

GENERA NOVA ET COMBINATIONES NOVAE IN CACTACEIS AUSTRAMERICANIS AD SUBFAMILIAM OPUNTIOIDEAE K. SCHUMANN SPECTANTIBUS IV

Mortolopuntia Guiggi *gen. nov.*

Diagnosis: differs from *Opuntia* Mill. *sensu stricto* by its solitary, cylindrical trunk with tuberous base; primary segments normally with indeterminate growth, initially cylindrical but at maturity flattened, lingulate, lanceolate or elliptic, unsymmetrical, sometimes twisted, rarely with secondary, globose, spreading branches; fruit with dense, woolly areoles; seed tortuous with strongly recurved lateral ridges; pollen not reticulate. **Typus generis:** *Mortolopuntia schickendantzii* (F.A.C.Weber) Guiggi [= *Opuntia schickendantzii* F.A.C.Weber]. **Etymologia:** named in honour of La Mortola, an alternative name for the Hanbury Botanical Gardens referring to its locality, where this plant was cultivated at the time when Alwin Berger was its curator (Berger, 1912: 235). **Distributio:** south-western South America, at 1000-3000 m.

Mortolopuntia schickendantzii (F.A.C.Weber) Guiggi *comb. nov.*

Basionymus: *Opuntia schickendantzii* F.A.C.Weber, in Bois, Dict. Hort. 898 (1898). *Typus:* not indicated (Iliff, 2002: 227, *fide* K. Schumann, 1898: 688), supposedly Argentina, Tucumán-Salta border, *sine data*, *F. Schickendantz s.n., non servatus*. **Neotypus hic designatus:** *ex cult hort. Mortolensi*, 11 VI 1905, *legit* A. Berger s.n. [HMGBH, fl]. **Synonymi:** *Salmiopuntia schickendantzii* (F.A.C.Weber) Frič, in Kreuzinger, Verzeichn. americ. and. Sukk. 41 (1935), *nom. inval.* (*cfr.* ICN Art. 35.1, McNeill *et al.*, 2012); *Cylindropuntia schickendantzii* (F.A.C.Weber) Backeberg, in Backeberg & F.M. Knuth, Kaktus-ABC 122. 1935 (1936); *Austrocylindropuntia schickendantzii* (F.A.C.Weber) Backeberg, in Cact. Succ. J. (U.S.) 23: 14 (1951); *Brasiliopuntia schickendantzii* (F.A.C.Weber) R.Puente *et* Majure, in Succ. Pl. Res. 8: 25 (2014); *Opuntia cochabambensis* Cárdenas, in Rev. Agric. Cochabamba 9: 20 (1953). **Syn. nov.;** *Platyopuntia conjungens* F.Ritter, Kakt. Südamerika 2: 494 (1980), *nom. incorr.* (*cfr.* ICN Art. 11.4, McNeill *et al.*, 2012). **Syn. nov.;** *Opuntia conjungens* (F.Ritter) P.J.Braun *et* Esteves, in Succulenta 74(3): 133 (1995). **Specimina visa. Plantae viventium:** Bolivia, dept. Tarija, Mendez, *sine loco*, *F. Ritter* FR 895 loc. 3, *sub Platyopuntia conjungens* F.Ritter, *cult. hort. Berolinensi* GH29046, ex seed Cat. H. Winter 1959 (N. Köster *com. pers.*, *cfr.* Eggl *et al.*, 1995: 416); *sine legit et loco*, *cult. hort. Mortolensi ex cult. hort. Pinya de Rosa*; *sine legit et loco*, *cult. hort. Jardin Exotique Monaco*. **Exsiccata:** Bolivia, dept. Tarija, Mendez, “Cajas”, Nr. 10, 1958, *F. Ritter* FR 895 loc. 1, *sub Platyopuntia conjungens* F.Ritter [122031 SGO, *iso.*, corp, ar, sp, fig. 1]. **Distributio:** N Argentina, S Bolivia. **Note:** in consideration of the relationships between A. Berger and F.A.C. Weber (Berger, 1904, 1912; Guiggi data ined.), it is very probable that the material cultivated and preserved at La Mortola was sent by Weber himself, and for this reason it is designated here as neotype.



Image 1: Isotype of *Platyopuntia conjungens* F.Ritter (Bolivia, FR 895 loc. 1), including different sections of the stem and the roots, deposited at the Museo Nacional de Historia Natural de Santiago, Chile. Photo: G. Rojas.

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Nomenclatural novelties proposed in this supplement

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