

Regnum Vegetabile vol. 25

**REPERTORIUM PLANTARUM
SUCCULENTARUM**

XI - 1960
(including supplements)

Edited by

G. D. ROWLEY

October 1962

UTRECHT — NETHERLANDS

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

REGNUM VEGETABILE

A Series of Publications for the use of Plant Taxonomists and Plant Geographers

Volume 25

REPERTORIUM PLANTARUM

SUCCULENTARUM

XI

REPERTORIUM PLANTARUM SUCCULENTARUM

Edited by

G. D. ROWLEY

under the auspices of

THE INTERNATIONAL ORGANISATION FOR SUCCULENT PLANT STUDY

L'ORGANISATION INTERNATIONALE DE RECHERCHES
SUR LES PLANTES SUCCULENTES

DER INTERNATIONALEN ORGANISATION FÜR SUKKULENTENFORSCHUNG

(Int. Commission for Succulent Plant Study of the I.U.B.S.)



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Assistance is requested to make the I.O.S. Repertorium as complete as possible. The Editor earnestly asks for notification of any omissions or errors. Authors of new names in succulents would help him greatly if they would send reprints or abstracts of their innovations.

* * *

Le Repertorium de l'I.O.S. sera aussi complet que possible si nous sommes aidés dans cette tâche ainsi que nous vous le demandons instamment.

L'Editeur serait sincèrement reconnaissant à tous ceux qui voudraient bien lui signaler toute erreur ou omission.

Les auteurs de nouveaux noms de plantes succulentes l'aideraient considérablement s'ils avaient l'amabilité de lui envoyer des tirés à part ou des extraits concernant leur innovation.

* * *

Um das I.O.S.-Repertorium so vollständig wie möglich zu gestalten wird um Mithilfe gebeten. Der Herausgeber bittet daher dringend um Mitteilung von irgend welchen Auslassungen und Irrtümern. Die Autoren neuer Namen für Sukkulente würden ihm einen großen Gefallen tun, wenn sie ihm Sonderdrucke oder wenigstens Auszüge ihrer Neubeschreibungen zusenden würden.

DESCRIPTIONES NOVAE 1959

(Supplement)

Crassulaceae

- Sedum cormiferum* Clausen n. sp. in *Sedum* of the Trans-Mexican Volcanic Belt: 216, 1959.
- Sedum dendroideum* D.C. subsp. *parvifolium* Clausen n. subsp. in *Sedum* of the Trans-Mexican Volcanic Belt: 72, 1959.
- Sedum longipes* Rose subsp. *rosulare* Clausen n. subsp. in *Sedum* of the Trans-Mexican Volcanic Belt: 199, 1959.
- Sedum moranense* H.B.K. subsp. *grandiflorum* Clausen n. subsp. in *Sedum* of the Trans-Mexican Volcanic Belt: 272, 1959.
- Sedum pentastamineum* Clausen n. sp. in *Sedum* of the Trans-Mexican Volcanic Belt: 201, 1959.

COMBINACIONES NOVAE 1959

(Supplement)

Crassulaceae

- Sedum dendroideum* D.C. subsp. *monticola* (Brand.) Clausen n. comb. (= *S. monticola* Brandegee in Univ. Calif. Pub. Bot. 6: 498, 1919) in *Sedum* of the Trans-Mexican Volcanic Belt: 73, 1959.
- Sedum dendroideum* D.C. subsp. *praealtum* (D.C.) Clausen n. comb. (= *S. praealtum* D.C. in Mem. Soc. Phys. Hist. Nat. Gen. 11: 445, 1847-8) in *Sedum* of the Trans-Mexican Volcanic Belt: 70, 1959.
- Sedum minimum* Rose subsp. *delicatum* (Rose) Clausen n. comb. (= *S. delicatum* Rose in Contr. U.S. Nat. Herb. 13: 297, 1911) in *Sedum* of the Trans-Mexican Volcanic Belt: 302, 1959.
- Villadia grandisepala* Clausen n. comb. (= *Sedum grandisepalum* Clausen in Cact. & Succ. J. Amer. 21: 149, 1949) in *Sedum* of the Trans-Mexican Volcanic Belt: 39, 1959.
- Villadia misera* (Lindl.) Clausen n. comb. (= *Sedum miserum* Lindley in Bot. Reg. 24: 65, 1838) in *Sedum* of the Trans-Mexican Volcanic Belt: 38, 1959.
- Villadia platystyla* (Fröd.) Clausen n. comb. (= *Sedum platystylum* Fröderström in Act. Hort. Goth. 10 (App.): 38, 1936) in *Sedum* of the Trans-Mexican Volcanic Belt: 39, 1959.
- Villadia scopulina* (Rose) Clausen n. comb. superfl. (= *Villadia scopulina* (Rose) Jacobs. in Nat. Cact. & Succ. J. 13: 76, 1958) in *Sedum* of the Trans-Mexican Volcanic Belt: 143, 1959.

CORRIGENDUM 1959

- Delete "*Conophytum hallii* L. Bol. ..." and read: *Conophyllum hallii* L. Bol. n. sp. in J. S. Afr. Bot. 25: 251 (July 1959).

DESCRIPTIONES NOVAE 1960

Agavaceae

- Agave toumeyana* Trel. var. *bella* Breitung n. var. in Cact. & Succ. J. Amer. 32: 81, May-June 1960.
- Agave victoriae-reginae* Moore forma *dentata* Breitung n. forma in Cact. & Succ. J. Amer. 32: 35, Mar.-Apr. 1960.
- Agave victoriae-reginae* Moore forma *latifolia* Breitung n. forma in Cact. & Succ. J. Amer. 32: 37, Mar.-Apr. 1960.

Agave victoriae-reginae Moore forma *longifolia* Breitung n. forma in Cact. & Succ. J. Amer. 32: 38, Mar.-Apr. 1960.

Agave victoriae-reginae Moore forma *longispina* Breitung n. forma in Cact. & Succ. J. Amer. 32: 37, Mar.-Apr. 1960.

Agave victoriae-reginae Moore forma *ornata* Breitung n. forma subnud. in Cact. & Succ. J. Amer. 32: 37, Mar.-Apr. 1960, sine typ.

Agave victoriae-reginae Moore forma *stolonifera* Jacobsen n. forma subnud. in Kakt. u.a. Sukk. 11: 91, June 1960; 137-8, Sept. 1960, sine typ.

Agave victoriae-reginae Moore forma *viridis* Breitung n. forma in Cact. & Succ. J. Amer. 32: 37, Mar.-Apr. 1960.

