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**REPERTORIUM PLANTARUM  
SUCCULENTARUM**

**XIV-1963**

*Edited by*

**G. D. ROWLEY**

*assisted by*

**L. E. NEWTON**

January 1965

**UTRECHT — NETHERLANDS**

Published by the International Bureau for Plant Taxonomy and Nomenclature  
of the International Association for Plant Taxonomy



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*Volume 38*

REPERTORIUM PLANTARUM  
SUCCULENTARUM

**XIV**

# REPERTORIUM PLANTARUM SUCCULENTARUM

**An annual index of all new names of succulent plants**

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THE INTERNATIONAL ORGANISATION FOR SUCCULENT PLANT STUDY

L'ORGANISATION INTERNATIONALE DE RECHERCHES  
SUR LES PLANTES SUCCULENTES

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CONTENTS XIV

DESCRIPTIONES NOVAE 1959 (supplement) . . . . .	5
DESCRIPTIONES NOVAE 1961 (supplement) . . . . .	5
DESCRIPTIONES NOVAE 1963 . . . . .	5
ASCLEPIADACEAE . . . . .	5
CACTACEAE . . . . .	5
CRASSULACEAE . . . . .	10
EUPHORBIACEAE . . . . .	11
LILIACEAE . . . . .	11
MESEMBRYANTHEMACEAE . . . . .	11
COMBINATIONES NOVAE 1963 . . . . .	12
ASCLEPIADACEAE . . . . .	12
CACTACEAE . . . . .	12
MESEMBRYANTHEMACEAE . . . . .	18
NOMINA CONFUSA . . . . .	18

## DESCRIPTIONES NOVAE 1959

### (Supplement)

#### Crassulaceae

*Elatae* E. Walther n. ser. (Genus *Echeveria*) in Leafl. West. Bot. **9**: 3, March 1959.

*Longistylae* E. Walther n. ser. (Genus *Echeveria*) in Leafl. West. Bot. **9**: 1, March 1959.

*Pruinosae* E. Walther n. ser. (Genus *Echeveria*) in Leafl. West. Bot. **9**: 2, March 1959.

*Retusae* E. Walther n. ser. (Genus *Echeveria*) in Leafl. West. Bot. **9**: 3, March 1959.

*Urceolatae* E. Walther n. nom. (= ser. *Urbinae* E. Walth.) (Genus *Echeveria*) in Leafl. West. Bot. **9**: 2, March 1959.

## DESCRIPTIONES NOVAE 1961

### (Supplement)

#### Cactaceae

*Mammillaria guiengolensis* Bravo & Mac-Dougall n. sp. in Anal. Inst. Biol. Univ. Mexico **32**: 187–190, 1961.

## DESCRIPTIONES NOVAE 1963

#### Asclepiadaceae

*Caralluma deflersiana* Lavranos n. sp. in J. S. Afr. Bot. **29**: 103, July 1963.

*Caralluma hexagona* Lavranos n. sp. in J. S. Afr. Bot. **29**: 105, July 1963.

*Caralluma solenophora* Lavranos n. sp. in J. S. Afr. Bot. **29**: 107, July 1963.

*Edithcolea grandis* N. E. Br. var. *baylissiana* Lavr. & Hardy n. var. in J. S. Afr. Bot. **29**: 21, Jan. 1963.

*Huernia erectiloba* Leach & Lavranos n. sp. in Kirkia **3**: 38–40, Jan. 1963; Cact. & Succ. J. Gt. Brit. **25**: 47, 56–47, Aug. 1963.

*Huernia hadhramautica* Lavranos n. sp. in J. S. Afr. Bot. **29**: 99, July 1963.

*Huernia marnieriana* Lavranos (Also "*H. marnieri*") n. sp. in J. S. Afr. Bot. **29**: 97, July 1963.

*Stultitia hardyi* Dyer n. sp. in Fl. Pl. Afr. **36**: t. 1403, Dec. 1963.

#### Cactaceae

*Acanthocalycium griseum* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Austrocactus hibernus* Ritter n. sp. in Sukkulentenkunde **VII/VIII**: 34, Sept. 1963.

*Aylostera* (Speg.) Buin. & Don. n. subgen. (Gen. *Rebutia*; Typ. *R. deminuta* Br. & R.) (= *Aylostera* Speg. in Anal. Mus. Nac. Buenos Aires **3**: 488, 1905) in Sukkulentenkunde **VII/VIII**: 98, 101, Sept. 1963.

*Aylostera* Buin & Don. n. sect. (Gen. *Rebutia*; Typ. *R. deminuta* Br. & R.) in Sukkulentenkunde **VII/VIII**: 98, 101, Sept. 1963.

*Borzicactus madisoniorum* Hutchison n. sp. in Cact. & Succ. J. Amer. **35**: 167; Nov.–Dec. 1963.

*Cephalocleistocactus schattatianus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

- Chamaecereus* × *Lobivia* 'Domino' Timmermans n. cv. (As "*Chamaelobivia*" Timm. non Ito; *Chamaecereus silvestrii* Br. & R. × *Lobivia densispina* Werd.) in *Succulenta* 1963: 38, March 1963.
- Chileorebutia duripulpa* Ritter n. sp. illeg. in *Taxon* 12: 123, Apr. 1963.
- Chileorebutia esmeraldana* Ritter n. sp. illeg. in *Taxon* 12: 123, Apr. 1963.
- Chileorebutia malleolata* Ritter n. sp. illeg. in *Taxon* 12: 123, Apr. 1963.
- Chileorebutia malleolata* Ritt. var. *solitaria* Ritter n. var. illeg. in *Taxon* 12: 123, Apr. 1963.
- Cleistocactus mendozae* Cardenas n. sp. in *Cact. & Succ. J. Amer.* 35: 202, Nov.—Dec. 1963.
- Cleistocactus parviflorus* Goss. var. *aiquilensis* Ritter n. var. in *Kakt. u. and. Sukk.* 14: 102, June 1963.
- Cleistocactus viridialabastri* Cardenas n. sp. in *Cact. & Succ. J. Amer.* 35: 201, Nov.—Dec. 1963.
- Cleistocactus viridiflorus* Backeb. n. sp. in *Descr. Cact. Nov. et Comb. Nov.* III: 5, Dec. 1963.
- Copiapoa alticostata* Ritter n. sp. in *Taxon* 12: 29, Jan. 1963.
- Copiapoa carrizalensis* Ritter var. *gigantea* Ritter n. var. in *Taxon* 12: 29, Jan. 1963.
- Copiapoa cinerea* Br. & R. var. *albisipina* Ritter n. var. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa Coquimbana* Br. & R. var. *wagenknechtii* Ritter n. var. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa dura* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa grandiflora* Ritter n. sp. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa krainziana* Ritter n. sp. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa krainziana* Ritter var. *scopolina* Ritter n. var. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa longispina* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa longistaminea* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa mollicula* Ritter n. sp. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa pseudocoquimbana* Ritter n. sp. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa pseudocoquimbana* Ritter var. *vulgata* Ritter n. var. in *Taxon* 12: 30, Jan. 1963.
- Copiapoa rubriflora* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa rupestris* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Copiapoa tenuissima* Ritter n. sp. in *Taxon* 12: 31, Jan. 1963.
- Corryocactus otuyensis* Cardenas n. sp. in *Cactus* 78: 87, Oct. 1963.
- Cylindropuntia rosea* var. *atrorosea* Backeb. n. var. in *Descr. Cact. Nov. et Comb. Nov.* III: 5, Dec. 1963.
- Cylindrorebutia* Buin. & Don. n. sect. (Gen. *Rebutia*; Typ. *R. einsteinii* Fric) in *Sukkulentenkunde* VII/VIII: 98, 101, Sept. 1963.
- Digitorebutia* Buin. & Don. n. sect. (Gen. *Rebutia*; Typ. *R. haagei* Fric & Schelle) in *Sukkulentenkunde* VII/VIII: 98, 102, Sept. 1963.
- Discocactus boliviensis* Backeb. n. sp. in *Descr. Cact. Nov. et Comb. Nov.* III: 5, Dec. 1963.
- Echinocereus matthesianus* Backeb. n. sp. in *Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.
- Echinomastus kakui* Backeb. n. sp. subnud. (? Typ.) in *Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.
- Echinopsis brasiliensis* Fric ex Pazout n. sp. (= *E. brasiliensis* Fric 1933 n. nud.) in *Friciana* 17: 3, 1963.
- Echinopsis lecoriensis* Cardenas n. sp. in *Cact. & Succ. J. Amer.* 35: 158, Sept.—Oct. 1963; 200, Nov.—Dec. 1963.
- Echinopsis pereziensis* Cardenas n. sp. in *Cactus* 78: 88, Oct. 1963.
- Echinopsis sucrensis* Cardenas n. sp. in *Cact. & Succ. J. Amer.* 35: 200, Nov.—Dec. 1963.
- Eulychnia procumbens* Backeb. n. sp. subnud. (? Typ.) (= *E. acida* var. *procumbens* Ritter ined.) in *Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.
- Frailea carminifilamentosa* Kilian n. sp. subnud. (? Typ.) in *Backeberg Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.
- Frailea pullispina* Backeb. n. sp. in *Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.
- Frailea pullispina* var. *atrispina* Backeb. n. var. in *Descr. Cact. Nov. et Comb. Nov.* III: 6, Dec. 1963.



