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*Huntleya cristianae* Uribe-Velez & Sauleda is Revisited and Compared to *Huntleya wallisii* (Rchb. f.) Rolfe.

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### Abstract

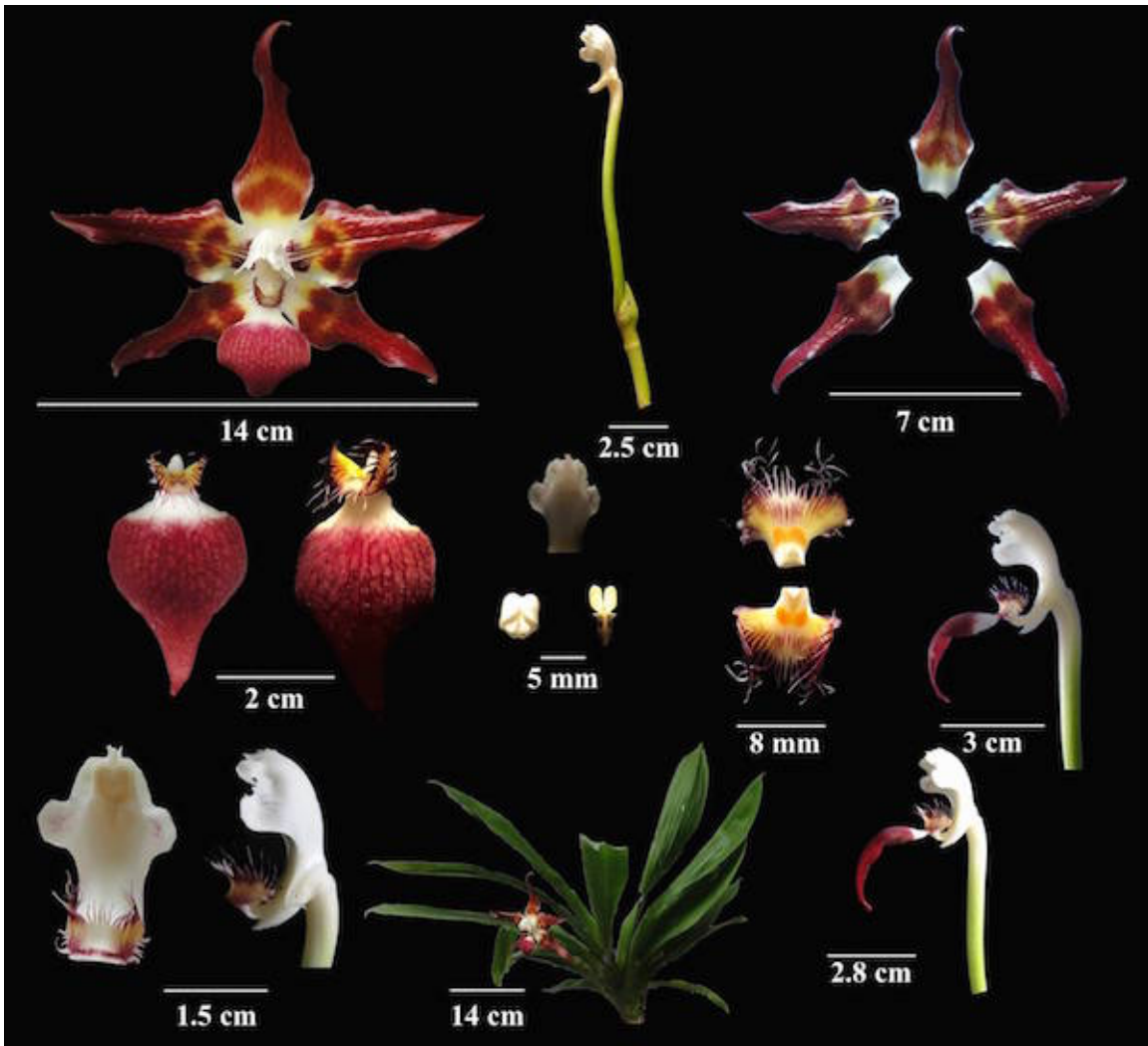
*Huntleya cristianae* Uribe-Velez & Sauleda is compared to *Huntleya wallisii* (Rchb. f.) Rolfe and the differences enumerated.

*Huntleya cristinae* Uribe-Velez & Sauleda was published as a new species and compared to *Huntleya meleagris* Lindl. and *Huntleya burtii* (Endrés & Rchb. f.) Pfitzer in the original publication (Uribe-Velez & Sauleda, 2020). The *H. cristinae* was compared to *H. meleagris* because a plant had been identified as such by the American Orchid Society. The American Orchid Society awarded the *H. cristinae* as *H. meleagris* and gave it an Award of Merit. It was also being cultivated under the name *Huntleya grandiflora* Lam. which was determined to not be validly published or even the proper genus for the *H. cristinae* (Uribe-Velez & Sauleda, 2020).

