

ISSN 0486-4271



IOS

**Repertorium  
Plantarum  
Succulentarum  
LI (2000)**





# Repertorium Plantarum Succulentarum LI (2000)

*Index nominum novarum plantarum succulentarum anno MM editorum  
nec non bibliographia taxonomica ab U. Eggli et D. C. Zappi  
compositus.*

International Organization for Succulent Plant Study  
Internationale Organisation für Sukkulentenforschung

November 2001

ISSN 0486-4271

### Conventions used in Repertorium Plantarum Succulentarum

- Repertorium Plantarum Succulentarum attempts to list, under separate headings, newly published names of succulent plants and relevant literature on the systematics of these plants, on an annual basis. New names noted after the issue for the relevant year has gone to press are included in later issues. Specialist periodical literature is scanned in full (as available at the libraries at ZSS and Z or received by the compilers). Also included is information supplied to the compilers direct. It is urgently requested that any reprints of papers not published in readily available botanical literature be sent to the compilers.
- Validly published names are given in bold face type, accompanied by an indication of the nomenclatural type (name or specimen dependent on rank), followed by the herbarium acronyms of the herbaria where the holotype and possible isotypes are said to be deposited (first acronym for holotype), according to Index Herbariorum, ed. 8 and supplements as published in Taxon. Invalid, illegitimate, or incorrect names are given in *italic* type face. In either case a full bibliographic reference is given. For new combinations, the basionym is also listed. For invalid, illegitimate or incorrect names, the articles of the ICBN which have been contravened are indicated in brackets (note that the numbering of some regularly cited articles has changed in the Tokyo (1994) edition of ICBN).
- The compilers would like to point out that they do not accept any names that might be inadvertently validated in this volume of RPS.
- Bibliographic details of papers dealing only with the description of one or two new taxa are not repeated in the bibliographic section.
- Abbreviations for periodicals are those suggested in 'Bibliography of Succulent Plant Periodicals' (U. Eggli in Friciana 60: 1-139, 1998 ('1995')) for specialized periodicals, or those of Bibliographia Periodicorum Huntianum (including Supplement) for most other periodicals.

### Konventionen im Zusammenhang mit dem Repertorium Plantarum Succulentarum

- Das Repertorium Plantarum Succulentarum ist eine jährlich herausgegebene Zusammenstellung neuer Namen für sukkulente Pflanzen und der relevanten systematischen Literatur. Neue Namen, die nach der Drucklegung der Ausgabe des betreffenden Jahres bekannt werden, erscheinen in der nächsten erreichbaren Ausgabe. Spezialisierte Zeitschriften werden umfassend durchgesehen, soweit sie in den Bibliotheken von Z und ZSS vorhanden sind oder den Herausgebern privat vorliegen. Die Herausgeber bitten alle Autoren dringend, Separata relevanter Publikationen zur Verfügung zu stellen, vor allem wenn es sich um Beiträge in schwer zugänglichen Serien handelt.
- Gültig veröffentlichte Namen werden in Fettschrift wiedergegeben unter Angabe des nomenklatorischen Typs (Name oder Belegexemplar je nach Rangstufe; gefolgt von den Herbarabkürzungen [entsprechend Index Herbariorum, ed. 8, und in Taxon publizierten Supplementen] der publizierten Hinterlegungsorte für Holotyp [1. Abkürzung] und Isotypen). Ungültige, illegitime oder falsch angewandte Namen erscheinen in *Kursivschrift* unter Angabe (in Klammer) derjenigen Artikel des ICBN, die verletzt worden sind. In allen Fällen folgen die kompletten bibliographischen Angaben. Für Umkombinationen wird auch das Basionym angegeben. Dabei ist zu beachten, dass die Nummerierung einiger häufig zitiert Artikel mit dem Erscheinen der Tokyo-Version (1994) des ICBN geändert hat.
- Die Herausgeber weisen mit aller Deutlichkeit darauf hin, dass sie keinen Namen anerkennen, der zufälligerweise in dieser Ausgabe des RPS validiert worden sein könnte.
- Beiträge, welche nur Beschreibungen eines oder zweier Taxa enthalten, werden in der bibliographischen Liste nicht separat aufgeführt.
- Die Abkürzungen für spezialisierte Sukkulente-Zeitschriften richten sich nach 'Bibliography of Succulent Plant Periodicals' (U. Eggli in Friciana 60: 1-139, 1998 ('1995')), für allgemeine botanische Zeitschriften in der Regel nach Bibliographia Periodicorum Huntianum und Supplement.

Compiled by / Zusammengestellt von:

U. Eggli, Sukkulente-Sammlung Zürich, Mythenquai 88, CH-8002 Zürich, Switzerland.

D. C. Zappi, The Herbarium, Royal Botanic Gardens Kew, Richmond, Surrey TW9 3AE, U.K.

Available from (incl. back issues) / Erhältlich durch (inkl. bereits erschienene Hefte):

IOS, c/o Sukkulente-Sammlung Zürich (address above / Adresse siehe oben).

© by IOS, Zürich (Switzerland) 2001. ISSN 0486-4271.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying or otherwise, without the prior written permission of the copyright holder.



### Compilers' Preface

Another voluminous issue of *Repertorium Plantarum Succulentarum* is assembled. It appears that the flood of new names is never-ending, and the vast number of new names reported in this issue is a clear indication that the needs for RPS persist. It is our hope that RPS 51 will again prove to be a valuable source of information for its users – both for its listing of new names, as well as for the bibliography it includes.

The compilation of RPS is – not surprising in view of the amount of data included – a task that needs more and more time. This is not only caused by the ever increasing number of specialist's periodicals being published by various societies and associations, but certainly also by a flood of new names produced from recent research in various fields. It is certainly refreshing to see that both old-fashioned and 'new' methods provide an ever deeper insight into the intricacies of succulent plant relationships, but at times the compilers are left wondering whether all these new names are really needed and help towards a better understanding of the subject.

As in previous years, it is our pleasant duty to express our thanks to all those members and non-members of IOS that helped by providing separate prints of their publication. Reto Nyffeler has again provided major help by scanning bibliographical sources for interesting titles, and Katherine Challis and the *Index Kewensis*-Team have again offered fruitful discussions on nomenclatural matters.

The Compilers

### Vorwort der Herausgeber

Eine weitere, umfangreiche Ausgabe des *Repertorium Plantarum Succulentarum* ist fertig zusammengestellt. Es scheint, dass die Flut neuer Namen nicht enden will, und die grosse Anzahl neuer Namen, welche in dieser Ausgabe Aufnahme fanden, ist ein guter Hinweis auf die Notwendigkeit des RPS. Wir hoffen, dass auch RPS 51 sich als wertvolle Informationsquelle für seine Nutzer herausstellen wird – sowohl in Bezug auf die Liste neuer Namen, wie auch in Bezug auf die enthaltene Bibliographie.

Die Zusammenstellung des RPS braucht von Jahr zu Jahr mehr Zeit – in Anbetracht der umfangreichen Informationen kein Wunder. Dies ist nicht nur durch die zunehmende Zahl der von Gesellschaften und Vereinen publizierten Zeitschriften der Fall, sondern auch wegen der Flut neuer Namen als Resultat neuerer Forschungen in verschiedenen Gebieten. Einerseits ist es natürlich erfreulich zu sehen, dass sowohl alt-bekannte wie auch 'neue' Methoden immer tiefere Einsichten in die komplizierten Verwandtschaftsverhältnisse der Sukkulanten ermöglichen, aber manchmal kommen die Herausgeber des RPS nicht darum herum, sich über die Notwendigkeit für alle diese Namen zu wundern und sich zu fragen, ob sie wirklich zu einem besseren Verständnis der Materie beitragen.

