

# ***NEW COMBINATIONS***

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For taxonomical reasons, it was necessary to modify the name of the following taxa:

***Echinocereus dasyacanthus* subsp. *ctenoides*** (Engelm.) J.Lodé 2013 Comb. et stat. nov.

**Basionym:** *Cereus ctenoides* Engelm., Proc. Amer. Acad. 3: 279. (1856).

**Type :** USA, Texas, Eagle Pass.

**Synonyms:** *Echinocereus ctenoides* (Engelmann) Rümpler in Förster 1885,  
*Echinocereus dasyacanthus* var. *ctenoides* (Engelmann) Backeberg 1960  
*Echinocereus pectinatus* var. *ctenoides* Weniger 1971 *nom. inval.* (no basionym cited).  
*Echinocereus pectinatus* var. *ctenoides* (Engelmann) Weniger ex Frank 1991.  
*Echinocereus pectinatus* subsp. *ctenoides* (Engelmann) Frank 1997.

***Ferocactus gracilis* subsp. *tortulispinus*** (H.E.Gates) J.Lodé 2013 Comb. nov.

**Basionym :** *Ferocactus tortulispinus* H.E.Gates, Cact. Succ. J. (Los Angeles) 4: 343, fig. (1933).

**Type :** Mexico : Gates No. 161, collected July 24, 1932, on low hills 10 miles north of Laguna Seca Chapala, Baja California (29° 35' N, 114° 40' W), and deposited in the Dudley Herbarium (No. 207825).

**Synonyms:** *Ferocactus acanthodes* var. *tortulispinus* (H.E.Gates) G.E.Linds. 1955  
*Ferocactus cylindraceus* var. *tortulispinus* (H.E.Gates) Bravo 1980  
*Ferocactus cylindraceus* subsp. *tortulispinus* (H.E.Gates) N.P.Taylor 1998.

***Lobivia aurea* subsp. *fallax*** (Oehme) J.Lodé 2013 Comb et stat. nov.

**Basionym:** *Lobivia fallax* Oehme in Kakteenkunde, 4-6 fig. & photo (Lectotype) (1939).

**Type :** not designated.

**Synonyms:** *Pseudolobivia aurea* var. *fallax* (Oehme) Backeb. 1959  
*Echinopsis fallax* (Oehme) H.Friedrich 1974  
*Lobivia aurea* var. *fallax* (Oehme) Rausch 1975  
*Lobivia shaferi* ssp. *fallax* (Oehme) E.Herzog 1985  
*Echinopsis aurea* var. *fallax* (Oehme) J.Ullmann 1990  
*Echinopsis aurea* subsp. *fallax* (Oehme) M.Lowry 2005.

***Lobivia aurea* subsp. *shaferi*** (Britton & Rose) J.Lodé 2013 Comb et stat. nov.

**Basionym:** *Lobivia shaferi* Britton & Rose, The Cactaceae 3: 52, figs. 66,69 (1922).

**Type:** Argentina, Catamarca, Andalgalá, hillside thickets, 19 Dec. 1916, Shafer 16 (NY).

**Synonyms:** *Echinopsis fallax* var. *shaferi* (Britton & Rose) J.Lambert 1988  
*Echinopsis aurea* subsp. *shaferi* (Oehme) M.Lowry 2005.

***Lobivia callochrysea*** (F.Ritter) J.Lodé 2013 Comb. et Stat. nov.

**Basionym:** *Hymenorebutia aurea* var. *callochrysea* F.Ritter, Kakteen Südamerika 2: 468-469, figs. (1980).

**Type** : Argentina, East of Alemania, Prov. Salta. Nr. FR 985. Ill.. 317 et 318.

**Synonyms:** *Lobivia aurea* var. *callochrysea* (F.Ritter) Rausch 1987

*Echinopsis fallax* var. *callochrysea* (F.Ritter) J.Lambert 1988

*Echinopsis aurea* var. *callochrysea* (F.Ritter) J.Ullmann 1990

Ritter calls it as *Echinopsis callochrysea* Ritt., nom. nud. im Katalog Winter 1960.

***Mammillaria columbiana* subsp. *jamaicensis*** (A.E.Areces) J.Lodé 2013

Comb. et stat. nov.

