

*Regnum Vegetabile* vol. 87

---

**Reper-  
torium  
plantarum  
succulen-  
tarum  
XXII-1971**

---

*Edited by G. D. Rowley, assisted by L. E. Newton*



---

*Regnum Vegetabile, a series of publications for the use of plant taxonomists, volume 87*  
*Repertorium Plantarum Succulentarum XXII*

---

ISBN 90 6046 093 6

---

# Reper- torium plantarum succulen- tarum

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



---

*Published under the auspices of  
The International Organization for Succulent Plant Study  
l'Organisation Internationale de Recherches sur les Plantes Succulantes  
Der Internationalen Organisation für Sukkulantenforschung  
(Int. Commission for Succulent Plant Study of the I.U.B.S.)*

---

# Reper- torium plantarum succulen- tarum XXII-1971

*Edited by G. D. Rowley,  
Agricultural Botany Department,  
The University,  
Reading, England*



*assisted by L. E. Newton  
The University,  
Kumasi,  
Ghana*

---

*May 1973  
Utrecht, Netherlands  
Published for the International Association for Plant Taxonomy  
by Oosthoek's Uitgeversmaatschappij B.V.  
Domstraat 5-13, Utrecht, Netherlands*

## 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 Unesco, 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. The twelfth Congress will be held at Reading University, England, in September 1973.

## 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'Unesco, 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. Le douzième Congrès devant avoir lieu à l'Université de Reading, Angleterre, en Septembre 1973.

## 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. Der zwölfte Kongress wird an der Reading Universität, England, in September 1973 stattfinden.

NOMINA NOVA  
=====

ASCLEPIADACEAE  
=====

- Caralluma dodsoniana Lavr., Cact. Succ. J. Amer. 43: 60-61,  
Mar.-Apr. 1971.
- Caralluma kochii Lavr. ("Carraluma"), Cact. Succ. J. Amer. 43:  
61-62, Mar.-Apr. 1971.
- Ceropegia mahabalei Hem. & Ans., Indian Forester 97: 105-108, 1971.
- Cynanchum antandroy Desc., Bull. Soc. Bot. France 118: 107-111,  
1971.
- Cynanchum juliani-marnieri Desc., Bull. Soc. Bot. France 118:  
105-108, 1971.
- Duvalia somalensis Lavr., Cact. Succ. J. Amer. 43: 65-67,  
Mar.-Apr. 1971.
- Echidnopsis chrysantha Lavr., Cact. Succ. J. Amer. 43: 65-66,  
Mar.-Apr. 1971.
- Echidnopsis mijerteina Lavr., Cact. Succ. J. Amer. 43: 64-65,  
Mar.-Apr. 1971.
- Pseudopectinaria Lavr., typ. P. malum Lavr., Cact. Succ. J. Amer.  
43: 9-11, Jan.-Feb. 1971.
- Pseudopectinaria malum Lavr., Cact. Succ. J. Amer. 43: 9-11,  
Jan.-Feb. 1971.
- Rhytidocaulon piliferum Lavr., Cact. Succ. J. Amer. 43: 62-64,  
Mar.-Apr. 1971.
- Stapelianthus hardyi Lavr., Nat. Cact. Succ. J. 26: 67-68, Sept.  
1971.
- Stultitia araysiana Lavr. & Bil., Cact. Succ. J. Amer. 43: 204-208,  
Sept.-Oct. 1971.

CACTACEAE  
=====

- Aylostera narvaecense Card., Cact. Succ. J. Amer. 43: 245-246,  
Nov.-Dec. 1971.
- Borzicactus aurantiacus Kimn. & Hutch. var. calvescens (Kimn. &  
Hutch.) Don. (= Borzicactus calvescens Kimn. & Hutch. in Cact.  
Succ. J. Amer. 29: 112, 1957; Matucana currundayensis Ritt.)  
Nat. Cact. Succ. J. 26: 10, March 1971.

- Borzicactus aurantiacus Kimn. & Hutch. var. megalanthus ("megalantha") (Ritt.) Don. (= Matucana megalantha Ritt. in Succulenta 1966: 117) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus aureiflorus (Ritt.) Don. (= Matucana aureiflora Ritt. in Kakt. and Sukk. 12: 229, 1965) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus formosus (Ritt.) Don. (= Matucana formosa Ritt. & var. minor Ritt. in Taxon 12: 125, 1963) (Nat. Cact. Succ. J. 26: 10, March 1971).
- Borzicactus fruticosus (Ritt.) Don. (= Matucana fruticosa Ritt. in Succulenta 1966: 117) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus intertextus (Ritt.) Don. (= Matucana intertexta Ritt. in Taxon 12: 125, 1963) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus intertextus Don. var. celendinensis (Ritt.) Don. (= Matucana celendinensis Ritt. in Succulenta 1966: 118) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus madisoniorum Hutch. var. pujupatii Don. & Lau, Nat. Cact. Succ. J. 26: 71-73, Sept. 1971; 10, March 1971 (nomen).
- Borzicactus oreodoxus (Ritt.) Don. (= Eomatucana oreodoxa Ritt. in Kakt. and. Sukk. 12: 230, 1965) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus paucicostatus (Ritt.) Don. (= Matucana paucicostata Ritt. in Taxon 12: 124, 1963) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus paucicostatus Don. forma robustispinus Don. & Lau, Nat. Cact. Succ. J. 26: 71-73, Sept. 1971.
- Borzicactus ritteri (Buin.) Don. (= Matucana ritteri Buin. in Succulenta 1959: 2) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus sepium Br. & R. var. morleyanus (Br. & R.) Krainz (= B. morleyanus Br. & R. in Cactaceae 2: 160-161, 1920) Die Kakteen CVb. June 1971.
- Borzicactus weberbaueri (Vaup.) Don. (= Echinocactus weberbaueri Vaup. in Bot. Jahrb. 50 Beibl. 111: 26, 1913) Nat. Cact. Succ. J. 26: 10, March 1971.
- Borzicactus weberbaueri Don. var. myriacanthus (Vaup.) Don. (= Echinocactus myriacanthus Vaup. in Bot. Jahrb. 50 Beibl. 111: 25, 1913) Nat. Cact. Succ. J. 26: 10, March 1971.
- Buiningia Buxb. n. gen. (Typ. B. brevicylindrica Buin.) Krainz Die Kakteen CIV, June 1971.
- Buiningia brevicylindrica Buin. var. Krainz Die Kakteen CIV, June 1971.



Buiningia brevicylindrica Buin. var. elongata Buin. Krainz Die Kakteen CIV, June 1971.

Buiningia brevicylindrica Buin. var. longispina Buin. Krainz Die Kakteen CIV, June 1971.

Coleocephalocereus pluricostatus Buin. & Bred. Krainz Die Kakteen CIVb, June 1971.

Conoideae Klad. & Fittk. n. sect. illeg. (Art. 22) (Genus Neolloydia Br. & R.; Typ. N. conoidea Br. & R. = Sect. Neolloydia) Krainz Die Kakteen CVIIIb, June 1971.