- Frailea pullispina* var. *centrispina* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Frailea uhligiana* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Glandulicactus* (Backeb.) Buxbaum n. subgen. (Gen. *Hamatocactus* Br. & R.; Typ. *Echinocactus uncinatus* Gal.) in Krainz Die Kakteen **C VIIIb**, Nov. 1963.
- Gymnocalycium chiquitanum* Cardenas n. sp. in Cactus **78**: 95, Oct. 1963.
- Gymnocalycium damsii* var. *centrispinum* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Gymnocalycium damsii* var. *rotundulum* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Gymnocalycium damsii* var. *torulosum* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Gymnocalycium damsii* var. *tucavocense* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 6, Dec. 1963.
- Gymnocalycium denudatum* Pfeiff. var. *backebergii* Pazout n. var. ("backebargii", "backerbergii") in Friciana **15**: 6, 1963.
- Gymnocalycium glaucum* Ritter n. sp. in Sukkulantenkunde **VII/VIII**: 37, Sept. 1963.
- Gymnocalycium hammerschmidii* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Gymnocalycium horridispinum* Frank n. sp. in Kakt. u. and. Sukk. **14**: 10, Jan. 1963.
- Gymnocalycium 'Jan Suba'* Pazout n. cv. (*G. denudatum* Pfeiff. var. *backebergii* Paz. × *baldianum* Paz.) in Friciana **15**: 10, 1963.
- Gymnocalycium mihanovichii* Br. & R. var. *albiflorum* Pazout n. var. in Friciana **17**: 5, 1963.
- Haageocerus multicolorispinus* Buin. n. sp. in Sukkulantenkunde **VII/VIII**: 41, Sept. 1963.
- Heteropodium* Backeb. n. subgen. (Gen. *Lepismium* Pfeiff.; Typ. *Lepismium marnierianum* Backeb.) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Islaya krainziana* Ritter n. sp. in Sukkulantenkunde **VII/VIII**: 31, Sept. 1963.
- Lepismium marnierianum* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia camataquiensis* Cardenas n. sp. in Cactus **78**: 90, Oct. 1963.
- Lobivia cintiensis* Card. var. *elongata* Ritter n. var. in Taxon **12**: 124, Apr. 1963.
- Lobivia horrida* Ritter n. sp. in Taxon **12**: 124, Apr. 1963.
- Lobivia miniatiflora* Ritter n. sp. in Taxon **12**: 124, Apr. 1963.
- Lobivia minuta* Ritter n. sp. in Taxon **12**: 124, Apr. 1963.
- Lobivia muhriae* Backeb. n. sp. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia muhriae* Backeb. var. *flaviflora* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia multicostata* Backeb. n. sp. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia neocinnabarina* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia oligotricha* Cardenas n. sp. in Cactus **78**: 91, Oct. 1963.
- Lobivia pseudocinnabarina* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia rigidispina* Backeb. n. sp. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia vanurkiana* Backeb. n. sp. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Lobivia vilcabambae* Ritter n. sp. in Taxon **12**: 124, Apr. 1963.
- Lophocereus schottii* Br. & R. forma *mieckleyanus* Lindsay n. forma in Cact. & Succ. J. Amer. **35**: 184, Nov.—Dec. 1963.
- Lophocereus schottii* Br. & R. var. *tenuis* Lindsay n. var. in Cact. & Succ. J. Amer. **35**: 187, Nov.—Dec. 1963.
- Mammillaria buchenauii* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Mammillaria chavezii* Cowper n. sp. subnud. (? Typ.) (as "chavezii") in Nat. Cact. & Succ. J. **18**: 8, March 1963.
- Mammillaria dixanthocentron* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Mammillaria flavicentra* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.

