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

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Abstract

A new species of *Oliveriana* Rchb. f. is described from Colombia.

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. Dressler and Williams (1970) transferred it to *Oliveriana*. Pérez (1969) described another Colombian species as *Oliveriana ortizii* A. Fernandez. Dodson (1989) described *Oliveriana ecuadorensis* Dodson from Ecuador and *Oliveriana simulans* Dodson & R. Vasquez was described by Dodson & Vasquez (1989) from Bolivia. Szlachetko, Kolanowska & Ołędryńska (2014) described three more species from Colombia: *Oliveriana guariniaae* Szlach, Kolan & Oledrz, *Oliveriana pseudoegregia* Szlach, Kolan & Oledrz and *Oliveriana puracensis* Szlach, Kolan & Oledrz. Szlachetko and Kolanowska (2014a) described three more Colombian species: *Oliveriana luerorum* Szlach. & Kolan, *Oliveriana pazii* Szlach. & Kolan and *Oliveriana chocoana* Szlach. & Kolan. The last species to be described was *Oliveriana hirtzii* Dalström from Ecuador (Dalström, 2016).

Dalström (2016) indicated that some of the species recently described may be synonyms of earlier published names and in several cases expressed concerns that they may not actually be species of *Oliveriana*. One species of *Oliveriana* whose placement in *Oliveriana* is not in question is *O. ortizii*. Recently a species was discovered which was similar to *O. ortizii* in the Department of Nariño, Colombia. The species could not be referred to any of the known species. It is here described as a new species.

***Oliveriana uribe-velezii* Sauleda, sp. nov.**

Type: Colombia. La Planada, in Los Andes (Department of Nariño), 2900 m, collected by Julio Cesar Ordonez s. n., Jan. 2016. Cultivated by Carlos Uribe Velez. (Holotype, HPUJ 29665).

This species is named in honor of Dr. Carlos Uribe Velez of Bogota, Colombia. Dr. Carlos Uribe Velez is a surgeon-doctor who is known as the "father of knee surgery" and at the same time a renowned orchid grower, photographer and writer. Dr. Carlos Uribe Velez is at the present time writing "Orquídeas, Tesoro de Colombia" a monumental illustrated treatment of the orchids of Colombia in honor of Padre Pedro Ortiz Valdiviezo. He has published the first two volumes and is now working on the third volume of what will be at least six volumes.

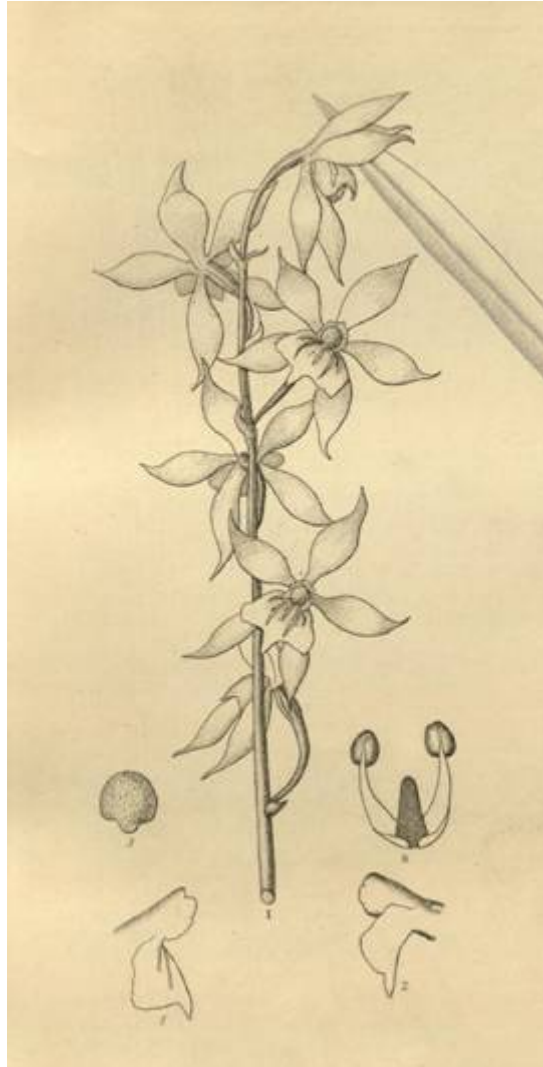
#### Diagnosis

*Oliveriana uribe-velezii* Sauleda is similar to *Oliveriana ortizii* A. Fernández. It differs in the shape of the labellum and color of the flowers. The midlobe of the labellum of *O. uribe-velezii* has three fleshy ridges terminating near the apex, *O. ortizii* has one broad fleshy ridge. The apex of the labellum of *O. uribe-velezii* is emarginate, the apex of the labellum of *O. ortizii* terminates in three lobes with the central lobe being acute.

*Oliveriana uribe-velezii* has purple flowers, *O. ortizii* has green flowers with a purple suffusion in the center of the back of the petals. *Oliveriana uribe-velezii* is the only true *Oliveriana* with an emarginate labellum with rounded lobes.