Coryphantha potosiana (Jac.) Glass & Foster (= Mammillaria potosiana Jacobi in Allg. Gartenz. 24: 92, 1856) Cact. Succ. J. Amer. 43: 7, Jan.-Feb. 1971.

Discocactus boomianus Buin. & Bred. Succulenta 50: 26-29, Feb. 1971.

x Echinobivia 'Andenken an A. V. Fric' Kilian (as Echinopsis) Stachelpost 6: 282, Nov. 1970.

x Echinobivia 'Andenken an Dr. Paul Schmidt' Kilian (as Echinopsis) Stachelpost 7: 371, July 1971; 427, Nov. 1971.

x Echinobivia 'Aubergine' Kilian (as Echinopsis) Stachelpost 7: 373, July 1971; 427, Nov. 1971.

x Echinobivia 'Azalee' Kilian (as Echinopsis) Stachelpost 7: 372, July 1971; 427, Nov. 1971.

x Echinobivia 'Daphne' Kilian (as Echinopsis) Stachelpost 7: 372-373, July 1971; 427, Nov. 1971.

x Echinobivia 'Heidelberg' Kilian (as Echinopsis) Stachelpost 7: 404, Sept. 1971; 428, Nov. 1971.

x Echinobivia 'Maya' (as Echinopsis) Stachelpost 7: 299, Jan. 1971.

x Echinobivia 'Meyrl' Kilian (as Echinopsis) Stachelpost 7: 404, Sept. 1971; 428, Nov. 1971.

x Echinobivia 'Morgenzauber' Kilian (as Echinopsis) Stachelpost 7: 403, Sept. 1971; 427, Nov. 1971.

x Echinobivia 'Niederrhein' Kilian (as Echinopsis) (Lobivia famatimensis x Echinopsis sp. ?) Stachelpost 6: 281-282, Nov. 1970.

x Echinobivia 'Nurnberg' Kilian (as Echinopsis) Stachelpost 6: 282-283, Nov. 1970.

x Echinobivia 'Orange Glory' Kilian (as Echinopsis) Stachelpost 7: 404, Sept. 1971; 428, Nov. 1971.

x Echinobivia 'Rosy Star' Kilian (as Echinopsis) Stachelpost 6: 282, Nov. 1970.

- \*Echinocereus triglochidiatus Eng. var. inermis (K. Sch.) Rowl.  
n. comb. (= E. phoeniceus Eng. var. inermis K. Sch. in Monatss.  
f. Kakteenk. 6: 150-153, 1896, and Gesamtb. d. Kakt. 283, 1898;  
E. coccineus Eng. var. inermis (K. Sch.) Purp. in Mitt.  
Deutsch. Dendr. Ges. 35: 49, 1925, & Boiss. & Davids. in Colo-  
rado Cacti: 39, 43, 1940; E. inermis hort. non Haage).
- Echinopsis mamillosa Gürke var. kermesina (Krainz) Friedr.  
(= Pseudolobivia kermesina Krainz in Beitr. Sukk.-pflege 1942:  
61-64) Kakt. and. Sukk. 22: 45, Mar. 1971.
- Echinopsis riviere-de-caraltii Card., Cact. Succ. J. Amer. 43:  
242-243, Nov.-Dec. 1971.
- Frailea cataphracta Br. & R. var. tuyensis Buin. & Mos., Succulenta  
50: 64-65, Apr. 1971; 135, July 1971 (Typ.).
- Frailea concepcionensis Buin. & Mos., Succulenta 50: 49-50, Mar.  
1971; 135, July 1971 (Typ.).
- Frailea friedrichii Buin. & Mos., Succulenta 50: 25, Feb. 1971;  
135, July 1971 (Typ.).
- Frailea ignacionensis Buin. & Mos., Succulenta 50: 63-64, Apr.  
1971; 135, July 1971 (Typ.).
- Frailea matoana Buin. & Bred., Cact. Succ. J. Amer. 43: 139-142,  
July-Aug. 1971.
- Frailea ybatense Buin. & Mos., Succulenta 50: 46-47, Mar. 1971;  
135, July 1971 (Typ.).
- Gymnocalycium pflanzii Werd. var. eytianum (Card.) Don. (= G.  
eytianum Card. in Kakt. and. Sukk. 9: 25, 1958), Nat. Cact.  
Succ. J. 26: 100, Dec. 1971.
- Gymnocalycium pflanzii Werd. var. izozogsii Don. forma  
chuquisacanum (Card.) Don. (= G. chuquisacanum Card. in Cact.  
Succ. J. Amer. 38: 146, 1966), Nat. Cact. Succ. J. 26: 100,  
Dec. 1971.
- Gymnocalycium pflanzii Werd. var. izozogsii (Card.) Don. forma  
izozogsii (= G. izozogsii Card. in Cact. Succ. J. Amer. 38:  
145, 1966), Nat. Cact. Succ. J. 26: 100, Dec. 1971.
- Gymnocalycium pflanzii Werd. var. lagunillasense (Card.) Don.  
(= G. lagunillasense Card. in Kakt. and. Sukk. 9: 22, 1958),  
Nat. Cact. Succ. J. 26: 100, Dec. 1971.
- Gymnocalycium pflanzii Werd. var. millaresii (Card.) Don. (= G.  
millaresii Card. in Cact. Succ. J. Amer. 38: 144, 1966), Nat.  
Cact. Succ. J. 26: 100, Dec. 1971.
- Gymnocalycium pflanzii Werd. var. riograndense (Card.) Don. (= G.  
riograndense Card. in Kakt. and. Sukk. 9: 24, 1958), Nat.  
Cact. Succ. J. 26: 100, Dec. 1971.