- Mammillaria kuentziana* Fearn n. sp. subnud. (? Typ.) in Nat. Cact. & Succ. J. **18**: 33, Sept. 1963.
- Mammillaria nana* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Mammillaria pringlei* var. *longicentra* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Mammillaria saint-pieana* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Marginocereus marginatus* var. *oaxacensis* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 8, Dec. 1963.
- Matucana crinifera* Ritter n. sp. in Taxon **12**: 125, Apr. 1963.
- Matucana formosa* Ritter n. sp. in Taxon **12**: 125, Apr. 1963.
- Matucana formosa* Ritt. var. *minor* Ritter n. var. in Taxon **12**: 125, Apr. 1963.
- Matucana intertexta* Ritter n. sp. in Taxon **12**: 125, Apr. 1963.
- Matucana mirabilis* Buin. n. sp. in Sukkulenten-kunde **VII/VIII**: 39, Sept. 1963.
- Matucana paucicostata* Ritter n. sp. in Taxon **12**: 124, Apr. 1963.
- Mediorebutia* Buin. & Don. n. sect. (Gen. *Rebutia*; Typ. *R. calliantha* Bew.) in Sukkulentenkunde **VII/VIII**: 98, 103, Sept. 1963.
- Neochilenia atra* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia deherdtiana* Backeb. n. sp. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia monte-amargensis* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neogomesia* (Cast.) Buxbaum n. subg. (As "Neogomezia"; Gen. *Ariocarpus*; Typ. *A. agavoides* (Cast.) And.) (= *Neogomesia* Cast. in Cact. & Succ. J. Amer. **13**: 98, 1941) in Krainz: Die Kakteen **C VIIIb**, April 1963.
- Neoporteria castanea* Ritter n. sp. in Taxon **12**: 34, Jan. 1963.
- Neoporteria castanea* Ritter var. *tunensis* Ritter n. var. in Taxon **12**: 34, Jan. 1963.
- Neoporteria clavata* Ritter var. *procera* Ritter n. var. in Taxon **12**: 34, Jan. 1963.
- Neoporteria coimasensis* Ritter n. sp. in Taxon **12**: 34, Jan. 1963.
- Neoporteria microsperma* Ritter n. sp. in Succulenta 1963: 6, Jan. 1963.
- Neoporteria microsperma* Ritt. var. *serenana* Ritter n. var. in Succulenta 1963: 6, Jan. 1963.
- Neoporteria multicolor* Ritter n. sp. in Taxon **12**: 33, Jan. 1963.
- Neoporteria planiceps* Ritter n. sp. in Taxon **12**: 34, Jan. 1963.
- Neoporteria robusta* Ritter n. sp. in Taxon **12**: 34, Jan. 1963.
- Neoporteria sociabilis* Ritter n.sp. in Succulenta 1963: 3, Jan. 1963.
- Neoporteria sociabilis* Ritt. var. *napina* Ritter n. var. in Succulenta 1963: 3, Jan. 1963.
- Neoporteria wagenknechtii* Ritter n. sp. in Succulenta 1963: 5, Jan. 1963.
- Neoporteria wagenknechtii* Ritt. var. *napina* Ritter n. var. in Succulenta 1963: 5, Jan. 1963.
- Opuntia horstii* Heinr. n. sp. in Backeberg Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Oroya laxiareolata* var. *pluricentralis* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Parodia atroviridis* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Parodia carrerana* Cardenas n. sp. in Cactus **78**: 93, Oct. 1963.
- Parodia catamarcensis* var. *rubriflorens* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Parodia dextrohamata* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Parodia dextrohamata* var. *stenopetala* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Parodia fechseri* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia fuscato-viridis* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia kilianana* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia maassii* Berg. var. *albescens* Ritter n. var. in Succulenta 1963: 179, Dec. 1963.
- Parodia maassii* Berg. var. *carminatiflora* Ritter n. var. in Succulenta 1963: 179, Dec. 1963.
- Parodia maassii* Berg. var. *intermedia* Ritter n. var. in Succulenta 1963: 179, Dec. 1963.

- Parodia maassii* Berg. var. *shoferi* Ritter n. var. in Succulenta 1963: 179, Dec. 1963.
- Parodia mairanana* var. *atra* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia otaviana* Cardenas n. sp. in Cactus **78**: 94, Oct. 1963.
- Parodia pseudostuemeri* Backeb. n.sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia rauschii* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia rigida* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia rubellihamata* Backeb. n. sp. (= *P. rubellihamata* Ritt. ined.) in Descr. Cact. Nov. et Comb. Nov. **III**: 11, Dec. 1963.
- Parodia rubriflora* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Parodia sanagasta* var. *viridior* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Parodia setosa* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Parodia stuemeri* var. *robustior* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Parodia tafiensis* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Parodia uhligiana* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Peniocereus haackeanus* Backeb. n.sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Peniocereus occidentalis* Bravo n. sp. subnud. (? Typ.) in Cact. y Suc. Mex. **8**: 79, 98; Oct.—Dec. 1963.
- Pygmaeocereus* (?) *densiaculeatus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Pyrrhocactus aricensis* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus atrospinosus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Pyrrhocactus carrizalensis* Ritter n. sp. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus echinus* Ritter n. sp. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus echinus* Ritter var. *minor* Ritter n. var. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus floccosus* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus glaucescens* Ritter n. sp. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus intermedius* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus iquiquensis* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus melanacanthus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Pyrrhocactus pygmaeus* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus residuus* Ritt. & Buin. n. sp. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus rupicolus* Ritter n. sp. in Taxon **12**: 32, Jan. 1963.
- Pyrrhocactus transitensis* Ritter n. sp. in Taxon **12**: 33, Jan. 1963.
- Pyrrhocactus umadeave* var. *marayesensis* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Rebutia albiflora* Ritt. & Buin. n. sp. in Taxon **12**: 29, Jan. 1963.
- Rebutia albipilosa* Ritter n. sp. in Taxon **12**: 29, Jan. 1963.
- Rebutia calliantha* Bew. var. *beryllioides* Buin. & Don. n. var. in Sukkulantenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia costata* Werd. f. *pilifera* Buin. & Don. n. forma in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia graciliflora* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Rebutia kariusiana* Wessner n. sp. in Kakt. u. and. Sukk. **14**: 149, Aug. 1963.
- Rebutia muscula* Ritt. & Thiele n. sp. in Taxon **12**: 29, Jan. 1963.
- Rebutia permutata* Heinr. n. sp. subnud. (? Typ.) in Backeberg Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Rebutia permutata* Heinr. f. *gokrausei* Heinr. n. forma subnud. (? Typ.) in Backeberg Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Rebutia pseudodeminuta* Backeb. f. *rubrifilamentosa* Buin. & Don. n. forma in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia pulvinosa* Ritt. & Buin. n. sp. in Taxon **12**: 29, Jan. 1963.
- Rebutia ritteri* Buin. & Don. f. *hahniana* Buin. & Don. n. forma in Sukkulantenkunde **VII/VIII**: 103, Sept. 1963.

- Rebutia ritteri* Buin. & Don. f. *peterseimii* Buin. & Don. n. forma in Sukkulentenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia rubiginosa* Ritter n. sp. in Taxon **12**: 29, Jan. 1963.
- Rebutia tuberosa* Ritter n. sp. in Taxon **12**: 28, Jan. 1963.
- Rhodocactus antonianus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Seticleistocactus* Backeb. n. gen. (Typ. *S. piraymirensis* (Card.) Backeb.) in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Setiechinopsis mirabilis* var. *gracilior* Backeb. n. var. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Setirebutia* Buin. & Don. n. sect. (Gen. *Rebutia*; Typ. *R. aureiflora* Backeb.) in Sukkulentenkunde **VII/VIII**: 98, 100, Sept. 1963.
- Sulcorebutia tiraquensis* var. *electracantha* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus alboareolatus* Ritt. n. sp. in Backeberg Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus catacanthus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus colereus* Ritt. n. sp. in Backeberg Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus curvispinus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus flexispinus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus glomeratus* var. *atratospinus* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus glomeratus* var. *longispinus* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Tephrocactus hegenbartianus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Tephrocactus longiarticulatus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Tephrocactus melanacanthus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Tephrocactus parvisetus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Tephrocactus sphaericus* var. *glancinus* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Trichocereus candicans* var. *roseoflorus* Backeb. n. var. subnud. (? Typ.) in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Trichocereus escayachensis* Cardenas n. sp. in Cact. & Succ. J. Amer. **35**: 157, Sept.—Oct. 1963.
- Trichocereus randallii* Cardenas n. sp. in Cact. & Succ. J. Amer. **35**: 158, Sept.—Oct. 1963.
- Trichocereus rubinghianus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Turbnicarpus roseiflorus* Backeb. n. sp. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
- Weberocereus trichophorus* Johnson & Kimmach n. sp. in Cact. & Succ. J. Amer. **35**: 203, Nov.—Dec. 1963.
- Weingartia neumanniana* var. *aurantia* Backeb. n. var. in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.