Auch dieses Jahr ist es uns wieder eine angenehme Pflicht, all denjenigen Mitgliedern und Nicht-Mitgliedern der IOS zu danken, die uns Sonderdrucke ihrer Veröffentlichungen zukommen liessen. Reto Nyffeler hat erneut verschiedene bibliographische Quellen durchkämmt und uns so sehr geholfen. Katherine Challis und das Team des *Index Kewensis* waren in Bezug auf fruchtbare Diskussionen nomenklatorischer Probleme eine grosse Hilfe.

Die Herausgeber

### Corrections to previous volumes

- The name *Turbiniacarpus pseudomacrolele* ssp. *minimus*, reported as valid in RPS 50, is in fact invalid under Art. 33.3, since the reference given is to the place where the basionym was first invalidly published, and not to the later correction published in the same year in the same periodical.
- The name *Bryophyllum lauzac-marchaliae* was erroneously omitted from RPS 50. Thanks go to V. Gapon, Moscow, for pointing out this omission.
- The combinations *Haworthia arachnoidea* var. *setata* and *H. mirabilis* var. *triebneriana* published by Bayer have erroneously been included in RPS 50 as correct names. They are, however, incorrect (but legitimate) under Art. 11.4 and 52.3. Thanks go to H. Mays and P. Forster for bringing these errors to our attention.

### Korrekturen zu früheren Bänden

- Der Name *Turbiniacarpus pseudomacrolele* ssp. *minimus*, in RPS 50 als gültig betrachtet, ist in Tat und Wahrheit unter Art. 33.3 ungültig, da sich das Literaturzitat auf die Stelle bezieht, an der das Basionym zuerst ungültig publiziert wurde, und nicht auf die Korrektur, die später im gleichen Jahr in derselben Zeitschrift veröffentlicht wurde.
- Der Name *Bryophyllum lauzac-marchaliae* wurde irrtümlich im RPS 50 nicht aufgenommen. Unser Dank geht an V. Gapon, der uns auf diese Auslassung aufmerksam machte.
- Die von Bayer veröffentlichten Kombinationen *Haworthia arachnoidea* var. *setata* und *H. mirabilis* var. *triebneriana* wurden in RPS irrtümlich als korrekte Namen aufgelistet. Sie sind jedoch unter Art. 11.4 und 52.3 inkorrekt (aber legitim). Unser Dank geht an H. Mays und P. Forster, die uns auf diesen Sachverhalt aufmerksam gemacht haben.



## NOMINA NOVA

## AGAVACEAE

- Agave attenuata* cv. *Boutin Blue* C. C. Walker, Brit. Cact. Succ. J. 18(2): 97-98, ill., 2000. [Nom. nov. pro *Agave attenuata* 'Nova' Kimnach & Trager 1990, nom. inval. ICNCP Art. 17.6.]
- Agave attenuata* cv. *Emery Stripy* C. C. Walker, Brit. Cact. Succ. J. 18(2): 97-98, ill., 2000.
- Agave petrophila* García-Mendoza & E. Martínez, Sida 18(2): 627, 1998. Typus: Martínez et al. 2639 (MEXU, BRIT, ENCB, K, MO). [Nom. nov. pro *Agave gracilis* García-Mendoza & E. Martínez 1998 (non *A. gracilis* Jacobi 1870 nec A. Berger 1915).]
- Manfreda littoralis* García-Mendoza & al., Acta Bot. Mex. 50: 39-41, ill., 2000. Typus: García-Mendoza et al. 6900 (MEXU, MO).
- Manfreda virginica* ssp. *lata* (Shinners) O'Kennon & al., in Diggs jr. & al., Shinner's & Mahler's Ill. Fl. North Central Texas, 1079, 1999. Basionym: *Agave lata*.
- Pollianthes bicolor* Solano & García-Mendoza, Sida 18(2): 473-475, ill., 1998. Typus: García-Mendoza et al. 2403 (MEXU, BRIT, FEZA).
- Yucca arkansana* ssp. *freemanii* (Shinners) Hochstätter, Yucca 1, 61, ill. (pp. 108-109), 2000. Basionym: *Yucca freemanii*.
- Yucca brevifolia* fa. *kernensis* Hochstätter, Yucca 1, 252, 2000. Based on Hochstätter 1179.66. Nom. inval. (Art. 32.1c).
- Yucca elata* ssp. *verdiensis* (McKelvey) Hochstätter, Yucca 1, 50, ill. (p. 104), 2000. Basionym: *Yucca verdiensis*. [Said to have been published in Cactaceae Rev. 1(2): 21, 1998, but this reference appears spurious.]
- Yucca glauca* ssp. *albertana* Hochstätter, Piante Grasse 20(1): 2-5, ill., 2000. Typus: Hochstätter 1179.72 (SRP).
- Yucca harrimaniae* ssp. *gilbertiana* (Trelease) Hochstätter, Yucca 1, 36, ill. (p. 91), 2000. Basionym: *Yucca harrimaniae* var. *gilbertiana*. [Repeated in Piante Grasse 21(2): 75, ill., 2001.]
- Yucca whipplei* ssp. *newberryi* (McKelvey) Hochstätter, Succulenta 79(1): 39, 2000. Basionym: *Yucca newberryi*.

## AIZOACEAE

- Antimima excedens* (L. Bolus) Klak, Bothalia 30(1): 35, 2000. Basionym: *Ruschia excedens*.
- Brownanthus fraternus* Klak, Bothalia 30(1): 37, 2000. Typus: Klak 171 (BOL, K).
- Brownanthus glareicola* Klak, Bothalia 30(1): 37-38, 2000. Typus: Klak 457 (BOL, K).
- Cheiridopsis campanulata* G. Williamson, Aloe 37(1): 4-6, ill., 2000. Typus: Williamson

5923 (NBG).

- Conophytum roodiae* ssp. *corrugatum* Smale, Brit. Cact. Succ. J. 18(2): 106, ill. (p. 105), 2000. Typus: Hammer et Oosthuizen 1957 (BOL).
- Conophytum roodiae* ssp. *cylindratum* (Schwantes) Smale, Brit. Cact. Succ. J. 18(2): 106, ill. (p. 105), 2000. Basionym: *Conophytum cylindratum*.
- Conophytum roodiae* ssp. *sanguineum* (S. A. Hammer) Smale, Brit. Cact. Succ. J. 18(2): 106, ill. (p. 105), 2000. Basionym: *Conophytum rugosum* ssp. *sanguineum*.
- Delosperma dolomitica* van Jaarsveld & A. E. van Wyk, Aloe 36(4): 73-74, ill., 2000. Typus: van Jaarsveld 15081 (NBG). [Dated 1999, publ. June 2000.]
- Drosanthemum deciduum* H. E. K. Hartmann & Bruckmann, Bradleya 18: 106, fig. 61 (p. 102), 2000. Typus: Bruckmann et Hansen 32222 (HBG).
- Drosanthemum subspinosum* (Kuntze) H. E. K. Hartmann, Bradleya 18: 84, 2000. Basionym: *Mesembryanthemum subspinosum*.
- Erepsia dunensis* (Sonder) Klak, Bothalia 30(1): 38, 2000. Basionym: *Mesembryanthemum dunense*.
- ×*Faumatium* S. A. Hammer, Mesemb Study Group Bull. 15(4): 66, 1999. [= *Faucaria* × *Stomatium*.]
- Frithia humilis* Burgoyne, Bothalia 30(1): 1-2, ill. (pp. 4-7), 2000. Typus: Burgoyne 6693 (PRE).
- Hammeria meleagris* (L. Bolus) Klak, Bothalia 30(1): 39, 2000. Basionym: *Mesembryanthemum meleagris*.
- Lithops deboeri* var. *kennedyi* (De Boer) R. Heine, Mesemb Study Group Bull. 15(3): 61, 2000. Nom. inval., based on *Lithops fulleri* var. *kennedyi*, nom. inval. (Art. 37.1). [First published invalidly (Art. 34.1c) in l.c. 15(2): 30, 2000.]
- Lithops hermetica* D. T. Cole, Cactus & Co. 4(4): 158, ill., 2000. Typus: Cole C397 (WIND, NBG [status?]). [Received 8. 2. 2001 at ZSS and thus probably only effectively published early in 2001.]
- Lithops hookeri* var. *marginata* 'Shimada's Apricot' Y. Shimada, Cact. Succ. J. (US) 72(6): 302, ill., 2000. [A spontaneous reddish mutation obtained in cultivation 1994.]
- Scopelogenia bruynsii* Klak, Bothalia 30(1): 39, 2000. Typus: Klak et Bruyns 462 (BOL, K).
- ×*Woolarganthe* S. A. Hammer, Mesemb Study Group Bull. 15(4): 66, 1999. [= *Wooleya* × *Enarganthe*.]

