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*Odontoglossum portillae* Bockemühl, (Orchidaceae) an Addition to the Flora of Colombia.

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Abstract

*Odontoglossum portillae* Bockemühl (Orchidaceae) Originally Described as an Ecuadorian Species is Reported as an Addition to the Flora of Colombia.

The genus *Odontoglossum* was established in 1826 by Kunth in F. W. H. von Humboldt, A. J. A. Bonpland and C. S. Kunth (Nov. Gen. Sp. 1: 350), based on *Odontoglossum epidendroides* Kunth. Many of the *Odontoglossum* species taxonomically challenging (Dalström, 2015). The taxonomic difficulties are caused mainly by the variability in floral structures, which most *Odontoglossum* species display (Dalström, 2015). This variability is probably due to natural hybridization (Dalström, 2015) and introgression.

Chase *et al.* (2008) state regarding the genus *Odontoglossum*: “we favor fewer, larger genera (“lumping”), which we believe is easier for users of a system of classification to manage and use. Narrowly circumscribed genera, regardless of how homogenous, result in a system that only specialists can readily and effectively use.” Therefore, Chase *et al.* (2008) “lumped” the species recognized in the genus *Odontoglossum* into the genus *Oncidium*. Kew (WCSP, 2008) recognizes this lumping of all of the species of *Odontoglossum* into the genus *Oncidium* Sw. However, we prefer to accept the traditional concept of the genus as a group of similar species and not groups of species. We totally reject the reclassification of the species of *Odontoglossum* by Chase *et al.* (2008) and here report the discovery in Colombia of a species of *Odontoglossum* previously described from Ecuador.

***Odontoglossum portillae* Bockemühl, Orchidee (Hamburg) 36: 153 (1985).**

**Type:** Ecuador, Prov. De Morona-Santiago, sub Paramo de Matanga, 2000 m. October 1984. *Bockemühl* 563-49. (Holotype: Institut f. System Botranik. Heidelberg).

**Synonym:** *Oncidium portilloides* M. W. Chase & N. H. Williams, *Lindleyana* 21(3): 26 (2008).

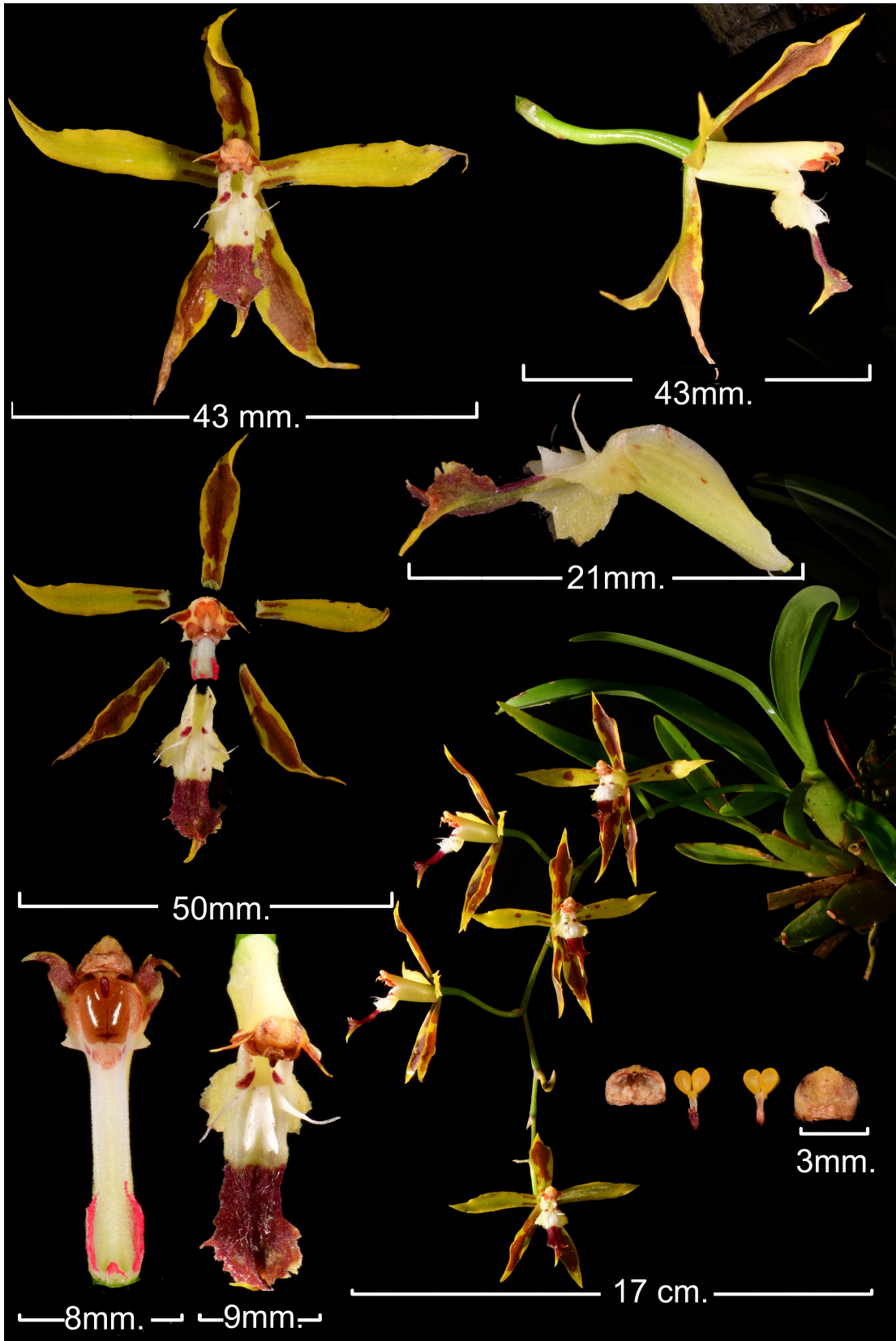
**Voucher Specimen:** Colombia, Department of Huila, the Colombian Massif, also known as Nudo de Almaguer, which refers to a group of mountains within the Andes of south central Colombia. Collector: *Jorge Luis Aguirre, s. n.*, 2019 (HPUJ).