### Crassulaceae

- Crassula* 'Klein Duimpje' Ruysch n. cv. (= *C. marnieriana* Hub. & Jac. × *brevifolia* Harv.) in Succulenta 1963: 106, July 1963.
- Crassula portulacea* Lam. 'Blauwe Vogel' Boom n. cv. in Succulenta 1963: 83, June 1963.
- Echeveria omiltemiana* Matuda n. sp. in Cact. y Suc. Mex. **8**: 96, 100; Oct.—Dec. 1963.
- Echeveria* Series *Valvatae* Moran, n. ser. (Typ. *E. valvata* Moran) in Cact. & Succ. J. Amer. **35**: 156, Sept.—Oct. 1963.
- Echeveria valvata* Moran n. sp. in Cact. & Succ. J. Amer. **35**: 152, Sept.—Oct. 1963.
- Kalanchoe exelli* Hamet n. sp. in Bol. Soc. Brot. **37**: 14, 1963.
- Kalanchoe hametorum* Hamet n. sp. in Bol. Soc. Brot. **37**: 19, 1963.
- Kalanchoe salazari* Hamet n. sp. in Bol. Soc. Brot. **37**: 5, 1963.
- Pachyphytum coeruleum* Meyran n. sp. in Cact. y Suc. Mex. **8**: 86, 99, Oct.—Dec. 1963.
- Pachyphytum glutinicaule* Moran n. sp. in Cact. & Succ. J. Amer. **35**: 37, Mar.—Apr. 1963.

## Euphorbiaceae

- Euphorbia ballyi* Carter n. sp. in Fl. Pl. Afr. 36: t. 1408, Dec. 1963.  
*Euphorbia cylindrifolia* M. L. & Rauh subsp. *tuberifera* Rauh n. ssp. in Kakt. u. and. Sukk. 14: 6, Jan. 1963.

## Liliaceae

- Aloe keayi* Reynolds n. sp. in J. S. Afr. Bot. 29: 43, April 1963.  
*Aloe rauhii* Reynolds n. sp. in J. S. Afr. Bot. 29: 151, Oct. 1963.

## Mesembryanthemaceae

- Argyroderma hallii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 136, July 1963.  
*Astridia dulcis* L. Bol. n. sp. in J. S. Afr. Bot. 29: 173, Oct. 1963.  
*Astridia swartpoortensis* L. Bol. n. sp. in J. S. Afr. Bot. 29: 137, July 1963.  
*Cephalophyllum baylissii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 136, July 1963.  
*Cephalophyllum insigne* L. Bol. n. sp. in J. S. Afr. Bot. 29: 174, Oct. 1963.  
*Cephalophyllum middlemostii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 174, Oct. 1963.  
*Cheiridopsis vanbredai* L. Bol. n. sp. in J. S. Afr. Bot. 29: 11, Jan. 1963.  
*Conophytum anomalum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 46, Apr. 1963.  
*Conophytum areolatum* Littlewood n. sp. subnud. (sine Typ.) in J. S. Afr. Bot. 29: 139, July 1963.  
*Conophytum astylum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 135, July 1963.  
*Conophytum boreale* L. Bol. n. sp. in J. S. Afr. Bot. 29: 135, July 1963.  
*Conophytum christiansenianum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 12, Jan. 1963.  
*Conophytum francisci* L. Bol. n. sp. in J. S. Afr. Bot. 29: 131, July 1963.  
*Conophytum geyeri* L. Bol. n. sp. in J. S. Afr. Bot. 29: 133, July 1963.  
*Conophytum gonapense* L. Bol. n. sp. in J. S. Afr. Bot. 29: 134, July 1963.  
*Conophytum gonapense* L. Bol. var. *numeesicum* L. Bol. n. var. in J. S. Afr. Bot. 29: 173, Oct. 1963.  
*Conophytum graciliramosum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 171, Oct. 1963.

- Conophytum nordenstamii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 171, Oct. 1963.  
*Conophytum subcylindricum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 133, July 1963.  
*Conophytum sulcatum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 132, July 1963.  
*Conophytum supremum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 172, Oct. 1963.  
*Conophytum tumidum* N. E. Br. var. *asperulum* L. Bol. n. var. in J. S. Afr. Bot. 29: 173, Oct. 1963.  
*Conophytum ursprungianum* Tisch. var. *stayneri* L. Bol. n. var. in J. S. Afr. Bot. 29: 45, Apr. 1963.  
*Conophytum vanbredai* L. Bol. n. sp. in J. S. Afr. Bot. 29: 131, July 1963.  
*Dactyloopsis littlewoodii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 11, Jan. 1963.  
*Delosperma waterbergense* L. Bol. n. sp. in J. S. Afr. Bot. 29: 48, Apr. 1963.  
*Drosanthemum filiforme* L. Bol. n. sp. in J. S. Afr. Bot. 29: 13, Jan. 1963.  
*Eberlanzia vanheerdei* L. Bol. n. sp. in J. S. Afr. Bot. 29: 14, Jan. 1963.  
*Lampranthus gydouwensis* L. Bol. n. sp. in J. S. Afr. Bot. 29: 13, Jan. 1963.  
*Lithops gracilidelineata* Dint. var. *waldronae* De Boer n. var. in Succulenta 1963: 20, Feb. 1963.  
*Lithops julii* N. E. Br. var. *littlewoodii* De Boer n. var. in Succulenta 1963: 36, March 1963.  
*Lithops pseudotruncatella* N. E. Br. var. *brandbergensis* De Boer n. var. in Succulenta 1963: 53, April 1963.  
*Ophthalmophyllum noctiflorum* L. Bol. n. sp. in J. S. Afr. Bot. 29: 135, July 1963.  
*Psilocaulon baylissii* L. Bol. n. sp. in J. S. Afr. Bot. 29: 47, Apr. 1963.  
*Psilocaulon herrei* L. Bol. n. sp. in J. S. Afr. Bot. 29: 47, Apr. 1963.  
*Rhinophyllum vanheerdei* L. Bol. n. sp. in J. S. Afr. Bot. 29: 16, Jan. 1963.  
*Ruschia klipbergensis* L. Bol. n. sp. in J. S. Afr. Bot. 29: 175, Oct. 1963.  
*Ruschia persistens* L. Bol. n. sp. in J. S. Afr. Bot. 29: 16, Jan. 1963.  
*Ruschia turneriana* L. Bol. n. sp. in J. S. Afr. Bot. 29: 175, Oct. 1963.  
*Ruschia vanheerdei* L. Bol. n. sp. in J. S. Afr. Bot. 29: 15, Jan. 1963.

*Sphalmanthus baylissii* L. Bol. n. sp. in J. S. Afr. Bot. **29**: 45, Apr. 1963.

*Sphalmanthus crassus* L. Bol. n. sp. in J. S. Afr. Bot. **29**: 18, Jan. 1963.

*Sphalmanthus praecox* L. Bol. n. sp. in J. S. Afr. Bot. **29**: 176, Oct. 1963.

*Trichodiadema burgeri* L. Bol. n. sp. in J. S. Afr. Bot. **29**: 17, Jan. 1963.