- Gymnocalycium pflanzii Werd. var. zegarrae (Card.) Don. (= G. zegarrae Card. in Kakt. and. Succ. 9: 21, 1958), Nat. Cact. Succ. J. 26: 100, Dec. 1971.
- Gymnocalycium tudae Ito var. pseudomalacocarpus (Back.) Don. (= G. pseudomalacocarpus Back. in Das Kakteenlexicon 172, 1966), Nat. Cact. Succ. J. 26: 100, Dec. 1971.
- (Heliocereus speciosus Br. & R. x Pilosocereus palmeri Byl. & Rowl.) Glass & Foster in Cact. Succ. J. Amer. 43: 22, Jan.-Feb. 1971.
- Lasiacanthae Hunt n. ser. (Gen. Mammillaria Haw.; Typ. M. lasiacantha; = Chilita subg. Acentracantha Buxb. in Sukkulantenkunde 5: 23, 1954) Cact. Succ. J. Gt. Brit. 33: 63, Aug. 1971.
- Lobivia draxleriana Rausch, Succulenta 50: [181], 193-194, Oct. 1971.
- Lobivia glauca Rausch, Succulenta 50: 168, Sept. 1971.
- Lobivia glauca Rausch var. paucicostata Rausch, Succulenta 50: 169, Sept. 1971.
- Lobivia sicuaniensis Rausch, Succulenta 50: [221], 229, Dec. 1971.
- Lobivia zecheri Rausch, Succulenta 50: [141], 146, Aug. 1971.
- Longiflorae Hunt n. ser. (Gen. Mammillaria Haw.; Typ. M. longiflora Berg.), Cact. Succ. J. Gt. Brit. 33: 59, Aug. 1971.
- Mammillaria busonii Bachel nom. nugax, Kakt. and. Succ. 22: 78-79, Apr. 1971.
- Mammillaria centraliplumosa Fittkau, Cact. y Suc. Mex. 16: 39-41, 47-48, Apr.-June 1971.
- Mammillaria diguetii (Web.) Hunt (= M. senilis var. diguetii Weber in Bull. Mus. Hist. Nat. Paris 10: 383, 1904; Mamillopsis diguetii Br. & R.), J. Mamm. Soc. 11: 59, Oct. 1971.
- Mammillaria ernestii Fittkau, Cact. y Suc. Mex. 16: 36-38, 47, Apr.-June 1971.
- Mammillaria fittkaii Glass & Foster, Cact. Succ. J. Amer. 43: 115-117. May-June 1971.
- Mammillaria kraehenbuhlii Krainz (= Pseudomammillaria kraehenbuhlii Krainz in Beil. zu Kakt. u. a. Succ. 1, 1971; Dec. 1970), Die Kakteen CVIIIc, June 1971.
- Mammillaria kraehenbuhlii (Krainz) Hunt. n. comb. superfl. (= M. kraehenbuhlii Krainz in Die Kakteen CVIIIc, June 1971), J. Mamm. Soc. 11: 61, Oct. 1971.
- Mammillaria maritima (Linds.) Hunt (= Cochemiea maritima Lindsay in Cact. Succ. J. Amer. 8: 143, 1937), Cact. Succ. J. Gt. Brit. 33: 58, Aug. 1971.

- Mammillaria matudae Bravo var. serpentiformis Fittkau f. duo-centralis Fittkau n.f. nud. (sine Typ.) Cact. y Suc. Mex. 16: 43-44, 48, Apr.-June 1971.
- Mammillaria matudae Bravo var. serpentiformis Fittkau f. serpentiformis Cact. y Suc. Mex. 16: 42-44, 48, Apr.-June 1971.
- Mammillaria virginis Fittk. & Klad., Krainz Die Kakteen CVIIIc, June 1971.
- \*Matucana madisoniorum (Hutch.) Rowl. n. comb. var. madisoniorum (= Borzicactus madisoniorum Hutchison in Cact. Succ. J. Amer. 35: 167-172, 1963; Submatucana madisoniorum Back. in Das Kakteenlexikon 412, 1966).
- \*Matucana madisoniorum (Hutch.) Rowl. var. pujupatii (Don. & Lau) Rowl. n. comb. (= Borzicactus madisoniorum Hutch. var. pujupatii Don. & Lau in Nat. Cact. Succ. J. 26: 71-73, Sept. 1971).
- Mediolobivia hirsutissima Card., Cact. Succ. J. Amer. 43: 244, Nov.-Dec. 1971.
- Melocactus azureus Buin. & Bred., Kakt. and. Sukk. 22: 101-103, June 1971.
- Neolloydia conoidea Br. & R. var. ceratites (Quehl) Klad. & Fittk. (= Mammillaria ceratites Quehl in Monats. Kakteenk. 19: 155, 1909), Krainz Die Kakteen CVIIIb, June 1971.
- Neolloydia conoidea Br. & R. var. grandiflora (Otto) Klad. & Fittk. (= Mammillaria grandiflora Otto in Pfeiffer Enum. Diagn. Cact. 33, 1837), Krainz Die Kakteen CVIIIb, June 1971.
- Neolloydia conoidea Br. & R. var. matehualensis (Back.) Klad. & Fittk. (= N. matehualensis Back. in The Spine 1: 108, 1948), Krainz Die Kakteen CVIIIb, June 1971.
- Neolloydia conoidea Br. & R. var. texensis (Br. & R.) Klad. & Fittk. (= N. texensis Br. & R. in Cactaceae 4: 18, 1923), Krainz Die Kakteen CVIIIb, June 1971.
- Neolloydia smithii (Muehl.) Klad. & Fittk. (= Echinocactus smithii Muehl. in Allg. Gartenz. 14: 370-371, 1846), Krainz Die Kakteen CVIIIb, June 1971.
- Neolloydia smithii Klad. & Fittk. var. beguinii (Web.) Klad. & Fittk. (= Echinocactus beguinii Weber in Schumann Gesamtb. Kakt. 442-443, 1898), Krainz Die Kakteen CVIIIb, June 1971.
- \*Nopaleae Rowl. n. ser. (Gen. Opuntia; Typ. Cactus cochenillifer L.) (= Nopalea S.D. in Cact. Hort. Dyck. 1849: 63-64, 1850, pro gen.).
- Notocactus pseudoherteri Buin., Nat. Cact. Succ. J. 26: 2-3, March 1971.

- \*Opuntia floccosa S.D. var. cardenasii Rowl. n. var. (= Tephrocactus malyanus Rausch in Kakt. and. Sukk. 22: 43-44, 1971, and Succulenta 51: 21-22, 1972; T. floccosus Back. var. cardenasii Marn.-Lap. in Cactus 72: 137, 1961 (sine typ.)).
- \*Opuntia nuda (Back.) Rowl. n. comb. (= Nopalea nuda Back. in Die Cactaceae VI: 3629-3632, 1962.
- Parodia challamarcana Brandt nom. prov., Kakt. and. Sukk. 22: 12, Jan. 1971; 202-203, Nov. 1971.
- Parodia gibbulosoides Brandt, Stachelpost 7: 414-416, Nov. 1971.
- Parodia pluricentralis Back. ex Brandt, Stachelpost 7: 365-367. July 1971.
- Parodia procera Ritt. emend. (= P. pseudoprocera Brandt), Kakt. and. Sukk. 22: 203-206, Nov. 1971.
- Parodia spegazziniana Brandt, Stachelpost 7: 367-368, July 1971.
- Rebutia corroana Card., Cact. Succ. J. Amer. 43: 244-245, Nov.-Dec. 1971.
- Rebutia tuberculato-chrysantha Card., Cact. Succ. J. Amer. 43: 246-247, Nov.-Dec. 1971.
- Smithianae Klad. & Fittk. n. sect. (Gen. Neolloydia Br. & R.; Typ. N. smithii Klad. & Fittk.), Krainz Die Kakteen CVIIIb, June 1971.
- Sulcorebutia alba Rausch, Succulenta 50: 94-96, May 1971.
- Sulcorebutia caineana (Card.) Don. (= Rebutia caineana Card. in Cact. Succ. J. Amer. 38: 143, 1966), l.c. 43: 38, Jan.-Feb. 1971.
- Sulcorebutia caracarensis (Card.) Don. (= Rebutia caracarensis Card. in Cact. Succ. J. Amer. 42: 37, 1970), l.c. 43: 38, Jan.-Feb. 1971.
- Sulcorebutia haseltonii (Card.) Don. (= Rebutia haseltonii Card. in Cact. Succ. J. Amer. 38: 143, 1966), l.c. 43: 38, Jan.-Feb. 1971.
- Sulcorebutia inflexiseta (Card.) Don. (= Rebutia inflexiseta Card. in Cact. Succ. J. Amer. 42: 36, 1970), l.c. 43: 38, Jan.-Feb. 1971.
- Sulcorebutia oenantha Rausch, Succulenta 50: 112-113, June 1971.
- Sulcorebutia pulchera (Card.) Don. (= Rebutia pulchera Card. in Cact. Succ. J. Amer. 42: 38, 1970), l.c. 43: 39, Jan.-Feb. 1971.
- Sulcorebutia tiraquensis Ritt. var. longiseta (Card.) Don. (= Rebutia tiraquensis Card. var. longiseta Card. in Cact. Succ. J. Amer. 42: 188, 1970), l.c. 43: 39, Jan.-Feb. 1971.

