

November 7, 2020.

The Genera *Polycynis* Rchb. f and *Polycynopsis* Szlach. (Orchidaceae) in Colombia.

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Abstract

The species of *Polycynis* Rchb. f and *Polycynopsis* Szlach. in Colombia are enumerated based on the fieldwork of Pedro Ortiz Valdivieso. *Polycynopsis* is accepted as a distinct genus from *Polycynis*.

The genus *Polycynis* Rchb. f. (Bonplandia, Hannover 3: 218. 1855) has between fourteen and sixteen species and is represented in Colombia by seven species according to WCSP (2018) or by ten species according to the illustrations in the archive of Pedro Ortiz Valdivieso based on his fieldwork of over forty-five years in Colombia. Included are three species that have been placed in a separate genus, *Polycynopsis* Szlach. (Polish Bot. J. 51: 34. 2006) based on the distinct morphology of the labellum. Species of the genus *Polycynopsis* have a filiform epichile and linear to oblong lateral lobes of the hypochile.



Polycynis Rchb. f.



Polycynopsis Szlach.

The seven species of *Polycynis* in Colombia are here enumerated as listed by Pedro Ortiz Valdivieso in his archive.

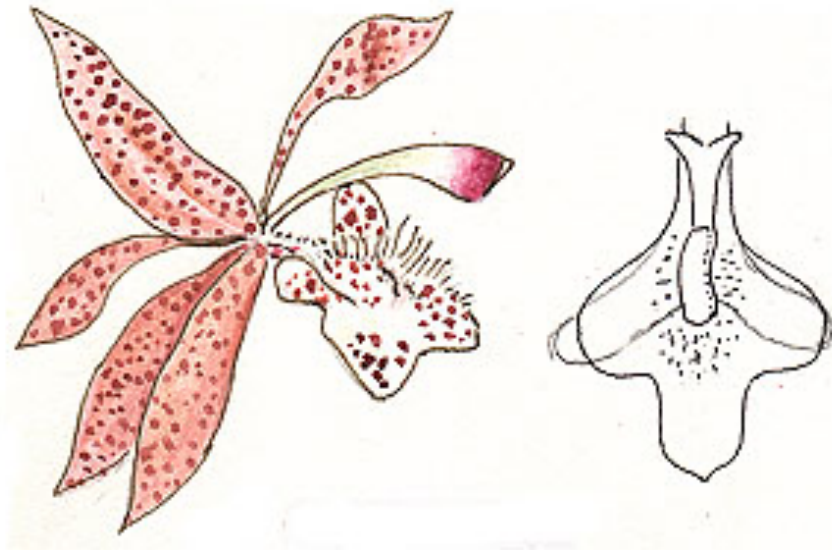
Polycynis barbata (Lindl.) Rchb. f., Bonplandia (Hannover) 3: 218 (1855).



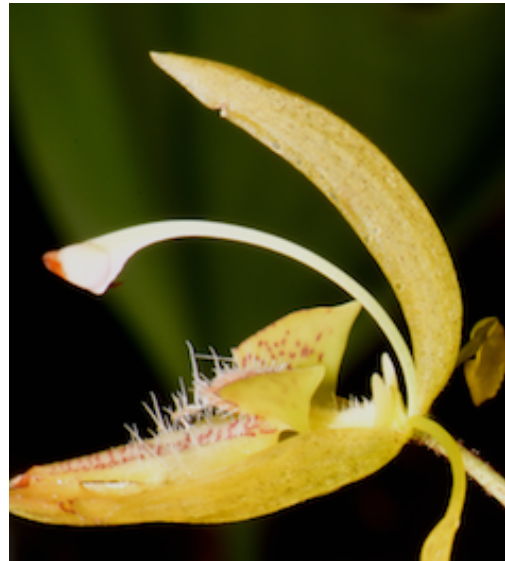
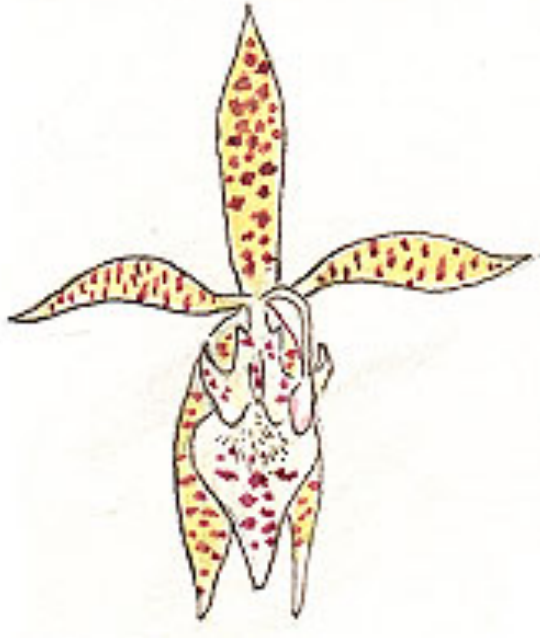
Polycynis escobariana G. Gerlach, Orquideologia 22: 33 (2001).



