 10 are endemic to Colombia.

Recently a population of a new species, *Oliveriana uribe-velezii* Sauleda (New World Orchid. Nomencl. Notes 44: 1, 2018) was described from La Planada, in Los Andes (Department of Nariño), 2900 m. A similar species was discovered approximately six years ago also in the Department of Nariño and has been in cultivation in the collection of Juan G. Saldarriaga of Cota, Cundinamarca, Colombia.

This species does not correspond to any of the known species and is here described.

Oliveriana saldarriagae Sauleda, Uribe-Velez, *sp. nov.*

Type: Colombia. Department of Nariño. Found along the road Pasto-Mocoa that descends from the Andes towards the Amazon plain. Discovered when the section of road from San Francisco – El Pepino – Villa Garzon was being completed at an elevation of 2100 m. Collected by Cristian Rosero approximately six years ago. Cultivated by Juan G. Saldarriaga. Holotype: From cultivation (HPUJ).

Diagnosis

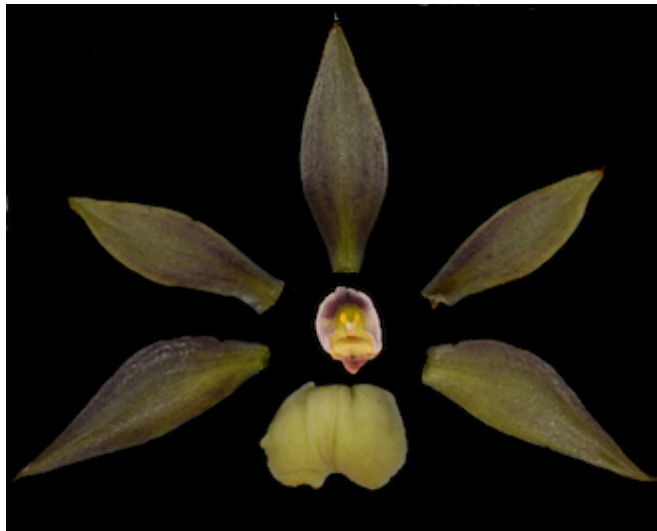
Oliveriana salarriagae Sauleda, Uribe-Velez is similar to *Oliveriana uribe-velezii* Sauleda. It differs in the callosity of the labellum, shapes of the sepals and petals and color of the flowers. The midlobe of the labellum of *O. uribe-velezii* has three similar fleshy ridges, *O. salarriagae* has a prominent central fleshy ridge and two thin lateral ridges. The flowers of *O. uribe-velezii* are purple with darker purple veins and a white labellum with light purple suffusion, *O. salarriagae* has olive-brown flowers with a greenish-yellow labellum. The dorsal sepal of *O. uribe-velezii* is broadly lanceolate, in *O. salarriagae* it is narrowly elliptic, the lateral sepals of *O. uribe-velezii* are oblanceolate to obovate, acute where in *O. salarriagae* they are lanceolate, acuminate, the petals of *O. uribe-velezii* are oblanceolate, sickle-shaped where in *O. salarriagae* they are narrowly elliptic. Another distinguishing characteristic is the anther cap. *Oliveriana uribe-velezii* has a glabrous to minutely pubescent anther cap where *O. salarriagae* has a densely pubescent anther cap.

Description

Plants epiphytic, erect, ascending to 24 cm tall; rhizome to 18 cm long, 5 mm thick; pseudobulbs distant, 6 cm long, 3 cm wide, 1 cm thick, basally enclosed with up to 5 foliaceous sheaths, unifoliate at apex; leaf petiolate, blade 15 cm long, 4 cm wide, oblong-elliptic, subacute, petiole 3 cm long; inflorescence erect, to 20 cm tall; flowers olive-brown, fleshy, floral bract 3 mm long, 3 mm wide, ovate, subacute; pedicel 3 cm long, 5 mm thick; ovary 1.3 cm long, 6 mm thick; dorsal sepal 2.5 cm long, 0.8 cm wide, narrowly elliptic, acute; lateral sepals 2.8 cm long, 1.2 cm wide, lanceolate, acuminate; petals 2 cm long, 6 mm wide, narrowly elliptic, acute; labellum greenish-yellow, 1.3 cm long, 1.4 cm wide, orbicular, apically emarginate, recurved, midlobe has a prominent central fleshy ridge and two thin lateral ridges; column 8 mm long, 3 mm thick; column wings forming a hood, yellow with purple suffusion, 1 mm wide, 3 mm long; anther cap round, densely pubescent, 1 mm wide, yellow with purple stripe and suffusion; pollinia 2, yellow to 1 mm wide; viscidium red. Capsule not observed.



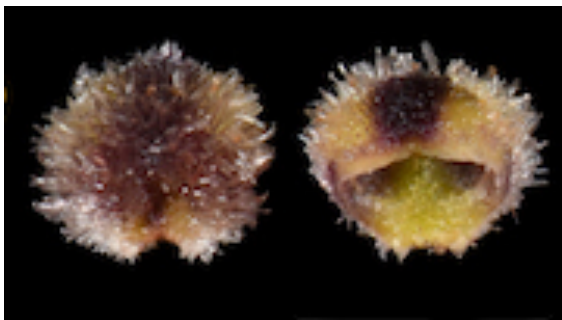
Oliveriana salarriagae Sauleda, Uribe-Velez.



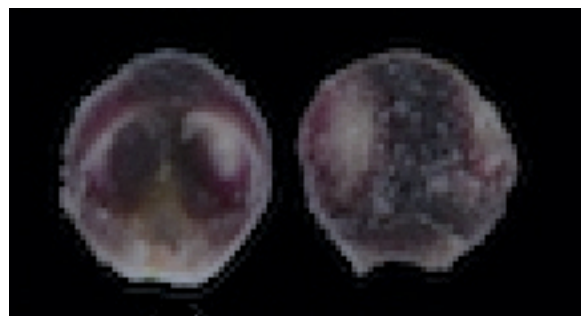
Oliveriana salarriagae Sauleda, Uribe-Velez.



Oliveriana uribe-velezii Sauleda.



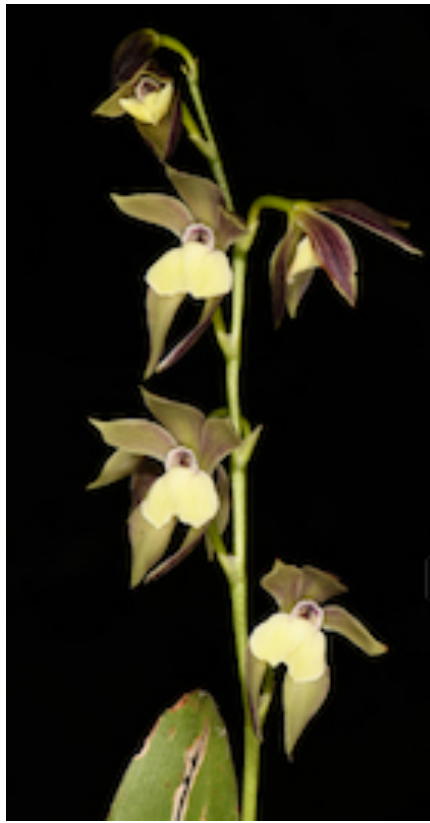
Oliveriana salarriagae Sauleda, Uribe-Velez.



Oliveriana uribe-velezii Sauleda.



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Oliveriana salarriagae Sauleda, Uribe-Velez.



Oliveriana uribe-velezii Saulea.

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