

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

Andinopuntia Guiggi *gen. nov.*

Diagnosis: *Cacti humiles, dense ramosi, gregarii vel pulvinati, sine termino crescentes, articulis caulinis breviter teretibus vel subglobosis, tuberculis tectis; areolae plerumque piliferae; folia subsempervirentia; spinae paucae, subulatae, rectae; flores hypanthio spinis pilisque tecto; fructus ovoidei vel globosi, umbilicati, interdum pilosi; semina globosa, laevia, arillum tenuem ferentia. Typus generis: Andinopuntia floccosa (Salm-Dyck ex Winterfeld) Guiggi. Etymologia: ex nomine montum Americae australis (Ande). Distributio: vivunt in parte occidentali Americae australis.*

Andinopuntia floccosa (Salm-Dyck ex Winterfeld) Guiggi *comb. nov.*

Basionymus: Opuntia floccosa Salm-Dyck ex Winterfeld, in Allg. Gartenz. 13: 138 (1845). *Typus: ignotus, 1840-41, Winterfeld s.n., non servatus. Neotypus hic designatus* (imago 2): Peruvia, Cajamarca, leg. F. Ritter FR 136 (SGO 121924, *holo.*) **Distributio:** Bolivia, Peruvia.

Andinopuntia lagopus (K. Schumann) Guiggi *comb. nov.*

Basionymus: Opuntia lagopus K. Schumann, Gesamtb. Kakt. Nachtr. 151 (1903). *Typus: Peruvia, Arequipa, leg. A. Weberbauer s.n. (B, †). Neotypus* (Crook *et al.*, in *Bradleya* 21: 89, 2003) Peruvia, Puno, Macusani, leg. Webster 26 (K, *holo.*) **Distributio:** Bolivia, Peruvia.

Banfiopuntia Guiggi *gen. nov.*

Diagnosis: *Cacti humiles, vere ramosi, gregarii; articuli caulini globosi aut breviter teretes, tuberculosi; areolae glabrae; folia sempervirentia, subulata; spinae aciculares, debiles, setiformes; flores plurimi, receptaculo paucis areolis facto, bracteis instructi; fructus obovati, inermes, glabri, manifeste umbilicati; semina oblata, saepe pilosa. Typus generis: Banfiopuntia verschaffeltii (Cels ex F.A.C Weber) Guiggi. Etymologia: magistro optimo et valido amico Enrico Banfi, botanico apud Musaeum Historiae Naturalis Mediolanense genus dicatum. Distributio: pars centralis Americae australis.*

Banfiopuntia verschaffeltii (Cels ex F.A.C Weber) Guiggi *comb. nov.*

Basionymus: Opuntia verschaffeltii ("verschaffelti") Cels ex F.A.C Weber, in Bois, Dict. Hort. 2: 898 (1898). *Typus: Bolivia, non servatus. Neotypus hic designatus* (imago 4): Bolivia, Tarija, Mendez, leg. F. Ritter FR 410a (SGO 121932, *holo.*) **Distributio:** Argentina, Bolivia.

Peruviopuntia Guiggi *gen. nov.*

Diagnosis: *Cacti caule indiviso vel nonnullis ramis instructo; tuberculi inconspicui, minuti, spiraliter dispositi; areolae plurimae, tomentosae, densatae; folia parva, statim decidua; spinae plurimae, breves, rigidae, deflexae; flores paucis staminibus conniventibus, stigmatibus brevioribus, instructi; ovaria ad apicem brevium ramorum recepta; fructus subteretes, saepe steriles et gemmipari; semina globosa arillo cristisque lateralibus aterrimis instructa. Typus generis:*

Peruviopuntia pachypus (K. Schumann) Guiggi. **Etymologia:** ex Peruvia, patria generis huius. **Distributio:** pars occidentalis Americae australis.

Peruviopuntia pachypus (K. Schumann) Guiggi **comb. nov.**

Basionymus: *Opuntia pachypus* K. Schumann, in Monatschr. Kakt.-Kunde 14: 26 (1904). **Typus:** Peruvia, Lima, Santa Clara, leg. A. Weberbauer 1677 (B, *holo.*). **Distributio:** Peruvia centralis.

Salmiopuntia Frič ex Guiggi **gen. nov.**

Synonymus: *Salmiopuntia* Frič, in Kreuzinger (1935: 41), *nom. inval.* (cfr. ICBN Art. 32.1, McNeill *et al.*, 2006). **Diagnosis:** *Frutex caule terete, ad basim ramoso, erecto vel decumbente, cladodiis tuberculisque carente instructus; spinae lentae, breves, evaginatae; folia parva, vestigialia, decidua; flores perianthii segmentis obovatis vel subellipticis; stamina et stigmata brevia; receptaculum glochidiis areolis plurimis tectis conspersum; fructus steriles vel pauca semina continentes, ramos quosdam cum spinis parientes; semina pilis instructa.* **Typus generis:** *Salmiopuntia salmiana* (Parmentier ex Pfeiffer) Guiggi. **Etymologia:** genus botanico germanico Salm Reifferscheid-Dyck (1773-1861) dicatum. **Distributio:** pars centralis Americae australis.

Salmiopuntia salmiana (J. Parmentier ex Pfeiffer) Guiggi **comb. nov.**

Basionymus: *Opuntia salmiana* J. Parmentier ex Pfeiffer, Enum. Cact. 172 (1837). **Typus:** ex Brasilia fallaciter (*non servatus*). **Lectotypus** (Crook *et* Mottram, Bradleya, 21(64): 2003): ico in Pfeiffer *et* Otto, Abbild. Cact. 1(2): pl. 6, fig. 1, 1839 (1843). **Distributio:** Argentina, Bolivia, Paraguay.