Polycynis lehmannii Rolfe, Bull. Misc. Inform. Kew 1894: 365 (1894).



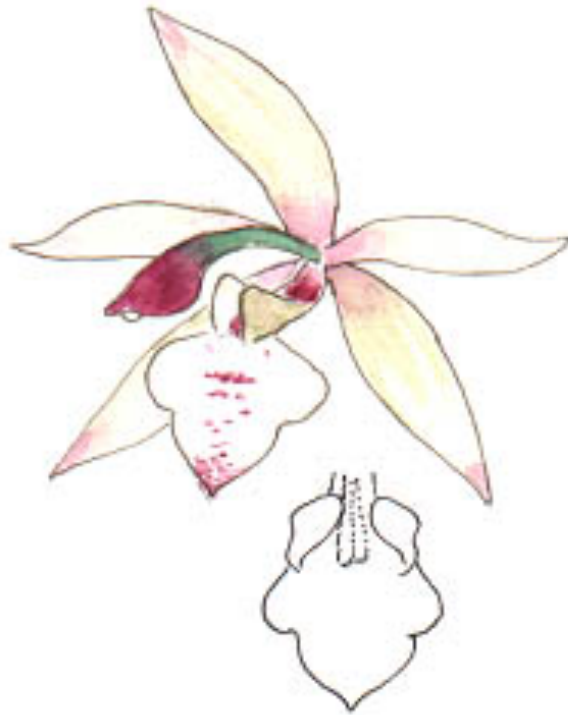
Polycynis lepida Linden & Rehb. f., Gard. Chron. 1869: 1038 (1869).
Polycynis gratiosa Endrés & Rehb. f., Gard. Chron. 1871: 1451 (1871).
Polycynis lepida var. *gratiosa* (Endrés & Rehb. f.) Stein, Orchid.-Buch: 527 (1892).
Polycynis morganii Dodson, Icon. Pl. Trop. 1: t. 269 (1980).



Polycynis muscifera (Lindl. & Paxton) Rchb.f., Bonplandia (Hannover) 3: 218 (1855).
Cycnoches musciferum Lindl. & Paxton, Paxton's Fl. Gard. 3: 28 (1852).
Polycynis acutiloba Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 141 (1924).
Cycnoches buchtienii Kraenzl., Repert. Spec. Nov. Regni Veg. 25: 26 (1928).

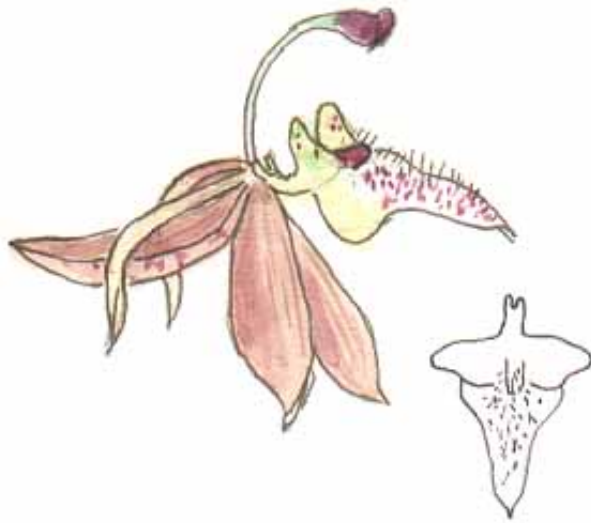


Polycynis pfisteri Senghas, Tagges. & G.Gerlach, J. Orchideenfr., prepr. 7: 19 (1999).



