

Regnum Vegetabile vol. 12

**REPERTORIUM PLANTARUM
SUCCULENTARUM**

VII - 1956
(including supplements)

Edited by

G. D. ROWLEY

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 12

REPERTORIUM PLANTARUM

SUCCULENTARUM

VII

Obtainable from:

THE INTERNATIONAL BUREAU FOR PLANT TAXONOMY AND NOMENCLATURE

106 LANGE NIEUWSTRAAT · UTRECHT · NETHERLANDS.



Printed in the Netherlands by Kemink en Zoon N.V.

Domplein 2 — Utrecht

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EDITORIAL

At the fourth biennial Congress of the I.O.S. at The Hague in August 1957 mutual agreement was reached between representatives of the I.O.S. and the I.A.P.T. for closer co-operation, resulting in a decision to make I.O.S. membership automatically include individual membership of the I.A.P.T. In this way I.O.S. members in distant parts of the world will be kept abreast of current developments in taxonomy and nomenclature, and will have improved facilities for publication of their work.

The I.O.S. Repertorium, which has been independently published for the first six years of its life, now finds a more stable home in *Regnum Vegetabile*.

The present issue includes some 315 new names from C. BACKEBERG's "Descriptiones Cactacearum Novarum". Although dated Dec. 15th. 1956, this was distributed piecemeal by the author, and effective publication can hardly have taken place until early in 1957.

* * *

Au quatrième Congrès de l'I.O.S. à La Haye en août 1957 un accord a été conclu entre les représentants de l'I.O.S. et de l'I.A.P.T. pour une étroite coopération, conséquence de la décision prise au Congrès de ce qu'être Membre de l'I.O.S. entraînera automatiquement la filiation à l'I.A.P.T. Ainsi les membres de l'I.O.S. aussi éloignés soient-ils dans le monde, seront automatiquement tenus au courant de l'évolution de la taxonomie et de la nomenclature et auront de grandes facilités pour la publication de leur travaux.

Le Repertorium de l'I.O.S. qui a été publié sans aucune attache durant les six premières années de son existence trouve maintenant un habitat, plus stable dans *Regnum Vegetabile*.

Le présent numéro comporte quelque 315 noms nouveaux provenant de "Descriptiones Cactacearum Novarum" de C. BACKEBERG. Quoique daté du 15 décembre 1956 il ne fut distribué qu'en fascicules par l'auteur et la publication effective a tout au plus eu lieu au début de 1957.

* * *

Auf dem vierten Zweijahres-Kongress der I.O.S. in Den Haag im August 1957 wurde ein gegenseitiges Abkommen zwischen Vertretern der I.O.S. und der I.A.P.T. erreicht, das eine engere Zusammenarbeit vorsieht, wobei die Mitgliedschaft zur I.O.S. automatisch auch die persönliche Mitgliedschaft zur I.A.P.T. einschließt. Auf diesem Wege werden die Mitglieder der I.O.S. in allen Teilen der Welt stets auf dem Laufenden gehalten über die Entwicklung der Taxonomie und der Nomenklatur, und besitzen eine verbesserte Möglichkeit für die Veröffentlichung ihrer Arbeiten.

Das I.O.S.-Repertorium, das für die ersten sechs Jahre als selbständige Publikation herausgegeben wurde, findet jetzt eine sichere Heimat in *Regnum Vegetabile*.

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DESCRIPTIONES NOVAE 1950

(Supplement)

Cactaceae

Chichipia Backbg. n. gen. illeg. (Typ. *Cereus chichi* [Goss.]; = *Polaskia chichi* (Goss.) Backbg. 1949, typus) in Marnier-Lapostolle Liste des Cactées du Jard. Bot. des Cèdres, June 1950, 12.

COMBINATIONES NOVAE 1951

(Supplement)

Passifloraceae

Adenia craibii Chatterjee nom. nov. (= *Mordecca apiculata* Masters; *Adenia apiculata* (Masters) Chakr. nom. invalidum) in Bull. Bot. Soc. Bengal VI, ii, 1951, 139.

DESCRIPTIONES NOVAE 1953

(Supplement)

Crassulaceae

Sedum borissovae B. Balkovsky n. sp. in Not. Syst. Herb. Inst. Bot. Nom. V. L. Komarovii Acad. Sci. URSS XV, 1953, 85-9.

Sedum hillebrandii B. Balkovsky n. sp. in Not. Syst. Herb. Inst. Bot. Nom. V. L. Komarovii Acad. Sci. URSS XV, 1953, 85-9.

DESCRIPTIONES NOVAE 1954

(Supplement)

Cactaceae

Pediocactus hermannii Marshall n. sp. in Saguaro Land Bull. VIII. vii, Aug.-Sept. 1954, 78-81.