ALOACEAE

- Aloe Sect. Aristatae** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 31, 2000. Basionym: *Aloe* Ser. *Aristatae*.
- Aloe Sect. Asperifoliae** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 76, 2000. Basionym: *Aloe* Ser. *Asperifoliae*.
- Aloe Sect. Chabaudia** Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 88, 2000. Typus: *Aloe chabaudii* Schönland.
- Aloe Sect. Haemanthifoliae** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 23, 2000. Basionym: *Aloe* Ser. *Haemanthifoliae*.
- Aloe Sect. Latebracteatae** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 85, 2000. Basionym: *Aloe* Ser. *Latebracteatae*.
- Aloe Sect. Longistylae** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 25, 2000. Basionym: *Aloe* Ser. *Longistylae*.
- Aloe Sect. Macrifoliae** (Haworth) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 92, 2000. Basionym: *Aloe* Ser. *Macrifoliae*.
- Aloe Sect. Ortholophae** (Christian) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1): 121, 2000. Basionym: *Aloe* Subsect. *Ortholophae*.
- Aloe Sect. Pachythamnos** Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1): 126, 2000. Typus: *Aloe petricola* Pole Evans.
- Aloe Sect. Principales** (A. Berger) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 114, 2000. Basionym: *Aloe* Ser. *Principales*.
- Aloe Sect. Superpositae** (Pole Evans) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 73, 2000. Basionym: *Aloe* Ser. *Superpositae*.
- Aloe**  $\times$  *abhaica* Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 87, ills. (p. 85), 2000. Typus: *Collenette* 7165 (K). [= *Aloe pseudorubroviolacea*  $\times$  *A. edentata*.]
- Aloe ankaranensis** Rauh & Mangelsdorff, Kakt. and. Sukk. 50(10): 273-275, ills., 2000. Typus: *Mangelsdorff* s.n. in *BG Heidelberg* 74805 (HEID).
- Aloe armatissima** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 22-23, ills. (incl. p. 21), 2000. Typus: *Collenette* 3738 (K).
- Aloe bernadettae** Castillon, *Adansonia*, sér. 3, 22(1): 136-138, ills., 2000. Typus: *Castillon* 2 (P).
- Aloe bertemariae** Sebsebe & Dioli, Kew Bull. 55(3): 679-681, ills., 2000. Typus: *Dioli* 4 (ETH, K).
- Aloe bosseri** Castillon, *Adansonia*, sér. 3, 22(1): 135-137, ills., 2000. Typus: *Castillon* 1 (P).
- Aloe brunneodentata** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 86, ills. (p. 84), 2000. Typus: *Collenette* 5826 (K).
- Aloe capmanambatoensis** Rauh & Gerold, Kakt. and. Sukk. 51(11): 293-294, ills., 2000. Typus: *Rauh et Gerold* 73669a (HEID).
- Aloe cephalophora** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 20-21, ills., 2000. Typus: *Collenette* 4981 (K, ZSS).
- Aloe dichotoma** var. *ramosissima* (Pillans) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 142, 2000. Basionym: *Aloe ramosissima*.
- Aloe edentata** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 86-87, ills. (p. 85), 2000. Typus: *Collenette* 5160 (K).
- Aloe fleuretteana** Rauh & Gerold, Kakt. and. Sukk. 51(5): 121-123, ills., 2000. Typus: *Gerold* s.n. in *BG Heidelberg* 75706 (HEID).
- Aloe friisii** Sebsebe & M. G. Gilbert, Kew Bull. 55(3): 683-686, ills., 2000. Typus: *Friis et al.* 8931 (ETH, C, K).
- Aloe hijazensis** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 23-24, ills., 2000. Typus: *Collenette* 2842 (K).
- Aloe microstigma** ssp. *framesii* (L. Bolus) Glen & D. S. Hardy, in Leistner & al. (ed.), Fl. South Afr. 5(1:1): 107, 2000. Basionym: *Aloe framesii*.
- Aloe parvicapsula** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 84, 86, ills., 2000. Typus: *Collenette* 7526 (K).
- Aloe parvicoma** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 21-22, ills., 2000. Typus: *Collenette* 8565 (K).
- Aloe porphyrostachys** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 18-19, ills., 2000. Typus: *Collenette* 2900 (K).
- Aloe prostrata** ssp. *pallida* Rauh & Mangelsdorff, Kakt. and. Sukk. 51(6): 157-159, ills., 2000. Typus: *Mangelsdorff* s.n. in *BG Heidelberg* 70588 (HEID).
- Aloe pseudorubroviolacea** Lavranos & Collenette, Cact. Succ. J. (US) 72(1): 17-18, ills., 2000. Typus: *Collenette* 4409 (K).
- Aloe**  $\times$  *qaharensis* Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 87, ills. (p. 86), 2000. Typus: *Collenette* 7749 (K). [= *Aloe fleurentinum*  $\times$  *A. woodii*.]
- Aloe shadensis** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 82, ills., 2000. Typus: *Collenette* 6718 (K).
- Aloe steffanieana** Rauh, Kakt. and. Sukk. 51(3): 71-73, ills., 2000. Typus: *Razafindratsira* s.n. in *BG Heidelberg* 73599 (HEID). [Sphalm. 'steffaniana', but honouring Mrs. Steffanie Paulsen, and thus corrected in accordance with Art. 60.7, Ex. 11 (St. Louis Code).]
- Aloe vulcanica** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 87-88, ills., 2000. Based on *Collenette* 7847. *Nom. inval.* (Art. 34.1b, 36.1). [Published as provisional name.]
- Aloe woodii** Lavranos & Collenette, Cact. Succ. J. (US) 72(2): 83, ills., 2000. Typus: *Vesey-Fitzgerald* 16076/6 (BM).
- Aloe zombitsiensis** Rauh & M. Teissier, Kakt.



