

ADDENDA ET CORRIGENDA IN CLEISTOCACTUS LEMAIRE AND ALLIED GENERA

***Bolivicereus samaipatanus* Cárdenas subsp. *divi-miseratus* (Cárdenas ex Backeberg) Guiggi **comb. nov.** *Basionymus:* *Bolivicereus samaipatanus* var. *divi-miseratus* Cárdenas ex Backeberg, Die Cact. 2: 973 (1959). *Synonymi:* *Bolivicereus samaipatanus* var. *divi-miseratus* Cárdenas, in Natl. Cact. Succ. J. 6: 9 (1951), *nom. inval.* (cfr. ICN Art. 35.1, McNeill *et al.*, 2012); *Bolivicereus samaipatanus* subsp. *divi-miseratus* (Cárdenas) Guiggi, Cactology 3: 6 (2012), *nom. inval.* (cfr. ICN Art. 41.5, McNeill *et al.*, 2012); *Borzicactus samaipatanus* (Cárdenas) Kimnach var. *divi-miseratus* (Cárdenas ex Backeberg) Krainz, Kakteen Lief. 21: C Vb (1962); *Cleistocactus samaipatanus* (Cárdenas) D.R.Hunt subsp. *divi-miseratus* (Cárdenas ex Backeberg) M.Lowry, in Bradleya 34: 171 (2016). **Specimina visa. Plantae viventum:** Bolivia, Dept. Santa Cruz, Chiquitos, Cerro San Miserato, 900 m, *M. Cardenas* (topotype), *cult. hort.* Jardin Exotique of Monaco (Imago 1). **Exsiccata:** Bolivia, Prov. Chiquitos, prope Montana Divi Miserato, 900 m, Feb. 1950, *M. Cárdenas* 4569 [US, *iso.*, corp, ar, sp, fl, ico]. **Notes:** replaces previous invalid combination (Guiggi, 2012: 6) with the correct basionym. *Bolivicereus samaipatanus* var. *divi-miseratus* Cardenas (1951) was published two months before the description of the relevant new genus (Lowry, 2016: 172), but Backeberg (1959: 972-973) validated the taxon by including the description in German and an illustration (Abb. 892) of the Cardenas type specimen.**

***Cleistocactus ritteri* Backeberg ex Guiggi *spec. nov.* **Descriptio:** *Fruticosus, e basi ramosus, viridis; ramis erectis, ad ca. 3 cm Ø; costis primum 8, postea 12–14 vel pluribus, humilibus, angustis, leviter tuberculatis; areolis parvis, ca. 5 mm inter se distantibus, primum tomento bruneo, postea albido; aculeis radialibus et centralibus saepe non distinctis, primum saetosis, albis, in apice dense erectis, deinde ± divaricatis, ± intertextis, ad ca. 30 radialibus, ca. 5 mm longis, tenuissimis, centralibus postea ad 5 aliquid crassioribus, flavescens, 1 longiore, ad ca. 1 cm longo, porrecto; in regione florifera primum saetis singularibus, postea acervatis, divaricatis, albis, tenuissimis, ad 3 cm longis; flore ca. 4 cm longo, fere nudo, citreo; tubo citrino, circum neetarium inflato et supra eundem decurvato, ca. 5 mm Ø, squamis parvis, in parte superiore viridulis; phyllis perigonii exterioribus angustis, ca. 1,5 mm latis, ± divaricatis, viridiflavis, interioribus ad 4–6 mm longis, citreis, in media et superiore parte viridibus; filamentis in duplis seriebus, albidis; stylo ca. 3,5 cm longo, flaveolo; stigmatibus erectis, viridibus; nectario ca. 5 mm longo, 3 mm lato; fructu ignoto* (Backeberg, 1959b: 163). **Typus** (*autotypus* cfr. ICN Art. 9.1, McNeill *et al.*, 2012): *ico.* in Backeberg, 1959: 164. *Synonymi:* *Cleistocactus ritteri* Backeberg, Kakteen And. Sukk. 10(11): 163. (1959), *nom. inval.* (cfr. ICN Art. 8.2, McNeill *et al.*, 2012); *Cephalocleistocactus ritteri* (Backeberg) Backeberg, Die Cact. 6: 3691 (1962), *nom. inval.* (cfr. ICN Art. 7.3, McNeill *et al.*, 2012). **Specimina visa. Plantae viventum:** Bolivia, La Paz, Sud-Yungas, *F. Ritter* FR 325 (type collection), *cult. hort.* Jardin Exotique of Monaco (Imago 2). **Notes:** Backeberg (1959: 163) failed to validate species *Cleistocactus ritteri* as he chose as *typus* a living specimen of FR 325 in the collection of Dr. Karius, Muggen-sturm (Baden) and not a preserved herbarium specimen. In agreement with Lowry (2016: : 170), the multiple specimens derived from FR 325 (Bolivia, La Paz, Sud-Yungas, frontier towards Prov. Loyaza, Plazuela, at Río La Paz, 1100 m, Oct. 1954, *F. Ritter*) deposited at ZSS were neither considered nor cited by Backeberg and Ritter's (1980: 687-688) re-description failed to validate the species.**

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Image 1: A topotype plant in flower of *Bolivicereus samaipatanus* Cárdenas subsp. *divi-miseratus* (Cárdenas ex Backeberg) Guiggi from Bolivia, Dept. Santa Cruz, Chiquitos, Cerro San Miserato, 900 m, *M. Cardenas*, in cultivation at the Jardin Exotique of Monaco. Photo: A. Guiggi.



Image 2: A type collection plant with the whitish soft spines of *Cleistocactus ritteri* Backeberg ex Guiggi from Bolivia, La Paz, Sud-Yungas, *F. Ritter* FR 325, in cultivation at the Jardin Exotique of Monaco. Photo: A. Guiggi.

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Nomenclatural novelties proposed in this supplement

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comb. nov.

Cleistocactus ritteri Backeberg ex Guiggi *spec. nov.*

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