Asclepiadaceae

Karimbolea Descoings n. gen. (Typ. *K. verrucosa* Desc.) in Cactus 68: 77-80, Oct.-Dec. 1960.

Karimbolea verrucosa Descoings n. sp. in Cactus 68: 78, Oct.-Dec. 1960.

Cactaceae

Cereus ridleyi Lima n. sp. in Backeberg, Die Cactaceae 4: 2352, 1960.

Copiapoa hypogaea Ritter n. sp. in Cactus 66: 19, March 1960.

Copiapoa montana Ritter n. sp. in Cactus 66: 21, March 1960.

Copiapoa serpentisulcata Ritter n. sp. in Cactus 66: 22, March 1960.

Copiapoa totoralensis Ritter n. sp. in Cactus 66: 23, March 1960.

Discocactus paranaensis Backeb. n. sp. in Die Cactaceae 4: 2628, 1960.

Echinocereus albutus Backeb. n. sp. in Die Cactaceae 4: 2007, 1960.

Echinocereus baileyi Rose var. *caespiticus* Backeb. n. var. in Die Cactaceae 4: 2011, 1960.

Echinocereus primolanatus Schwarz n. sp. in Backeberg, Die Cactaceae 4: 2043, 1960.

Echinocereus subterraneus Backeb. n. sp. (non *E. subterraneus* hort. Schwarz) in Die Cactaceae 4: 2012, 1960.

Echinocereus viridiflorus Engelm. var. *intermedius* Backeb. n. var. in Die Cactaceae 4: 2015, 1960.

Espostoa huanucensis Ritter n. sp. nud. (sine diagn. lat.) in Backeberg, Die Cactaceae 4: 2540, 1960.

Espostoa mirabilis Ritter n. sp. nud. (sine diagn. lat.) in Backeberg, Die Cactaceae 4: 2540, 1960.

Espostoa ritteri Buin. n. sp. in Succulenta 1960: 25, March 1960.

Espostoa superba Ritter n. sp. in Kakt. u.a. Sukk. 11: 85, June 1960.

Harrisia nashii Br. var. *straminia* Backeb. n. var. (= *H. fimbriata* var. *straminia* Marsh. n. nud.) in Die Cactaceae 4: 2101, 1960.

'London Beauty' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 8, 9, March 1960.

'London Belle' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.

'London Boy' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.

'London Charm' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 9, March 1960.

'London Delight' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 8, 9, March 1960.

'London Girl' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 8, 9, March 1960.

'London Glory' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 8, 9, March 1960.

'London Glow' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 9, March 1960.

'London Joy' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.

'London Lad' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.

'London Lady' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 8, 9, March 1960.

'London Lass' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.

'London Magic' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 9, 10, March 1960.

- 'London Prince' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.
- 'London Superb' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 7, 9, March 1960.
- 'London Youth' McQuown n. cv. (Cactus hybrid) in Nat. Cact. & Succ. J. 15: 10, March 1960.
- Mammillaria louisae* Lindsay n. sp. in Cact. & Succ. J. Amer. 32: 169, Nov.-Dec. 1960.
- Mammillaria mollihamata* Shurly n. sp. (= *M. mollishamata* hort.) in Cact. & Succ. J. Gt. Brit. 22: 52, 57, July 1960.
- Mammillaria zacatecasensis* Shurly n. sp. in Cact. & Succ. J. Gt. Brit. 22: 51, 57, July 1960.
- Monvillea calliantha* Fuaux & Backeb. n. sp. in Backeberg, Die Cactaceae 4: 2312, 1960.
- Navajoa fickeseni* Backeb. n. sp. sine typ. in Cact. & Succ. J. Gt. Brit. 22: 49, 54, July 1960.
- Opuntia picardoi* Marnier-Lapostolle n. sp. in Cactus 66: 3-4, March 1960.
- Parodia penicillata* Fechs. & Steeg n. sp. in Succulenta 1960: 77, July 1960.
- Pediocactus knowltonii* Benson n. sp. in Cact. & Succ. J. Amer. 32: 193, Nov.-Dec. 1960.
- Pyrrhocactus aconcaguensis* Ritter var. *aconcaguensis* n. sp. in Succulenta 1960: 108, Sept. 1960.
- Pyrrhocactus aconcaguensis* Ritter var. *orientalis* Ritter n. var. in Succulenta 1960: 109, Sept. 1960.
- Pyrrhocactus armatus* Ritter n. sp. in Succulenta 1960: 49, May 1960.
- Pyrrhocactus atroviridis* Ritter n. sp. in Succulenta 1960: 89, Aug. 1960.
- Pyrrhocactus choapensis* Ritter n. sp. in Succulenta 1960: 133, Dec. 1960.
- Pyrrhocactus chorosensis* Ritter n. sp. in Succulenta 1960: 121, Nov. 1960.
- Pyrrhocactus grandiflorus* Ritter n. sp. in Succulenta 1960: 41, April 1960.
- Pyrrhocactus lissocarpus* Ritter var. *gracilis* Ritter n. var. in Succulenta 1960: 17, Feb. 1960.
- Pyrrhocactus lissocarpus* Ritter var. *lissocarpus* n. sp. in Succulenta 1960: 17, Feb. 1960.
- Pyrrhocactus marksianus* Ritter var. *marksianus* n. sp. in Succulenta 1960: 2, Jan. 1960.
- Pyrrhocactus marksianus* Ritter var. *tunensis* Ritter n. var. in Succulenta 1960: 2, Jan. 1960.
- Pyrrhocactus odoriflorus* Ritter n. sp. in Succulenta 1960: 116, Oct. 1960.
- Pyrrhocactus robustus* Ritter var. *robustus* n. sp. in Succulenta 1960: 65, June 1960.
- Pyrrhocactus robustus* Ritter var. *vegasanus* Ritter n. var. in Succulenta 1960: 65, June 1960.
- Pyrrhocactus wagenknechtii* Ritter n. sp. in Succulenta 1960: 82, July 1960.
- Roseocactus intermedius* Backeb. & Kilian n. sp. in Kakt. u.a. Sukk. 11: 149-152, Oct. 1960.
- Subpilocereus repandus* (L.) Backeb. var. *weberi* Backeb. n. var. (= *Pilocereus albispinus* var. *weberi* Backeb. in Kaktus ABC 326, 1935 sine diagn. lat.; *Cereus repandus weberi* Humm.; *Cephalocereus albispinus weberi* Borg) in Die Cactaceae 4: 2385, 1960.
- Thrixanthocereus senilis* Ritter n. sp. nud. (sine diagn. lat.) in Backeberg, Die Cactaceae 4: 2477, 1960.
- Toumeyia krainziana* Frank n. sp. in Kakt. u.a. Sukk. 11: 168-170, Nov. 1960.