Trichopuntia Guiggi **gen. nov.**

Diagnosis: *Frutex; caulis teres, ad basim ramosus; tuberculi nulli; areolae parvae, piliferae; folia sempervirentia, subulata; spinae aciculares, debiles; flores hypanthio piloso; fructus globosi, piliferi, umbilico inconspicuo instructi; semina ovoidea, fusiformia, laevia, arillo tenui tecta.* **Typus generis:** *Trichopuntia vestita* (Salm-Dyck) Guiggi. **Etymologia:** thrix, trichós = pilus, capillus, ex hypanthio fructuque manifeste pilosis **Distributio:** pars centralis Americae australis.

Trichopuntia shaferi (Britton *et* Rose) Guiggi **comb. nov.**

Basionymus: *Opuntia shaferi* Britton *et* Rose, The Cact. 1: 72 (1919). **Typus:** Argentina, Jujuy, Tumbayá, leg. J.A. Shafer 90 (US, *holo.*, *spec. vis.*; K, *iso.*, *spec. vis.*). **Distributio:** Argentina, Bolivia.

Trichopuntia shaferi* subsp. *humahuacana (Backeberg) Guiggi **comb. et stat. nov.**

Basionymus: *Cylindropuntia humahuacana* Backeberg, in Backeberg *et* Knuth, Kaktus-ABC 119, 411, 1935 (1936). **Typus:** in regione limitanea Argentino-Boliviana, in vallibus, *sine data et legit, non servatus*. **Neotypus hic designatus** (imago 1): Argentina, Jujuy, Humahuaca, leg. R. Kiesling *et al.* 2514 (SI, *holo.*). **Distributio:** Argentina.

Trichopuntia vestita (Salm-Dyck) Guiggi **comb. nov.**

Basionymus: *Opuntia vestita* Salm-Dyck, in Allg. Gartenz. 13: 338 (1845). **Typus:** Bolivia, 1844, Bridges *s.n.*, *non servatus*. **Neotypus hic designatus** (imago 3): Bolivia, Chuquisaca, Yamparaez, leg. F. Ritter FR 891 (SGO 121911, *holo.*). **Distributio:** Argentina, Bolivia.

HERBARIO
SI 119103
DARWINION



Flora Argentina
Austrocyllindropuntia shaferi var.
humahuacana (Backbg.) Kiesling
 Prov. de Jujuy, Dep. Humahuaca, cerca de
 Humahuaca, 3.000 m s.n.m.
 Leg. R. Kiesling - et. al. 2514 No. _____
 Fecha: II-1978
 Oñ. Publicación Cactus Succ. Jour. (GB)
 42(4):112, 1980. Hay material en frasco
 Nº MC 590 (SI)

INST. BOT. DARWINION (SI)
4000754

Herbario del Museo Nacional
de Historia Natural, Chile (SGO)
COLECCION CACTACEAS FRIEDRICH RITTER

Austrocyllindropuntia floccosa (Salm-Dyck) F. Ritter

Peru: Prov. Cajamarca, "Weg Cajamarca - Celendin, km
path Cajamarca - Celendin, km 47.

F. Ritter 136 loc. 2 (s.a.).

SGO 121924

Herbario del Museo Nacional
de Historia Natural, Chile (SGO)
COLECCION CACTACEAS FRIEDRICH RITTER

Austrocyllindropuntia vestita (Salm-Dyck) Backeberg

Bolivia: Prov. Chuquisaca, "Abstieg v. Yamparaez" = desce
from Yamparaez.

F. Ritter 891 (-. 8. 1958).

One of the two original labels was first numbered as "891
crossed out and replaced with "60". Identified as
"Austrocyllindropuntia vestita (Salm-Dyck) Backeberg
var." in the field - at in KS 4.

SGO 121911

***Austrocyllindropuntia verschaffeltii* (Cels ex F.
A. C. Weber) Backeberg**

Bolivia: Prov. Tarija, Dept. Mendez, "San Antonio

F. Ritter 410a loc. 2 (s.a.).

The original label was first numbered as "889".

SGO 121932

Images 1-4. 1: Neotypus of *Trichopuntia shaferi* subsp. *humahuacana* (sub *Austrocyllindropuntia shaferi* var. *humahuacana*), joint and fruit sections. Photo: Manuel Belgrano (Herbarium SI). 2: Neotypus of *Andinopuntia floccosa* (sub *Austrocyllindropuntia floccosa*), stems with roots. 3: Neotypus of *Trichopuntia vestita* (sub *Austrocyllindropuntia vestita*), top of the stem. 4: Neotypus of *Banfiopuntia verschaffeltii* (sub *Austrocyllindropuntia verschaffeltii*), stem. Photo: Víctor Ardiles (Herbarium SGO).

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Nomenclatural novelties proposed in this supplement

Andinopuntia Guiggi *gen. nov.*
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Peruviopuntia Guiggi *gen. nov.*
Peruviopuntia pachypus (K. Schumann) Guiggi *comb. nov.*
Salmiopuntia Frič *ex* Guiggi *gen. nov.*
Salmiopuntia salmiana (J. Parmentier *ex* Pfeiffer) Guiggi *comb. nov.*
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Trichopuntia shaferi subsp. *humahuacana* (Backeberg) Guiggi *comb. et stat. nov.*
Trichopuntia vestita (Salm-Dyck) Guiggi *comb. nov.*

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