DESCRIPTIONES NOVAE 1956

Asclepiadaceae

- Brachystelma floribundum* Dyer n. sp. in Fl. Pl. Afr. XXXI, Sept. 1956, t. 1224.
- Brachystelma montanum* Dyer n. sp. in Bothalia VI. iii, 1956, 540-1.
- Brachystelma pilosum* Dyer n. sp. in Bothalia VI. iii, 1956, 541-2.
- Caralluma marlothii* N.E.Br. var. *viridis* Lamb n. var. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 75-7.
- Caralluma burchardii* N.E.Br. var. *sventenii* Lamb n. var. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 75-7.
- Duvalia procumbens* Dyer n. sp. in Fl. Pl. Afr. XXXI, July 1956, t. 1218.
- Echidnopsis adamsonii* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Echidnopsis angustiloba* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 107 in clav.
- Echidnopsis archeri* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Echidnopsis bihendulensis* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 107 in clav.
- Echidnopsis ciliata* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Echidnopsis jacksonii* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Echidnopsis modesta* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Echidnopsis planiflora* Bally n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 102, 107, 109.
- Echidnopsis sharpei* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 102, 107 in clav.
- Echidnopsis urceolaris* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.

- Echidnopsis watsonii* Bally n. sp. subnud. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 108 in clav.
- Huernia erinacea* Bally n. sp. in Fl. Pl. Afr. XXXI, Jan. 1956, t. 1206.

Cactaceae

- Annemarnieria* Buxbaum n. subgen. (Gen. *Cleistocactus* Lem.; typ. *C. smaragdiflorus* (Web.) Br. & R.) in Cactus No. 51, Oct. 1956, 87-91.
- Arequipa erectocylindrica* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 18.
- Armatocereus arboreus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Armatocereus cartwrightianus* var. *longispinus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 14.
- Armatocereus churinensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Armatocereus oligogonus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Armatocereus procerus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13; Cactus No. 51, Oct. 1956, 95.
- Armatocereus rauhii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Armatocereus riomajensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Austrocylindropuntia intermedia* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 6.
- Austrocylindropuntia miquelii* var. *jilestii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Austrocylindropuntia steiniana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 6.
- Austrocylindropuntia tephrocactoides* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 6.

- Austrocylindropuntia verschaffeltii* var. *longispina* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Azureocereus viridis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Borzicactus aequatorialis* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Brasiliopuntia neoargentina* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Cereus braunii* Cardenas n. sp. in Succulenta Jan.-Feb. 1956, 2-5.
- Cereus comarapanus* Cardenas n. sp. in Succulenta Jan.-Feb. 1956, 3-6.
- Cereus (Azureocereus?) deflexispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Cleistocactus angosturensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 60-1.
- Cleistocactus ayopayanus* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 58-9.
- Cleistocactus compactus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Cleistocactus (?) crassiserpens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Cleistocactus grossei* (Weing. nom.) Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Cleistocactus ianthinus* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 57-8.
- Cleistocactus luribayensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 59-60.
- Cleistocactus morawetzianus* var. *pynacanthus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 17.
- Cleistocactus ressinianus* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 55-6.
- Cleistocactus rojoi* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 56-7.
- Cleistocactus tarijensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. ii, March-April 1956, 54-5.
- Cleistocactus (?) tenuiserpens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Copiopoa haseltoniana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Corryocactus ayacuchoensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus ayacuchoensis* var. *leucacanthus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus brevispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus heteracanthus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus krausii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus pachycladus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Corryocactus puquiensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Crassocereus* Backeb. n. subgen. (Genus *Neobuxbaumia* Backeb.; Typ. *Neobuxbaumia polylopha* (D.C.) Backeb.) in Backeberg Descr. Cact. Nov. 1956, 6.
- Cullmannia* C. Distefano n. gen. (Type: *C. viperina* (Weber) C. Distefano) in Kakt. und and. Sukk. VII. i, 1956, 8-9.
- Cylindropuntia* Knuth emend. Backeb. in Backeberg Descr. Cact. Nov. 1956, 5.
- Cylindropuntia densiaculeata* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 6.
- Dolichothele* (K. Sch.) Br. & R. emend. Backeb. in Backeberg Descr. Cact. Nov. 1956, 5.
- Echinocereus tayopensis* Marshall n. sp. in Sag. Bull. X. vii, Aug.-Sept. 1956, 78-80.
- Echinopsis albispinosa* var. *fuauxiana* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Echinopsis arebaloi* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iii, May-June 1956, 73-4.
- Echinopsis cochabambensis* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 28.
- Echinopsis dehrenbergii* var. *blossfeldii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 27.
- Echinopsis hammerschmidii* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iii, May-June 1956, 72-3.
- Echinopsis herbasii* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iv, July-Aug. 1956, 111-2.