Crassulaceae

- Adromischus geyeri* Hutchison n. sp. in Cact. & Succ. J. Amer. 32: 89, May-June 1960.
- Adromischus pauciflorus* Hutchison n. sp. in Cact. & Succ. J. Amer. 32: 62, Mar.-Apr. 1960.
- Cotyledon chloroleuca* Dint. ex Friedr. n. sp. in Mitt. Bot. Staatss. München 3: 597-9, Nov. 1960.
- Crassula karasana* Friedr. n. sp. in Mitt. Bot. Staatss. München 3: 589, 591-2, Nov. 1960.
- Crassula merxmulleri* Friedr. n. sp. in Mitt. Bot. Staatss. München 3: 589, 593, Nov. 1960.
- Crassula pseudhemisphaerica* Friedr. n. sp. in Mitt. Bot. Staatss. München 3: 589, 594-5, Nov. 1960.
- Crassula rhodogyna* Friedr. n. sp. in Mitt. Bot. Staatss. München 3: 589, 595-6, Nov. 1960.

- Kalanchoe* 'Goldrand' Hausteine n. cv. in Kakt. u.a. Sukk. **11**: 41, March 1960.
- Kalanchoe* 'Heinrich Töpferwein' Hausteine n. cv. in Kakt. u.a. Sukk. **11**: 41, March 1960.
- Kalanchoe* 'Leuchstern' Hausteine n. cv. in Kakt. u.a. Sukk. **11**: 41, March 1960.
- Kalanchoe* 'Nürnberg' Hausteine n. cv. in Kakt. u.a. Sukk. **11**: 41, March 1960.

Liliaceae

- Aloe grata* Reyn. n. sp. in J. S. Afr. Bot. **26**: 87-89, April 1960.
- Aloe guerrai* Reyn. n. sp. in J. S. Afr. Bot. **26**: 85-87, April 1960.
- Aloe rupicola* Reyn. n. sp. in J. S. Afr. Bot. 89-91, April 1960.

Mesembryanthemaceae

- Conophytum dilatatum* Tischer n. sp. in Cact. & Succ. J. Gt. Brit. **22**: 75, 78, Oct. 1960.
- Conophytum giftbergense* Tischer n. sp. in Cact. & Succ. J. Gt. Brit. **22**: 76, 78, 86, Oct. 1960.
- Conophytum koupense* Tischer n. sp. in Cact. & Succ. J. Gt. Brit. **22**: 27, 33, Apr. 1960.
- Conophytum subconfusum* Tischer n. sp. in Kakt. u.a. Sukk. **11**: 35, March 1960.

Conophytum subincanum Tischer n. sp. in Cact. & Succ. J. Gt. Brit. **22**: 28, 33, Apr. 1960.

Conophytum terrestre Tischer n. sp. in Kakt. u.a. Sukk. **11**: 68, May 1960.

Dinteranthus microspermus Schwant. var. *acutipetalus* L. Bol. n. var. in Jacobsen Handbook of Succ. Pl. **3**: 1110-1, 1960.

Lithops glaudinae de Boer n. sp. in Succulenta 1960: 129, Dec. 1960.

Lithops koelemanii de Boer n. sp. in Succulenta 1960: 28, March 1960.

Lithops salicola L. Bol. var. *reticulata* de Boer n. sp. in Succulenta 1960: 79, July 1960.

Ruschianthemum Friedr. n. gen. (Typ. *R. gigas* (Dint.) Friedr.) in Mitt. Bot. Staatss. München **3**: 563-4, Nov. 1960.

Stoerberia beetzii var. *arborescens* Friedr. n. var. in Mitt. Bot. Staatss. München **3**: 560-1, Nov. 1960.

Stoerberia carpii Friedr. n. sp. in Mitt. Bot. Staatss. München **3**: 562-3, Nov. 1960.

Portulacaceae

Portulaca poellnitziana Werd. & Jacobs. n. sp. in Jacobsen Handbook of Succ. Pl. **2**: 744, 1960.

COMBINATIONES NOVAE 1960

Agavaceae

Agave utahensis Engelm. var. *kaibabensis* (McK.) Breitung n. comb. (= *A. kaibabensis* McKelvey in J. Arn. Arb. **30**: 227, 1949) in Cact. & Succ. J. Amer. **32**: 21, Jan.-Feb. 1960.

Agave utahensis Engelm. var. *eborispina* (Hest.) Breitung n. comb. (= *A. eborispina* Hester in Cact. & Succ. J. Amer. **15**: 131, 1943) in l.c. **32**: 22, Jan.-Feb. 1960.

Cactaceae

Austrocephalocereus dybowski (Goss.) Backeb. n. comb. (= *Cereus dybowski* Goss. in Bull. Soc. Bot. France **55**: 695, 1908; *Cephalocereus dybowski* Br. & R.; *Espostoa dybowski* Fric) in Die Cactaceae **4**: 2498, 1960.

Austrocephalocereus lehmannianus (Werd.) Backeb. n. comb. (= *Cephalocereus lehmannianus* Werd. in Bras. u.s. Säulenakt. **118**, 1933) in Die Cactaceae **4**: 2499, 1960.

Borzicactus celsianus (Lem.) Kimmach n. comb. (= *Pilocereus celsianus* Lem. ex S.D. Cact. Hort. Dyck. 1849: 185, 1850; *Pilocereus* — 6 taxa; *Cleistocactus celsianus* Web.; *Cereus celsianus* Berg.; *Oreocereus celsianus* Ricc.; *O. neocelsianus* Backeb.; *O. maximus* Backeb., etc.) in Cact. & Succ. J. Amer. **32**: 59, Mar.-Apr. 1960.

Borzicactus doelzianus (Backeb.) Kimmach n. comb. (= *Morawetzia doelziana* Backeb. in Jahrb. d. D.K.G. **1**: 73, 1936; *Oreocereus doelzianus* Borg; etc.) in Cact. & Succ. J. Amer. **32**: 59, Mar.-Apr. 1960.

Borzicactus fossulatus (Lab.) Kimmach n. comb. (= *Pilocereus fossulatus* Lab. in Rev. Hort. **4**: 24, 1855; *Pilocereus* — 3 taxa; *Oreocereus fossulatus* Backeb., etc.) in Cact. & Succ. J. Amer. **32**: 59, Mar.-Apr. 1960.