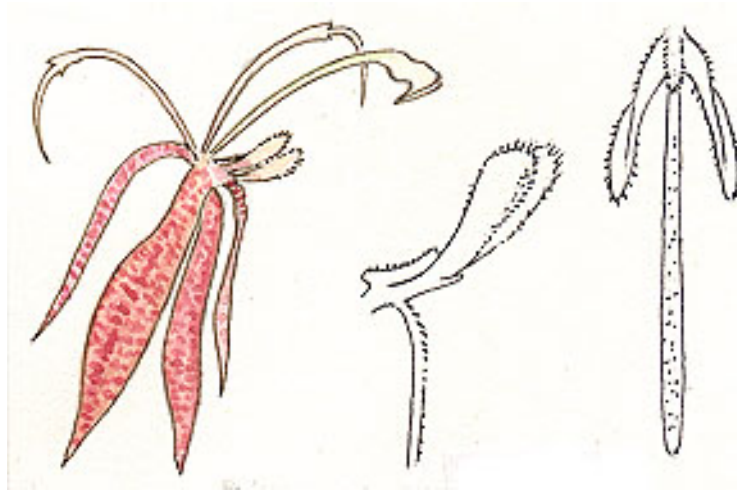
Photograph from Swiss Orchid Foundation at the Herbarium Jany Renz from Holotype. Photo taken by K. Senghas.

Polycynis villegasiana G.Gerlach, Orquideologia 22: 26 (2001).

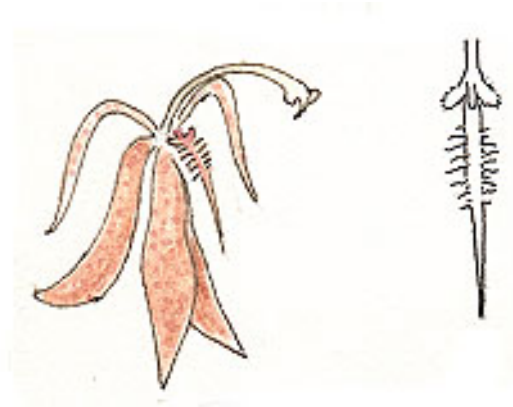


The following are the three species of *Polycynopsis* in Colombia (Szlach., 2006).

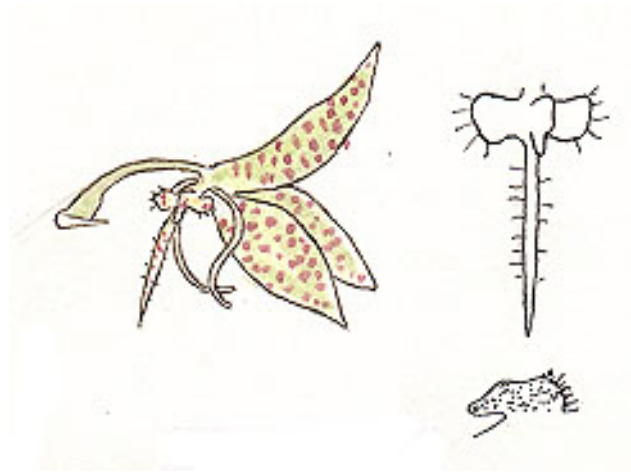
Polycynopsis aurita (Dressler) Szlach., Polish Bot. J. 51: 34 (2006).
Polycynis aurita Dressler, Orquideologia 12: 6 (1977).