- and. *Sukk.* 51(8): 201-203, ill., 2000. Typus: *Anonymus* s.n. in *BG Heidelberg* 73994 (HEID).
- Astroloba rubriflora* (L. Bolus) G. F. Smith & J. C. Manning, *Bothalia* 30(1): 53, 2000. Basionym: *Apicra rubriflora*. [Name first used by E. Lamb, *Ill. Ref. Cacti & Other Succ.* 1: 230, 1955.]
- Gasteria* cv. *Royston's Fan Mak*, *Haworthiad* 14(1): 9-11, ill., 2000. [A cristate form obtained in cultivation. Publication repeated in *Cact. Vetpl. (Wijnegem - 2)* 17(8): 117-118, ill., 2000.]
- Gasteria batesiana* var. *dolomitica* van Jaarsveld & E. A. van Wyk, *Aloe* 36(4): 74, 2000. Typus: *van Jaarsveld et Hankey* 15081 (NBG). [Dated 1999, publ. June 2000.]
- Haworthia acuminata* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia retusa* fa. *acuminata*.
- Haworthia altissima* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia angustifolia* var. *altissima*.
- Haworthia arachnoidea* var. *gigas* (von Poellnitz) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia gigas*. [Basionym erroneously given as *H. setata* var. *gigas* and here corrected.]
- Haworthia asema* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia monticola* var. *asema*.
- Haworthia beukmanii* (von Poellnitz) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia emelyae* var. *beukmanii*.
- Haworthia calcarea* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia mirabilis* var. *calcarea*.
- Haworthia consanguinea* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia mirabilis* var. *consanguinea*.
- Haworthia corrugata* (N. L. Meyer & G. F. Smith) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Astroloba corrugata*.
- Haworthia cyanea* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia decipiens* var. *cyanea*.
- Haworthia dentata* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia floribunda* var. *dentata*.
- Haworthia denticulifera* (von Poellnitz) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia angustifolia* var. *denticulifera*.
- Haworthia derustensis* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia blackburniae* var. *derustensis*.
- Haworthia dimorpha* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia archeri* var. *dimorpha*.
- Haworthia divergens* var. *meiringii* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia maraisii* var. *meiringii*.
- Haworthia gigantea* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia limifolia* var. *gigantea*.
- Haworthia globifera* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia pulchella* var. *globifera*.
- Haworthia hallii* (Roberts Reinecke) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. *Nom. inval.*, based on *Astroloba hallii*, *nom. inval.* (*Art.* 29.1). [Given as "n.n." and based on an invalid basionym name.]
- Haworthia hemicypta* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia variegata* var. *hemicypta*.
- Haworthia integra* var. *standeri* J. Esterhuizen, *Haworthiad* 14(1): 21-22, ill. (p. 19), 2000. Typus: *Esterhuizen* 1/98 (PRE).
- Haworthia keithii* (G. G. Smith) M. Hayashi, *Haworthia No. 3*: 13, 2000. Basionym: *Haworthia limifolia* var. *keithii*.
- Haworthia kondoi* M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Typus: *De Kok* s.n. (NBG). [*Nom. nov. pro Haworthia floribunda* var. *major* M. B. Bayer 1999.]
- Haworthia lupula* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia herbacea* var. *lupula*.
- Haworthia maraisii* var. *livida* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia pubescens* var. *livida*.
- Haworthia maraisii* var. *toonensis* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia heidelbergensis* var. *toonensis*.
- Haworthia modesta* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia variegata* var. *modesta*.
- Haworthia multifolia* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia emelyae* var. *multifolia*.
- Haworthia pallida* var. *flaccida* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia herbacea* var. *flaccida*.
- Haworthia petrophila* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia variegata* var. *petrophila*.
- Haworthia picturata* (M. B. Bayer) M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Basionym: *Haworthia gracilis* var. *picturata*.
- Haworthia pygmaea* cv. *Fan of Woodstock Mak*, *Haworthiad* 14(1): 9-10, ill., 2000. [A cristate form obtained in cultivation. Publication repeated in *Cact. Vetpl. (Wijnegem - 2)* 17(8): 116-117, ill., 2000.]
- Haworthia sakaii* M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Typus: B [lecto: unpubl. ill.] [Lectotype for the replaced name designated by Breuer & Metzger, *Taxon* 46: 7, 1997.]. [*Nom. nov. pro Haworthia altilinea* var. *morrisiae* von Poellnitz 1940.]
- Haworthia silviae* M. Hayashi, *Haworthia Study No. 3*: 13, 2000. Typus: *Emett* s.n. (NBG 68037, PRE). [*Nom. nov. pro Haworthia dekenahii* var. *argenteo-maculosa* G. G. Smith 1945.]
- Haworthia silviae* var. *nigra* (M. B. Bayer) M.

Hayashi, *Haworthia* Study No. 3: 13, 2000.  
Basionym: *Haworthia mutica* var. *nigra*.

*Haworthia splendens* (S. A. Hammer & D. J. Venter) M. Hayashi, *Haworthia* Study No. 3: 13, 2000. Basionym: *Haworthia magnifica* var. *splendens*.

*Haworthia subglauca* (von Poellnitz) M. Hayashi, *Haworthia* Study No. 3: 13, 2000. Basionym: *Haworthia chloracantha* var. *subglauca*.

*Haworthia transiens* (von Poellnitz) M. Hayashi, *Haworthia* Study No. 3: 13, 2000. Basionym: *Haworthia planifolia* var. *transiens*.

*Haworthia wimii* M. Hayashi, *Haworthia* Study No. 3: 13, 2000. Typus: *Smith* 5370 (NBG). [Nom. nov. pro *Haworthia schuldiana* var. *major* G. G. Smith 1946.]

#### ASCLEPIADACEAE

*Baynesia Bruyns*, *Novon* 10: 354-356, ills., 2000. Typus: *Baynesia lophophora* Bruyns.

*Baynesia lophophora* Bruyns, *Novon* 10: 354-356, ills., 2000. Typus: *Bruyns* 8000 (BOL, K, MO, PRE, WIND).

*Brachystelma molaventi* Peckover & A. E. van Wyk, *Aloe* 36(2-3): 46-48, ills., 2000. Typus: *van Wyk* 12483 (PRU, NH).

*Ceropegia ahmarenis* Masinde, *Kew Bull.* 55: 225-228, ills., 2000. Typus: *Bailes* 81 (K).

*Ceropegia kituloensis* Masinde & F. Albers, *Bot. Jahrb. Syst.* 122(2): 161-167, ills., 2000. Typus: *Leedal* 5293 (K).

*Ceropegia maasaorum* Halda & Prokes, *Cactaceae* etc. 10(2): 43-45, ill., 2000. Typus: *Halda et Prokes* 20000125 (Herb. Halda).

*Ceropegia verticillata* Masinde, *Cact. Succ. J. (US)* 72(3): 155-158, ills., 2000. Typus: *Byt-bier* 1160 (EA, BR).

*Hoya callistophylla* T. Green, *Fraterna* 13(4): 2-4, ills. (incl. cover), 2000. Typus: *Wallace & Lamb* s.n. in *Green* 201 (BISH).

*Hoya deykei* T. Green, *Fraterna* 13(1): 15-16, ills., 2000. Typus: *Green* 9903 (BISH). [The type citation is somewhat confused, and the taxon could arguably be invalid under Art. 37.1.]

*Hoya lambii* T. Green, *Fraterna* 13(2): 2-3, cover-ill., 2000. Typus: *Green* 9905 (BISH).

*Hoya recurvula* Kloppenburg, *Fraterna* 13(4): 9-12, ills., 2000. Typus: *Kloppenburg* s.n. (UC 81009).

*Orbea miscella* (N. E. Brown) Meve, *Kakt. and. Sukk.* 51(7): 186, ill. (p. 183), 2000. Basionym: *Stapelia miscella*.

*Raphionacme ernstiana* Meve, *Bradleya* 18: 55-58, ills., 2000. Typus: *Specks* 1038 (K, UBT).

*Raphionacme sylvicola* Venter & Verhoeven, *Novon* 10(2): 170-172, ills., 2000. Typus: *Merello et al.* 962 (MO, K).