- Borzicactus haynei* (Otto) Kimmach n. comb. (= *Echinocactus haynii* Otto in S.D. Cact. Hort. Dyck. 1849: 165, 1850; *Cereus haynii* Croucher; *Matucana haynei* Br. & R.; *Matucana* — 24 other taxa) in Cact. & Succ. J. Amer. 32: 92, May-June 1960.
- Borzicactus hendriksenianus* (Backeb.) Kimmach n. comb. (= *Oreocereus hendriksenianus* Backeb. in Kaktus ABC: 411, 1935; *O. ritleri* Cullm., etc.) in Cact. & Succ. J. Amer. 32: 92, May-June 1960.
- Borzicactus icosagonus* (H.B.K.) Br. & R. forma *aurantiaciflorus* (Backeb.) Krainz n. comb. (= *Seticereus icosagonus* var. *aurantiaciflorus* Backeb. in Kakteenk. 1943: 31-33) in Die Kakteen C Vb (Nov. 1960).
- Borzicactus leucotrichus* (Phill.) Kimmach n. comb. (= *Echinocactus leucotrichus* Phill. in Anal. Mus. Nac. Chile 1891: 27, *Echinopsis hempeliana* Gürke; *Echinocactus rettigii* Quehl; *Arequipa leucotricha* Br. & R.; *Arequipa* — 6 other taxa; *Arequipipiopsis* — 3 taxa) in Cact. & Succ. J. Amer. 32: 93, May-June 1960.
- Borzicactus samaipatanus* (Card.) Kimmach n. comb. (= *Bolivicereus samaipatanus* Cardenas in Cact. & Succ. J. Amer. 23: 91, 1951, etc.) in l.c. 32: 93, May-June 1960.
- Borzicactus serpens* (H.B.K.) Kimmach n. comb. (= *Cactus serpens* H.B.K. in Nov. Gen. Sp. 6: 68, 1823; *Cereus serpens* D.C.; *Cleistocactus serpens* Web.; *C. crassiserpens* Rauh & Backeb.) in Cact. & Succ. J. Amer. 32: 95, May-June 1960.
- Borzicactus sextonianus* (Backeb.) Kimmach n. comb. (= *Erdisia sextoniana* Backeb. in Kaktus ABC: 411, 1935; *Loxanthocereus sextonianus* Backeb.; *Maritimocereus gracilis* Akers & Buin.; *Loxanthocereus* — 4 other taxa) in Cact. & Succ. J. Amer. 32: 95, May-June 1960.
- Borzicactus sulcifer* (Rauh & Backeb.) Kimmach n. comb. (= *Loxanthocereus sulcifer* Rauh & Backeb. in Descr. Cact. Nov. 14, 1956, etc.) in Cact. & Succ. J. Amer. 32: 95, May-June 1960.
- Borzicactus tenuiserpens* (Rauh & Backeb.) Kimmach n. comb. (= *Cleistocactus tenuiserpens* Rauh & Backeb. in Descr. Cact. Nov. 17, 1956) in Cact. & Succ. J. Amer. 32: 95, May-June 1960.
- Borzicactus trollii* (Kupp.) Kimmach n. comb. (= *Cereus trollii* Kupper in Monats. d. D.K.G. 1: 96, 1929; *Oreocereus trollii* Backeb.; *Oreocereus* — 3 other taxa) in Cact. & Succ. J. Amer. 32: 96, May-June 1960.
- Cereus aethiops* Haw. var. *landbeckii* (Phil.) Backeb. n. comb. (= *Cereus landbeckii* Phil. in Regel Gartenfl. 24: 162, 1875; *Cereus coerulescens landbeckii* K. Sch.) in Die Cactaceae 4: 2333, 1960.
- Cereus aethiops* Haw. var. *melanacanthus* (K. Sch.) Backeb. n. comb. (= *Cereus coerulescens melanacanthus* K. Sch. in Monogr. Cact. 122, 1898) in Die Cactaceae 4: 2333, 1960.
- Cereus neotetragonus* Backeb. n. nom. (= *Cactus tetragonus* Willd. in Sp. Plant. 2: 939, 1797, non L. 1753; *Cereus tetragonus* Haw. non Mill. etc.) in Die Cactaceae 4: 2363, 1960.
- Cylindropuntia verschaffeltii* (Cels) Backeb. forma *longispina* (Backeb.) Krainz n. comb. (= *Austrocylindropuntia verschaffeltii* var. *longispina* Backeb. in Descr. Cact. Nov. 6, 1956; *Opuntia verschaffeltii* var. *longispina* Rowl.) in Die Kakteen B, April 1960.
- Echinocereus coccineus* Engelm. var. *kunzei* (Gürke) Backeb. n. comb. (= *Echinocereus kunzei* Gürke in Monats. f. Kakt. 17: 103, 1907) in Die Cactaceae 4: 2070, 1960.
- Echinocereus dasyacanthus* Engelm. var. *ctenoides* (Engelm.) Backeb. n. comb. (= *Cereus ctenoides* Engelm. in Proc. Amer. Acad. 3: 279, 1856; *Echinocereus ctenoides* Rümpl.) in Die Cactaceae 4: 2021, 1960.
- Echinocereus fendleri* (Engelm.) Rümpl. var. *albiflorus* (Weing.) Backeb. n. comb. (= *Echinocereus albiflorus* Weing. in Kakteenkunde 156, 1933; *E. abbeae* Pars.) in Die Cactaceae 4: 2047, 1960.
- Echinocereus pentalophus* (D.C.) Rümpl. var. *ehrenbergii* (Pfeiff.) Backeb. n. comb. (= *Cereus ehrenbergii* Pfeiff. in Allg. Gartenz. 8: 282, 1840; *Echinocereus ehrenbergii* Rümpl.) in Die Cactaceae 4: 2003, 1960.
- Echinocereus pentalophus* (D.C.) Lem. var. *procumbens* (Engelm.) Krainz n. comb. (= *Cereus procumbens* Engelm. in Pl. Fendl. 50, 1849; *Echinocereus procumbens* Lem., etc.) in Die Kakteen C VII, July 1960.