Sulcorebutia vizcarrae (Card.) Don. (= Rebutia vizcarrae Card. in Cact. Succ. J. Amer. 42: 185, 1970, l.c. 43: 40, Jan.-Feb. 1971.

Tephrocactus malyanus Rausch, Kakt. and. Sukk. 22: 43-44, Mar. 1971.

Uebelmannia centeteria (Pfeiff.) Schnab. (= Echinocactus centeterius Pfeiff. in Enum. Diagn. Cact. 65, 1837; Uebelmannia gummifera Buin.), Kakt. and. Sukk. 22: 164-167, Sept. 1971.

Weingartia torotorensis Card., Cact. Succ. J. Amer. 43: 243, Nov.-Dec. 1971.

COMPOSITAE  
=====

Othonna rechingeri Nord. in Ann. Nat. Hist. Mus. Wien 75: 139-142, Oct. 1971.

Senecio meuselii Rauh, Cact. Succ. J. Amer. 43: 55-57, Mar.-Apr. 1971.

CRASSULACEAE  
=====

Graptopetalum pentandrum Moran, Cact. Succ. J. Amer. 43: 255-258, Nov.-Dec. 1971.

Pachyphytum fittkaui Moran, Cact. Succ. J. Amer. 43: 26-32, Jan.-Feb. 1971.

Sempervivum annae Gurgenidze, Not. Syst. Geogr. Inst. Bot. Tbilisi 27: 36, 1969.

Sempervivum charadzeae Gurgenidze, Not. Syst. Geogr. Inst. Bot. Tbilisi 27: 32, 1969.

Sempervivum dzhavachischvili Gurgenidze, Not. Syst. Geogr. Inst. Bot. Tbilisi 27: 39, 1969.

Sempervivum ermanicum Gurgenidze, Not. Syst. Geogr. Inst. Bot. Tbilisi 27: 30, 1969.

Sempervivum marmoreum Gris. subsp. rubrifolium (Schott) Bell. & Andr. n. comb.nud., REA - Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 4: 39, 1971.

Sempervivum tectorum L. subsp. cebennense (Lam.) Bell. & Andr. (= S. cebennense Lam. in Prodr. Fl. Centr. France 1: 313, 138, 1877), REA - Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 4: 37, 1971.

Sempervivum tectorum L. subsp. pallescens (Jord. & Fourr.) Bell. & Andr. n. comb. nud., REA - Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 4: 38, 1971.

EUPHORBIACEAE  
=====

Euphorbia ingenticapsa Leach, Bol. Soc. Brot. 45: 356-361, Dec. 1971.

Euphorbia virosa Willd. ssp. arenicola Leach, Bol. Soc. Brot. 45: 355-356, Dec. 1971.

LILIACEAE  
=====

Aloe 'Abraham Koen' Koeleman (= A. globuligemma x petricola) Aloe 9. iv: 11, Dec. 1971.

Aloe abyssicola Lavr. & Bil, Cact. Succ. J. Amer. 43: 204-208, Sept.-Oct. 1971.

Aloe 'Anak' Wessels (= A. mudenensis x thraskii) Aloe 9. iv: 10, Dec. 1971.

Aloe 'Ben Barkhuizen' Koeleman (= A. globuligemma x marlothii) Aloe 9. iv: 6, Dec. 1971.

Aloe 'Ben Kleynhans' Koeleman (= A. africana x reitzii) Aloe 9.ii: 9, June 1971.

Aloe 'Bosveldvlam' Koeleman (= A. arborescens x excelsa) Aloe 9.iii: 9, Sept. 1971.

Aloe buhrii Lavr., J.S. Afr. Bot. 37: 37-40, 1971.

Aloe cannellii Leach, J.S. Afr. Bot. 37: 41-46, 1971.

Aloe 'Chaka' Koeleman (= A. africana x marlothii) Aloe 9.ii: 9, June 1971.

Aloe 'Dagbreek' Koeleman (= A. africana x marlothii) Aloe 9. ii: 8, June 1971.

Aloe 'Dominee Dednam' Koeleman (= A. dawei x reitzii) Aloe 9.ii: 10, June 1971; iv: 41, Dec. 1971.

Aloe esculenta Leach, J.S. Afr. Bot. 37: 249-259, 1971.

Aloe 'Esmé' Koeleman (= A. ferox x thraskii) Aloe 9.iii: 5, Sept. 1971.

Aloe 'Estro' Wessels (= A. cameronii x mudenensis) Aloe 9. iv: 9, Dec. 1971.

Aloe 'Gawie Dednam' Koeleman (= A. aculeata x thraskii) Aloe 9. iii: 8, Sept. 1971.

- Aloe 'Hans Joubert' Koeleman (= A. alooides x excelsa) Aloe 9.iv: 8, Dec. 1971.
- Aloe 'Impala' Koeleman (= A. africana x vanbalenii) Aloe 9.ii: 9, June 1971.
- Aloe inamara Leach, J.S. Afr. Bot. 37: 259-266, 1971.
- Aloe 'Johan Schutte' Koeleman (= A. alooides x marlothii) Aloe 9. iii: 11, Sept. 1971.
- Aloe 'John Lambert' Koeleman (= A. africana x trichosantha) Aloe 9.ii: 9, June 1971.
- Aloe 'John Strauss' Koeleman (= A. africana x vanbalenii) Aloe 9.ii: 9, June 1971.
- Aloe 'Joseph Hope' Koeleman (= A. cameronii x marlothii x vanbalenii) Aloe 9.iii: 6, Sept. 1971.
- Aloe 'Joy' Koeleman (= A. arborescens x chabaudii x ferox x marlothii) Aloe 9. iii: 6, Sept. 1971.
- Aloe 'Kampvuur' Koeleman (= A. arborescens x ferox) Aloe 9.iii: 11, Sept. 1971.
- Aloe 'Koelemanstrots' Koeleman (= A. ferox x vanbalenii) Aloe 9. iv: 11, Dec. 1971.
- Aloe 'Long Tom' Koeleman (= A. africana x globuligemma) Aloe 9.ii: 10, June 1971.
- Aloe 'Madeleine' Koeleman (= A. alooides x ferox) Aloe 9.iv: 7, Dec. 1971.
- Aloe 'Majuba' Koeleman (= A. arborescens x capitata x marlothii) Aloe 9.iii: 8, Sept. 1971.
- Aloe 'Manie' Koeleman (= A. thraskii x vanbalenii) Aloe 9.iii: 9, Sept. 1971.
- Aloe 'Marina' Koeleman (= A. peglerae x petricola) Aloe 9.iv: 9, Dec. 1971.
- Aloe 'Mirage' Koeleman (= A. africana x marlothii) Aloe 9.ii: 8, June 1971.
- Aloe 'Oranje' Koeleman (= A. ferox x petricola) Aloe 9.iv: 8, Dec. 1971.
- Aloe 'Oubaas' Koeleman (= A. arborescens x ferox x petricola) Aloe 9.iii: 5, Sept. 1971.
- Aloe 'Ounooi' Koeleman (= A. excelsa x vanbalenii) Aloe 9.iv: 5, Dec. 1971.
- Aloe 'Renske' Koeleman (= A. andongensis x bakeri) Aloe 9.iii: 7, Sept. 1971.



