

***CACTUS-ADVENTURES International
SUPPLEMENT***

To the Vol. 36 No. 123 October 2024

TAXONOMICAL CHANGES
***Addenda to the Genera Guerreroa, Neomapucheia,
and COMB. NOV.***

ADDENDA & CORRECTIONS TO THE GENERA GUERREROA AND NEOMAPUCHEA

Joël Lodé & Grzegorz Matuszewski

In the Cactus-Adventures International issue Vol. 36, no. 123 of 2024, pages 134 and 139, published online, the diagnoses of the genera *Guerreroa* and *Neomapucheia* were omitted: this is corrected in this supplement here.

GUERREROA GEN. NOV. Lodé & Matuszewski (Cactoideae-Notocactaceae)

This genus was created to identify the unnamed clade VII of Guerrero et al. (2019) as a genus.

Type: *Chileorebutia aerocarpa* F.Ritter

“Clade VII” P.C. Guerrero & Helmut Walter:

Diagnosis. Flowers with basally widened nectaries and compressed ovaries; root system mostly a taproot.

For taxonomical reasons, it was also necessary to add the following taxa:

Guerreroa eriosyzoides (F.Ritter) Matuszewski & Lodé **comb. nov.**

Basionym: *Horridocactus eriosyzoides* F.Ritter, in *Succulenta* (Netherlands) 5: 49, illustr. p. 50 (1959).

Type: Chile, Coquimbo, Hacienda los Llanos de Huanta, *Ritter* 484 (ZSS).

Guerreroa eriosyzoides subsp. *vallenarensis* (F.Ritter) Matuszewski & Lodé **comb. nov.**

Basionym: *Pyrrhocactus vallenarensis* F.Ritter, in *Succulenta* (Netherlands) 1959: 157 (1959). (≡ *Horridocactus vallenarensis* F.Ritter).

NEOMAPUCHEA GEN. NOV. Matuszewski & Lodé (Cactoideae-Notocactaceae)

This genus was created to identify the clade II of Guerrero et al. (2019) as a genus.

Clade II: *Eriosyce* sect. *Campanulatae* P.C. Guerrero & Helmut Walter, sect. nov.

Type: *E. marksiana* (F.Ritter) Katt. (≡ *Pyrrhocactus marksianus* F.Ritter).

Diagnosis. Flowers markedly campanulate; flower and fruit areoles nearly naked; root system fibrous.

Bibliographical References:

Guerrero Pablo C., Helmut E. Walter, Mary T.K. Arroyo, Carol M. Peña, Italo Tamburrino, Marta De Benedictis & Isabel Larridon. 2019. *Molecular phylogeny of the large South American genus **Eriosyce** (Notocactaceae, Cactaceae): Generic delimitation and proposed changes in infrageneric and species ranks.* Taxon 68(3): 557-573.

Lodé Joël. 2024. *New Combinations, Changes and Clarifications in Cactaceae,* Cact.-Adv. Int. vol.36(123): 130-145.