

**Heterotaxis valenzuelana** (A. Richard) Ojeda & Carnevali, comb. nov. Basionym: *Pleurothallis valenzuelana* A. Richard, Sagra, Hist. Fis. Cuba 11: 234. 1850. *Maxillaria valenzuelana* (A. Richard) Nash, Bull. Torrey Bot. Club 34(3): 121–122. 1907. *Marsupiarina valenzuelana* (A. Richard) Garay, Arq. Jard. Bot. Rio de Janeiro 12: 183. 1952. TYPE: Cuba. Valenzuela, C. Wright 3314 (holotype, P not seen).

*Maxillaria iridifolia* Bateman ex Reichenbach f., Bonplandia 2: 16. 1854. *Marsupiarina iridifolia* (Bateman ex Reichenbach f.) Hoehne, Arq. Bot. Est. São Paulo 2: 71. 1947. TYPE: Cuba. without precise locality, “Wächst bei Cohubas,” E. F. Poeppig s.n. (holotype, H.G. Reichenbach f. Hb., W not seen).

*Dicrypta irisphyta* Barbosa Rodrigues, Gen. et Sp. Orch. Nov. 1: 126. 1877. TYPE: watercolor in *Iconographie des Orchidées du Brésil*, Vol. 6: t. 292 (fide Barbosa Rodrigues 1996: 420; “Tab. 487” fide Barbosa Rodrigues 1877: 126) RB [Library] (lectotype, designated here; reproduced in Barbosa Rodrigues, 1996, 1: 420). [The holotype (*J. Barbosa-Rodrigues* s.n.) of *Dicrypta irisphyta* was probably destroyed at Barbosa Rodrigues’ home in Rio de Janeiro, according to P. Cribb & A. Toscano de Brito in Barbosa Rodrigues, 1996: 30–31.]

*Maxillaria valenzuelana* subsp. *angustata* J. T. Atwood, Icon. Pl. Trop. 1371. 1989. Syn. nov. *Maxillaria valenzuelana* var. *angustata* (J. T. Atwood) Senghas, Schlechter, Orchideen ed. 3, I/B (29): 1779. 1994. TYPE: Nicaragua. Zalaya, Siuna, F. Ortiz 612 (holotype, SEL).

As stated by Atwood in the protologue, *Maxillaria valenzuelana* subsp. *angustata* differs from the type only in the “. . .generally smaller [size of]. . .all its parts, and the scapes and flowers [that] are more exposed.” We have seen a great deal of material of this species. The variation we detected along its geographical range and within populations is considerable: we hypothesize that *M. valenzuelana* subsp. *angustata* is well encompassed within this range of size and morphological variation.

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