**Basionym:** *Mammillaria jamaicensis* A.E.Areces, Cact. & Succ. Journ. of Am. 73(1): 37-38 (35-41), fig. 1-6 (2001).

**Type:** Jamaica, Parish Trelawny, Vicinity of Ramgoat Cave, Ca. 3 km by road north of Burnt Hill, in the crevices and small pockets of soil of a vertical, east-facing cliff., 450m alt., 24 Jan 1995, Areces 6399, coll A.E. Areces-Mallea & G.R. Proctor (HOLO: IJ; ISO, NY).

***Mammillaria columbiana* subsp. *ruestii*** (Quehl) J.Lodé 2013 Comb. et stat. nov.

**Basionym:** , Monatsschr. Kakteenk. 15: 173 (1905).

**Type** : Honduras, without locality ; raised from seed by a Dr. Ruest of Hanover. Type not extant.

***Mammillaria columbiana* subsp. *tamayonis*** (Killip ex Schnee) J.Lodé 2013

Comb. et stat. nov.

**Basionym:** *Mammillaria tamayonis* Killip ex Schnee, Bol. Acad. Cienc. Fis. Mat. y Nat. Venez. 12(38): 62 (1949)

**Type:** Venezuela, Edo. Falcón, cardonales, espinares y bosque seco, 37 km al S. de Coro, alt. 850m; on limestone boulders of slopes in chaparral and deciduous forest, 25 Jan 1966, Steyermark & Braun 94719 (UC).

***Mammillaria grusonii* subsp. *zeyeriana*** (Haage f. ex K.Schumann) J.Lodé 2013 Comb. et stat. nov.

**Basionym:** *Mammillaria zeyeriana* Haage f. ex K.Schum., Gesamtbeschr. Kakt. 574. (1898) (as *Mamillaria*).

**Type:** extant. Br. & R. comments: Described from Mexican plants; supposed to be of Mexican origin. Probable origin: Durango, Mex.

***Neobesseyia missouriensis* subsp. *asperispina*** (Boedeker) J.Lodé 2013

Comb. nov.

**Basionym** : *Coryphantha asperispina* Boed., Monatsschr. Deutsch. Kakteen-Ges. 1: 192 (1929).

**Type:** not found.

**Synonyms:** *Neobesseyia asperispina* (Boed.) Boed. 1933

*Escobaria asperispina* (Boed.) D.R.Hunt 1978

*Escobaria missouriensis* var. *asperispina* (Boed.) N.P.Taylor 1983

*Escobaria missouriensis* subsp. *asperispina* (Boed.) N.P.Taylor 1998

***Notocactus gauchus*** (M.Machado & Larocca) J.Lodé 2013 Comb. nov.

**Basionym:** *Parodia gaucha* M. Machado & Larocca, Novon 18 (2), 214-219 (2008).

**Type:** Brésil, Rio Grande do Sul, Mun. Encruzilhada do Sul, 90m, M.Machado 865, 27-10-2006. (Hol: ZSS, Iso: HASU, HUEFS, MO).

***Trichocereus serpentinus*** (M.Lowry & M.Mendoza) J.Lodé 2013 Comb. nov.

**Basionym:** *Echinopsis serpentina* M.Lowry & M.Mendoza, Cactus World 29(2): 95, 102 (2011).

**Type:** Bolivie, La Paz, Bautista Saavedra, c. 11 km from Charazani, along the road to Apolo, 3000-3500 m alt., Mendoza 3369 (Hol.: USZ).



***Ferocactus gracilis* ssp. *tortulispinus*, *Lobivia aurea* ssp. *shaferi*, *Mammillaria grusonii* ssp. *zeyeriana***

#### **BIBLIOGRAPHICAL REFERENCES:**

Lowry Martin & Mendoza Moises. 2011. *Echinopsis serpentina*. Cactus World. The Journal of the British Cactus & Succulent Society 29(2): 95, –102; f. 2011.

Marlon C. Machado, Reto Nyffeler, Urs Eggli, and João F. Larocca e Silva. 2008. *A New Species of Parodia (Cactaceae, Notocactaeae) from Rio Grande do Sul, Brazil*. Novon 18 (2), 214-219.

Schlumpberger Boris O. 2012. *New Combinations in the Echinopsis alliance*. Cact. Syst. Init. 28: 31.



#### **Christian Defferrard died.**

Sadly, one of the most discreet, but also of the most charismatic and competent of our self-taught botanists, Christian Defferrard, died in Switzerland, on June 24th, 2013.

Creator of an impressive herbarium of 8000 sheets (bequeathed by himself in September, 2012 to the University of Alicante, Spain), author of several articles, traveller, naturalist and high-level photographer, a great soul flew away to the paradise of naturalists. Goodbye, Christian.