## COMBINATIONES NOVAE 1963

### Asclepiadaceae

*Echidnopsis ballyi* (M.L.) Bally n. comb. (= *Stapeliopsis ballyi* Marn.-Lap. in Cactus **65**: 186, 1959) in Kakt. u. and. Sukk. **14**: 190, Oct. 1963.

*Echidnopsis squamulata* (Dec.) Bally n. comb. (= *Ceropegia squamulata* Decaisne in Ann. Sci. Nat. Bot. Paris Ser. II, **9**: 263, 1938) in Kakt. u. and. Sukk. **14**: 173, Sept. 1963.

### Cactaceae

*Acanthocereus princeps* (Pfeiff.) Backeb. n. comb. (= *Cereus princeps* Pfeiff. in Enum. Diagn. Cact. 108, 1837) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Arequipa haynii* (Otto) Krainz n. comb. (= *Echinocactus haynii* Otto in Salm-Dyck Cact. Hort. 1849: 32, 165, 166; 1850; *Cereus haynii* Croucher; *Matucana haynii* Br. & R.; *Borzicactus haynii* Kimmach) in Die Kakteen **C Vb**, Nov. 1963.

*Arequipa haynii* (Otto) Krainz var. *erectipetala* (Rauh & Back.) Krainz n. comb. (= *Matucana haynii* Br. & R. var. *erectipetala* Rauh & Back. in Backeberg Descr. Cact. Nov. 18, 1956) in Die Kakteen **C Vb** Nov. 1963.

*Austrocactus philippii* (Reg. & Schmidt) Buxb. & Ritt. n. comb. (= *Cereus philippii* Regel & Schmidt in Gartenflora **31**: 98, 1892; *Echinocactus philippii* Schum.; *Echinopsis philippii* Nich.; *Erdisia philippii* Br. & R.) in Sukkulantenkunde **VII/VIII**: 11, 35, Sept. 1963.

*Austrocactus spiniflorus* (Phil.) Ritter n. comb. (= *Opuntia spiniflora* Philippi in Linnaea **30**: 211, 1859; *Erdisia spiniflora* Br. & R.) in Sukkulantenkunde **VII/VIII**: 35, Sept. 1963.

*Aylostera albiflora* (Ritt.) Backeb. n. comb. (= *Rebutia albiflora* Ritt. in Taxon **12**: 29, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Aylostera albipilosa* (Ritt.) Backeb. n. comb. (= *Rebutia albipilosa* Ritt. in Taxon **12**: 29, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Aylostera muscula* (Ritt. & Thiele) Backeb. n. comb. (= *Rebutia muscula* Ritt. & Thiele in Taxon **12**: 29, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Aylostera pulvinosa* (Ritt. & Buin.) Backeb. n. comb. (= *Rebutia pulvinosa* Ritt. & Buin. in Taxon **12**: 29, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Aylostera rubiginosa* (Ritt.) Backeb. n. comb. (= *Rebutia rubiginosa* Ritt. in Taxon **12**: 29, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Aylostera tuberosa* (Ritt.) Backeb. n. comb. (= *Rebutia tuberosa* Ritt. in Taxon **12**: 28, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Borzicactus pseudothelegonus* Rauh & Backeb. n. comb. (= *Cereus pseudothelegonus* Rauh & Backeb. in Backeberg Die Cactaceae **2**: 1136, 1959) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Cleistocactus parviflorus* var. *herzogianus* Backeb. n. comb. (= *C. herzogianus* Backeb. in Blatt. f. Kakteenf. 1934: 6) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.

*Corryocactus apiciflorus* (Vaup.) Hutch. n. comb. (= *Cereus apiciflorus* Vaupel in Bot. Jahrb. **50** Beibl. III: 15, 1913; *Erdisia apiciflora* Werd.) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.

*Corryocactus aureus* (Meyen) Hutch. n. comb. (= *Cactus aureus* Meyen in Reise **1**: 447, 1834; *Cereus aureus* Meyen non S.D.; *Echinocactus aureus* Meyen; *Cleistocactus aureus* Weber; *Erdisia meyenii* Br. & R.) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.

*Corryocactus maximus* (Backeb.) Hutch. n. comb. (= *Erdisia maxima* Backeb. in Fedde Repert. **51**: 62, 1952) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.

*Corryocactus spiniflorus* (Phil.) Hutch. n. comb. (= *Opuntia spiniflora* Philippi in Linnaea **30**: 211, 1859; *Erdisia spiniflora* Br. & R.) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.

- Corryocactus squarrosus* (Vaup.) Hutch. n. comb. (= *Cereus squarrosus* Vaupel in Bot. Jahrb. **50** Beibl. III: 21, 1913; *Erdisia squarrosa* Br. & R.) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.
- Corryocactus tenuiculus* (Backeb.) Hutch. n. comb. (= *Erdisia tenuicula* Backeb. in Descr. Cact. Nov. 12, 1956) in Sukkulantenkunde **VII/VIII**: 9, Sept. 1963.
- Cryptocereus rosei* (Kimm.) Backeb. n. comb. (= *Eccremocactus rosei* Kimmach in Cact. & Succ. J. Amer. **34**: 80, 1962) in Descr. Cact. Nov. et Comb. Nov. **III**: 5, Dec. 1963.
- Haageocereus versicolor* Backeb. f. *aureispinus* (Backeb.) Krainz n. comb. (= *Haageocereus versicolor* Backeb. var. *aureispinus* Backeb. in Cact. & Succ. J. Amer. **23**: 47, 1951) in Die Kakteen **C Va**, Nov. 1963.
- Haageocereus versicolor* Backeb. f. *fuscus* (Backeb.) Krainz n. comb. (= *Haageocereus versicolor* Backeb. var. *fuscus* Backeb. in Fedde Repert. **51**: 62, 1942) in Die Kakteen **C Va**, Nov. 1963.
- Haageocereus versicolor* Backeb. f. *lasiacanthus* (Werd. & Back.) Krainz n. comb. (= *Cereus versicolor* Werd. & Back. var. *lasiacanthus* Werd. & Back. in Backeb. Neue Kakteen: 81, 1931; *Haageocereus versicolor* Backeb. var. *lasiacanthus* Backeb.) in Die Kakteen **C Va**, Nov. 1963.
- Horridocactus carrizalensis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus carrizalensis* Ritt. in Taxon **12**: 33, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Horridocactus echinus* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus echinus* Ritt. in Taxon **12**: 33, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 7 Dec. 1963.
- Lobivia acanthoplegma* Backeb. n. comb. (= *Pseudolobivia acanthoplegma* Backeb. in Die Cactaceae **6**: 3726, 1962) in Descr. Cact. Nov. et Comb. Nov. **III**: 7, Dec. 1963.
- Lobivia densispina* Werd. var. *densispina* f. *blossfeldii* (Wessn.) Buin. n. comb. (= *L. densispina* var. *blossfeldii* Wessner in Cactaceae Jahrb. DKG **2**: 18, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *densispina* f. *leucomalla* (Wessn.) Buin. n. comb. (= *L. leucomalla* Wessner in Beitr. z. Sukk. u. Pfl. **1**: 1–3, 1938) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *densispina* f. *sanguinea* (Wessn.) Buin. n. comb. (= *L. densispina* var. *sanguinea* Wessner in Cactaceae Jahrb. DKG **2**: 18, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *densispina* f. *setosa* (Backeb.) Buin. n. comb. (= *L. famatimensis* var. *setosa* Backeb. in Descr. Cact. Nov. 29, 1956) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* (Fric) Buin. n. comb. (= *Hymenorebutia kreuzingeri* Fric ex Buining in Succulenta 1939: 104–106) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *albiflora* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *albiflora* Wessn. in Cactaceae Jahrb. DKG **2**: 13, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *albolanata* Buin. n. comb. (= *Hymenorebutia albolanata* Buining in Succulenta 1941: 57–60) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *aurantiaca* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *aurantiaca* Wessn. in Cactaceae Jahrb. DKG **2**: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *cinnabarina* (Backeb.) Buin. n. comb. (= *L. pectinifera* var. *cinnabarina* Wessner in Cactaceae Jahrb. DKG **2**: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *citriflora* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *citriflora* Wessner in Cactaceae Jahrb. DKG **2**: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *eburnea* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *eburnea* Wessner in Cactaceae Jahrb. DKG **2**: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *haematantha* (Backeb.) Buin. n. comb. (= *L. pectinifera* var. *haematantha* Wessner in Cactaceae Jahrb. DKG **2**: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *pectinifera* (Wessn.) Buin. n. comb. (= *L. pectinifera* Wessn. in Cactaceae Jahrb. DKG **2**: 13, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.

- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *subcarnea* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *subcarnea* Wessner in Cactaceae Jahrb. DKG 2: 16, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *kreuzingeri* Buin. f. *sufflava* (Wessn.) Buin. n. comb. (= *L. pectinifera* var. *sufflava* Wessner in Cactaceae Jahrb. DKG 2: 15, 1940) in Sukkulantenkunde **VII/VIII**: 96, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* (Backeb.) Buin. n. comb. (= *L. rebutioides* Backeb. in Blatt. f. Kakt. 1934: 16) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *chlorogona* (Wessn.) Buin. n. comb. (= *L. chlorogona* Wessner in Cactaceae Jahrb. DKG 2: 16, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *citriniflora* (Backeb.) Buin. n. comb. (= *L. rebutioides* var. *citriniflora* Backeb. in Blatt. f. Kakt. 1934: 12) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *cupreoviridis* (Wessn.) Buin. n. comb. (= *L. chlorogona* var. *cupreoviridis* Wessner in Cactaceae Jahrb. DKG 2: 17, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *kraussiana* (Backeb.) Buin. n. comb. (= *L. rebutioides* var. *kraussiana* Backeb. in Deutsch. Gart. 1949: 7) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *purpureostoma* (Wessn.) Buin. n. comb. (= *L. chlorogona* var. *purpureostoma* Wessner in Cactaceae Jahrb. DKG 2: 17, 1940) in Sukkulantenkunde **VII/VIII**: 95, 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *rubroviridis* (Wessn.) Buin. n. comb. (= *L. chlorogona* var. *rubroviridis* Wessner in Cactaceae Jahrb. DKG 2: 16, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *sublimiflora* (Backeb.) Buin. n. comb. (= *L. sublimiflora* Backeb. ex Wessner in Cactaceae Jahrb. DKG 2: 17–18, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *versicolor* (Wessn.) Buin. n. comb. (= *L. chlorogona* var. *versicolor* Wessner in Cactaceae Jahrb. DKG 2: 17, 1940) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Lobivia densispina* Werd. var. *rebutioides* Buin. f. *wessneriana* (Fritz.) Buin. n. comb. (= *L. wessneriana* Fritzen in Kakteenk. 1940: 34) in Sukkulantenkunde **VII/VIII**: 95, Sept. 1963.
- Mammillaria coahuilensis* (Boed.) Moran var. *albiflora* (Boed.) Boom & Wouters n. comb. (= *Porfiria schwartzii* Boed. var. *albiflora* Boed. in Zeitschr. f. Sukkulantenk. 2: 213, 1925) in Succulenta 1963: 163, Nov. 1963.
- Neochilenia aricensis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus aricensis* Ritt. in Taxon 12: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia calderana* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus calderanus* Ritt. in Succulenta 1961: 13) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia confinis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus confinis* Ritt. in Succulenta 1961: 4) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia dimorpha* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus dimorphus* Ritt. in Succulenta 1962: 3) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia duripulpa* (Ritt.) Backeb. n. comb. (= *Chileorebutia duripulpa* Ritt. in Taxon 12: 123, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia esmeraldana* (Ritt.) Backeb. n. comb. (= *Chileorebutia esmeraldana* Ritt. in Taxon 12: 123, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia floccosa* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus floccosus* Ritt. in Taxon 12: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia glaucescens* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus glaucescens* Ritt. in Taxon 12: 33, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia gracilis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus gracilis* Ritt. in Succulenta 1962: 129) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia huascensis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus huascensis* Ritt. in Succulenta 1961: 57) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia intermedia* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus intermedius* Ritt. in Taxon 12: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.



- Neochilenia iquiquensis* (Ritt.) Backeb. n. comb. (= *Chileorebutia iquiquensis* Ritt. in Taxon **12**: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia malleolata* (Ritt.) Backeb. n. comb. (= *Chileorebutia malleolata* Ritt. in Taxon **12**: 123, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia malleolata* Backeb. var. *solitaria* (Ritt.) Backeb. n. comb. (= *Chileorebutia malleolata* var. *solitaria* Ritt. in Taxon **12**: 123, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia pilispina* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus pilispinus* Ritt. in Succulenta 1962: 42) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia pygmaea* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus pygmaeus* Ritt. in Taxon **12**: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 9, Dec. 1963.
- Neochilenia recondita* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus reconditus* Ritt. in Succulenta 1962: 27) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia residua* (Ritt. & Buin.) Backeb. n. comb. (= *Pyrrhocactus residuus* Ritt. & Buin. in Taxon **12**: 33, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia rupicola* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus rupicolus* Ritt. in Taxon **12**: 32, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia scoparia* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus scoparius* Ritt. in Succulenta 1962: 51) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia setosiflora* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus setosiflorus* Ritt. in Succulenta 1962: 70) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia setosiflora* Backeb. var. *intermedia* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus setosiflorus* var. *intermedius* Ritt. in Succulenta 1962: 70) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia simulans* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus simulans* Ritt. in Succulenta 1961: 35) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia totoralensis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus totoralensis* Ritt. in Succulenta 1961: 131) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Neochilenia transitensis* (Ritt.) Backeb. n. comb. (= *Pyrrhocactus transitensis* Ritt. in Taxon **12**: 33, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 10, Dec. 1963.
- Oreocereus hendriksenianus* Backeb. forma *densilanatus* (Rauh & Backeb.) Krainz n. comb. (= *Oreocereus hendriksenianus* Backeb. var. *densilanatus* Rauh & Backeb. in Backeb. Descr. Cact. Nov. 17, 1956.) in Die Kakteen **C Vb**, April 1963.
- Oreocereus hendriksenianus* Backeb. forma *spinosissimus* (Rauh & Backeb.) Krainz n. comb. (= *Oreocereus hendriksenianus* Backeb. var. *spinosissimus* Rauh & Backeb. in Backeb. Descr. Cact. Nov. 17, 1956.) in Die Kakteen **C Vb**, April 1963.
- Oroya borchersii* Backeb. f. *fuscata* (Rauh & Backeb.) Krainz n. comb. (= *O. borchersii* var. *fuscata* Rauh & Backeb. in Backeberg Descr. Cact. Nov. 32, 1956) in Die Kakteen **C Vb**, Sept. 1963.
- Parodia schwebsiana* Backeb. f. *applanata* (Hoffm. & Backeb.) Krainz n. comb. (= *P. schwebsiana* Backeb. var. *applanata* Hoffm. & Backeb. in Backeberg Die Cactaceae **3**: 1598, 1959) in Die Kakteen **C VIe**, Sept. 1963.
- Parodia schwebsiana* Backeb. f. *salmonea* (Backeb.) Krainz n. comb. (= *P. schwebsiana* Backeb. var. *salmonea* Backeb. in Backeberg & Knuth Kaktus ABC: 272, 1935) in Die Kakteen **C VIe**, Sept. 1963.
- Pediocactus bradyi* Bens. var. *knowltonii* (Bens.) Backeb. n. comb. (= *P. knowltonii* Benson in Cact. & Succ. J. Amer. **32**: 193, 1960) in Descr. Cact. Nov. et Comb. Nov. **III**: 12, Dec. 1963.
- Pyrrhocactus setiflorus* Backeb. n. nom. (= *P. setosiflorus* Backeb. in Die Cactaceae **6**: 3745, July 1962, non Ritter in Succulenta June 1962: 70) in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.
- Rebutia aurantida* (Wessn.) Buin. & Don. n. comb. (= *Lobivia aurantida* Wessner in Kakt. u. a. Sukk. **9**: 130, 207, 1937; *Mediolobivia aurantida* var. *flaviflora* Backeb.) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1953.
- Rebutia aurantida* Buin. & Don. f. *gracilis* (Wessn.) Buin. & Don. n. comb. (= *Lobivia aurantida* var. *gracilis* Wessner in Kakt. u. a. Sukk. **9**: 130, 1937) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.