- Aloe 'Ria Koeleman' Koeleman (= A. capitata x saponaria) Aloe 9.iii: 10, Sept. 1971.
- Aloe 'Trichardt' Koeleman (= A. africana x marlothii) Aloe 9.ii: 9, June 1971.
- Aloe trigonantha Leach, J.S. Afr. Bot. 37: 46-51. 1971.
- Aloe 'Vesuvius' Koeleman (= A. castanea x ferox) Aloe 9.iv: 5, Dec. 1971.
- Aloe 'Vuurkolom' Koeleman (= A. cameronii x excelsa) Aloe 9.iv: 6, Dec. 1971.
- Haworthia aspera Haw. var. major (Haw.) Parr (= Apicra aspera Willd. var. major Haw. in Suppl. Pl. Succ. 61, 1819; Astroloba aspera Uit. var. major Uit.), Bull. Afr. Succ. Pl. Soc. 6:195, Nov.-Dec. 1971; 148, Sept.-Oct.1971 as n. comb. nud.
- Haworthia bicarinata (Haw.) Parr (= Apicra bicarinata Haw. in Suppl. Pl. Succ. 63, 1819; Astroloba bicarinata Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia bullulata (Jacq.) Parr (= Aloe bullulata Jacq. in Fragm. Bot. 72, t. 109, ? 1808; Astroloba bullulata Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia congesta (S.D.) Parr (= Aloe congesta Salm-Dyck in Monogr. Gen. Aloes et Mes. 1 t. 1, 1836; Astroloba congesta Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia deltoidea Parr var. intermedia (Berg.) Parr (= Apicra deltoidea Bak. var. intermedia Berg. in Das Pflanzenreich Heft 33 (iv. 38): 120, 1908; Astroloba deltoidea Uit. var. intermedia Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia deltoidea Parr var. turgida (Berg.) Parr n. comb. invalid.? (Art. 34) (= Apicra turgida Bak. in J. Bot. 27: 44, 1889; A. deltoidea Bak. var. turgida Berg.; Astroloba deltoidea Uit. var. turgida Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia dodsoniana (Uit.) Parr (= Astroloba dodsoniana Uit. in Des. Pl. Life 22: 29, 1950), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia egregia (v.P.) Parr (= Apicra egregia v.P. in Fedde Repert. 28: 100, 1930; Astroloba egregia Uit.), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.
- Haworthia egregia Parr var. fardeniana (Uit.) Parr (= Astroloba egregia Uit. var. fardeniana Uit. in Cact. Succ. J. Gt. Brit. 10: 6, 1948), Bull. Afr. Succ. Pl. Soc. 6: 195, Nov.-Dec. 1971; 148, Sept.-Oct. 1971 as n. comb. nud.

Haworthia gweneana Parr n. nom. illeg. (= H. imbricata Haw. in Syn. Pl. Succ. 98, 1812), Bull. Afr. Succ. Pl. Soc. 6: 149, Sept.-Oct. 1971.

Haworthia harlandiana Parr (= Astroloba herrei Uit. in Des. Pl. Life 20: 37, 1948, non Haworthia herrei v. P.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; 149, Sept.-Oct. 1971 as n. nomb. nud.

Haworthia olivettiana Parr (= Apicra skinneri Berg. in Das Pflanzenreich Heft 33 (iv. 38): 116, 1908; Astroloba skinneri Uit.; non Haworthia skinneri Res.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; 149 (as "olivetteana"), Sept.-Oct. 1971 as n. comb. nud.

Haworthia pentagona Haw. var. spiralis (S.D.) Parr (= Aloe pentagona Haw. var. spiralis S.D. in Monogr. Gen. Aloes et Mes. 1 t. 4, 1836; Aloe spiralis Haw.; Haworthia spiralis Haw., etc.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; Sept.-Oct. 1971 as n. comb. nud.

Haworthia pentagona Haw. var. spirella (Bak.) Parr (= Apicra pentagona Willd. var. spirella Bak. in J. Linn. Soc. Bot. 18: 217, 1880; Haworthia spirella Haw.; Astroloba pentagona Uit. var. spirella Uit.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; 149, Sept.-Oct. 1971 as n. comb. nud.

Haworthia pentagona Haw. var. torulosa (Haw.) Parr (= Apicra pentagona Willd. var. torulosa Haw. in Revis. Pl. Succ. 201, 1821; Astroloba pentagona Uit. var. torulosa Uit., etc), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; 149, Sept.-Oct. 1971 as n. comb. nud.

Haworthia rubriflora (L. Bol.) Parr (= Apicra rubriflora L. Bol. in Ann. Bol. Herb. 3: 13, 1920; Poellnitzia rubriflora Uit.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971.

Haworthia shieldsiana Parr n. nom. provis. et illeg. (Art. 34) (= Apicra turgida Bak. in J. Bot. 27: 44, 1889, etc.), Bull. Afr. Succ. Pl. Soc. 6: 196, Nov.-Dec. 1971; 149 (as "shieldseana"), Sept.-Oct. 1971 as n. comb. nud.

Quinguefariae Parr n. sect.; Gen. Haworthia; Typ. H. aspera Haw., Bull. Afr. Succ. Pl. Soc. 6: 148, Sept.-Oct. 1971.

#### MESEMBRYANTHEMACEAE =====

Conophytum edwardsiae Lav. var. albiflorum Rawe, Kakt. and. Sukk. 22: 106, June 1971.

Conophytum minusculum N.E. Br. var. paucilineatum Rawe, Kakt. and. Sukk. 22: 106, June 1971.

\*Conophytum minusculum N.E. Br. var. reticulatum (L. Bol.) Rawe (= C. reticulatum L. Bol. in Bol. Notes Mes. 3: 25, 1936), Kakt. and. Sukk. 22: 106-107, June 1971 (sine basionym).

\*Conophytum minusculum N.E. Br. var. reticulatum Rawe f. roseum Rowl. n. comb. (= C. reticulatum L. Bol. f. roseum Rowl. in Nat. Cact. Succ. J. 13: 77, 1958; C. minusculum N.E. Br. var. roseum Tisch.).