The name *Huntleya grandiflora* Lam. Ill. Hort. 15 (Misc.): 59 1869 as reported in the literature and originally by WCSP, was not a valid published name. Instead it is as WCSP correctly now lists it: *Huntleya grandiflora* (A. Rich.) Lem., Ill. Hort. 15 (Misc.): 59 (1869) is not a *Huntleya* but a synonym for the accepted name; *Galeottia grandiflora* A. Rich., Ann. Sci. Nat., Bot., ser. 3, 3: 25 (1845).

The species did not have a valid name and was therefore named *H. cristinae*. In the original publication (Uribe-Velez & Sauleda, 2020) *H. cristinae* was compared to *H. burtii* and *H. meleagris*, names that had been applied to plants of *H. cristinae*. However, it was not compared to the species it is most similar to, *H. wallisii*. Primarily because the epithet *wallisii* was never applied to *H. cristinae*. Therefore, we decided to make the comparison to eliminate the possibility that they are conspecific and we here present the results.

Both species can have a natural spread of about the same size, up to 15 cm. The sepals and petals of *H. wallisii* are narrower than in *H. cristinae* and the margins tend to roll backward sharply where in *H. cristinae* the petals are flatter giving the appearance of fuller round flower. The general shape of the column is different as are the wings on the lateral edges of the column. The wings of *H. wallisii* are rounded where the wings of *H. cristinae* are square. The fimbriae on the front of the crest of *H. cristinae* are shorter than the lateral fimbriae, in *H. wallisii* the fimbriae are all the same size and mostly red. The basal margin of the crest on *H. wallisii* is also coarsely fimbriated but entire in *H. cristinae*.



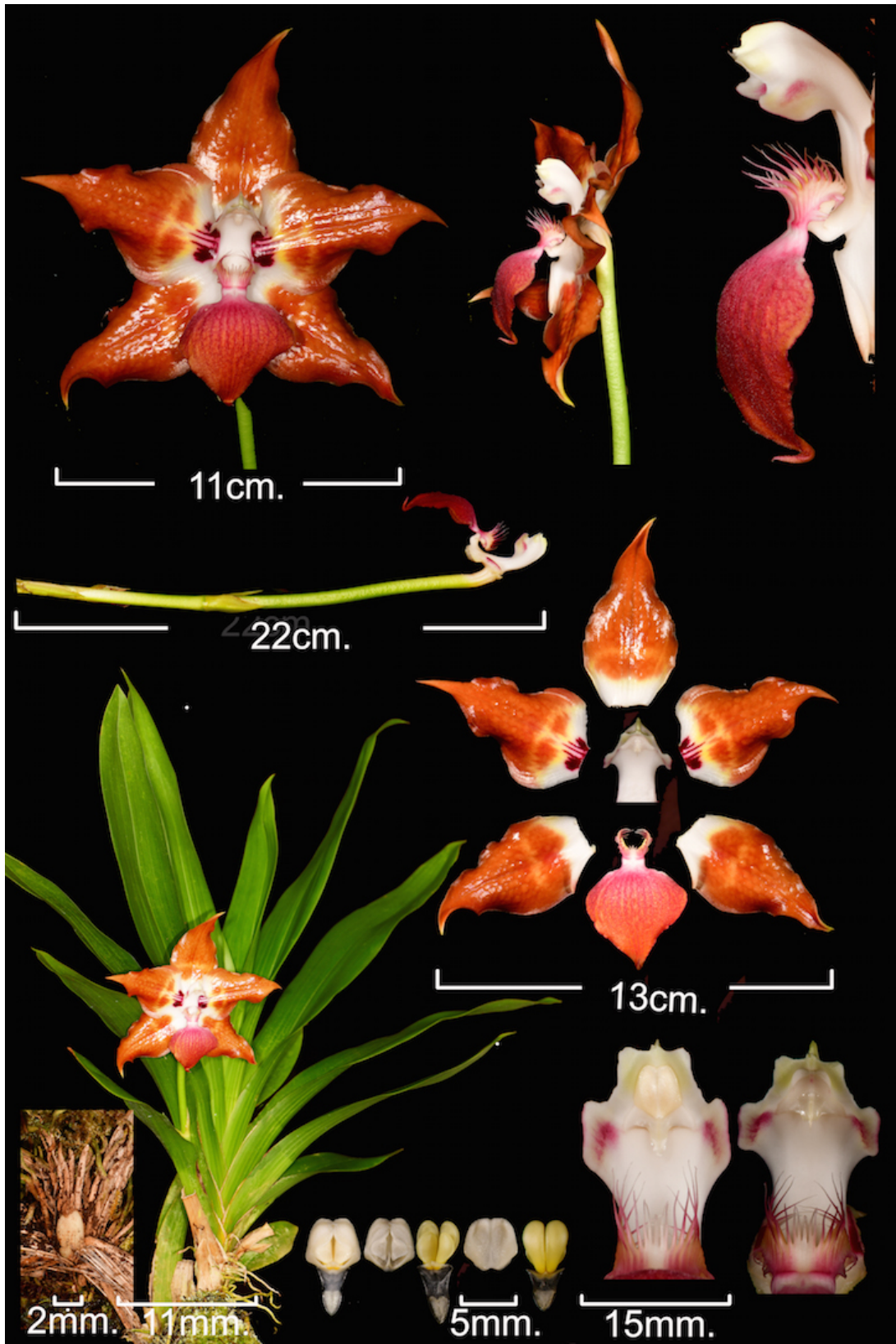
*Huntleya wallisii* (Rchb. f.) Rolfe.