- Echinopsis ibicuatensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iii, May-June 1956, 74-5.
- Echinopsis leucantha* var. *volliana* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Echinopsis subdenudatus* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iii, May-June 1956, 71-2.
- Echinopsis torrecillasensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iv, July-Aug. 1956, 110-1.
- Epiphyllum chryso-cardium* Alexander n. sp. in Cact. & Succ. J. Amer. XXVIII. i, Jan.-Feb. 1956, 3-6.
- Erdisia aureispina* Backeb. & Jacobs. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Erdisia quadrangularis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Erdisia tenuicula* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Eriogyne ceratistes* var. *combarbalensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 33.
- Eriogyne ceratistes* var. *coquimbensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Eriogyne ceratistes* var. *jorgensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 33.
- Eriogyne ceratistes* var. *mollesensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Eriogyne ceratistes* var. *vallenarensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Eriogyne ceratistes* var. *zorillaensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Espostoa laticornua* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 35.
- Espostoa laticornua* var. *atroviolacea* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 35.
- Espostoa laticornua* var. *rubens* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 35.
- Espostoa procera* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 35; Cactus No. 49, May 1956, 28, 29.
- Eucleistocactus* Buxbaum n. subgen. illeg. (= *Cleistocactus* Lem. subgen. *Cleistocactus*) in Cactus No. 51, Oct. 1956, 87-91.
- Gymnocereus amstutziae* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Haageocereus acanthocladus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus achaetus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus acranthus* var. *crassispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus acranthus* var. *fortalezensis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus acranthus* var. *metachrous* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus (Loxanthocereus?) ambiguus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus (Loxanthocereus?) ambiguus* var. *reductus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus australis* var. *acinacispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus clavispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus comosus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus crassiareolatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus crassiareolatus* var. *smaragdisepalus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus deflexispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus dichromus* Rauh & Backeb. n. sp. (*H. marksianus* Ritter n. nud.) in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus dichromus* var. *pallidior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus divaricatispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus horrens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 22.

- Haageocereus horrens* var. *sphaerocarpus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus icosagonoides* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus lackayensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus laredensis* var. *longispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus litoralis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus longiareolatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus (Loxanthocereus ?) mamillatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus (Loxanthocereus ?) mamillatus* var. *brevior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus (Loxanthocereus ?) oconacamanensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus olowinskianus* var. *repandus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus olowinskianus* var. *repandus* subvar. *erythranthus* Rauh & Backeb. n. subv. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus olowinskianus* var. *rubriflorior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus olowinskianus* var. *subintertextus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus pachystele* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus (Loxanthocereus ?) paradoxus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus peniculatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus piliger* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus pluriflorus* Rauh & Backeb. n. sp. in Backeb. Descr. Cact. Nov. 1956, 23.
- Haageocereus pseudoacranthus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus pseudomelanostele* var. *carminiflorus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus pseudoversicolor* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus repens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus rigidispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 26.
- Haageocereus seticeps* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus seticeps* var. *robustispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus smaragdiflorus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 21.
- Haageocereus symmetros* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 24.
- Haageocereus tenuispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 22.
- Haageocereus turbidus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus turbidus* var. *maculatus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 25.
- Haageocereus versicolor* var. *catacanthus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus zehnderi* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 23.
- Haageocereus zonatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 22.
- Heliabrava* Backbg. n. gen. in J. Cact. & Succ. Soc. G.B. XVIII. i, Jan. 1956, 12, 23. (Type: *H. chende* (Goss.) Backbg. [p. 12]).
- Hylocereus estebanensis* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Islaya brevicylindrica* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Islaya copiapoides* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Islaya grandiflorens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.

- Islaya grandis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Islaya paucispinosa* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Lobivia arachnacantha* Buining & Ritter n. sp. in Succulenta May-June 1956, 37-8.
- Lobivia brunneo-rosea* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia cylindracea* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia elongata* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia famatimensis* var. *setosa* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *albihepatica* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *bicolor* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *chrysantha* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *cinnabarina* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *croceantha* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *durispina* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *grandiflora-stellata* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia haageana* var. *leucoerythrantha* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia huilcanota* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia incuiensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia lauramarca* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia mirabunda* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia nigrispina* var. *rubriflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Lobivia pseudocachensis* var. *cinnabarina* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia pseudocachensis* var. *sanguinea* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia pugionacantha* var. *flaviflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia rossii* var. *carminata* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia rossii* var. *salmonea* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia rossii* var. *sanguinea* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia sanguiniflora* var. *pseudolateritia* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Lobivia schieliana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 30.
- Lobivia schneideriana* var. *carnea* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 29.
- Lobivia schneideriana* var. *cuprea* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia varians* var. *rubro-alba* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Lobivia vatteri* var. *robusta* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Lobivia wrightiana* var. *brevispina* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Loxanthocereus aticensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus camanaensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus canetensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus clavispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus erectispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus erigens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus eulalianus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.

- Loxanthocereus ferrugineus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus gracilispinus* Rauh & Backeb. n. sp. (*L. rhodoflorus* Akers? n. nud.) in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus granditessellatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus hystrix* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus multifloccosus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus nanus* (Akers n. nud.) Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 17.
- Loxanthocereus* (*Haageocereus*?) *pachycladus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus peculiaris* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus piscoensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 16.
- Loxanthocereus pullatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Loxanthocereus pullatus* var. *fulviceps* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus* (*Haageocereus*?) *riomajensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 15.
- Loxanthocereus splendens* (Akers n. nud.) Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Loxanthocereus sulcifer* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 14.
- Loxanthocereus sulcifer* var. *longispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 14.
- Mammillaria matudae* Hollis n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 83-4, 98.
- Mammillaria meyranii* Hollis n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. iv, Oct. 1956, 84, 98.
- Mammillaria mitlensis* Hollis n. sp. in Cact. y Suc. Mex. I. v, July-Sept. 1956, 85-7.
- Matucana blancii* Backbg. n. sp. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 70-1.
- Matucana blancii* Backbg. var. *nigriarmata* Backbg. n. var. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 70-1.
- Matucana breviflora* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana brunnescens* Backbg. nom. nud. ex Rauh in Cactus No. 50, July 1956, 64.
- Matucana cereoides* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana elongata* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana haynei* var. *erectipetala* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana herzogiana* Backbg. n. sp. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 70-1.
- Matucana herzogiana* Backbg. var. *perplexa* Backbg. n. var. in Nat. Cact. & Succ. J. XI. iv, Dec. 1956, 70-1.
- Matucana hystrix* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana hystrix* var. *atrispina* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana hystrix* var. *umadeavoides* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana multicolor* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana variabilis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 19.
- Matucana variabilis* var. *fuscata* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 20.
- Matucana weberbaueri* (Vaup.) Backbg. var. *blancii* Backbg. nom. nud. ex Rauh in Cactus No. 50, July 1956, 64.
- Matucana yanganucensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana yanganucensis* var. *albispina* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana yanganucensis* var. *fuscispina* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana yanganucensis* var. *parviflora* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 19.