*Rhytidocaulon ciliatum* Hanáček & Ricánek, *Asklepios* No. 80: 19-21, ills., 2000. Typus: *Ricánek et Hanáček* 265 (BRNM).

#### ASPHODELACEAE

*Bulbine canaliculata* G. Williamson, *Bradleya* 18: 37, ills. (p. 39), 2000. Based on *Williamson* 5928. *Nom. illeg.* (Art. 53.1). [Non *Bulbine canaliculata* (Aiton) Sprenger 1825. Validly renamed *B. erectipilosa* G. Williamson 2001.]

*Bulbine cremnophila* van Jaarsveld, *Aloe* 36(4): 72, ills., 2000. Typus: *van Jaarsveld* 7238 (NBG). [Dated 1999, publ. June 2000.]

*Bulbine lavrani* G. Williamson & Baijnath, *Aloe* 36(2-3): 28-30, ills., 2000. Typus: *Williamson* 5283 (NBG). [Dated 1999, received 7. Feb. 2000.]

*Bulbine muscicola* G. Williamson, *Bradleya* 18: 36, ills. (p. 32, 38), 2000. Typus: *Williamson* 5930 (NBG).

*Bulbine rupicola* G. Williamson, *Bradleya* 18: 35-36, ills., 2000. Typus: *Williamson* 5927 (NBG).

*Bulbine undulata* G. Williamson, *Bradleya* 18: 32-34, ills., 2000. Typus: *Williamson* 5931 (NBG).

#### ASTERACEAE

*Othonna wrinkleana* Lavranos, *Piante Grasse* 20(1): 34-37, ills., 2000. Typus: *Geldenhuis* s.n. in *Lavranos* 31141 (MO, STE, P).

#### BURSERACEAE

*Bursera laurihuertae* Rzedowski & Calderón, *Acta Bot. Mex.* 52: 75-78, ills., 2000. Typus: *Rzedowski* 34383 (IEB, ANSM, CAS, CHAPA, CIDIR, ENCB, IBUG, MEXU, MICH, NY, OAX, TEX, XAL).

#### CACTACEAE

×*Aporocryptocereus* Xhonneux, *Cact. Aventures* No. 45: 24, 2000. [= *Aporocactus* × *Cryptocereus*.]

×*Aporocryptocereus* cv. *Quelle Longueur* Xhonneux, *Cact. Aventures* No. 45: 24, ill., 2000. [= *Aporophyllum* 'Chute Rose' × *Cryptocereus anthonyanus*.]

*Ariocarpus* ×*drábii* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 33, 2000. Typus: *Halda et Sladkovský* 8510013 (PR). [Sphalm. 'drábi'. = *Ariocarpus retusus* × *A. kotschoubeyanus*.]

*Ariocarpus retusus* ssp. *sladkovskyi* Halda & Kupcák, *Acta Mus. Richnov. Sect. Nat.* 7(1): 33, 2000. Typus: *Halda et Sladkovský* 85042613 (PR).

×*Astromelocactus* cv. *Gaponianus* Gapon, *Kaktus Klub* 1999(2): 20-21, ill., 1999.



- [*Nomen nugax*, = *Astrophytum* hybr. 'SenAsCap' × *Melocactus matanzanus*.]
- Astrophytinae** Doweld, *Novosti Sist. Vyssh. Rast.* 32: 115, 2000. Typus: *Astrophytum* Lemaire. [Name first used in *Sukkulentny* 1999(2): 38, 1999. The name is (*Sukkulentny* 3(1-2): 63, 2000) cited as combination for tribe *Astrophyteae* Horaninow, *Char. Ess. Fam.*, 143, 1847]
- Astrophytum** Ser. *Anastrophytum* Doweld, *Sukkulentny* 3(1-2): 36, 2000. Typus: *Astrophytum asterias*.
- Astrophytum** *capricorne* ssp. *senile* (Fric) Doweld, *Sukkulentny* 3(1-2): 36, 2000. Basionym: *Astrophytum senile*.
- Astrophytum** *mirum* Halda & Panarotto, *Acta Mus. Richnov. Sect. Nat.* 7(1): 33, 2000. Typus: *Halda et Panarotto* 85041903 (PR).
- Bartschella** Ser. *Glassella* Doweld, *Sukkulentny* 3(1-2): 38, 2000. Typus: *Mammillaria glassii* R. A. Foster.
- Bartschella** Ser. *Napinae* (Keizer) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria* Ser. *Napinae*.
- Bartschella** Ser. *Phellosperma* (Britton & Rose) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Phellosperma*.
- Bartschella** Ser. *Probartschella* Doweld, *Sukkulentny* 3(1-2): 38, 2000. Typus: *Mammillaria armillata* K. Brandegee.
- Bartschella** Ser. *Zephyranthoides* (E. Kuhn & B. Hofmann) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria* Ser. *Zephyranthoides*.
- Bartschella** *albicans* (Britton & Rose) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Neomammillaria albicans*.
- Bartschella** *albicans* ssp. *fraileana* (Britton & Rose) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Neomammillaria fraileana*.
- Bartschella** *armillata* (K. Brandegee) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Mammillaria armillata*.
- Bartschella** *boolii* (G. Lindsay) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Mammillaria boolii*.
- Bartschella** *cerralboa* (Britton & Rose) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Neomammillaria cerralboa*.
- Bartschella** *deherdtiana* (Farwig) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Mammillaria deherdtiana*.
- Bartschella** *deherdtiana* ssp. *dodsonii* (Bravo) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Mammillaria dodsonii*.
- Bartschella** *glassii* (R. A. Foster) Doweld, *Sukkulentny* 3(1-2): 37, 2000. Basionym: *Mammillaria glassii*.
- Bartschella** *glassii* ssp. *ascensionis* (Reppenhagen) Doweld, *Sukkulentny* 3(1-2): 37-38, 2000. Basionym: *Mammillaria ascensionis*.
- Bartschella** *glassii* ssp. *nominis-dulcis* (A. B. Lau) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria glassii* var. *nominis-dulcis*.
- Bartschella** *glassii* ssp. *siberiensis* (A. B. Lau) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria glassii* var. *siberiensis*.
- Bartschella** *guelzowiana* (Werdermann) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria guelzowiana*.
- Bartschella** *heidiae* (Krainz) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria heidiae*.
- Bartschella** *hernandezii* (Glass & R. A. Foster) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria hernandezii*.
- Bartschella** *hutchisoniana* (H. E. Gates) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Neomammillaria hutchisoniana*.
- Bartschella** *hutchisoniana* ssp. *louisae* (G. E. Lindsay) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria louisae*. [*Sphalm.* 'louisae'.]
- Bartschella** *insularis* (H. E. Gates) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria insularis*.
- Bartschella** *multidigitata* (G. E. Lindsay) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria multidigitata*.
- Bartschella** *napina* (J. A. Purpus) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria napina*.
- Bartschella** *palmeri* (J. M. Coulter) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Cactus palmeri*.
- Bartschella** *tetrancistra* (Engelmann) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria tetrancistra*.
- Bartschella** *yaquensis* (R. T. Craig) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria yaquensis*.
- Bartschella** *zephyranthoides* (Scheidweiler) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mammillaria zephyranthoides*.
- Bisnaga** *latispina* (Haworth) Doweld, *Sukkulentny* 3(1-2): 36, 2000. Basionym: *Cactus latispinus*.
- Bisnaga** *latispina* ssp. *spiralis* (Karwinsky ex Pfeiffer) Doweld, *Sukkulentny* 3(1-2): 36, 2000. Basionym: *Echinocactus spiralis*.
- Boliviactus** Doweld, *Sukkulentny* 3(1-2): 62, 2000. Typus: *Echinocactus maassii*.
- Boliviactus** *aureicentrus* (Backeberg) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia aureicentra*.
- Boliviactus** *columnaris* (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia columnaris*.
- Boliviactus** *comarapanus* (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia comarapana*.
- Boliviactus** *commutans* (F. Ritter) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia commutans*.
- Boliviactus** *hausteinianus* (Rausch) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia hausteiniana*.
- Boliviactus** *maassii* (Heese) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Echinocactus*