- Echinocereus roetteri* (Engelm.) Rümpl. var. *lloydii* (Br. & R.) Backeb. n. comb. (= *E. lloydii* Br. & R. in *The Cactaceae* 3: 37, 1922) in *Die Cactaceae* 4: 2027, 1960.
- Echinocereus subinermis* S.D. var. *luteus* (Br. & R.) Backeb. n. comb. (= *E. luteus* Br. & R. in *Contr. U.S. Nat. Herb.* 16: 239, 1913) in *Die Cactaceae* 4: 1994, 1960.
- Echinocereus viridiflorus* Engelm. var. *chloranthus* (Engelm.) Backeb. n. comb. (= *Cereus chloranthus* Engelm. in *Proc. Amer. Acad.* 3: 278, 1856; *Echinocereus chloranthus* Rümpl.) in *Die Cactaceae* 4: 2015, 1960.
- Eriocereus pomanensis* (Web.) Berg. var. *uruguayensis* (Ost.) Backeb. n. comb. (= *Harrisia tortuosa* var. *uruguayensis* Osten in *Anal. Mus. Hist. Nat. Montevideo* 5: 66, 1941) in *Die Cactaceae* 4: 2095, 1960.
- Eriocereus regelii* (Weing.) Backeb. n. comb. (= *Cereus regelii* Weing. in *Monats. f. Kakt.* 3: 33, 1910; *Eriocereus martinii* var. *regelii* Marsh.; *Harrisia regelii* Borg) in *Die Cactaceae* 4: 2093, 1960.
- Espostoa lanata* (H.B.K.) Br. & R. var. *sericata* Backeb. n. comb. (= *Cereus sericatus* Backeb. in *Monats. d. D.K.G.* 3: 157, 1931; *Cereus lanatus* subsp. *sericatus* Werd.; *Espostoa sericata* Backeb.) in *Die Cactaceae* 4: 2529, 1960.
- Harrisia divaricata* (Lam.) Backeb. n. comb. (= *Cactus divaricatus* Lam. in *Encycl.* 1: 540, 1783; *Cereus divaricatus* D.C.; *Pilocereus divaricatus* Lem.) in *Die Cactaceae* 4: 2101, 1960.
- Haseltonia columna-trajani* (Karw.) Backeb. n. comb. (= *Cereus columna-trajani* Karw. in *Pfeiff. Enum. Diagn.* 76, 1837; *Cephalocereus columna-trajani* K. Sch., etc.) in *Die Cactaceae* 4: 2263, 1961.
- Heliocereus speciosus* (Cav.) Br. & R. var. *elegantissimus* (Br. & R.) Backeb. n. comb. illeg. (= *H. elegantissimus* Br. & R.; *Cereus speciosissimus coccineus* Rümpler in *Handb. Cact. Edn. II:* 773, 1885; *Cereus coccineus* S.D.; *Cereus speciosus coccineus* Graeb.; *Heliocereus coccineus* Br. & R.; *Cereus elegantissimus* Berg.) in *Die Cactaceae* 4: 2121, 1960.
- Heliocereus speciosus* (Cav.) Br. & R. var. *serratus* (Weing.) Backeb. n. comb. (= *Cereus serratus* Weing. in *Monats. f. Kakt.* 185, 1912; *Heliocereus serratus* Borg) in *Die Cactaceae* 4: 2121, 1960.
- Heliocereus speciosus* (Cav.) Br. & R. var. *superbus* (Ehr.) Backeb. n. comb. (= *Cereus superbus* Ehrenberg in *Bot. Zeits.* 4: 324, 1846; *Heliocereus superbus* Berg.) in *Die Cactaceae* 4: 2120, 1960.
- Lobivia haageana* Backeb. forma *albihepatica* (Backeb.) Krainz n. comb. (= *L. haageana* var. *albihepatica* Backeb. in *Cactus* 41: 84, 1954) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *bicolor* (Backeb.) Krainz n. comb. (= *L. haageana* var. *bicolor* Backeb. in *Descr. Cact. Nov.* 29, 1956) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *chrysantha* (Backeb.) Krainz n. comb. (= *L. haageana* var. *chrysantha* Backeb. in *Cactus* 41: 84, 1954) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *cinnabarina* (Backeb.) Krainz n. comb. (= *L. haageana* var. *cinnabarina* Backeb. in *Cactus* 41: 84, 1954) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *croceantha* (Backeb.) Krainz n. comb. (= *L. haageana* var. *croceantha* Backeb. in *Descr. Cact. Nov.* 29, 1956) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *durispina* (Backeb.) Krainz n. comb. (= *L. haageana* var. *durispina* Backeb. in *Descr. Cact. Nov.* 29, 1956) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *grandiflorastellata* (Backeb.) Krainz n. comb. (= *L. haageana* var. *grandiflorastellata* Backeb. in *Descr. Cact. Nov.* 29, 1956) in *Die Kakteen C Vc* (Nov. 1960).
- Lobivia haageana* Backeb. forma *leucoerythrantha* (Backeb.) Krainz n. comb. (= *L. haageana* var. *leucoerythrantha* Backeb. in *Descr. Cact. Nov.* 29, 1956) in *Die Kakteen C Vc* (Nov. 1960).
- Lophocereus mieckleyanus* (Weing.) Backeb. n. comb. (= *Cereus mieckleyanus* Weing. in *Monats. d. D.K.G.* 189, 1931; *Lophocereus schottii* f. monstr. *mieckleyanus* Marsh.; *Lemaireocereus mieckleyanus* Borg) in *Die Cactaceae* 4: 2285, 1960.
- Marshallocereus thurberi* (Engelm.) Backeb. var. *littoralis* (Brand.) Backeb. n. comb. (= *Cereus thurberi* var. *littoralis* K. Brand. in *Zoe* 5: 191, 1904; *Lemaireocereus littoralis* Gates) in *Die Cactaceae* 4: 2163, 1960.