- Matucana yanganucensis* var. *salmonea* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Matucana yanganucensis* var. *suberecta* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Mediocactus hahnianus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 10.
- Medioblobivia aurantida* var. *flaviflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Medioblobivia aureiflora* var. *aureiflora* subvar. *leucolutea* Backeb. n. subvar. (*M. aureiflora* var. *leucolutea* Backeb. n. nud.) in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia aureiflora* var. *aureiflora* subvar. *lilacinostoma* Backeb. n. subvar. (*M. aureiflora* var. *lilacinostoma* Backeb. n. nud.) in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia euanthema* var. *fricii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia fauxiana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 31.
- Medioblobivia neopygmaea* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia pectinata* var. *neosteinmannii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia schmiedcheniana* var. *einsteinii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia schmiedcheniana* var. *karreri* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia schmiedcheniana* var. *rubriviridis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Medioblobivia schmiedcheniana* var. *steineckeii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 30.
- Melocactus amstutziae* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus bellavistensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus bellavistensis* forma *minor* Rauh & Backeb. n. form. (var. ?) in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus fortalezensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus trujilloensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus trujilloensis* var. *schoenii* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 36.
- Melocactus unguispinus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 36.
- Micropuntia gracilicylindrica* Wiegand & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Micropuntia pygmaea* Wiegand & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Micropuntia tuberculorhopalica* Wiegand & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Micropuntia wiegandii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Mila albisaetacens* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila breviseta* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 12.
- Mila cereoides* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila densiseta* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila fortalezensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila lurinensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila nealeana* var. *tenuior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila pugionifera* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila sublanata* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 11.
- Mila sublanata* var. *pallidior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 11.
- Monvillea jaenensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 33.
- Morawetzia doelziana* var. *calva* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 18.
- Neobinghamia* Backeb. gen. emend. in Backeberg Descr. Cact. Nov. 1956, 5.
- Neobinghamia climaxantha* var. *armata* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 34.

- Neobinghamia climaxantha* var. *lurinensis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 34.
- Neobinghamia climaxantha* var. *subfusciflora* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 34.
- Neobinghamia mirabilis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 35.
- Neobinghamia multiareolata* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 34.
- Neobinghamia multiareolata* var. *superba* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 35.
- Neobinghamia villigera* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 35.
- Neopeireskia* Backeb. n. subgen. (Gen. *Peireskia* Mill.; Typ. *Peireskia diaz-romeroana* Card.) in Backeberg Descr. Cact. Nov. 1956, 5.
- Neoraimondia arequipensis* var. *rhodantha* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 13.
- Neoraimondia arequipensis* var. *riomajensis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 13.
- Neoraimondia aticensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 13.
- Neoraimondia gigantea* var. *saniensis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 13.
- Nopalea esquiintlensis* Matuda n. sp. in Cact. y Succ. Mex. I. iii, Jan.-March 1956, 43-4.
- Notocactus* (K. Sch.) Berg. emend. Backeb. in Backeberg Descr. Cact. Nov. 1956, 5.
- Opuntia aciculata* var. *orbiculata* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia arcei* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iv, July-Aug. 1956, 113-4.
- Opuntia armata* var. *panellana* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 9.
- Opuntia curassavica* var. *colombiana* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia engelmannii* x *phaeacantha* Anthony n. hybr. in Amer. Midl. Natur. LV, Jan. 1956, 250-1.
- Opuntia ficus-indica* forma *reticulata* Backeb. n. form. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia fragilis* var. *denudata* Wiegand & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia fragilis* var. *parviconspicua* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia grahamii* x *schottii* Anthony n. hybr. in Amer. Midl. Natur. LV, Jan. 1956, 239-40.
- Opuntia imbricata* var. *argentea* Anthony n. var. in Amer. Midl. Natur. LV, Jan. 1956, 236.
- Opuntia inamoena* var. *flaviflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia kleiniae* x *leptocaulis* Anthony n. hybr. in Amer. Midl. Natur. LV, Jan. 1956, 232-4.
- Opuntia lindheimeri* var. *chisosensis* Anthony n. var. in Amer. Midl. Natur. LV, Jan. 1956, 252-3.
- Opuntia macbridei* var. *orbicularis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia macrocentra* var. *minor* Anthony n. var. in Amer. Midl. Natur. LV, Jan. 1956, 244-5.
- Opuntia microdasys* var. *albispina* Fobe n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia orurensis* Cardenas n. sp. in Cact. & Succ. J. Amer. XXVIII. iv, July-Aug. 1956, 112-3.
- Opuntia pilifera* var. *aurantisaeta* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia robusta* var. *longiglochidiata* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Opuntia rufida* var. *tortiflora* Anthony n. var. in Amer. Midl. Natur. LV, Jan. 1956, 240.
- Opuntia spinosibacca* Anthony n. sp. in Amer. Midl. Natur. LV, Jan. 1956, 246-9.
- Opuntia woodsii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 10.
- Oreocereus hendriksonianus* var. *densilanatus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 17.