- maassii*. [Basionym erroneously cited as 'Parodia maassii', here treated as bibliographical error and corrected.]
- Bolivicactus mairananus** (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia mairanana*.
- Bolivicactus ocampoi** (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia ocampoi*.
- Bolivicactus procerus** (F. Ritter) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia procerus*.
- Bolivicactus ritteri** (Buining) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia ritteri*.
- Bolivicactus saint-pieanus** (Backeberg) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Parodia saint-pieana*.
- Bolivicactus schwebsianus** (Werdermann) Doweld, *Sukkulentny* 3(1-2): 62, 2000. Basionym: *Echinocactus schwebsianus*.
- Bolivicactus stuemeri** (Werdermann) Doweld, *Sukkulentny* 3(1-2): 63, 2000. Basionym: *Echinocactus stuemeri*.
- Bolivicactus subterraneus** (F. Ritter) Doweld, *Sukkulentny* 3(1-2): 63, 2000. Basionym: *Parodia subterranea*.
- Bolivicactus taratensis** (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 63, 2000. Basionym: *Parodia taratensis*.
- Bolivicactus tilcarensis** (Werdermann & Backeberg) Doweld, *Sukkulentny* 3(1-2): 63, 2000. Basionym: *Echinocactus stuemeri* var. *tilcarensis*.
- Bolivicactus tuberculatus** (Cárdenas) Doweld, *Sukkulentny* 3(1-2): 63, 2000. Basionym: *Parodia tuberculata*.
- Brasilicactus** Ser. *Ritterocactoides* Doweld, *Sukkulentny* 3(1-2): 59, 2000. Typus: *Parodia alacriportana* Backeberg & Voll.
- Cleistocactus roseiflorus** (Buining) G. D. Rowley, *Brit. Cact. Succ. J.* 18(4): 208, ill. (p. 206), 2000. Basionym: *Akersia roseiflora*.
- Cochemiea** Sect. *Mamillopsis* (Morren) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria* Sect. *Mamillopsis*.
- Cochemiea** Sect. *Protochemiea* Doweld, *Sukkulentny* 3(1-2): 39, 2000. Typus: *Neomammillaria capensis* H. E. Gates.
- Cochemiea** Ser. *Barbatae* Doweld, *Sukkulentny* 3(1-2): 39, 2000. Typus: *Mamillaria barbata* Engelm.
- Cochemiea** Ser. *Cochemieoides* Doweld, *Sukkulentny* 3(1-2): 39, 2000. Typus: *Neomammillaria capensis* H. E. Gates.
- Cochemiea** Ser. *Saboeae* Doweld, *Sukkulentny* 3(1-2): 39, 2000. Typus: *Mamillaria saboeae* Glass.
- Cochemiea** Ser. *Seniles* Doweld, *Sukkulentny* 3(1-2): 39, 2000. Typus: *Mamillaria senilis* Hartweg (as *Cochemiea senilis* (Loddiges ex Salm-Dyck) Orcutt).
- Cochemiea barbata** (Engelm.) Doweld, *Sukkulentny* 3(1-2): 38, 2000. Basionym: *Mamillaria barbata*.
- Cochemiea capensis** (H. E. Gates) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Neomammillaria capensis*.
- Cochemiea dioica** (K. Brandegee) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria dioica*.
- Cochemiea dioica** ssp. *angelensis* (R. T. Craig) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria angelensis*.
- Cochemiea dioica** ssp. *estebanensis* (G. E. Lindsay) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria estebanensis*.
- Cochemiea grahamii** (Engelm.) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria grahamii*.
- Cochemiea phitauiana** (E. M. Baxter) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Neomammillaria phitauiana*.
- Cochemiea saboeae** (Glass) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria saboeae*.
- Cochemiea saboeae** ssp. *goldii* (Glass & R. A. Foster) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria goldii*.
- Cochemiea saboeae** ssp. *haudeana* (A. B. Lau & Wagner) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria haudeana*.
- Cochemiea swinglei** (Britton & Rose) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Neomammillaria swinglei*.
- Cochemiea theresae** (Cutak) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria theresae*.
- Cochemiea wrightii** (Engelm. & Bigelow) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria wrightii*.
- Cochemiea wrightii** ssp. *wilcoxii* (Toumey ex K. Schumann) Doweld, *Sukkulentny* 3(1-2): 39, 2000. Basionym: *Mamillaria wilcoxii*.
- Cochemieinae** Doweld, *Sukkulentny* 3(1-2): 13, 2000. Typus: *Cochemiea* (K. Brandegee) J. Walton.
- Consolea picardae** (Urban) Areces, *Cact. Succ. J. (US)* 72(1): 42, ill., 2000. Basionym: *Opuntia picardae*.
- Copiapoinae** Doweld, *Sukkulentny* 3(1-2): 63, 2000. Typus: *Copiapoa* Britton & Rose.
- Coryphantha pallida** ssp. *calipensis* (Bravo ex Arias) Dicht & A. Lüthy, *J. Mammillaria Soc.* 40(4): 49-50, ill. (pp. 47-48), 2000. Basionym: *Coryphantha calipensis*. [To be regarded as validly published despite the fact that the basionym is only rather cryptically indicated on p. 49 (K. Challis, in lit. Jan. 2001).]
- Coryphantha ramillosa** ssp. *santarosa* Dicht & A. Lüthy, *Kakt. and. Sukk.* 51(6): 141-144, ill., 2000. Typus: *Hinton et al.* 25792 (Herb. G. H. Hinton).
- Coryphantha werdermannii** ssp. *unguispina* Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 34, 2000. Typus: *Halda et Sladkovský* 85041806 (PR).
- Cylindropuntia anteojoensis** (Pinkava) E. F. Anderson, *Cact. Succ. J. (US)* 72(1): 46, 2000. Basionym: *Opuntia anteojoensis*. [First pub-

