

Comb. Nov. in *Cactaceae* family

Fritz Hochstätter (Germany)

***Escobaria missouriensis* ssp. *marstonii* (Clover) Hochstätter comb. nov.**

Basionym: *Coryphantha marstonii* Clover in Bull. Torrey Bot. Club 65 (6): 412 (fig.6.) 1938. (as *Marstonii*).

Marston Cactus

Type: USA, Utah, E. U. Clover 1909 (Holotype: MICH).

***Escobaria orcuttii* ssp. *koenigii* (Castetter et al.) Hochstätter comb. nov.**

Basionym: *Escobaria orcuttii* var. *koenigii* Castetter et al. Cact. Succ. J. US. 47 (2): 68-69 ill. 1975.

Orcutt Pincushion Cactus, Snowball Beehive Cactus

Typus: USA, New Mexico, Castetter et al. 961 UNM.

***Escobaria orcuttii* ssp. *macraxina* (Castetter et al.) Hochstätter comb. nov.**

Basionym: *Escobaria orcuttii* var. *macraxina* Castetter et al. Cact. Succ. J. US 47 (2): 67. ill. 1975.

Big Hatchet Snowball Cactus

Typus : USA, , New Mexico, Heil 4287 UNM.

***Escobaria vivipara* ssp. *kaibabensis* (Taylor) Hochstätter comb. nov.**

Basionym: *Escobaria vivipara* var. *kaibabensis* (Fischer) Taylor Kuas 34 (6) 139.1983.

Kaibab Plateau Escobaria

Typus : USA, Arizona Coconino County, north-west of Jacob Lake 1890 m, March 1969, Fischer 4094 UC.

***Escobaria vivipara* ssp. *rosea* (Hunt) Hochstätter comb. nov.**

Basionym: *Escobaria vivipara* var. *rosea* (Clokey) Hunt Cact. Succ. J. Gr. Brit. 40 (1). 13. 1978.

Spinystar

Typus : Nevada between Lyle Canyon and Deer Creek 2400 m, June 1938. Clokey 8038.

The results of various study of species of the genera ***Pediocactus*** and ***Sclerocactus*** with documented material led to reclassifications.

Die Ergebnisse diverser Studien von Spezies der Gattungen ***Pediocactus*** und ***Sclerocactus*** mit dokumentiertem Material führten zu Neuklassifikationen.

***Pediocactus bensonii* (Engelmann) Hochstätter comb. nov.**

Basionym: *Echinocactus simpsonii* var. *minor* Engelmann Trans. Acad. Sc. St Louis. 2. 197. 1863.

Benson Pediocactus

Typus : USA, Colorado, near Mt. Vernon. Parry et al. s. n. MO.

Ocurrence: USA, Utah, Colorado, Wyoming, New Mexico. For protection no exact locality details.

Section *Pediocactus* Hochstätter

Pediocactus bensonii is in all aspects smaller as *Pediocactus simpsonii* and is a widespread member of section *Pediocactus*. Occur in higher regions of the Rocky Mountains and is extremely hardy to below - 25 ° C.

This species is named In honour of Lyman Benson, the greatest American cactus researcher of the last century.

***Pediocactus hajekii* Hochstätter stat. nov.**

Hajek Pediocactus

Typus : USA, Oregon. Hochstätter fh 19.7 . SRP. For protection no exact locality details.

Hajek Pediocactus

Is Endangered. Should be included in Appendix I of the Washington Agreement on the Protection of Endangered Species.

Ocurrence: US, Oregon. Endemic.

Section *Pediocactus* Hochstätter

Body solitary, globular 4-10 cm long and diameter, flower cream to yellow, grows in volcanic soil, dominated by low bushes and sparse grasses.

Pediocactus hajekii , member of the Section *Pediocactus*, grows endemically in untouched region in a small population in Oregon.

This species is named In honour of Miloslav Hajek, Třemošná, Czech Republic, cultivator. One of the first growers since 40 years and specialist in the *Cactaceae* family, expert in the genera *Pediocactus* and *Sclerocactus*.

Published in Cactus-Adventures October 2022:

***Pediocactus indranus* (Hochstätter) Hochstätter comb. nov.**

Basionym: *Pediocactus nigrispinus* ssp. *indranus* Hochstätter Cactaceaea Review IRT. 6: 1. 11. 2003.

Indra Pediocactus

Typus : USA, Idaho. 1983 Hoochstatter, fh 4. HBG. For protection no exact locality details.

Is Endangered. Should be included in Appendix I of the Washington Agreement on the Protection of Endangered Species.

Ocurrence: USA, Idaho. Endemic.

Section *Pediocactus* Hochstätter

***Sclerocactus ilseae* (Hochstätter) Hochstätter comb. nov.**

Basionym: *Sclerocactus wetlandicus* var. *ilseae* Succulenta 2: 82-92. 1993.

Ilse Sclerocactus

Typ: USA, Utah. Hochstätter, fh 0700. HBG. For protection no exact locality details.

Is Endangered. Should be included in Appendix I of the Washington Agreement on the Protection of Endangered Species.

Ocurrence: USA, Utah. Endemic.

Section *Mesae-Verdae* Hochstätter

BIBLIOGRAPHICAL REFERENCES:

Benson, L. 1982: The Cacti of the United States and Canada.

Heil , K. D. & Porter, J. M. 1994: *Sclerocactus* (*Cactaceae*) a revision.

Hochstätter, F. 2005: The Genus *Sclerocactus* (*Cactaceae*).

Hochstätter, F. 2007: The Genera *Pediocactus*, *Navajoa*, *Toumeyia* (*Cactaceae*).

Lodé, J. 2015: Taxonomy of the *Cactaceae*. Vol. I, Vol. II..