Conophytum rubrolineatum Rawe, Kakt. and. Sukk. 22: 104-105, June 1971.

Conophytum swanepoelianum Rawe, Kakt. and. Sukk. 22: 105, June 1971.

Conophytum uvaeforme N.E. Br. forma framesii (Lav.) Tisch. (= C. framesii Lav. in S. Afr. Gard. Country Life 1929: 144), Nat. Cact. Succ. J. 26: 51, June 1971.

Conophytum uvaeforme N.E. Br. forma meleagris (L. Bol.) Tisch. (= C. meleagris L. Bol. in Bol. Notes Mes. 3: 85, 1937; C. colorans Lav.; C. vanrhynsdorpense Schwant.; C. julii Schwant.; C. translucens N.E. Br.; C. hillii L. Bol.), Nat. Cact. Succ. J. 26: 51, June 1971.

Lithops dinteri Schwant. var. marthae (Loesch. & Tisch.) Fearn (= L. marthae Loesch. & Tisch. in Succulenta 18: 74, 1936; L. inornata n. nud.) Cact. Succ. J. Amer. 42: 92, Mar.-Apr. 1970.

#### PASSIFLORACEAE =====

Adenia aculeata Engl. subsp. inermis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 69, Nov. 1971.

Adenia aculeata Engl. subsp. manganiana (Chiov.) de Wilde (= A. manganiana Chiov. in Result. Sci. Miss. Stef.-Paoli Somal. Ital. 1 App. 212, 1916), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 68, Nov. 1971.

Adenia adenifera de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 242, Nov. 1971.

Adenia bequaertii Rob. & Law. subsp. macranthera de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 245, Nov. 1971.

Adenia erecta de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 199, Nov. 1971.

Adenia fruticosa Davy subsp. simplicifolia de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 71, Nov. 1971.

Adenia fruticosa Davy subsp. trifoliolata de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 72, Nov. 1971.

Adenia gedoensis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 62, Nov. 1971.

- Adenia gracilis Harms subsp. pinnata de Wilde (= Modecca parviflora G. Don in Gen. Syst. Gard. Bot. 3: 59, 1834; M. incisa Chev.; Adenia mannii Chev. non Mast.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 258, Nov. 1971.
- Adenia guineensis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 259, Nov. 1971.
- Adenia gummifera Harms var. cerifera de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 264, Nov. 1971.
- Adenia hastata Schinz var. glandulifera de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 170, Nov. 1971.
- Adenia heterophylla Kds. subsp. andamanica de Wilde (= Modecca heterophylla Kurz in Rep. And. 39, 1870; M. cordifolia Kurz non Bl.; Adenia cardiophylla King non Mast.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 222, Nov. 1971.
- Adenia heterophylla Kds. subsp. arcta (Craib) de Wilde (= A. cardiophylla Engl. var. arcta Craib in Fl. Siam. En. 1: 746, 1931; A pierrei Gagn. p.p.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 221, Nov. 1971.
- Adenia heterophylla Kds. subsp. australis (R. Br.) de Wilde (= Modecca australis R. Br. ex D.C. Prodr. 3: 337, 1828; Adenia australis Engl., etc.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 220, Nov. 1971.
- Adenia heterophylla Kds. subsp. heterophylla var. celebica (Kds.) de Wilde (= Modecca celebica Kds. in Minah 19: 638, 478, 1898; Adenia celebica Kds.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 220, Nov. 1971.
- Adenia karibaensis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 75, Nov. 1971.
- Adenia kinabaluensis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 225, Nov. 1971.
- Adenia latepetala de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 63, Nov. 1971.
- Adenia lindiensis Harms var. submarginalis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 175, Nov. 1971.
- Adenia macrophylla Kds. var. singaporeana (Wall.) de Wilde (= Passiflora singaporeana Wall. ex G. Don Gen. Syst. Gard. Bot. 3: 55, 1834, etc.), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 231, Nov. 1971.
- Adenia macrophylla Kds. var. smilacina (Hall.) de Wilde (= A. smilacina Hall. f. in Med. Rijksherb. 42: 17, 1922), A Monograph of the Genus Adenia Forsk. (Passifloraceae): 230, Nov. 1971.
- Adenia mossambicensis de Wilde, A Monograph of the Genus Adenia Forsk. (Passifloraceae): 194, Nov. 1971.

Adenia natalensis de Wilde, A Monograph of the Genus Adenia Forsk.  
(Passifloraceae): 161, Nov. 1971.

Adenia olaboensis Clav. var. parva de Wilde, A Monograph of the  
Genus Adenia Forsk. (Passifloraceae): 126, Nov. 1971.

Adenia ovata de Wilde, A Monograph of the Genus Adenia Forsk.  
(Passifloraceae): 204, Nov. 1971.

Adenia penangiana de Wilde var. parvifolia (Pierre) de Wilde  
(= A. parvifolia Pierre ex Gagn. in Bull. Mus. Hist. Nat. Paris  
25: 127, 1920, etc.), A Monograph of the Genus Adenia Forsk.  
(Passifloraceae): 89, Nov. 1971.

Adenia pinnatisecta Craib var. muricata de Wilde, A Monograph of  
the Genus Adenia Forsk. (Passifloraceae): 94, Nov. 1971.

Adenia racemosa de Wilde, A Monograph of the Genus Adenia Forsk.  
(Passifloraceae): 64, Nov. 1971.

Adenia reticulata Engl. var. cinerea de Wilde (= Ophiocaulon  
cissampeloides Hiern in Cat. Welw. Pl. 1: 385, 1898, non  
Planch.; Adenia cissampeloides Goss. & Mend.), A Monograph  
of the Genus Adenia Forsk. (Passifloraceae): 270, Nov. 1971.

Erythrocarpus (Roem.) de Wilde n. sect. (Gen. Adenia; Typ. A.  
heterophylla Koord.; = Erythrocarpus Roem. 1846 pro gen.:  
Modecca subg. Erythrocarpus Miq., etc.), A Monograph of the  
Genus Adenia Forsk. (Passifloraceae): 209, Nov. 1971.

\* Signifies a new name, validated here for the first time.

