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A New Species of *Huntleya* Bateman ex Lindl. (Orchidaceae) From San Juan de Villalobos, Bota del Cauca, Cauca, Colombia is Described.

Carlos Uribe-Velez¹ and Ruben P. Sauleda²

¹Calle 115 #5-23 Bogota, Colombia

²6442 SW 107 Ct. Miami, FL, 33173.

Abstract

A new species of *Huntleya* Bateman ex Lindl. from San Juan de Villalobos, Bota del Cauca, Cauca, Colombia is compared to a similar described species, *Huntleya burtii* (Endrés & Rchb. f.) Pfitzer and determined to be a new species *Huntleya insolita* Uribe-Velez & Sauleda.

The genus *Huntleya* Bateman ex Lindl., was published in 1837 in Edwards's Bot. Reg. 23: t. 1991, by John Lindley and at present has 15 recognized species, 12 of which are found in Colombia (WCSP, 2018).

Recently the identity of a species of *Huntleya* Lindl. which circulated in cultivation since 1943 under the names *Huntleya meleagris* Lindl., *Huntleya burtii* (Endrés & Rchb. f.) Pfitzer or *Huntleya grandiflora* Lam. (not validly published) was described as a new species *Huntleya cristinae* Uribe-Velez & Sauleda (Uribe-Velez, C. and R. P. Sauleda, 2020).

A population of *Huntleya* Bateman ex Lindl. from the department of Cauca, Colombia is compared to a similar described species, *Huntleya burtii* and determined to be a new undescribed species and is here described as *Huntleya insolita* Uribe-Velez & Sauleda.

Huntleya insolita Uribe-Velez & Sauleda, *sp. nov.*

TYPE: San Juan de Villalobos, Bota del Cauca, along route 45 to Mocoa, 1400-1800 m, Department of Cauca, Colombia. Collector: Jose Luis Aguirre, *s. n.*, Dec. 2019. (Holotype: HPUJ).

Etymology: Adjective meaning not common, or extraordinary in reference to the unusual curving upward of the lateral edges of the labellum. (Adjetivo: fuera de lo común, extraordinario).

Diagnosis

Huntleya insolita is similar to *Huntleya burtii* but there are significant differences especially in the labellum. The labellum of *H. insolita* angles slightly upward toward the column,

in *H. burtii* it is at a right angle to the column. The apex of the labellum in *H. insolita* angles forward where in *H. burtii* the apex curves backward. The main feature that differentiates *H. insolita* from all the other species of *Huntleya* is that the lateral edges of the labellum of *H. insolita* turn upward. In addition, *H. insolita* differs from *H. burtii* in the shape of the column, the shape of the lateral wings of the column, the shape of the anther caps and in the shape of the pollinia.

Description

Plants caespitose to 40 cm tall; to 10 leaves broadly lanceolate to obovate, conduplicate, acute, to 38 cm long, 10 cm wide; flowers on short peduncle, to 7 cm long; floral sheath narrowly lanceolate, acuminate to 4 cm long, 5 mm wide; pedicel to 7 cm long; sepals and petals similar, basally yellow, shading to reddish-brown, with two reddish-brown spots near base, basally broadly lanceolate, narrowing rapidly towards apex, apex acuminate, to 8 cm long, 3 cm wide, petals with a reddish-brown spot at base; column yellow, basally reddish-brown, apex green, to 2.7 cm long, 9 mm wide, with yellow triangular subobtuse column wings; labellum elliptic to broadly lanceolate, basally white, reddish-brown towards apex, acute to acuminate, angled up towards column, to 3.2 cm long, 1.2 cm wide; crest white, fimbriate, with yellow fimbriae; anther white.



Huntleya insolita Uribe-Velez & Sauleda.



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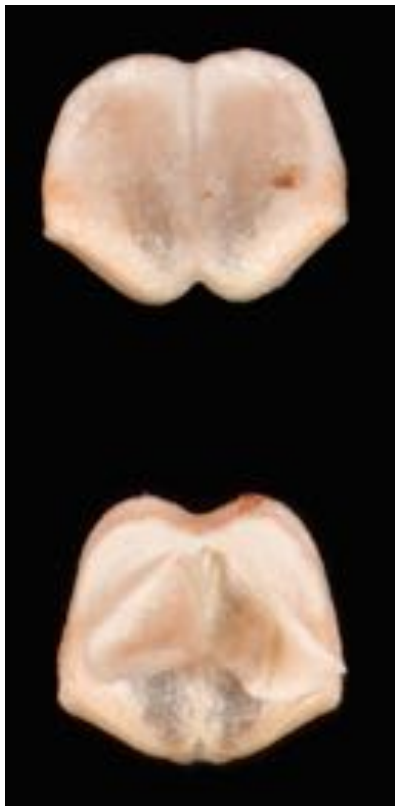
Huntleya burtii (Endrés & Rchb. f.) Pfitzer.