- Melocactus broadwayi* (Br. & R.) Backeb. n. comb. (= *Cactus broadwayi* Br. & R. in The Cactaceae 3: 229, 1922) in Die Cactaceae 4: 2586, 1960.
- Melocactus coronatus* (Lam.) Backeb. n. comb. (= *Cactus melocactus* L. in Sp. Plant. Edn. I: 466, 1753; *C. coronatus* Lam. etc.) in Die Cactaceae 4: 2569, 1960.
- Melocactus intortus* (Mill.) Urb. var. *antonii* (Br.) Backeb. n. comb. (= *Cactus antonii* Br. in Cact. & Succ. J. Amer. 4: 355, 1933; *Melocactus antonii* Knuth) in Die Cactaceae 4: 2575, 1960.
- Melocactus oaxacensis* (Br. & R.) Backeb. n. comb. (= *Cactus oaxacensis* Br. & R. in The Cactaceae 4: 289, 1923) in Die Cactaceae 4: 2587, 1960.
- Melocactus zehntneri* (Br. & R.) Backeb. n. comb. (= *Cactus zehntneri* Br. & R. in The Cactaceae 3: 236, 1922) in Die Cactaceae 4: 2575, 1960.
- Mitrocereus ruficeps* (Web.) Backeb. n. comb. (= *Pilocereus ruficeps* Web. in Bull. Mus. Hist. Nat. Paris 11: 509, 1905; *Cereus ruficeps* Vaup.; *Pachycereus ruficeps* Br. & R.; *Neobuxbaumia macrocephala* Daws.) in Die Cactaceae 4: 2244, 1960.
- Monvillea campinensis* (Backeb. & Voll) Backeb. n. comb. (= *Pilocereus campinensis* Backeb. & Voll in Arq. Jard. Bot. Rio de Janeiro 9: 162, 1949) in Die Cactaceae 4: 2313, 1960.
- Monvillea euchlora* (Web.) Backeb. n. comb. (= *Cereus euchlorus* Web. in K. Sch. Monogr. Cact. 84, 1898) in Die Cactaceae 4: 2301, 1960.
- Myrtillocactus geometrizans* (Mart.) Cons. var. *grandiareolatus* (Bravo) Backeb. n. comb. (= *M. grandiareolatus* Bravo in Anal. Inst. Biol. Mex. 3: 15, 1932) in Die Cactaceae 4: 2267, 1960.
- Neobuxbaumia mezcalaensis* (Bravo) Backeb. var. *robusta* (Daws.) Backeb. n. comb. (= *Cephalocereus mezcalaensis* var. *robustus* Daws. in Allan Hancock Found. Occ. Papers 1: 9, 1948) in Die Cactaceae 4: 2203, 1960.
- Notocactus graessneri* (K. Sch.) Berg. var. *albiseta* (Cullm.) Krainz n. comb. (= *Brasilicactus graessneri* (K. Sch.) Backeb. var. *albiseta* Cullman in Kakt. u.a. Sukk. 6: 105, 1955) in Die Kakteen C VIa, July 1960.
- Pachycereus gigas* Backeb. n. comb. (= *Pachycereus grandis* Rose var. *gigas* Backeb. in Beitr. z. Sukk. u. Pflege 1: 2, 1941) in Die Cactaceae 4: 2154, 1960.
- Pachycereus weberi* (Coult.) Backeb. n. comb. (= *Cereus weberi* Coult. in Contr. U.S. Nat. Herb. 3: 410, 1896; *C. candelabrum* Web.; *Lemaireocereus weberi* Br. & R.; *Ritterocereus weberi* Backeb.) in Die Cactaceae 4: 2152, 1960.
- Pilosocereus brasiliensis* (Br. & R.) Backeb. n. comb. (= *Cephalocereus brasiliensis* Br. & R. in The Cactaceae 2: 57, 1920; *Pilocereus brasiliensis* Werd.) in Die Cactaceae 4: 2423, 1960.
- Pilosocereus gaumeri* (Br. & R.) Backeb. n. comb. (= *Cephalocereus gaumeri* Br. & R. in The Cactaceae 2: 47, 1920; *Pilocereus gaumeri* Knuth) in Die Cactaceae 4: 2462, 1960.
- Pilosocereus machrisii* (Daws.) Backeb. n. comb. (= *Cephalocereus machrisii* Daws. in Contr. Sci. Los Angeles County Mus. 10: 8, 1957) in Die Cactaceae 4: 2419, 1960.
- Pilosocereus mortensenii* (Croiz.) Backeb. n. comb. (= *Pilocereus mortensenii* Croiz. in Nov. Cient. Caracas 1: 3, 1950) in Die Cactaceae 4: 2450, 1960.
- Pilosocereus quadricentralis* (Daws.) Backeb. n. comb. (= *Cephalocereus quadricentralis* Daws. in Allan Hancock Found. Occ. Pap. 1: 14, 1948) in Die Cactaceae 4: 2437, 1960.
- Rathbunia neosonorensis* Backeb. n. nom. (= *Cereus sonorensis* Gürke in Monats. f. Kakt. 146, 1910, non Runge; *Rathbunia sonorensis* Berg.) in Die Cactaceae 4: 2127, 1960.
- Rebutia minuscula* K. Sch. var. *grandiflora* (Backeb.) Krainz n. comb. (= *R. grandiflora* Backeb. in Backeb. & Knuth Kaktus ABC 277, 416, 1935, etc.) in Die Kakteen C Vc, July 1960.
- Rebutia wessneriana* Bew. var. *calliantha* (Bew.) Krainz n. comb. (= *R. calliantha* Bewerunge in Sukkulenteenkunde 2: 25, 1948, etc.) in Die Kakteen C Vc, July 1960.
- Ritterocereus deficiens* (O. & Dietr.) Backeb. n. comb. (= *Cereus deficiens* O. & Dietr. in Allg. Gartenz. 6: 28, 1838; *Cereus clavatus* O. & Dietr.; *Cereus eburneus clavatus* Fobe; *Lemaireocereus deficiens* Br. & R.) in Die Cactaceae 4: 2181, 1960.

Ritterocereus eichlamii (Br. & R.) Backeb. n. comb. (= *Cereus laevigatus guatemalensis* Eichl. in Monats. f. Kakt. 22: 182, 1912, non Vaupel; *Lemaireocereus eichlamii* Br. & R.; *L. laevigatus guatemalensis* Borg) in Die Cactaceae 4: 2179, 1960.

Ritterocereus laevigatus (S.D.) Backeb. n. comb. (= *Cereus laevigatus* S.D. in Cact. Hort. Dyck. Cult. 1849: 204, 1850; *Lemaireocereus laevigatus* Borg) in Die Cactaceae 4: 2178, 1960.

Ritterocereus pruinus (Otto) Backeb. n. comb. (= *Echinocactus pruinus* Otto in Pfeiffer Enum. Cact. 54, 1837; *Cactus pruinus* Monv.; *Cereus pruinus* Otto; *Lemaireocereus pruinus* Br. & R.) in Die Cactaceae 4: 2183, 1960.

Ritterocereus queretaroensis (Web.) Backeb. n. comb. (= *Cereus queretaroensis* Web. in Monats. f. Kakt. 1: 27, 1891; *Lemaireocereus queretaroensis* Saff.; *Pachycereus queretaroensis* Br. & R.) in Die Cactaceae 4: 2184, 1960.

