

ARGENTINA: NOMENCLATURAL REVISION IN CACTACEAE II

Austrocactus Britton *et* Rose, The Cact. 3: 44 (1922).

Austrocactus bertinii Britton *et* Rose **subsp. nobilis** (E.Sarnes *et* N.Sarnes) Guiggi **comb. et stat. nov.** *Basionymus*: *Austrocactus nobilis* E.Sarnes *et* N.Sarnes, in Cact. World 38(3): 166-169 (2020). **Typus**: Argentina, Río Negro Prov., plateaux N Ingeniero Jacobacci, near Mengué, 900-1200 m, 13 Nov. 2019, E.Sarnes *et* N.Sarnes 18601 [MERL, *holo.*]. **Distributio**: NW Río Negro. **Annotarum**: infra-specific taxon distinguished by the more cespitose *habitus*, with more elevated tubercles and stouter spines, the central ones 4-6 (*vs.* 4), distributed at the NW range of the species (Sarnes & Sarnes, 2020: 169). Apart these differences, the reproductive and the other vegetative characters are conspecifics with those of the subspecies type (*cfr.* Britton & Rose, 1922: 44; Sarnes & Sarnes, 2015: 24).

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BRAZIL: NOMENCLATURAL REVISION IN CACTACEAE

II

Melocactus Link et Otto, Verh. Vereins Beford. Gartenbaues Konigl. Preuss. Staaten 3: 417 (1827), *nom. cons.*

Melocactus neoviridescens Guiggi *nom. nov.*

Synonymus: *Melocactus pachyacanthus* subsp. *viridis* N.P.Taylor, in *Bradleya* 9: 40 (1991). **Typus**: Brazil, Bahia, Mun. América Dourada, 2 Km W Campo Belo (Belo Campo), 750 m, 26 Dec. 1988, R.M.Harley, N.P.Taylor et D.C.Zappi 27400 [CEPEC, *holo.*; SPF *iso.*; K, *iso. spec. vis.*, three sheets, corp, ceph, ar, sp]. **Distributio**: Central N Bahia. **Annotarum**: taxon elevated at specific rank for its southern disjunct distribution (Mun. Morro de Chapéu, América Dourada, Irecê), growing at higher altitude > 700 m (*vs.* 400-650 m), *habitus* depressed-globose (15 x 20 cm *vs.* 30 x 20 cm), cephalium stout, woolless with dense bristles (10 x 10 or more cm *vs.* 12 x 10 cm), epidermis viridescent (grey-green glaucous), flower longer to 25 mm (to 20 mm). A *nomen novum* from Greek *neos* “new” and Latin *viridescens* “to be green” referred to the colour of the epidermis is here proposed to avoid the homonymy with *Melocactus viridescens* (Torrey et A.Gray) Nuttall *ex* Teschemacher and the confusion with some previous varietal taxa (*i.e.* *Melocactus communis* var. *viridis* Pfeiffer, *Melocactus zehntneri* var. *viridis* F.Ritter).

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NEW INFRA-SPECIFIC COMBINATIONS FOR THE RE-EVALUATED *RHIPSALIS PARASITICA* (LINNAEUS) HAWORTH (*CACTOIDEAE-RHIPSALIDEAE*)

Rhipsalis parasitica (Linnaeus) Haworth, Syn. Pl. Succ. 187 (1812). *Basionymus*: *Cactus flagelliformis* [var.] *parasitica* Linnaeus, *Syst. nat.*, ed.10. 2: 1054 (1759). **Typus**: America. **Lectotypus** (*designatus* by Mottram 2020: 92): Haiti, in woods; 1689-1690 or 1693, Charles Plumier in Burman, *Cactus inermis, aphyllus, ramosus, Plantarum Americanarum fasciculus* 8: t. 197 fig. 2. (20 Jun.) 1758. Copied upside down from *Opuntia minima flagelliformis* in the unpublished archive of Plumier, *Botanicon Americanum* 3: t. 76. 1689-1697 at Muséum National d'Histoire Naturelle, Paris. **Synonymi**: *Cactus parasitica* (Linnaeus) Linnaeus, *Spec. plant.* ed. 2. (1762-63); *Cassytha baccifera* Solander, *Ill. Syst. Sex. Linnaei class. 9: Ordo 1* (1771); *Rhipsalis baccifera* (Solander) Stearn, in *Cact. J.* (London) 7: 107, adnot. (1939). **Distributio**: tropical America and Africa, Islands of Indian Ocean. **Annotarum**: in agree with Mottram & Hoxey (2020: 92), *R. parasitica* is the valid and priority epithet for the modern concept of *R. baccifera*, as consequence the infra-specific taxa previously recognized for the latter name are combined in the former as follows.

Rhipsalis parasitica subsp. *cleistogama* (M.Kessler, Ibisch *et* Barthlott) Guiggi **comb. nov.** *Basionymus*: *Rhipsalis baccifera* subsp. *cleistogama* M.Kessler, Ibisch *et* Barthlott, in *Bradleya* 18: 22 (2000). **Typus**: Bolivia, La Paz, A. Iturralde Prov., Rio San Antonio, 46 km de Ixiamas a Alto Madidi, 400 m, M.Kessler 11203 [LPB, *holo.*; GOET, *iso.*]. **Distributio**: Bolivia. **Annotarum**: subspecies with cleistogamous flower and the fruit small, reddish (Ibisch *et al.*, 2000: 22; Hunt *et al.*, 2006: 253).