Huntleya insolita Uribe-Velez & Sauleda



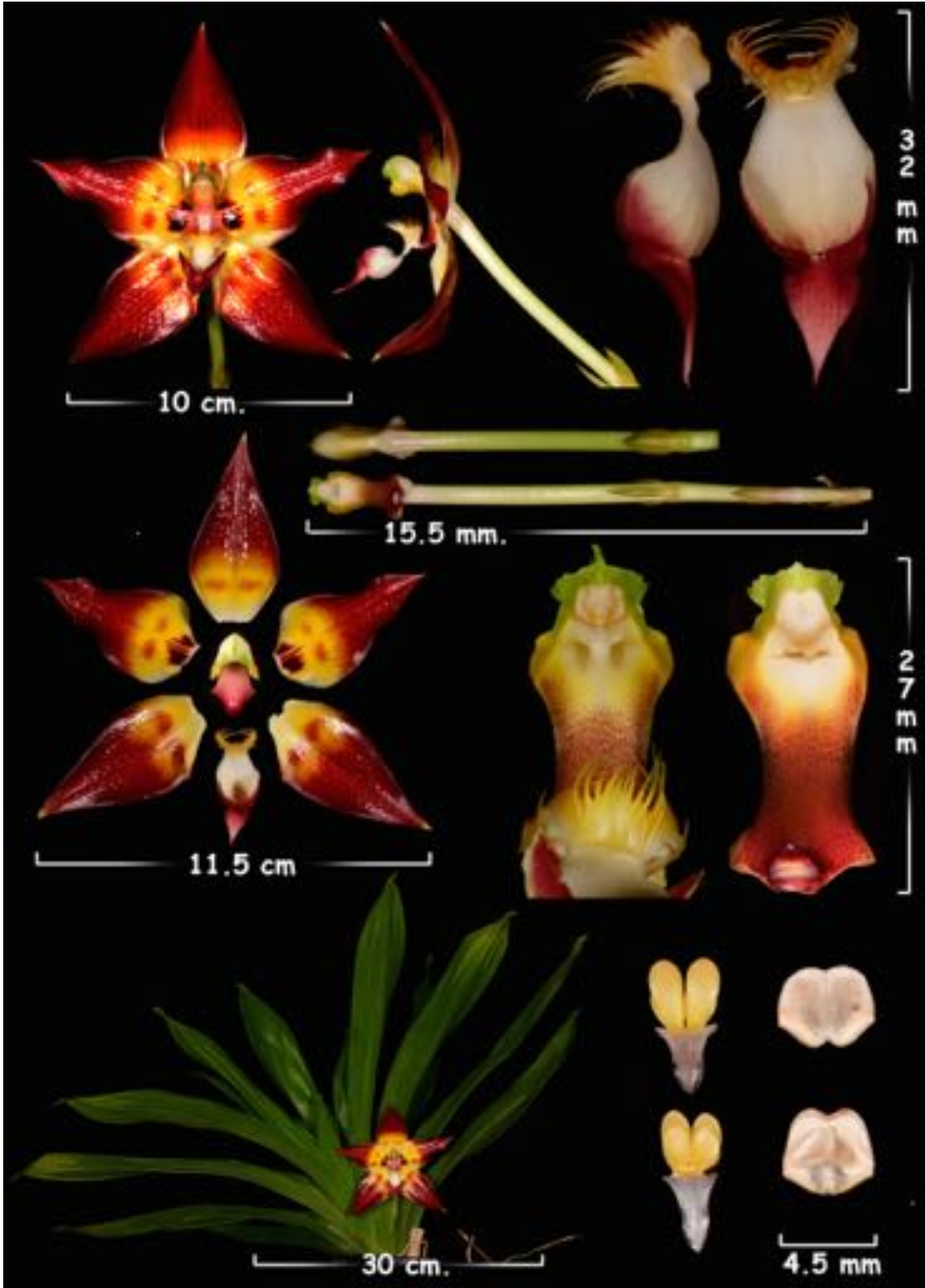
Huntleya burtii (Endrés & Rchb. f.) Pfitzer.



Huntleya insolita Uribe-Velez & Sauleda



Huntleya burtii (Endrés & Rchb. f.) Pfitzer.