Rooksbya Backeb. n. gen. (Typ. *R. euphorbioides* (Haw.) Backeb.) (= *Carnegiea* Subg. *Rooksbya* Backeb. in Cact. & Succ. J. Amer. 22: 154, 1950) in Die Cactaceae 4: 2165, 1960.

Rooksbya euphorbioides (Haw.) Backeb. n. comb. (= *Cereus euphorbioides* Haw. in Suppl. Plant. Succ. 75, 1819; *Lemaireocereus euphorbioides* Werd., etc.) in Die Cactaceae 4: 2167, 1960.

Rooksbya euphorbioides (Haw.) Backeb. var. *olfersii* (S.D.) Backeb. n. comb. (= *Cereus olfersii* S.D. in Hort. Dyck. 335, 1834) in Die Cactaceae 4: 2170, 1960.

Stenocereus treleasii (Br. & R.) Backeb. n. comb. (= *Lemaireocereus treleasii* Br. & R. in Contr. U.S. Nat. Herb. 12: 426, 1909; *Cereus treleasii* Vaup.) in Die Cactaceae 4: 2223, 1960.

Subpilocereus grenadensis (Br. & R.) Backeb. n. comb. (= *Cereus grenadensis* Br. & R. in The Cactaceae 2: 223, 1920) in Die Cactaceae 4: 2383, 1960.

Subpilocereus russelianus (Otto) Backeb. var. *micracanthus* (Humm.) Backeb. n. comb. (= *Cereus margaritensis* var. *micracanthus* Humm. in Rec. Trav. Bot. Neerl. 35: 51, 1938) in Die Cactaceae 4: 2381, 1960.

Crassulaceae

Crassula dewinteri Friedr. n. nom. (= *Sphaeritis biconvexa* Eckl. & Zeyh. in Enum. No. 1918, 1834-7; *Crassula biconvexa* Harv. non Haw.) in Mitt. Bot. Staatss. München 3: 588, Nov. 1960.

Sedum willkommianum Fernandes n. nom. (= *S. pedicellatum* Boiss. & Reut. var. *lusitanicum* Willk. in Bol. Soc. Brot. Ser. I, 6: 27, 1888, non *S. lusitanicum* Brot.) in l.c. Ser. II, 34: 121, 1960.

Mesembryanthemaceae

Aizoanthemum mossamedense (Welw.) Friedr. n. comb. (= *Aizoon mossamedense* Welw. ex Oliv. Fl. Trop. Afr. 2: 584, 1871) in Mitt. Bot. Staatss. München 3: 567, Nov. 1960.

Delosperma nubigenum (Schl.) L. Bol. n. comb. (= *Mesembryanthemum nubigenum* Schlechter in J. Bot. 36: 316, 1898) in Jacobsen Handbook of Succ. Pl. 3: 1103, 1960.

Hereroa stanleyi L. Bol. n. comb. (= *Mesembryanthemum stanleyi* L. Bol. in Ann. Bolus Herb. 4: 92, 1927) in Jacobsen Handbook of Succ. Pl. 3: 1174, 1960.

Lampranthus dunensis (Sond.) L. Bol. n. comb. (= *Mesembryanthemum dunense* Sonder in Fl. Cap. 2: 411, 1862; *M. macrocalyx* Kentsit) in Jacobsen Handbook of Succ. Pl. 3: 1197, 1961.

Lampranthus hoerleinianus (Dint.) Friedr. n. comb. (= *Mesembryanthemum hoerleinianum* Dint. in Fedde Repert. 19: 153, 1924; *Lampranthus borealis* L. Bol.) in Mitt. Bot. Staatss. München 3: 566, Nov. 1960.

Lampranthus otzenianus (Dint.) Friedr. n. comb. (= *Mesembryanthemum otzenianum* Dint. in Fedde Repert. 19: 152, 1923; *M. spathulatum* L. Bol.; *Psilocaulon otzenianum* (Dint.) L. Bol.) in Mitt. Bot. Staatss. München 3: 565, Nov. 1960.

Leipoldtia schultzei (Schlecht. & Diels) Friedr. n. comb. (= *Mesembryanthemum schultzei* Schlecht. & Diels in Schultze, Aus Namaland und Kalahari: 692, 1907; Fedde Repert. 8: 148, 1910) in Mitt. Bot. Staatss. München 3: 567, Nov. 1960.

Nycteranthus albertensis (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria albertensis* L. Bol. in Notes on Mesembr. 3: 262, 1954) in Jacobsen Handbook of Succ. Pl. 3: 1313, 1960.