- lished invalidly (Art. 33.2) in l.c. 71(6): 324, 1999.]
- Dolichothele carretii** (Rebut *ex* K. Schumann) Doweld, *Sukkulentý* 3(1-2): 37, 2000. Basionym: *Mammillaria carretii*.
- Echinocactus horizontalonius** ssp. *jarmilae* Halda & Horáček, *Acta Mus. Richnov. Sect. Nat.* 7(1): 34, 2000. Typus: *Halda et Horáček* 85041288 (PR).
- Echinocereus bonkeræ** fa. *apachensis* (W. Blum & Rutow) E. Lutz, *Echinocereenfreund* 13(2): 37, ill., 2000. *Nom. inval.* (Art. 33.2), based on *Echinocereus apachensis*.
- Echinocereus bonkeræ** fa. *boyce-thompsonii* (Orcutt) E. Lutz, *Echinocereenfreund* 13(2): 36, ill., 2000. *Nom. inval.* (Art. 33.2, 11.1), based on *Echinocereus boyce-thompsonii*. [Published provisionally to serve as base for discussions.]
- Echinocereus engelmannii** ssp. *variegatus* (Engelmann & Bigelow) E. Lutz, *Echinocereenfreund* 13(4): 97, ill. (p. 93, 96), 2000. Basionym: *Cereus engelmannii* var. *variegatus*. [Dated 1999, publ. 2000.]
- Echinocereus knippelianus** ssp. *kaplani* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 34, 2000. Typus: *Halda et Sladkovský* 8504132 (PR). [Sphalm. 'kaplani'.]
- Echinocereus pulchellus** ssp. *sladkovskyi* Halda & Kupcák, *Acta Mus. Richnov. Sect. Nat.* 7(1): 34, 2000. Typus: *Halda et Sladkovský* 850418033 (PR).
- Echinocereus pulchellus** var. *costatus* Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 34, 2000. Typus: *Halda et Sladkovský* 8504131 (PR).
- Echinocereus reichenbachii** ssp. *burrensis* G. R. W. Frank & al., *Echinocereenfreund* 13(3): 63-77, ill., 2000. Typus: *Aguirre Benavides* s.n. (ZSS).
- Echinomastus mariposensis** ssp. *fischeri* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 35, 2000. Typus: *Halda et Sladkovský* 8504133 (PR).
- Echinopsis arachnacantha** cv. *Bright Sprite* M. Holmes, *Cact. Succ. J. (Woollahra)* 22(7): 124-125, ill., 2000. [From a cross between various colour forms of *E. arachnacantha*.]
- Epithelanthinae** Doweld, *Novosti Sist. Vyssh. Rast.* 32: 116, 2000. Typus: *Epithelantha* Britton & Rose. [Name first used in *Sukkulentý* 1999(2): 26.]
- ×**Epixochia** cv. *Flor de Curuba* Xhonneux, *Cact. Aventures* No. 45: 22, ill., 2000. [= *Epiphyllum darrahii* × *Nopalxochia* sp.]
- Eriocactus** Ser. **Pampocactus** (Doweld) Doweld, *Turczaninowia* 3(3): 7, 2000. Basionym: *Notocactus* Ser. *Pampocactus*. [Validity depending on the acceptance of the proposal to conserve the generic name *Eriocactus* (Doweld in *Taxon* 49: 566-568, 2000).]
- Eriocactus** Subgen. **Eonotocactus** (Doweld) Doweld, *Turczaninowia* 3(3): 6, 2000. Basionym: *Notocactus* Subgen. *Eonotocactus*. [Validity depending on the acceptance of the proposal to
- conserve the generic name *Eriocactus* (Doweld in *Taxon* 49: 566-568, 2000).]
- Eriocactus schumannianus** ssp. *claviceps* (F. Ritter) Doweld, *Turczaninowia* 3(3): 7, 2000. Basionym: *Eriocactus claviceps*. [Validity depending on the acceptance of the proposal to conserve the generic name *Eriocactus* (Doweld in *Taxon* 49: 566-568, 2000).]
- Eriosyce multicolorispina** Janeba & Slaba, *Kaktusy* 36(3): 66-69, ill., 2000. Typus: *Slaba* 4b (PR 11502).
- Escobaria sniceri** Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 35, 2000. Typus: *Halda et Sladkovský* 85040071 (PR).
- Escobaria strobiliformis** ssp. *sisperai* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 35, 2000. Typus: *Halda et Sladkovský* 85040073 (PR).
- Escobaria zilziana** ssp. *fricii* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 35, 2000. Typus: *Halda et Sladkovský* 8504013520 (PR).
- Escobariinae** Doweld, *Sukkulentý* 3(1-2): 22, 2000. Typus: *Escobaria* Britton & Rose.
- Escobariopsis** Doweld, *Sukkulentý* 3(1-2): 23, 2000. Typus: *Cactus prolifer* Miller.
- Escobariopsis** Sect. **Acentracantha** (Buxbaum) Doweld, *Sukkulentý* 3(1-2): 42, 2000. Basionym: *Chilita* Subgen. *Acentracantha*.
- Escobariopsis** Sect. **Polycentracantha** Doweld, *Sukkulentý* 3(1-2): 42, 2000. Typus: *Mammillaria pennispinosa* Krainz.
- Escobariopsis** Ser. **Herrerae** (J. Lüthy) Doweld, *Sukkulentý* 3(1-2): 42, 2000. Basionym: *Mammillaria* Ser. *Herrerae*.
- Escobariopsis** Ser. **Lasiacanthae** (D. R. Hunt) Doweld, *Sukkulentý* 3(1-2): 42, 2000. Basionym: *Mammillaria* Ser. *Lasiacanthae*.
- Escobariopsis** Ser. **Pennispinosae** Doweld, *Sukkulentý* 3(1-2): 42, 2000. Typus: *Mammillaria pennispinosa* Krainz.
- Escobariopsis** Ser. **Sphaclatae** (D. R. Hunt) Doweld, *Sukkulentý* 3(1-2): 42, 2000. Basionym: *Mammillaria* Ser. *Sphaclatae*.
- Escobariopsis albicoma** (Bödeker) Doweld, *Sukkulentý* 3(1-2): 39, 2000. Basionym: *Mammillaria albicoma*.
- Escobariopsis albiflora** (Werdermann) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria herrerae* var. *albiflora*.
- Escobariopsis aureilana** (Backeberg) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria aureilana*.
- Escobariopsis bombycina** (Quehl) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria bombycina*.
- Escobariopsis carmenae** (Castañeda) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria carmenae*.
- Escobariopsis fittkaui** (Glass & R. A. Foster) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria fittkaui*.
- Escobariopsis fittkaui** ssp. *limonensis* (Reppenhagen) Doweld, *Sukkulentý* 3(1-2): 40, 2000. Basionym: *Mammillaria limonensis*.