BIBLIOGRAPHIA  
=====

- ANDERSON, E.F. & STONE, M.S. - A Pollen Analysis of Lophophora (Cactaceae). Cact. Succ. J. Amer. 43: 77-82, Mar.-Apr. 1971.
- ANDERSON, E.F. & WALKINGTON, D.L. - Cactaceae. Cactus Family. In I.L. WIGGINS & D.M. PORTER, Flora of the Galapagos Islands 533-546, 1971.
- ANSARI, M.Y. - Ceropegia media (Huber) Ansari stat. nov. from Western Ghats (Maharashtra). Bull. Bot. Surv. India 11: 199-201, 1969, published 1971.
- ANSARI, M.Y. - See HEMADRI, K.
- AUGER, H.A. - See MARTIN, M.J.
- BAYER, M.B. - Changes in the Genus Haworthia Duval. Cact. Succ. J. Amer. 43: 157-162, July-Aug. 1971.
- BEDI, S.J. - See SABNIS, S.D.
- BELLIA, G.G. - Genere Jovisbarba Opiz e non Jovibarba Opiz. REA. Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 4: 32-33, 1971.
- BELLIA, G.G. & CHIAPPETA, A. de A. - Studio sul Genere Sempervivum. REA. Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 3, 1970; 4: 36-40, 1971.
- BHANDARI, M.M. - Caralluma edulis (Edgew.) Benth. & Hook.: a new record for India. J. Bombay Nat. Hist. Soc. 68: 296-297, 1971.
- BILAIDI, A.S. - See LAVRANOS, J.J.
- BOOM, B.K. - Een nieuwe tabel voor het geslacht Lithops. Succulentata 50: 122-125, 142-145, 162-165, 182-187, 202-205, 222-229, 1971.
- BOSSER, J. & MORAT, P. - Sur deux Asclépiadacées nouvelles du Sud de Madagascar. Adansonia 11: 337-342, 1971.
- BRAMWELL, D. - Studies in the Canary Islands Flora: The Vegetation of Punta de Teno, Tenerife. Cuad. Bot. Canar. XI: 4-37, 1971.
- BRAMWELL, D. - The Hen-and-chickens Houseleek - Jovibarba sobolifera (Sims) Opiz. Bull. Afr. Succ. Pl. Soc. 5: 232-234, Jan.-Feb. 1971.
- BRANDHAM, P.E. - The Chromosomes of the Liliaceae: II. Polyploidy & karyotype variation in the Aloineae. Kew Bull. 25: 381-399, 1971.
- BRAVO, H., SCHEINVAR, L. & SANCHEZ MEJORADA, R. - Neobuxbaumia macrocephala (Web.) Daws. Cact. y Suc. Mex. 16: 3-14, 22-23, Jan.-March 1971. N. scoparia (Poselg.) Backbg. 1.c. 75-83, 94, Oct.-Dec. 1971.
- BURTT, B.L. - See HILLIARD, O.M.
- BUXBAUM, F. - Mammillaria zephyranthoides Scheidw. ist keine Dolichothele. Kakt. and. Sukk. 22: 9-11, Jan. 1971.
- BUXBAUM, F. & FRANK, G. - Die Gliederung der Gattung Gymnocalycium. Kakt. and. Sukk. 22: 25-29, Feb. 1971; 46-51, Mar. 1971; 62-65, Apr. 1971.

- BUXBAUM, F. - See Krainz, H.
- CARDENAS, M. - New Bolivian Cactaceae, Part XIV. Cact. Succ. J. Amer. 43: 242-247, Nov.-Dec. 1971.
- CHAPMAN, P.R. - See MARTIN, M.J.
- CHIAPPETA, A. de A. - Breve nota sobre a posicao sistematica de duas especies de Sempervivum. REA. Boll. Inf. Giard. Sper. Accl. San Bernardino di Trana 3, 1970.
- CHIAPPETA, A. de A.- See BELLIA, G.G.
- CHINNOCK, R.J. - Studies in Disphyma - a genus related to Mesembryanthemum: I. A revision of Disphyma australe. N.Z.J. Bot. 9: 331-344, 1971.
- COLE, D.T. - William John Burchell's Lithops. Nat. Cact. Succ. J. 26: 12-17. March 1971.
- DESCOINGS, B. - Deux Cynanchum aphylls (Asclépiadacées) nouveaux de Madagascar. Bull. Soc. Bot. France 118: 105-111, 1971.
- DONALD, J.D. - In Defence of Sulcorebutia Backeberg. Cact. Succ. J. Amer. 43: 36-40, Jan.-Feb. 1971.
- DONALD, J.D. - Borzicactinae Buxbaum. Nat. Cact. Succ. J. 26: 7-10, March 1971: 46-49, June 1971; 71-73, Sept. 1971.
- DONALD, J.D. - Gymnocalyciums from Alfred Lau. Nat. Cact. Succ. J. 26: 96-100, Dec. 1971.
- DYER, R.A. - New and interesting records of African plants. ... Distinctions between Duvalia and Huernia. Bothalia 10: 363-365, 1971.
- DYER, R.A. - Notes on the genus Brachystelma. Bothalia 10: 373-378, 1971.
- DYER, R.A. - Brachystelma. Bothalia 10: 431-434, 1971.
- EVANS, R.L. - A Gardener's Guide to Sedums. 44 pp. Text figs. LONDON n.d. (1971).
- FOSTER, R. - See GLASS, C.
- FRANK, G. - See BUXBAUM, F.
- FRIEDMANN, F. - Sur de nouveaux nombres chromosomiques dans le Genre Kalanchoe (Crassulacées) à Madagascar. Candollea 26: 103-107, 1971.
- GLASS, C. & FOSTER, R. - Mexico Logbook. Cact. Succ. J. Amer. 43: 3-7, Jan.-Feb. 1971; 70-76, Mar.-Apr. 1971; 119-121, May-June 1971; 143-146, July-Aug. 1971; 197-203, Sept.-Oct. 1971; 268-273, Nov.-Dec. 1971.
- GLENNIE, C.W. et alia. - Correlations between flavonoid chemistry & plant geography in the Senecio radicans complex. Phytochemistry 10: 2413-7, 1971.
- GRANT, V. & K.A., Dynamics of clonal microspecies in Cholla cactus. Evolution 25: 144-155, 1971.
- GRANT, V. & K.A. - Natural hybridisation between the Cholla cactus species Opuntia spinosior and O. versicolor. Proc. Nat. Acad. Sci. U.S.A. 68: 1993-1995, Sept. 1965.