- Oreocereus hendriksenianus* var. *spinosissimus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 17.
- Oreocereus trollii* var. *tenuior* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 17.
- Oroya borchersii* var. *fuscata* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Oroya depressa* Backbg. nom. nud. ex Rauh in Cactus No. 51, Oct. 1956, 96.
- Oroya laxiareolata* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 32.
- Oroya neoperuviana* var. *depressa* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Oroya neoperuviana* var. *ferruginea* Rauh & Backeb. n. var. in Backeb. Descr. Cact. Nov. 1956, 32.
- Oroya subocculta* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 32.
- Oroya subocculta* var. *albispina* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Oroya subocculta* var. *fusca* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 32.
- Pachycereus tehuantepecanus* MacDougall n. sp. in Cact. y Suc. Mex. I. iv, April-June 1956, 63-7.
- Parodia aureicentra* var. *lateritia* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Parodia aureispina* var. *elegans* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Parodia breviamata* W. Haage n. sp. in Backeberg Descr. Cact. Nov. 1956, 31.
- Parodia mutabilis* var. *elegans* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Parodia saint-pieana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 31.
- Peireskia vargasii* var. *longispina* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Peireskia vargasii* var. *rauhii* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Pilosocereus gironensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 34.
- Pilosocereus tuberculatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 34.
- Pseudolobivia aurea* var. *grandiflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 28.
- Pyrrhocactus* Berg. emend. Backeb. in Backeberg Descr. Cact. Nov. 1956, 5.
- Pyrrhocactus* (*Austrocactus* ?) *vollianus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 31.
- Pyrrhocactus* (*Austrocactus* ?) *vollianus* var. *breviaristatus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Quiabentia chacoensis* var. *jujuyensis* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Quiabentia pereziensis* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 6.
- Rauhocereus* Backeb. n. gen. (Typ. *R. riosaniensis* Backeb.) in Backeberg Descr. Cact. Nov. 1956, 5.
- Rauhocereus riosaniensis* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 5, 20.
- Rebutia xanthocarpa* var. *coerulescens* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- Rebutia xanthocarpa* var. *violaciflora* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 31.
- 'Rettigsche Hybride' Backbg. n. hybr. (= *Heliocereus speciosus* × *Marniera* sp. ?) in Cactus No. 48, March 1956, 13-4.
- Rhipsalis goebeliana* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 10.
- Rhipsalis heptagona* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 10.
- Tacinga atropurpurea* var. *zehntnerioides* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 10.
- Tephrocactus* Lem. emend. Backeb. in Backeberg Descr. Cact. Nov. 1956, 5.
- Tephrocactus asplundii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Tephrocactus blancii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus corotilla* var. *aurantiaciflorus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus crassicylindricus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus crispicrinatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 7.

- Tephrocactus crispicrinus* var. *cylindraceus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus crispicrinus* var. *cylindraceus* subvar. *flavicomus* Rauh & Backeb. n. subvar. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus crispicrinus* var. *tortispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus cylindrolanatus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus floccosus* var. *canispinus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 6.
- Tephrocactus floccosus* var. *crassior* subvar. *aurescens* Rauh & Backeb. n. subvar. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus floccosus* var. *ovoides* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus fulvicomus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Tephrocactus fulvicomus* var. *bicolor* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 9.
- Tephrocactus hirschii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus ignescens* var. *steinianus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 9.
- Tephrocactus lagopus* var. *aureo-penicillatus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus lagopus* var. *aureus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus lagopus* var. *aureus* subvar. *brachycarpus* Rauh & Backeb. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus lagopus* var. *leucolagopus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus lagopus* var. *pachycladus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus mirus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus muellerianus* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus noodtii* Backeb. & Jacobs. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus platyacanthus* var. *angustispinus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus platyacanthus* var. *neoplatyacanthus* Backeb. n. var. (*Opuntia platyacantha* sensu K. Sch. non Salm-Dyck) in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus pseudo-udonis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 7.
- Tephrocactus punta-caillan* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus pyrrhacanthus* var. *leucoluteus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 9.
- Tephrocactus rauhii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 7; Cactus No. 50, July 1956, 62, 63; Cact. & Succ. J. Gt. Brit. XVIII, Oct. 1956, 103, 122; XIX, Jan. 1957, 11.
- Tephrocactus yanganucensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 8.
- Tephrocactus zehnderi* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 9.
- Trichocereus chalaensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 20.
- Trichocereus puquiensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 20.
- Trichocereus santaensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 20.
- Trichocereus skottsbergii* var. *breviatus* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 20.
- Trichocereus taquimbalensis* var. *wilkeae* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 20.
- Trichocereus tarmaensis* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 20.
- Weberbauerocereus horridispinus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 27.
- Weberbauerocereus rauhii* Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 27.
- Weberbauerocereus seyboldianus* Rauh & Backeb. n. sp. in Backeberg Descr. Cact. Nov. 1956, 27.