- Nycteranthus bijliae* (N. E. Br.) Schwant. n. comb. illeg. (= *Aridaria bijliae* N. E. Br. in J. Bot. 66: 140, 1928) in Jacobsen Handbook of Succ. Pl. 3: 1313, 1960.
- Nycteranthus canaliculatus* (Haw.) Schwant. n. comb. illeg. (= *Mesembryanthemum canaliculatum* Haw. in Obs. Mesembr. 2: 18, 1795; *Sphalmanthus canaliculatus* (Haw.) N. E. Br., &c.) in Jacobsen Handbook of Succ. Pl. 3: 1314, 1960.
- Nycteranthus carneus* (Haw.) Schwant. n. comb. illeg. (= *Mesembryanthemum carneum* Haw. in Obs. Mesembr. 206, 1795; *Sphalmanthus carneus* (Haw.) N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1314, 1960.
- Nycteranthus caudatus* (L. Bol.) Schwant. n. comb. illeg. (= *Mesembryanthemum caudatum* L. Bol. in Ann. Bol. Herb. 2: 29, 1916; *Aridaria caudata* L. Bol.; *Sphalmanthus caudatus* (L. Bol.) N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1314, 1960.
- Nycteranthus commutatus* (Berg.) Schwant. n. comb. illeg. (= *Mesembryanthemum commutatum* Berger in Engl. Bot. Jahrb. 57: 631, 1932; *Sphalmanthus commutatus* (Berg.) N. E. Br., &c.) in Jacobsen Handbook of Succ. Pl. 3: 1314, 1960.
- Nycteranthus dinteri* (L. Bol.) Schwant. n. comb. illeg. (= *Mesembryanthemum dinteri* L. Bol. in Notes on Mesembr. 3: 298, 1958; *M. melanospermum* Dint. non Berg., &c.) in Jacobsen Handbook of Succ. Pl. 3: 1316, 1960.
- Nycteranthus elongatus* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria elongata* L. Bol. in Notes on Mesembr. 3: 297, 1958) in Jacobsen Handbook of Succ. Pl. 3: 1316, 1960.
- Nycteranthus englishiae* (L. Bol.) Schwant. n. comb. illeg. (= *Mesembryanthemum englishiae* L. Bol. in Ann. Bol. Herb. 3: 125, 1922) in Jacobsen Handbook of Succ. Pl. 3: 1316, 1960.
- Nycteranthus fragilis* (N. E. Br.) Schwant. n. comb. illeg. (= *Sphalmanthus fragilis* N. E. Br. in Gard. Chron. 1928/II, 90) in Jacobsen Handbook of Succ. Pl. 3: 1317, 1960.
- Nycteranthus grossus* (Ait.) Schwant. n. comb. illeg. (= *Mesembryanthemum grossum* Aiton in Hort. Kew Edn. I 2: 191, 1789; *Sphalmanthus grossus* (Ait.) N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1318, 1960.
- Nycteranthus herbertii* (N. E. Br.) Schwant. n. comb. illeg. (= *Sphalmanthus herbertii* N. E. Br. in Cactus J. Gt. Brit. 2: 70, 1933) in Jacobsen Handbook of Succ. Pl. 3: 1318, 1960.
- Nycteranthus inaequalis* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria inaequalis* L. Bol. in Notes on Mesembr. 3: 295, 1958) in Jacobsen Handbook of Succ. Pl. 3: 1318, 1960.
- Nycteranthus laxus* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria laxa* L. Bol. in Notes on Mesembr. 1: 133, 1928; *Sphalmanthus laxus* (L. Bol.) N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1319, 1960.
- Nycteranthus longispinulus* (Haw.) Schwant. n. comb. illeg. (= *Mesembryanthemum longispinulum* Haw. in Phil. Mag. 1824: 426; *Sphalmanthus longispinulus* (Haw.) N. E. Br.; ? *Aridaria longispinula* L. Bol.) in Jacobsen Handbook of Succ. Pl. 3: 1319, 1960.
- Nycteranthus paucandrus* var. *gracillimus* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria paucandra* var. *gracillima* L. Bol. in Notes on Mesembr. 2: 162, 1930) in Jacobsen Handbook of Succ. Pl. 3: 1321, 1960.
- Nycteranthus rabiei* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria rabiei* L. Bol. in S. Afr. Gard. & Country Life 1927: 433; *Sphalmanthus rabiei* (L. Bol.) N. E. Br.) in Jacobsen Handbook Succ. Pl. 3: 1322, 1960.
- Nycteranthus salmoneus* (Haw.) Schwant. n. comb. illeg. (= *Mesembryanthemum salmoneum* Haw. in Revis. Pl. Succ. 176, 1821; *Sphalmanthus salmoneus* (Haw.) N. E. Br., &c.) in Jacobsen Handbook of Succ. Pl. 3: 1323, 1960.
- Nycteranthus scintillans* (Dint.) Schwant. n. comb. illeg. (= *Mesembryanthemum scintillans* Dinter in Fedde Repert. 19: 128, 1928; *Sphalmanthus scintillans* Dint. & Schwant.) in Jacobsen Handbook of Succ. Pl. 3: 1323, 1960.
- Nycteranthus sinuosus* (L. Bol.) Schwant. n. comb. illeg. (= *Mesembryanthemum sinuosum* L. Bol. in Ann. Bol. Herb. 4: 14, 1925) in Jacobsen Handbook of Succ. Pl. 3: 1323, 1960.

- Nycteranthus tenuiflorus* (Jacq.) Schwant. n. comb. illeg. (= *Mesembryanthemum tenuiflorum* Jacquin in *Fragm. t.* 52, c. 1804; *Sphalmanthus tenuiflorus* (Jacq.) N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1325, 1960.
- Nycteranthus varians* (L. Bol.) Schwant. n. comb. illeg. (= *Aridaria varians* L. Bol. in Notes on Mesembr. 3: 296, 1958) in Jacobsen Handbook of Succ. Pl. 3: 1326, 1960.
- Nycteranthus vigilans* (L. Bol.) Schwant. n. comb. illeg. (= *Mesembryanthemum vigilans* L. Bol. in *J. Linn. Soc.* 45: 121, 1920; *M. hesperanthum* L. Bol. non Dint.) in Jacobsen Handbook of Succ. Pl. 3: 1326, 1960.
- Polymita albiflora* L. Bol. n. comb. (= *Ruschia albiflora* L. Bol. in *J. Bot.* 1928: 12; *Polymita pearsonii* N. E. Br.) in Jacobsen Handbook of Succ. Pl. 3: 1348, 1960.
- ? *Ruschia clavellata* (Haw.) Jacobs. n. comb. (= *Mesembryanthemum clavellatum* Haw. in *Misc. Nat.* 79, 1803) in Handbook of Succ. Pl. 3: 1374, 1960.
- Ruschia misera* L. Bol. n. comb. (= *Mesembryanthemum miserum* L. Bol. in *Ann. Bol. Herb.* 3: 164, 1923) in Jacobsen Handbook of Succ. Pl. 3: 1391, 1960.
- Ruschia rupis-arcuatae* (Dint.) Friedr. n. comb. (= *Mesembryanthemum rupis-arcuatae* Dint. in *Fedde Repert.* 19: 151, 1924; *Stoeberia rupis-arcuatae* Dint. & Schwant.) in *Mitt. Bot. Staatss. München* 3: 564, Nov. 1960.
- Ruschia sedoides* (Dint. & Berg.) Friedr. n. comb. (= *Mesembryanthemum sedoides* Dint. & Berg. in *Engler Bot. Jahrb.* 50: Suppl. 588, 1914, emend. *Fedde Repert.* 19: 124, 1924; *Eberlanzia sedoides* Schwant.) in *Mitt. Bot. Staatss. München* 3: 565, Nov. 1960.
- Ruschianthemum gigas* (Dint.) Friedr. n. comb. (= *Mesembryanthemum gigas* Dint. in *Fedde Repert.* 19: 153, 1924; *Stoeberia gigas* Dint. & Schwant.; *Ruschia micropetala* L. Bol.; *Stoeberia micropetala* L. Bol.; *Mesembryanthemum micropetalum* N. E. Br.) in *Mitt. Bot. Staatss. München* 3: 564, 561, Nov. 1960.
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New names and combinations without latin diagnoses in *Adromischus*, *Elaeophorbia*, *Lampranthus*, *Nycteranthus*, *Ruschia*, etc.