- HARDY, D.S. - New and interesting records of African plants. ..  
A new Aloe from South West Africa. *Bothalia* 10: 366-368, 1971.
- HART, H. 'T. - Cytological & morphological variation in Sedum acre  
L. in Western Europe. *Acta Bot. Neerl.* 20: 282, 1971.
- HART, J.A. & WRIGLEY, T.C. (Eds.) - *Sedums*. Some observations on  
the Genus. 58 pp., 16 ill. Morden 1971.
- HEMADRI, K. & ANSARI, M.Y. - Ceropegia mahabalei Hem. & Ans. - a  
new species of Asclepiadaceae from Sahyadri Range, Western  
Ghats. *Indian Forester* 97: 105-108, 1971.
- HERRE, H. - The Genera of the Mesembryanthemaceae. [12+] 316 pp.  
125 plates. Cape Town 1971.
- HILLIARD, O.M. & BURTT, B.L. - Kalanchoe elizae Berger. *Notes Roy.  
Bot. Gard. Edinb.* 31: 26, 1971.
- HOWARD, R.A. - Sansevieria Thunberg vs. Sanseverinia Petagna.  
*Baileya* 18: 5, 1971.
- HUNT, D.R. - Schumann & Buxbaum reconciled: the Schumann system of  
Mammillaria classification brought provisionally up-to-date.  
*Cact. Succ. J. Gt. Brit.* 33: 53-72, Aug. 1971.
- INGRAM, J. - Aizoaceae - a correction. *Baileya* 18: 16, 1971.
- KAPOOR, B.M. - See LÖVE, A. & D.
- KELLER, F. - Check List of Stapeliads published since "The  
*Stapeliaceae*" (1937-1971). *Cact. Succ. J. Amer.* 43: 163-167,  
July-Aug. 1971.
- KILIAN, G. - Echinopsis - Hybriden. *Stachelpost* 6: 281-283, Nov.  
1970; 7: 299, Jan. 1971; 371-373, July 1971; 403-405, Sept.  
1971; 427-428, Nov. 1971.
- KRAINZ, H., BUXBAUM, F. et alia - Buiningia, Leocereus, Neolloydia,  
Pfeiffera, Pseudomitrocereus, Setiechinopsis, Stephanocereus,  
Cephalocereus palmeri var. sartorianus, Corryocactus aureus,  
Coryphantha macromeris, C. pulleiniana. *Die Kakteen* 46-47,  
June 1971.
- LAVRANOS, J.J. - Notes on the Flora of Northeast Africa and of  
Southern Arabia. *Cact. Succ. J. Amer.* 43: 9-11, Jan.-Feb.  
1971; 60-67, Mar.-Apr. 1971; 204-208, Sept.-Oct. 1971 (with  
A.S. BILAJDI); 236-238, Nov.-Dec. 1971.
- LAVRANOS, J.J. - Aloe buhrii: a new species from the Calvinia  
District, Cape Province. *J. S. Afr. Bot.* 37: 37-40, 1971.
- LAVRANOS, J.J. - Caralluma dioscoridis Lavranos. *Hook. Icon. Pl.*  
7: t. 3687, 1971.
- LEACH, L.C. - Two new species of Aloe (Liliaceae) from Tropical  
Africa. *J. S. Afr. Bot.* 37: 41-52, 1971.
- LEACH, L.C. - Two new species of Aloe (Liliaceae) from South  
Tropical Africa. *J. S. Afr. Bot.* 37: 249-266, 1971.
- LEACH, L.C. - Euphorbia virosa Willd., with a new synonym and two  
new taxa from Angola. *Bol. Soc. Brot.* 45: 349-362, Dec. 1971.
- LÖVE, A. & D., & KAPOOR, B.M. - Crassulaceae: Rhodiola integri-  
folia Raf. *Arctic & Alpine Res.* 3: 150, 1971.



- MARTIN, M.J., CHAPMAN, P.R. & AUGER, H.A. - Cacti and their Cultivation. 207 pp. 60 plates. London 1971.
- McLEOD, M.G. - See PINKAVA, D.J.
- McVAUGH, R. - Report on proposals for conservation: Talinum Juss. v. Talinum Adans. Taxon 20: 385-386, 1971.
- MERWE, J.J.M. van der - New and interesting records of African plants .. New combinations in Cyphostemma. Bothalia 10: 436, 1971.
- MORAT, P. - See BOSSER, J.
- MOSER, G. - One species - three names? (Gymnocalycium megatae, onychacanthum & tudae). Nat. Cact. Succ. J. 26: 4-5, March 1971.
- NORDENSTAM, B. - New South African Compositae. Bot. Not. 124: 9-15, 1971. Includes Othonna hederifolia n.sp.
- NORDENSTAM, B. - Othonna rechingeri B. Nord. spec. nova, a hexaploid succulent from South Africa. Ann. Nat. Hist. Mus. Wien 75: 139-142, Oct. 1971.
- NOSAKA, S. - A new subspecies of Sedum pluricaule from Mt. Yupari, Prof. Ishikari, Hokkaido, together with a comment on allied species. J. Jap. Bot. 46: 167-172, 1971.
- OHWI, J. - A new Sedum from Prov. Iwashiro. J. Jap. Bot. 46: 81-82, 1971.
- ONDŘEJ, M. - Výsledky studia semen rodu Echinocereus. Kaktusy 71 7: 107-110, 1971. Subdivision of Echinocereus based upon seed structure.
- PARR, C.A.E. - Revision of the Genus Astroloba. Bull. Afr. Succ. Pl. Soc. 6: 145-150, Sept.-Oct. 1971; 195-197, Nov.-Dec. 1971.
- PINKAVA, D.J. & McLEOD, M.G. - Chromosome numbers in some Cacti of Western North America. Brittonia 23: 171-176, 1971.
- RAWE, R. - Beschreibungen und Aufschlüsselung der Sektion Minuscula Schwant. em. Tisch. der Gattung Conophytum. Kakt. and. Sukk. 22: 104-107, June 1971; 123-127, July 1971.
- REESE, G. - Untersuchungen über die Chromosomenzahlen der Stapelieae. II. Port. Acta Biol. A. 12: 1-23, 1971.
- RIHA, J. - The Cacti of Cuba. Nat. Cact. Succ. J. 26: 36-38, June 1971. (Melocacti old and new).
- ROOF, J.B. & MORAN, R.V. - Shaw's Agave is alive and well in San Diego County - Resolving the Agave shawii puzzle. Four Seasons 4: 6-10, 1971.
- SABNIS, S.D. & BEDI, S.J. - Ceropegia odorata Hook. f. (Asclepiadaceae) - a little-known plant of Western India. Kew Bull. 25: 57-59, 1971.
- SANCHEZ MEJORADA, R. - See BRAVO, H.
- SCHEINVAR, L. - See BRAVO, H.
- SCHILL, R. - Cytotaxonomische Untersuchungen an sukkulenten Vertretern der Gattung Euphorbia L. aus Madagaskar. Ber. Deutsch. Bot. Ges. 84: 71-78, 1971.

- SCHNABEL, H. - Eine Uebelmannia aus alter Zeit. Kakt. and. Sukk. 22: 164-167, Sept. 1971.
- SCHÜTZ, B. - Die Gymnocalycien unter Kennmarken und Nummern. Stachelpost 7: 296-299, Jan. 1971; 321-325, Mar. 1971.
- SIMON, W. - Neorebutia muss erhalten bleiben. Kakt. and. Sukk. 22: 238-240, Dec. 1971.
- SMITH, A.R. - Dorstenia gigas. Curtis Bot. Mag. 178: t. 596, Dec. 1791.
- STONE, M.S. - See ANDERSON, E.F.
- STOPP, K. - Neue Ceropegia - Aufsammlungen in Angola. In Engl. Bot. Jahrb. 90: 469-475, 1971.
- TISCHER, A. - Conophytum uvaeforme (Haw.) N.E. Br. and its variants. Nat. Cact. Succ. J. 26: 50-51, June 1971.
- VAN VLIET, D.J. - Gymnocalycium ragonesei Castellanos. In Succulenta 50: 67-72, Apr. 1971.
- VAN VLIET, D.J. - Notocactus werdermannianus Herter. Succulenta 50: 81-84, May 1971; 102-103, June 1971.
- WALKINGTON, D.L. - See ANDERSON, E.F.
- WILDE, W.J.J.O. De - A monograph of the Genus Adenia Forsk. (Passifloraceae). 281 pp. 44 text figs. Wageningen 1971.
- WRIGLEY, T.C. - See HART, J.A.



ISBN 90 6046 093 6