Weberbauerocereus weberbaueri var. *aureifuscus* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 27.

Weberbauerocereus weberbaueri var. *horribilis* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 27.

Weberbauerocereus weberbaueri var. *humilior* Rauh & Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 27.

Weberbauerocereus weberbaueri var. *weberbaueri* Backeb. n. var. in Backeberg Descr. Cact. Nov. 1956, 27.

Werckleocereus imitans Kimnach & Hutchinson n. sp. in Cact. & Succ. J. Amer. XXVIII. v, Sept.-Oct. 1956, 152-6.

Compositae

Kleinia cucullata Boom n. sp. in Succulenta March-April 1956, 17-9.

Senecio articulatus (L.f.) Sch. Bip. forma *globosus* Jacobs. n. form. in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 61.

Senecio citriformis Rowley n. sp. (= *S. pusillus* Dinter nom. nud. 1935 et Jacobs. 1954, non auct. alia; *Kleinia pusilla* Dinter nom. nud. 1935; *Senecio gracilis* hort. non auct.) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 61; XII. ii, June 1957, 38-9.

Crassulaceae

Adromischus alveolatus P. C. Hutchison n. sp. in Cact. & Succ. J. Amer. XXVIII. vi, Nov.-Dec. 1956, 183-5.

Adromischus hallii P. C. Hutchison n. sp. in Cact. & Succ. J. Amer. XXVIII. v, Sept.-Oct. 1956, 144-7.

× *Bryokalanchoe lisbonensis* Resende *lisbonensis* nom. nud. (= *Bryophyllum daigremontianum* Berg. × *Kalanchoe blossfeldiana* v. Poelln.) in Bol. Soc. Port. Cienc. Nat. VI, 1956, 241-3.

× *Bryokalanchoe lisbonensis* Resende var. 'Feuerblüte' nom. nud. (= *Bryophyllum daigremontianum* Berg. × *Kalanchoe blossfeldiana* v. Poelln.) in Bol. Soc. Port. Cienc. Nat. VI, 1956, 241-3.

Cotyledon decussata Sims var. *hinrichseniana* Jacobsen n. var. in Kakt. und and. Sukk. VII. iv (1956) 51-2.

Graptopetalum goldii Matuda n. sp. (as *G. "goldii"*) in Cact. y Suc. Mex. I. v, July-Sept. 1956, 89-90, 99.

Graptopetalum grande Alexander n. sp. in Cact. & Succ. J. Amer. XXVIII. vi, Nov.-Dec. 1956, 174-6.

Graptopetalum mexicanum Matuda n. sp. in Cact. y Suc. Mex. I. vi, Oct.-Dec. 1956, 103-4.

Orostachys genkaiensis Ohwi n. sp. in J. Jap. Bot. XXXI. v, May 1956, 134-8.

Euphorbiaceae

Euphorbia × *doinetiana* Guillaumin n. hybr. (= *E. pseudocactus* ♀ × *franciana* ♂) in Bull. Hort. n.s. XI, March 1956, 77; Cactus No. 48, March 1956, 19-20.

Ficoidaceae

Conophytum craterulum Tischer n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. ii, April 1956, 31, 36.

Conophytum fragile Tischer n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. ii, April 1956, 32, 36.

Conophytum jacobsonianum Tischer n. sp. in J. Cact. & Succ. Soc. G.B. XVIII. iii, July 1956, 55, 59.

Conophytum marnierianum Tisch. & Jacobs. n. sp. ("Cleistocactus Lem." in error) in Cactus No. 51, Oct. 1956, 92-3.

Lithops annae De Boer n. sp. in Succulenta Nov.-Dec. 1956, 90-2.

Muirio-gibbaeum muirioides Rowley nom. nov. (= *Muirio-gibbaeum* sp. Jacobs. 1933; *Muiria hortenseae* N.E.Br. × *Gibbaeum album* N.E.Br.) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.

Liliaceae

Aloe amudatensis Reynolds n. sp. in J. S. Afr. Bot. XXII. iii, July 1956, 136-7.

Aloe bellatula Reynolds n. sp. in J. S. Afr. Bot. XXII. iii, July 1956, 132-4.

Aloe modesta Reynolds n. sp. in J. S. Afr. Bot. XXII. ii, April 1956, 85-6.

Aloe peckii Bally & Verdoorn n. sp. in Fl. Pl. Afr. XXXI, July 1956, t. 1214.

Aloe schweinfurthii Bak. var. *labworana* Reynolds n. var. in J. S. Afr. Bot. XXII. iii, July 1956, 140-1.