- Rebutia aureiflora* Backeb. var. *aureiflora* f. *rubelliflora* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia rubelliflora* Backeb. in Kaktus ABC: 415, 1935) in Sukkulantenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia aureiflora* Backeb. var. *aureiflora* f. *rubriflora* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia rubriflora* Backeb. in Kaktus ABC: 415, 1935; *Rebutia blossfeldii* Werd.; *Medioblobivia blossfeldii* vars. *compactiflora* & *nigrilongiseta* Wessn.; *M. kesselringiana* Cullm.) in Sukkulantenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia aureiflora* Backeb. var. *aureiflora* f. *sarothroides* (Werd.) Buin. & Don. n. comb. (= *R. sarothroides* Werd. in Bluh. Kakt. u. a. Sukk. t. 106, 1936) in Sukkulantenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia aureiflora* Backeb. var. *elegans* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia elegans* Backeb. in Blatt. f. Kakt. 1934: 9) in Sukkulantenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia brachyantha* (Wessn.) Buin. & Don. n. comb. (= *Lobivia brachyantha* Wessner in Kakt. u. a. Sukk. 1937: 207) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia calliantha* Bew. var. *beryllioides* Buin. & Don. f. *breviseta* (Backeb.) Buin. & Don. n. comb. (= *R. senilis* var. *breviseta* Backeb. in Kaktus ABC: 416, 1935) in Sukkulantenkunde **VII/VIII**: 104, Sept. 1963.
- Rebutia calliantha* Bew. var. *calliantha* f. *hyalacantha* (Backeb.) Buin. & Don. n. comb. (= *R. senilis* var. *hyalacantha* Backeb. in Kakteenfr. 1932: 131; *R. wessneriana* Bew.; *R. hyalacantha* Backeb.) in Sukkulantenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia calliantha* Bew. var. *krainziana* (Kess.) Buin. & Don. n. comb. (= *R. krainziana* Kesselring in Sukkulantenkunde **II**: 23, 1928) in l. c. **VII/VIII**: 103, Sept. 1963.
- Rebutia costata* Werd. f. *eucaliptana* (Backeb.) Buin. & Don. n. comb. (= *Lobivia eucaliptana* Backeb. in Kaktus ABC: 414, 1935) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia deminuta* Br. & R. f. *pseudominuscula* (Speg.) Buin. & Don. n. comb. (= *Echinocactus pseudominusculus* Speg. in Anal. Mus. Nac. Buenos Aires **3**: 488, 1905) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia einsteinii* Fric var. *columnaris* (Wessn.) Buin. & Don. n. comb. (= *Lobivia columnaris* Wessner in Sukkulantenk. u. Pfl. 1940: 4) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia einsteinii* Fric var. *conoidea* (Wessn.) Buin. & Don. n. comb. (= *Lobivia conoidea* Wessner in Beitr. Sukk. u. Pfl. 1940: 3) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia einsteinii* Fric var. *einsteinii* f. *schmiedcheniana* (Kohl.) Buin. & Don. n. comb. (= *Lobivia schmiedcheniana* Kohler in Beitr. Sukk. u. Pfl. 1939: 37) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1936.
- Rebutia einsteinii* Fric var. *rubroviridis* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia schmiedcheniana* var. *rubroviridis* Backeb. in Descr. Cact. Nov. 30, 1956) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia einsteinii* Fric var. *steineckeii* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia schmiedcheniana* var. *steineckeii* Backeb. in Descr. Cact. Nov. 30, 1956) in Sukkulantenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia euanthema* (Backeb.) Buin. & Don. n. comb. (= *Lobivia euanthema* Backeb. in Blatt. f. Kakt. 1934: 2) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia euanthema* Buin. & Don. f. *fricii* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia euanthema* var. *fricii* Backeb. in Descr. Cact. Nov. 30, 1956) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia euanthema* Buin. & Don. f. *neopygmaea* (Backeb.) Buin. & Don. n. comb. (= *Medioblobivia neopygmaea* Backeb. in Descr. Cact. Nov. 30, 1956) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia euanthema* Buin. & Don. f. *oculata* (Werd.) Buin. & Don. n. comb. (= *R. oculata* Werd. in Bluh. Kakt. u. a. Sukk. t. 99, 1935) in Sukkulantenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia marsoneri* Werd. f. *sieperdaiana* (Buin.) Buin. & Don. n. comb. (= *R. sieperdaiana* Buining in Succulenta **23**: 15, 1941) in Sukkulantenkunde **VII/VIII**: 103, Sept. 1963.