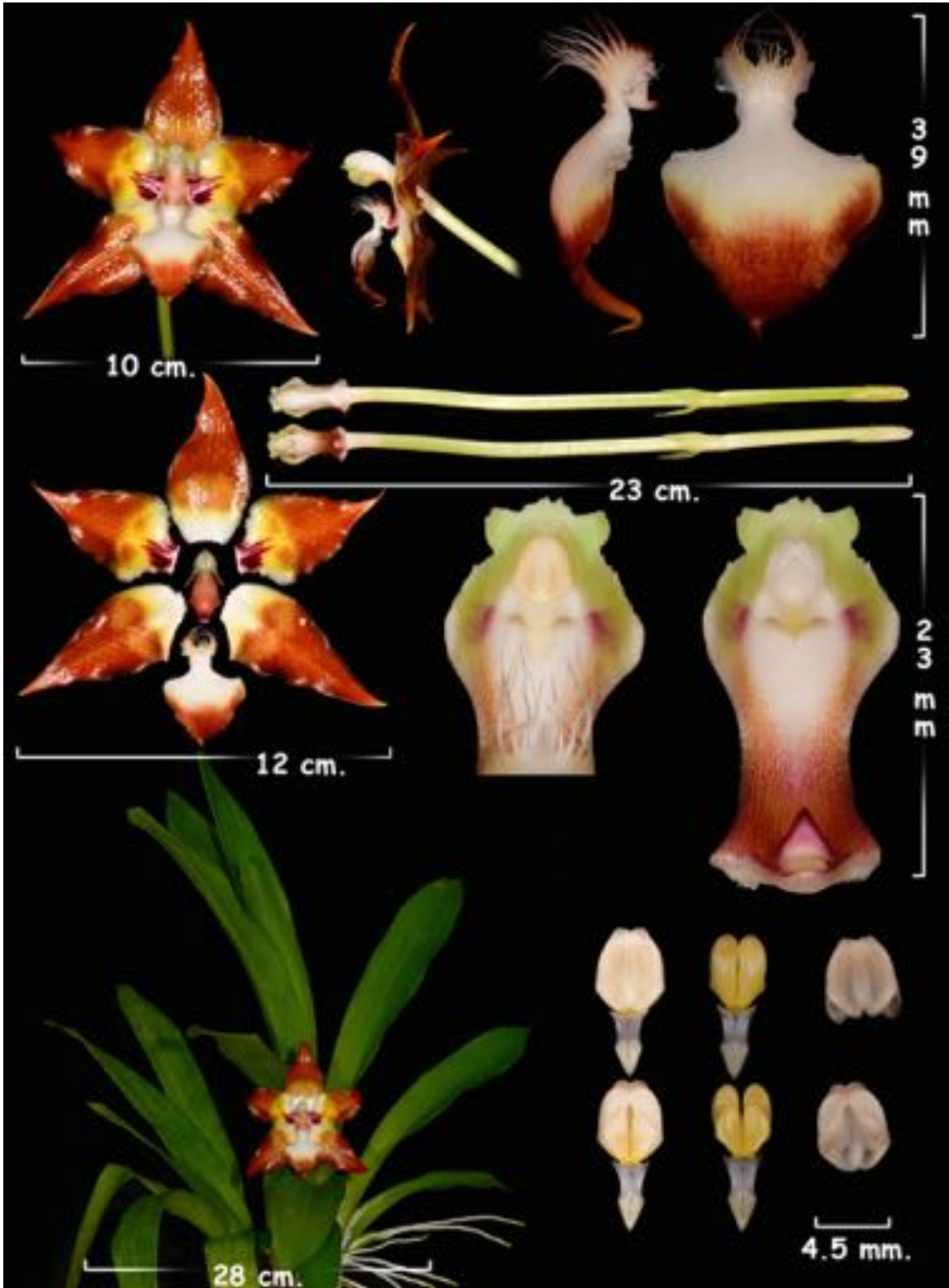
Huntleya insolita Uribe-Velez & Sauleda.



Huntleya burtii (Endrés & Rchb. f.) Pfitzer.



Huntleya burtii (Endrés & Rchb. f.) Pfitzer. Photographs by R. P. Saulea.



Huntleya burtii (Endrés & Rchb. f.) Pfitzer.

Literature Cited

Uribe-Velez, C. and R. P. Sauleda. 2020. A New Species of *Huntleya* Lindl. Erroneously Identified as *Huntleya meleagris* Lindl., *Huntleya burtii* (Endrés & Rchb. f.) Pfitzer or *Huntleya grandiflora* Lam. is Described From a Collection Made in 1943 West of Mocoa, Department of Putumayo, Colombia. (*Huntleya cristinae* Uribe-Velez & Sauleda). New World Orchidaceae – Nomenclatural Notes Nomenclatural Note – Issue No. 83. ePublished.

Acknowledgements

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