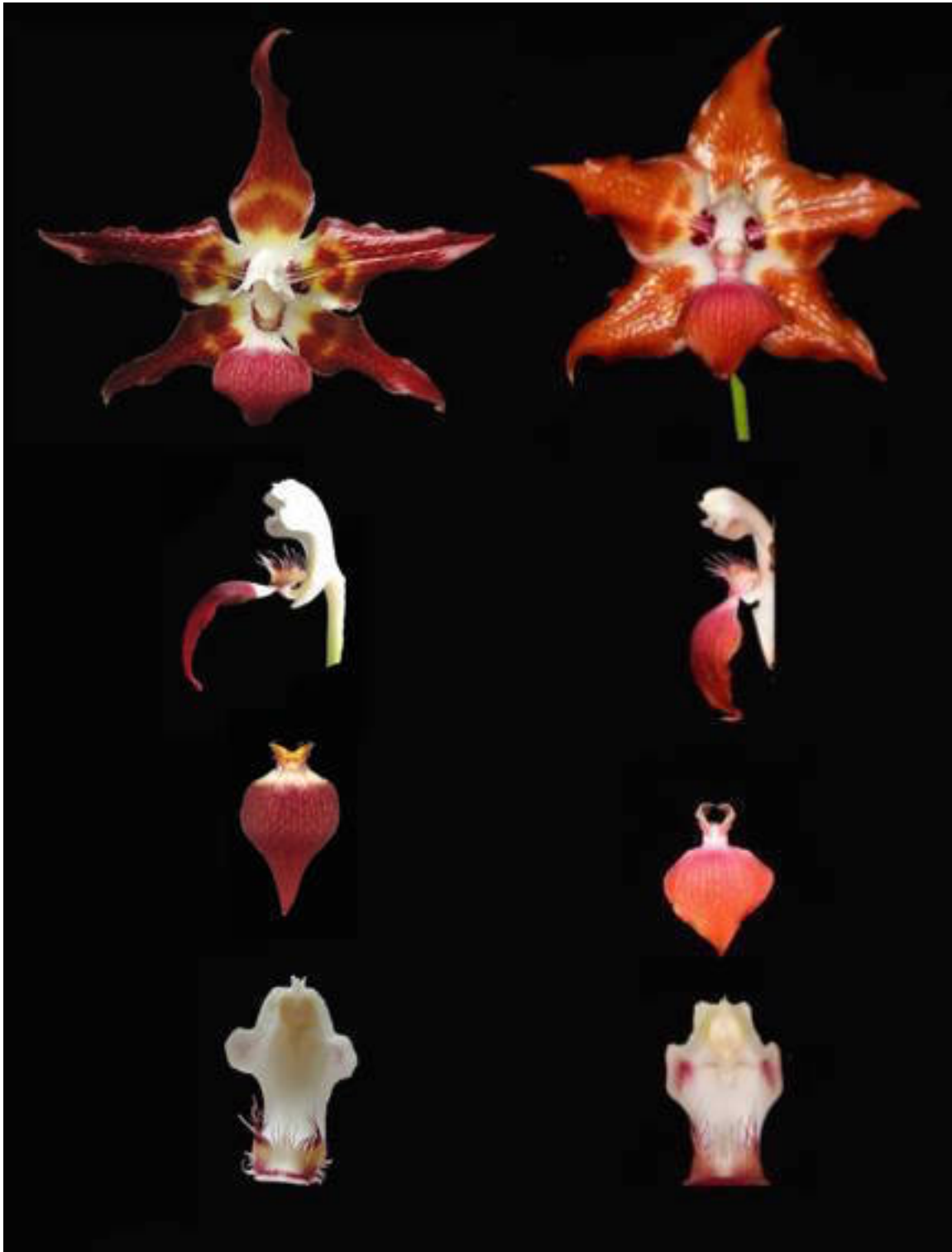
*Huntleya wallisii* (Rchb. f.) Rolfe.



*Huntleya cristiana* Uribe-Velez & Sauleda.



*Huntleya cristianae* Uribe-Velez & Sauleda.



*Huntleya wallisii* (Rchb. f.) Rolfe.

*Huntleya cristiana* Uribe-Velez & Sauleda.



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



*Huntleya meleagris* Lindl.

## 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. *New World Orchidaceae – Nomenclatural Notes* Nomenclatural Note – Issue No. 83.