- Rebutia minuscula* Schum. var. *minuscula* f. *knuthiana* (Backeb.) Buin. & Don. n. comb. (= *R. knuthiana* Backeb. in Kaktus ABC: 416, 1935) in Sukkulentenkunde **VII/VIII**: 99, Sept. 1963.
- Rebutia minuscula* Schum. var. *minuscula* f. *violaciflora* (Backeb.) Buin. & Don. n. comb. (= *R. violaciflora* Backeb. in Blatt. f. Kakt. 1935: 8; *R. carminea* Buin.) in Sukkulentenkunde **VII/VIII**: 99, Sept. 1963.
- Rebutia pseudodeminuta* Backeb. f. *albiseta* (Backeb.) Buin. & Don. n. comb. (= *Aylostera pseudodeminuta* var. *albiseta* Backeb. in Cact. & Succ. J. Amer. **23**: 82, 1951) in Sukkulentenkunde **VII/VIII**: 101, Sept. 1963.
- Rebutia pseudodeminuta* Backeb. f. *grandiflora* (Backeb.) Buin. & Don. n. comb. (= *Aylostera pseudodeminuta* var. *grandiflora* Backeb. in Cact. & Succ. J. Amer. **23**: 82, 1951) in Sukkulentenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia pseudodeminuta* Backeb. f. *schneideriana* (Backeb.) Buin. & Don. n. comb. (= *Aylostera pseudodeminuta* var. *schneideriana* Backeb. in Cact. & Succ. J. Amer. **23**: 82, 1951) in Sukkulentenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia pygmaea* Br. & R. f. *atrovirens* (Backeb.) Buin. & Don. n. comb. (= *Lobivia atrovirens* Backeb. in Kaktus ABC: 414, 1935) in Sukkulentenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia pygmaea* Br. & R. f. *flavovirens* (Backeb.) Buin. & Don. n. comb. (= *Mediolobivia haagei* var. *flavovirens* Backeb. in Cact. & Succ. J. Amer. **23**: 82, 1961) in Sukkulentenkunde **VII/VIII**: 102, Sept. 1963.
- Rebutia pygmaea* Br. & R. f. *fuauxiana* (Backeb.) Buin. & Don. n. comb. (= *Mediolobivia fuauxiana* Backeb. in Descr. Cact. Nov. 31, 1956) in Sukkulentenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia pygmaea* Br. & R. f. *haefneriana* (Cullm.) Buin. & Don. n. comb. (= *Mediolobivia haefneriana* Cullmann in Kakt. u. a. Sukk. **6**: 119, 1955) in Sukkulentenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia ritteri* (Wessn.) Buin. & Don. n. comb. (= *Lobivia ritteri* Wessner in Beitr. z. Sukk. u. Pfl. 1938: 3) in Sukkulentenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia ritteri* Buin. & Don. var. *nigricans* (Wessn.) Buin. & Don. n. comb. (= *Lobivia nigricans* Wessner in Beitr. z. Sukk. u. Pfl. 1938: 51) in Sukkulentenkunde **VII/VIII**: 103, Sept. 1963.
- Rebutia senilis* Backeb. var. *chrysacantha* Don. f. *elegans* (Backeb.) Buin. & Don. n. comb. (= *R. xanthocarpa* var. *elegans* Backeb. in Cact. & Succ. J. Amer. **23**: 83, 1951) in Sukkulentenkunde **VII/VIII**: 99, Sept. 1963.
- Rebutia senilis* Backeb. var. *chrysacantha* Don. f. *iseliniana* (Krainz) Buin. & Don. n. comb. (= *R. senilis* var. *iseliniana* Krainz in Schweizer Garten 1946: 284) in Sukkulentenkunde **VII/VIII**: 99, Sept. 1963.
- Rebutia senilis* Backeb. var. *chrysacantha* Don. f. *kesselringiana* (Bew.) Buin. & Don. n. comb. (= *R. senilis* var. *kesselringiana* Bewerung in Sukkulentenkunde **I**: 9, 1947) in l.c. **VII/VIII**: 100, Sept. 1963.
- Rebutia senilis* Backeb. var. *senilis* f. *lilacino-rosea* (Backeb.) Buin. & Don. n. comb. (= *R. senilis* var. *lilacino-rosea* Backeb. in Kaktus ABC: 416, 1935) in Sukkulentenkunde **VII/VIII**: 99, Sept. 1963.
- Rebutia senilis* Backeb. var. *senilis* f. *stuemeri* (Backeb.) Buin. & Don. n. comb. (= *R. xanthocarpa* var. *citricarpa* Backeb. in Cact. & Succ. J. Amer. **23**: 83, 1951) in Sukkulentenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia xanthocarpa* Backeb. f. *citricarpa* Buin. & Don. n. comb. (= *R. xanthocarpa* var. *citricarpa* Backeb. in Cact. & Succ. J. Amer. **23**: 83, 1951) in Sukkulentenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia xanthocarpa* Backeb. f. *dasyphrissa* (Werd.) Buin. & Don. n. comb. (= *R. dasyphrissa* Werd. in Bluh. Kakt. u. a. Sukk. t. 103, 1935; *R. xanthocarpa* var. *coerulescens* Backeb.) in Sukkulentenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia xanthocarpa* Backeb. f. *salmonea* (Backeb.) Buin. & Don. n. comb. (= *R. xanthocarpa* var. *salmonea* Backeb. in Cact. & Succ. J. Amer. **23**: 83, 1951) in Sukkulentenkunde **VII/VIII**: 100, Sept. 1963.
- Rebutia xanthocarpa* Backeb. f. *violaciflora* (Backeb.) Buin. & Don. n. comb. (= *R. xanthocarpa* var. *violaciflora* Backeb. in Descr. Cact. Nov. 31, 1956) in Sukkulentenkunde **VII/VIII**: 100, Sept. 1963.
- Seticleistocactus piraymirensis* (Card.) Backeb. n. comb. (= *Cleistocactus piraymirensis* Card. in Cact. & Succ. J. Amer. **33**: 78, 1961) in Descr. Cact. Nov. et Comb. Nov. **III**: 13, Dec. 1963.

- Submatucana formosa* (Ritt.) Backeb. n. comb. (= *Matucana formosa* Ritt. in Taxon **12**: 125, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Submatucana formosa* Backeb. var. *minor* (Ritt.) Backeb. n. comb. (= *Matucana formosa* var. *minor* Ritt. in Taxon **12**: 125, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Submatucana intertexta* (Ritt.) Backeb. n. comb. (= *Matucana intertexta* Ritt. in Taxon **12**: 125, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Submatucana paucicostata* (Ritt.) Backeb. n. comb. (= *Matucana paucicostata* Ritt. in Taxon **12**: 124, 1963) in Descr. Cact. Nov. et Comb. Nov. **III**: 14, Dec. 1963.
- Sulcorebutia candiae* (Card.) Buin. & Don. n. comb. (= *Rebutia candiae* Cardenas in Cact. & Succ. J. Amer. **33**: 112, 1961) in Sukkulantenkunde **VII/VIII**: 104, Sept. 1963.
- Sulcorebutia menesesii* (Card.) Buin. & Don. n. comb. (= *Rebutia menesesii* Cardenas in Cact. & Succ. J. Amer. **33**: 113, 1961) in Sukkulantenkunde **VII/VIII**: 104, Sept. 1963.
- Toumeyia fickeisenii* (Backeb.) Kladiwan. comb. (= *Navajoa fickeisenii* Backeb. in Cact. & Succ. J. Gt. Brit. **22**: 49, 1960) in Sukkulantenkunde **VII/VIII**: 46, Sept. 1963.
- Toumeyia schwarzii* Br. & Marsh. var. *polaskii* (Backeb.) Kladiwa n. comb. (= *Turbinacarpus polaskii* Backeb. in Die Cactaceae **5**: 2883-5, 1961) in Sukkulantenkunde **VII/VIII**: 46, Sept. 1963.
- Weingartia chilensis* Backeb. n. comb. (= *Neowerdermannia chilensis* Backeb. in Cact. & Succ. J. Amer. **8**: 73, 1936) in Descr. Cact. Nov. et Comb. Nov. **III**: 15, Dec. 1963.
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