Rhipsalis parasitica subsp. *erythrocarpa* (K.Schumann) Guiggi **comb. nov.** *Basionymus*: *Rhipsalis erythrocarpa* K.Schumann, *Pflanzenw. Ost-Afrikas Nachbargeb. Teil C.* 282 (1895). **Typus**: Tanzania, Kilimanjaro, *Volkens* 1581 [B, *holo.*; K *iso.*]. *Synonymus*: *Rhipsalis baccifera* subsp. *erythrocarpa* (K.Schumann) Barthlott, in *Bradleya* 5: 100 (1987). **Distributio**: E Africa. **Annotarum**: subspecies with initially tinged red fruits (Barthlott & Taylor, 1995: 64; Hunt *et al.*, 2006: 253).

Rhipsalis parasitica subsp. *hileiabaiana* (N.P.Taylor *et* Barthlott) Guiggi **comb. nov.** *Basionymus*: *Rhipsalis baccifera* subsp. *hileiabaiana* N.P.Taylor *et* Barthlott, in *Bradleya* 13: 63 (1995). **Typus**: Brazil, Bahia, Mun. Ilheus, 7 Aug. 1983, H.S.Brito *et* J.L.Hage 2113 [CEPEC, *holo.*; K, *iso.*; MBM, *iso.*]. **Distributio**: Brazil (Bahia). **Annotarum**: subspecies with densely branched stem-segments, from a very humid Atlantic forest (Barthlott & Taylor, 1995: 63-64; Hunt *et al.*, 2006: 253).

Rhipsalis parasitica subsp. *horrida* (Baker) Guiggi **comb. nov.** *Basionymus*: *Rhipsalis horrida* Baker, in *J. Linn. Soc. Bot.* 21: 347 (1884). **Lectotypus** (*designatus* by Barthlott & Taylor 1995: 64): Madagascar, 1882, *Baron* 2750 [K, *lecto.*]. *Synonymus*: *Rhipsalis baccifera* subsp. *horrida* (Baker) Barthlott, in *Bradleya* 5: 100 (1987). **Distributio**: Madagascar. **Annotarum**: a neotenic subspecies with bristly stem, pericarpel and fruits, and an aberrant mesotonic branching (Barthlott & Taylor, 1995: 64; Hunt *et al.*, 2006: 253).

Rhipsalis parasitica subsp. *mauritiana* (De Candolle) Guiggi **comb. nov.** *Basionymus*: *Rhipsalis cassytha* [var.] *mauritiana* De Candolle, *Prodr.* 3. 476 (1828). **Lectotypus** (*designatus* by Barthlott & Taylor 1995: 64): Mauritius, Le Pouce, *Sieber* 259 [G-IDC, *lecto.*; L, *isolecto.*]. **Synonymi**: *Rhipsalis baccifera* subsp. *mauritiana* (De Candolle) Barthlott, *Bradleya* 5: 100 (1987);

Rhipsalis zanzibarica F.A.C.Weber, in *Monatsschr. Kakteenk.* 3: 11 (1893); *Rhipsalis baccifera* f. *zanzibarica* (F.A.C.Weber) P.V.Heath, *Calyx* 4(4): 124 (1994). **Distributio:** tropical Africa, Mauritius, Comores, Mascarenes, Seychelles and Sri Lanka. **Annotarum:** a subspecies differing in epidermal characters and in normally larger fruits (Barthlott & Taylor, 1995: 64; Hunt *et al.*, 2006: 253).

Rhipsalis parasitica subsp. *shaferi* (Britton *et* Rose) Guiggi **comb. nov.** *Basionymus:* *Rhipsalis shaferi* Britton *et* Rose, *The Cact.* 4: 229 (1923). **Lectotypus** (*designatus* by Barthlott & Taylor 1995: 64): Paraguay, Trinidad, 17 Mar. 1917, *J.A. Shafer* 134 [US, *lecto.*]. **Synonymus:** *Rhipsalis baccifera* subsp. *shaferi* (Britton *et* Rose) Barthlott *et* N.P.Taylor, in *Bradleya* 13: 64 (1995). **Distributio:** Argentina, Bolivia, Brazil, Paraguay. **Annotarum:** a subspecies characterized by the shorter and stiffer stem-segments (Barthlott & Taylor, 1995: 64; Hunt *et al.*, 2006: 253).

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Nomenclatural novelties proposed in this *supplementum*

Austrocactus bertinii subsp. *nobilis* (E.Sarnes et N.Sarnes) Guiggi *comb. et stat. nov.*

Melocactus neoviridescens Guiggi *nom. nov.*

Rhipsalis parasitica subsp. *cleistogama* (M.Kessler, Ibisch et Barthlott) Guiggi *comb. nov.*

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