*Odontoglossum portillae* from Colombia.



*Odontoglossum portillae* from Colombia.



*Odontoglossum portillae* Colombia.



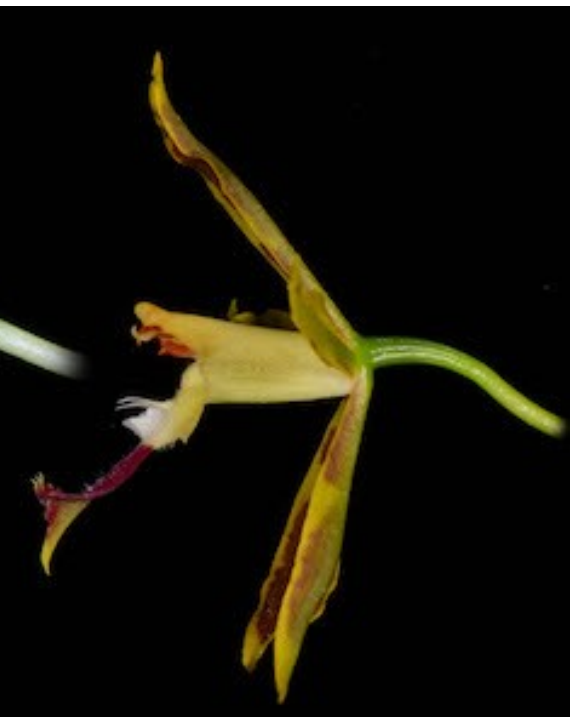
*Odontoglossum portillae* Ecuador.  
Comparison courtesy of Guido Deburghgraeve.



*Odontoglossum portillae* Colombia.



*Odontoglossum portillae* Ecuador.  
Comparison courtesy of Guido Deburghgraeve.

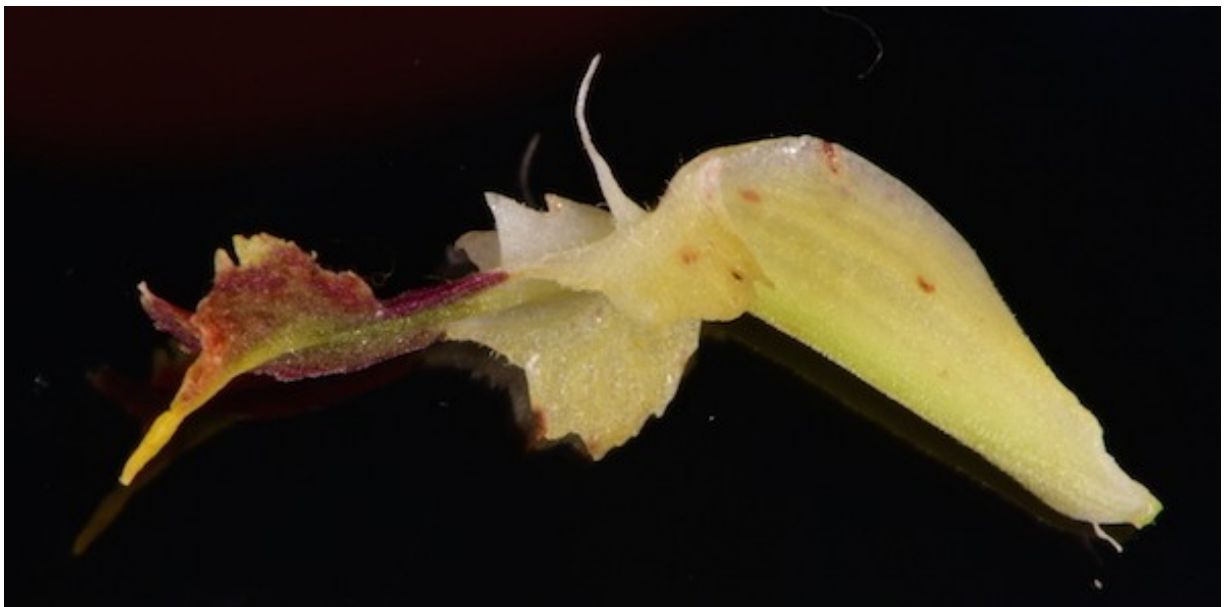


*Odontoglossum portillae* Colombia.