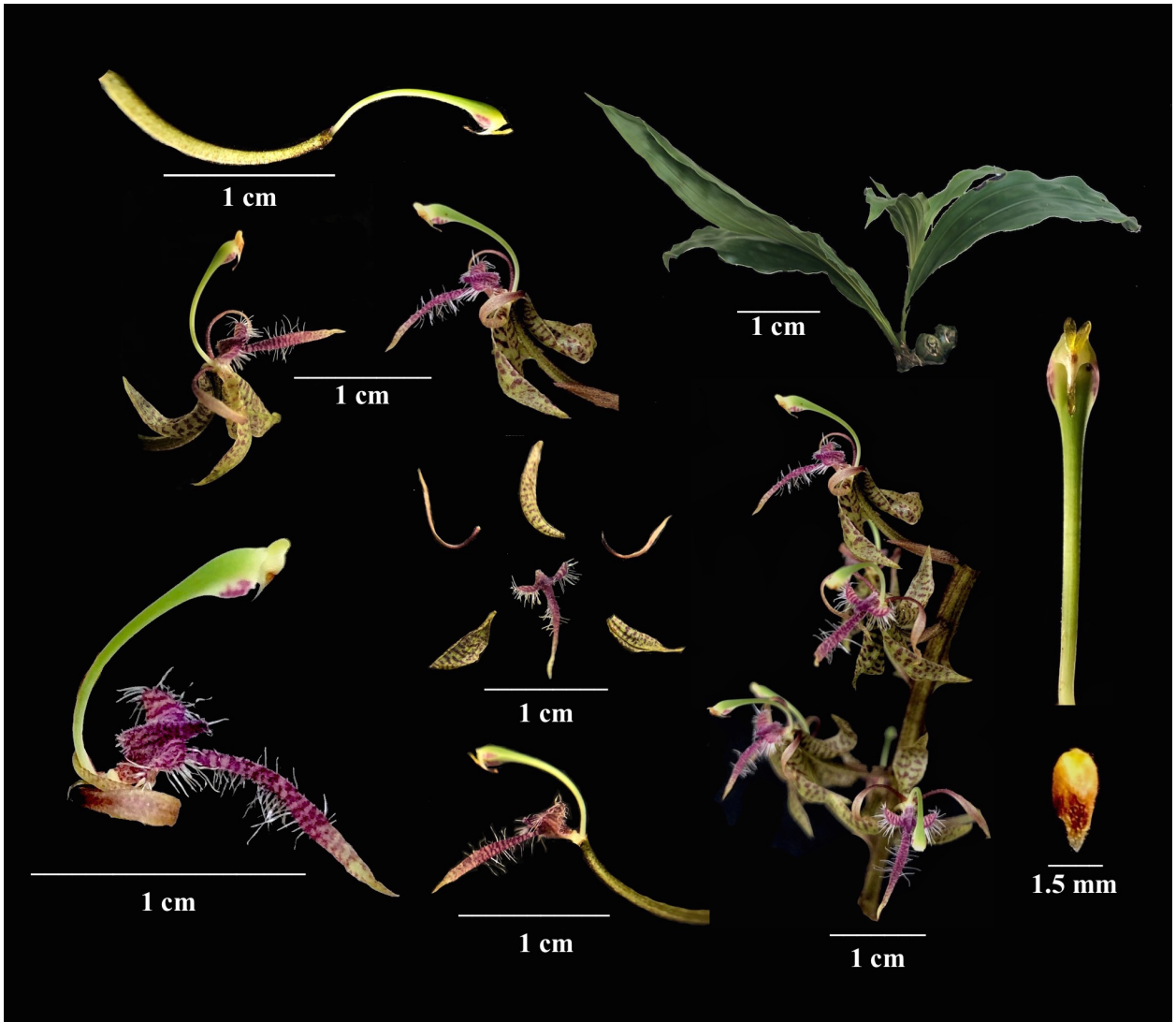


Polycynopsis ornata (Garay) Szlach., Polish Bot. J. 51: 34 (2006).
Polycynis ornata Garay, Canad. J. Bot. 34: 256 (1956)



Polycynopsis surinamensis (C.Schweinf.) Szlach., Polish Bot. J. 51: 34 (2006).
Polycynis surinamensis C. Schweinf., Bull. Torrey Bot. Club 75: 224. 1948.





Polycynopsis surinamensis



Polycynopsis surinamensis



Polycynopsis surinamensis

Acknowledgements

The first two photograph of the labella and column of the two genera are by the first author, the two photographs of *Polycynis pfister* are from the holotype taken by K. Senghas, all the other photographs are by the second author and all the illustrations are from the archive of Pedro Ortiz Valdivieso in the collection of the second author.

Literature Cited

Szlachetko, D. L. 2006. Genera et Species Orchidaliium. 9. Zygotaleae. Polish Botanical Journal 51(1): 33–35.

WCSP (2018). World Checklist of Selected Plant Families. Facilitated by the Royal Botanic Gardens, Kew. Published on the Internet.