#### Description

Plants epiphytic, erect, ascending to 30 cm tall; rhizome to 20 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 19 cm tall; flowers purple, fleshy, floral bract 4 mm long, 4 mm wide, ovate, subacute, pedicel 2.8 cm long, 5 mm thick; ovary 1.2 cm long, 6 mm thick; dorsal sepal 2.6 cm long, 1 cm wide, ovate to oblanceolate, acute, with 5 dark purple veins, basally becoming lighter purple to green with minute purple spots; lateral sepals 2.8 cm long, 1.2 cm wide, oblanceolate, acute, with 5 dark purple veins, basally becoming lighter purple to green with minute purple spots; petals 2 cm long, 6 mm wide, oblanceolate, recurved, with 4 dark purple veins; labellum white with light purple suffusion, 1.5 cm long, 1.5 cm wide, orbicular, apically emarginate, recurved, apical lobes obtuse, midlobe with three fleshy ridges starting at base and terminating near the apex; column 9 mm long, 3 mm thick; column wings forming hood, purple, 1 mm wide, 3 mm long; anther cap round, 1 mm wide, white with purple stripe; pollinia 2, yellow to 1 mm wide; viscidium red. Capsule not observed.



*Oliveriana egregia* Rchb. f. Type species for the genus *Oliveriana* Rchb. f. from Xenia Orchidacea – Beirage sur Kenntniss der Orchideen. Leipzig, F. A. Brockhaus.



*Oliveriana uribe-vezlezii* Saulea.



*Oliveriana uribe-vezii* Saulea.

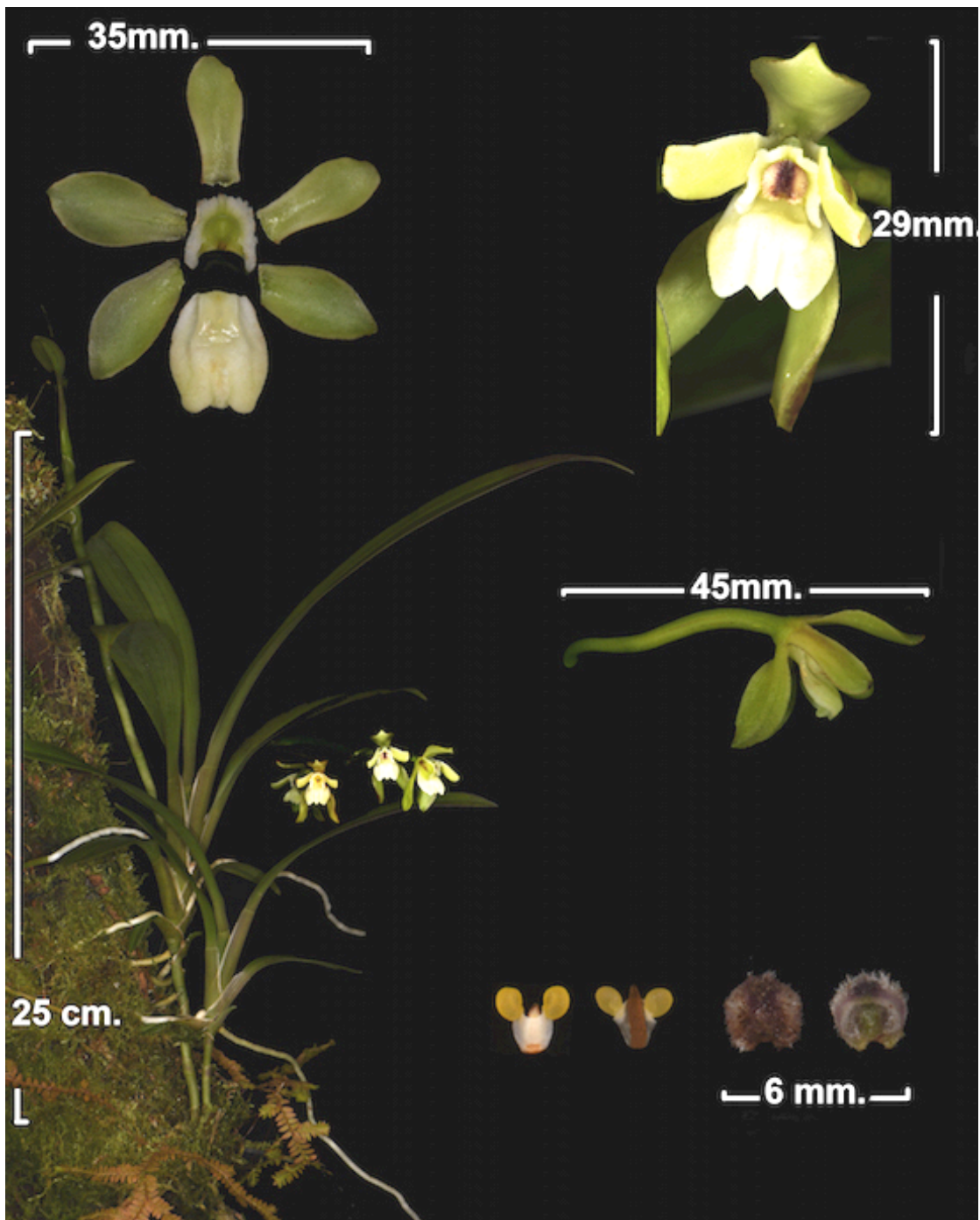


*Oliveriana uribe-velezii* Saucedo, Holotype, HPUJ 29665.





*Oliveriana ortizii* A. Fernández.



*Oliveriana ortizii* A. Fernández.





*Oliveriana ortizii* A. Fernández.

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