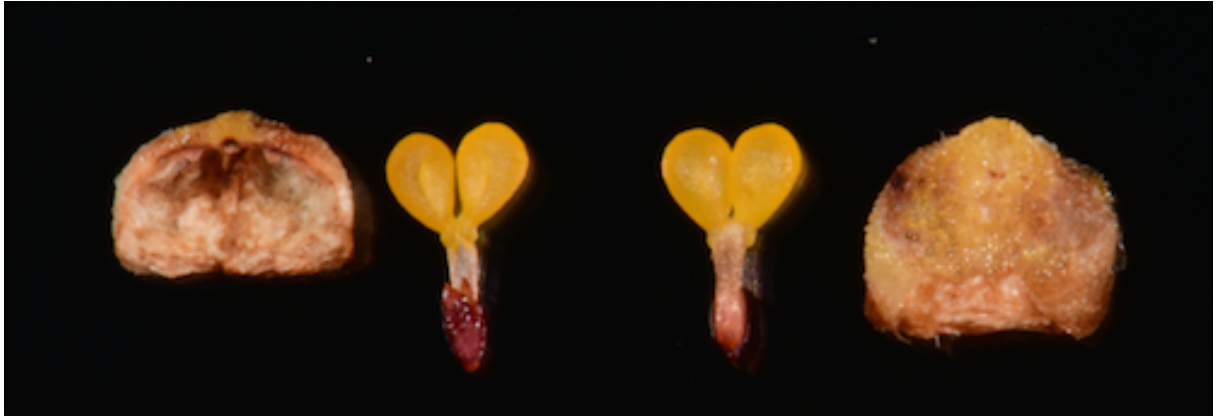




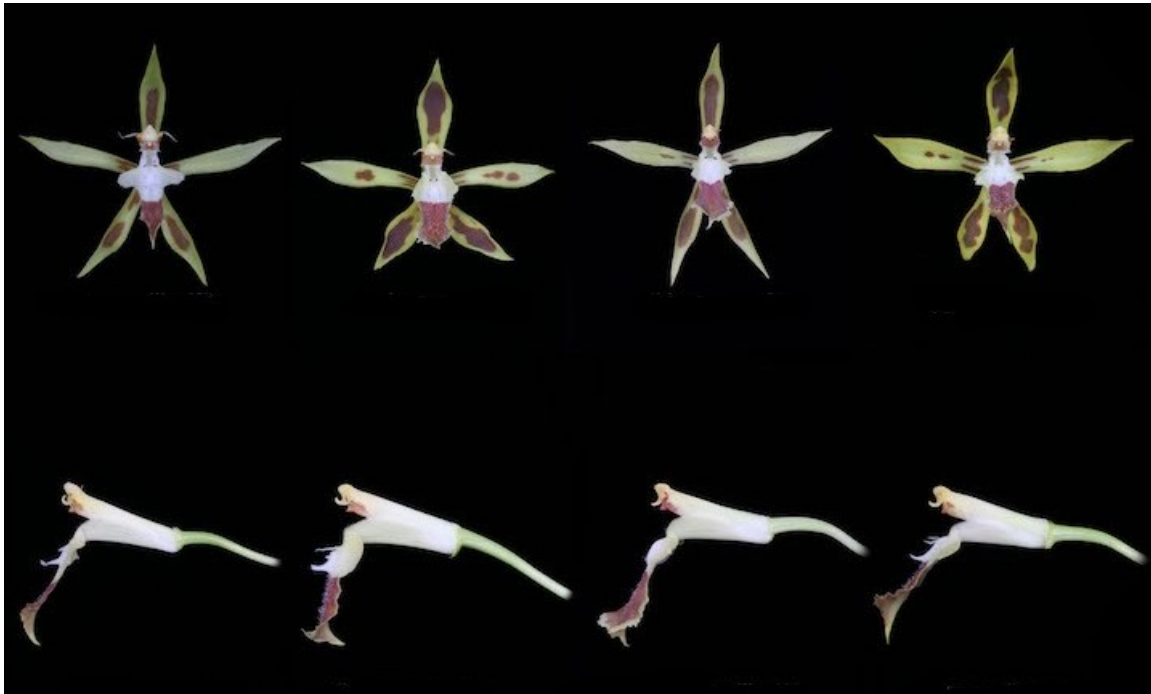
*Odontoglossum portillae* Colombia. Details of column.



*Odontoglossum portillae* Colombia. Details of labellum.



*Odontoglossum portillae* Colombia. Details of anther and pollinia.



Variation in *Odontoglossum portillae* from Ecuador. Photograph courtesy of Guido Deburghgraeve.



*Odontoglossum portillae* Bockemühl. Type illustration in *Orchidee* (Hamburg) 36: 153 (1985).



## Acknowledgement

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