Aloe wilsonii Reynolds n. sp. in J. S. Afr. Bot. XXII. iii, July 1956, 137-40.

Aloe wrefordii Reynolds n. sp. in J. S. Afr. Bot. XXII. iii, July 1956, 141-3.

Guillauminia Bertrand n. gen. (Type: *G. albiflora* Guill.) in Cactus No. 49, May 1956, 41-2.

COMBINATIONES NOVAE 1956

Cactaceae

- Azureocereus hertlingianus* Backbg. n. comb. subnud. (= *Clistanthocereus hertlingianus* Backbg.) ex Rauh in Cactus No. 51, Oct. 1956, 94.
- Cullmannia viperina* (Weber) C. Distefano n. comb. (= *Cereus viperinus* Web. 1904; *Wilcoxia viperina* (Web.) Br. & R. 1913) Kakt. und and. Sukk. VII. i (1956) 9-10.
- Echinocereus pectinatus* (Scheidw.) Engelm. var. *bristolii* Marshall n. comb. (= *Echinocereus bristolii* Marshall in Cact. & Succ. J. Amer. IX. x, 1938, 160) Sag. Bull. X. vii, Aug.-Sept. 1956, 81-2.
- Heliabravoa chende* (Goss.) Backbg. n. comb. subnud. (= *Cereus chende* Goss.) in J. Cact. & Succ. Soc. G.B. XVIII. i, Jan. 1956, 12, 23.
- Mammillaria shurliana* Gates n. comb. (= *M. blossfeldiana* Boed. var. *shurliana* Gates in Cact. & Succ. J. Amer. XIII, 1941, 78.) in J. Cact. & Succ. Soc. G.B. XVIII. ii, April 1956, 30, 35; iii, July 1956, 59; iv, Oct. 1956, 105.
- Opuntia engelmannii* var. *wootonii* (Griffiths) Anthony n. comb. (= *O. wootonii* Griffiths in Rep. Miss. Bot. Gdns. XXI, 1910, 171) in Amer. Midl. Natur. LV, Jan. 1956, 249-50.
- Toumeyia klinkeriana* (Backbg. & Jacobs.) Bravo & Marshall n. comb. (= *Turbini-carpus klinkerianus* Backbg. & Jacobs. in Sukkulentenkunde II, 1948, 27) Sag. Bull. X. x, Dec. 1956, 116.

Compositae

- Senecio amaniensis* (Engl.) Jacobs. n. comb. (= *Notonia amaniensis* Engl. 1905; *Kleinia amaniensis* (Engl.) Berg. 1910) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Senecio archeri* (Compt.) Jacobs. n. comb. (= *Kleinia archeri* Compt. 1934) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Senecio cephalophorus* (Compt.) Jacobs. n. comb. (= *Kleinia cephalophora* Compt. 1949) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.

- Senecio mandraliscae* (Tin.) Jacobs. n. comb. (= *Kleinia mandraliscae* Tineo) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Senecio ovoideus* (Compt.) Jacobs. n. comb. (= *Kleinia ovoidea* Compt. 1934) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Senecio polycotomus* (Chiov.) Jacobs. n. comb. (= *Kleinia polycotoma* Chioevoda 1929) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Senecio spiculosus* (Sheph.) Rowley n. comb. (= *Kleinia spiculosa* T. B. Shepherd 1902; *Kleinia cylindrica* Berg. 1905; *Senecio cylindricus* (Berg.) Jacobs. 1951; *Kleinia spicata* hort.; *Kleinia spinulosa* hort.) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.

Crassulaceae

- Altamiranoa diffusa* (Rose) Jacobs. n. comb. (= *Villadia diffusa* Rose 1911) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Altamiranoa erecta* Jacobs. nom. nov. (= *Villadia stricta* Rose 1905; *Altamiranoa stricta* (Rose) Walth. 1938 non (Diels) Berg. 1930; non *Cotyledon stricta* Diels 1906) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Umbilicus rupestris* (Salisb.) Dandy var. *truncatus* (W. Dod) Rowley n. comb. (= *U. pendulinus* D.C. var. *truncatus* W. Dod 1914) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.
- Umbilicus rupestris* (Salisb.) Dandy var. *velenovskyi* (Rohl) Rowley n. comb. (= *U. pendulinus* D.C. var. *velenovskyi* Rohl) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.

Ficoidaceae

- Micropterum sessiliflorum* (Ait.) Schwant. var. *album* (Haw.) Jacobs. n. comb. (= *Mesembryanthemum sessiliflorum* Ait. var. *album* Haw. 1821; *Cryophytum burchellii* N.E.Br.) in Nat. Cact. & Succ. J. XI. iii, Sept. 1956, 60.

Liliaceae

Aloe alooides (Bolus) van Druten n. comb.
(= *Urginea alooides* Bol. in J. Linn. Soc.
XVIII, 1881, 395; *Notosceptrum alooides*
Benth. 1883; *Aloe recurvifolia* Groen. 1935)
in *Bothalia* VI. iii, 1956, 544-5.

Aloe perrieri Reynolds nom. nov. (= *A.*
parvula Perrier non Berger in Mem. Soc.
Linn. Norm. I. i, 1926, 26) in J. S. Afr.
Bot. XXII. iii, July 1956, 131.

Guillauminia albiflora Guill. n. comb. (= *Aloe albiflora* Guill. in Bull. Mus. Paris Ser. 2, XII, 1940, 353) in *Cactus* No. 49, May 1956, 41-2.

NOMINA NUDA 1956

(1) *Parviopuntia* in *Cactus* No. 48, March 1956, 9-12, 24. N. gen. nud. and several nom. nud. derived from *Opuntia* Mill.

(2) KRAINZ, H. Die Kakteen. Suprageneric taxa in Cactaceae by F. BUXBAUM.

WHAT IS THE I.O.S.?

The INTERNATIONAL ORGANISATION FOR SUCCULENT PLANT RESEARCH came into being in 1949 by the common desire of experimenters throughout the world to know more of each others' work. It has achieved recognition as a Commission of the Division of Botany of the I.U.B.S. (International Union of Biological Sciences), a branch of U.N.E.S.C.O., but receives no monetary support, being financed entirely by the members themselves. Membership is by election only and confined to leading succulent specialists in each country who form a National Section in close contact with succulent societies and amateur and professional growers. Congresses are held biennially to allow members of different countries to compare their points of view.

QU'EST—CE QUE L'I.O.S.?

L'ORGANISATION INTERNATIONALE POUR LA RECHERCHE SUR LES PLANTES SUCCULENTES est née en 1949 du commun désir de chaque savant de mieux connaître le travail de ses Collègues du monde entier.

Elle est maintenant reconnue comme une Commission de la Division de Botanique de l'I.U.B.S. (Union Internationale des Sciences Biologiques), dépendant de l'U.N.E.S.C.O., mais n'en recevant aucune aide financière, les membres eux-mêmes pourvoient à ses besoins.

Les Membres, admis par élection seulement, ne peuvent être pour chaque Nation que des spécialistes notoires des Plantes Succulentes; ils forment, pour chaque pays, une Section Nationale en contact étroit avec les Sociétés Cactophiles, les amateurs et les cultivateurs professionnels.

Des Congrès ont lieu tous les deux ans afin de permettre aux membres des différents pays de confronter leurs points de vue.

WAS IST DIE I.O.S.?

Die INTERNATIONALE ORGANISATION FÜR SUKKULENTENFORSCHUNG entstand 1949 aus dem allgemeinen Wunsch der Sukkulantenforscher der ganzen Welt nach gegenseitigem Austausch ihrer Kenntnisse und Erfahrungen. Sie ist als Kommission der Botanischen Abteilung der I.U.B.S. (Internationale Union der Biologischen Wissenschaften), einem Zweig der UNESCO, anerkannt, erhält aber keine finanzielle Unterstützung, sodaß sie gänzlich auf die Beiträge der Mitglieder angewiesen ist. Die Mitgliedschaft wird allein durch Wahl erworben und ist beschränkt auf führende Sukkulanten-Spezialisten in jedem Lande, die eine nationale Sektion bilden und im engen Kontakt mit den Sukkulanten-Vereinigungen, den Liebhabern und Berufs-Züchtern stehen.

Die Kongresse werden jedes zweite Jahr abgehalten, um eine bessere Verständigung zwischen den Mitgliedern der verschiedenen Länder zu pflegen.

* * *

REFS. "The I.O.S. in Britain" in *Nat. Cact. & Succ. J.* XII, 1957, 16.

"The I.O.S. Repertorium Plantarum Succulentarum" in *l.c.* 42.

PUBLICATIONS

The only regular publication of the I.O.S. so far is the Repertorium, begun in 1951. Two mimeographed compilations by the British Section are available from the Hon. Secretary, Mr. J. D. Donald, "Villetta", Wicklands Avenue, Saltdean, Sussex, England.

Jusqu'ici, la seule publication régulière de l'I.O.S. est le Repertorium commencé en 1951. Deux compilations ronéotypées, oeuvres de la Section Britannique, peuvent être obtenues auprès de Son Secrétaire: M. J. D. Donald, Wicklands Avenue, Saltdean, Sussex, Angleterre.

Die einzige regelmäßige Veröffentlichung der I.O.S. ist bisher das Repertorium, das 1951 begonnen wurde. Zwei vervielfältigte Zusammenstellungen von der Britischen Sektion können bezogen werden vom Mr. J. D. Donald, "Villetta", Wicklands Avenue, Saltdean, Sussex, England.

REPERTORIUM PLANTARUM SUCCULENTARUM

<i>Number</i>	<i>Year</i>	<i>Editors</i>	<i>Names included</i>
1	1950*	H. M. ROAN & A. J. A. UITEWAAL	248
2	1951	H. M. ROAN & G. D. ROWLEY	337
3	1952	H. M. ROAN & G. D. ROWLEY	268
4	1953	H. M. ROAN & G. D. ROWLEY	150
5	1954	G. D. ROWLEY & H. M. ROAN	247
6	1955	G. D. ROWLEY	127**
7	1956	G. D. ROWLEY	433**

* Out of print.

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E. SHURLY

"A List of Specific Names and Synonyms of Mammillarias" with Supplement. 1952-3. Price 15/-.

J. D. DONALD

"A Rebutia Reference and Synonymy". 1954. Price 10/-.