- Escobariopsis fitzkau* ssp. *mathildae* (Krähenbühl & Krainz) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria mathildae*.
- Escobariopsis gracilis* (Pfeiffer) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria gracilis*.
- Escobariopsis herrerae* (Werdermann) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria herrerae*.
- Escobariopsis humboldtii* (Ehrenberg) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria humboldtii*.
- Escobariopsis jaliscana* (Britton & Rose) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Neomammillaria jaliscana*. [Basionym erroneously cited as '*Neomammillaria bombycina*' and here corrected on account of the correct literature reference and typification details provided by Doweld l.c.]
- Escobariopsis jaliscana* ssp. *zacatecasensis* (Shurly) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria zacatecasensis*.
- Escobariopsis kraehenbuehlii* (Krainz) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Pseudomammillaria kraehenbuehlii*.
- Escobariopsis lasiacantha* (Engelmann) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria lasiacantha*.
- Escobariopsis lasiacantha* ssp. *egregia* (Backeberg ex Rogozinski & Appenzeller) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria egregia*.
- Escobariopsis lasiacantha* ssp. *magallanii* (R. T. Craig) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria magallanii*.
- Escobariopsis lasiacantha* ssp. *wohlschlagerei* (Reppenhagen) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria wohlschlagerei*.
- Escobariopsis laui* (D. R. Hunt) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria laui*.
- Escobariopsis laui* ssp. *dasyacantha* (D. R. Hunt) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria laui* f. *dasyacantha*.
- Escobariopsis laui* ssp. *subducta* (D. R. Hunt) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria laui* f. *subducta*.
- Escobariopsis lenta* (K. Brandege) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria lenta*.
- Escobariopsis mazatlanensis* (K. Schumann ex Gürke) Doweld, *Sukkulent* 3(1-2): 40, 2000. Basionym: *Mammillaria mazatlanensis*.
- Escobariopsis mazatlanensis* ssp. *patonii* (Bravo) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Neomammillaria patonii*.
- Escobariopsis mercadensis* (Paton) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria mercadensis*.
- Escobariopsis moelleriana* (Bödeker) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria moelleriana*.
- Escobariopsis oteroi* (Glass & R. A. Foster) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria oteroi*.
- Escobariopsis pennispinosa* (Krainz) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria pennispinosa*.
- Escobariopsis pennispinosa* ssp. *nazasensis* (Glass & R. A. Foster) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria pennispinosa* var. *nazasensis*.
- Escobariopsis perezdelarosae* (Bravo & Scheinvar) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria perezdelarosae*. [Basionym genus name erroneously given as '*Neomammillaria*' and here corrected.]
- Escobariopsis picta* (Meinshausen) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria picta*.
- Escobariopsis pilispina* (J. A. Purpus) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria pilispina*.
- Escobariopsis plumosa* (F. A. C. Weber) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria plumosa*.
- Escobariopsis prolifera* (Miller) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Cactus prolifer*.
- Escobariopsis prolifera* ssp. *arachnoidea* (D. R. Hunt) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria prolifera* var. *arachnoidea*.
- Escobariopsis prolifera* ssp. *haitiensis* (K. Schumann) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria pusilla* var. *haitiensis*.
- Escobariopsis prolifera* ssp. *texana* (Engelmann) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria pusilla* var. *texana*.
- Escobariopsis prolifera* ssp. *zuberlae* (Reppenhagen) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria zuberlae*.
- Escobariopsis rayonesensis* (Reppenhagen) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria rayonesensis*.
- Escobariopsis rettigiana* (Bödeker) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria rettigiana*.
- Escobariopsis sanchez-mejoradae* (R. González G.) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria sanchez-mejoradae*.
- Escobariopsis schiedeana* (Ehrenberg) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria schiedeana*.
- Escobariopsis sinistrohamata* (Bödeker) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria sinistrohamata*.
- Escobariopsis sphaelata* (Martius) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria sphaelata*. [Basionym erroneously given as '*Mammillaria vetula*' and here corrected on account of the literature reference and typification given l.c.]
- Escobariopsis tonalensis* (D. R. Hunt) Doweld, *Sukkulent* 3(1-2): 41, 2000. Basionym: *Mammillaria tonalensis*.
- Escobariopsis vetula* (Martius) Doweld, *Sukkulent* 3(1-2): 41-42, 2000. Basionym: *Mam-*

- millaria vetula.*
- Escobariopsis viereckii** (Bödeker) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria viereckii*.
- Escobariopsis viperina** (J. A. Purpus) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria viperina*.
- Escobariopsis weingartiana** (Bödeker) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria weingartiana*.
- Escobrittonia** Doweld, *Sukkulenty* 3(1-2): 17, 2000. Typus: *Coryphantha gracilis* L. Bremer & A. B. Lau.
- Escobrittonia gracilis** (L. Bremer & A. B. Lau) Doweld, *Sukkulenty* 3(1-2): 17, 2000. Basionym: *Coryphantha gracilis*.
- Gymnocactus horripilus** ssp. *kvetae* Chvastek & Halda, *Acta Mus. Richnov. Sect. Nat.* 7(1): 35-36, 2000. Typus: *Chvastek* 412 (PR).
- Gymnocactus viereckii** ssp. *major* (Glass & R. A. Foster) Doweld, *Sukkulenty* 3(1-2): 37, 2000. Basionym: *Gymnocactus viereckii* var. *major*.
- Gymnocalycium andreae** var. *fehseri* H. Till, *Gymnocalycium* 13(4): 378, ills. (p. 377), 2000. Typus: *Fehser* s.n. (BA). [First published as provisional name in *l.c.* 5(2): 64, ill., 1992.]
- Gymnocalycium andreae** var. *longispinum* Rausch, *Gymnocalycium* 13(4): 378, ills., 2000. Typus: *Rausch* 108 (BA).
- Gymnocalycium andreae** var. *matznetteri* Rausch, *Gymnocalycium* 13(4): 379-380, ills., 2000. Typus: *Rausch* 567a (BA).
- Gymnocalycium kroenleinii** R. Kiesling & al., *Kakt. and. Sukk.* 51(12): 315-318, ills., SEM-ills., 2000. Typus: *Kiesling et Ferrari* 9304 (SI).
- Gymnocalycium pflanzii** var. *paraguayense* H. Till & Amerhauser, *Gymnocalycium* 13(1): 347, ill., 2000. Typus: *Friedrich* s.n. (PY).
- Gymnocalycium reductum** ssp. *leanum* (Hooker) Papsch, *Gymnocalycium* 13(3): 371, 2000. Basionym: *Echinocactus leanus*.
- Gymnocalycium reductum** var. *schatzlianum* (Strigl & W. Till) Papsch, *Gymnocalycium* 13(3): 371, 2000. Basionym: *Gymnocalycium schatzlianum*.
- Gymnocalycium zegarrae** ssp. *millaresii* (Cárdenas) H. Till. & W. Till, *Gymnocalycium* 13(2): 355, ills. (p. 356-357), 2000. Basionym: *Gymnocalycium millaresii*.
- Gymnocalycium zegarrae** var. *riograndense* (Cárdenas) H. Till & Amerhauser, *Gymnocalycium* 13(2): 353, ills. (p. 354), 2000. Basionym: *Gymnocalycium riograndense*.
- Haageocereus pacalaensis** ssp. *repens* (Rauh & Backeberg) Ostolaza, *Brit. Cact. Succ. J.* 18(3): 130, ills. (p. 131), 2000. Basionym: *Haageocereus repens*.
- Kadenicarpus pseudomacrolele** ssp. *lausseri* (Diers & G. Frank) Doweld, *Sukkulenty* 3(1-2): 37, 2000. Basionym: *Turbincarpus pseudomacrolele* var. *lausseri*.
- Krainzia** Sect. *Decipientes* (D. R. Hunt) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria* Ser. *Decipientes*.
- Krainzia** Sect. *Leptocladodae* (Lemaire) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria* group *Leptocladodae*.
- Krainzia** Sect. *Stylothelae* (Pfeiffer) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria* group *Stylothelae*.
- Krainzia bocasana** (Poselger) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria bocasana*.
- Krainzia bocasana** ssp. *eschauzieri* (Coultter) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Cactus eschauzieri*.
- Krainzia crinita** (De Candolle) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria crinita*.
- Krainzia crinita** ssp. *leucantha* (Bödeker) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria leucantha*.
- Krainzia crinita** ssp. *wildii* (A. Dietrich) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria wildii*.
- Krainzia decipiens** (Scheidweiler) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria decipiens*.
- Krainzia decipiens** ssp. *albescens* (Tiegel) Doweld, *Sukkulenty* 3(1-2): 42, 2000. Basionym: *Mammillaria albescens*.
- Krainzia decipiens** ssp. *camptotricha* (Dams) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria camptotricha*.
- Krainzia densispina** (Coultter) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Cactus densispinus*.
- Krainzia elongata** (De Candolle) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria elongata*.
- Krainzia erythrosperma** (Bödeker) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria erythrosperma*.
- Krainzia longiflora** ssp. *stampferi* (Reppenhagen) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria stampferi*.
- Krainzia microhelia** (Werdermann) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria microhelia*.
- Krainzia pottsii** (Scheer ex Salm-Dyck) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria pottsii*.
- Krainzia schwarzii** (Shurly) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria schwarzii*.
- Krainzia tepexicensis** (Meyrán) Doweld, *Sukkulenty* 3(1-2): 43, 2000. Basionym: *Mammillaria tepexicensis*.
- Lepismium asuntapatense** M. Kessler & al., *Bradleya* 18: 13-14, fig. 5 (p. 28), 2000. Typus: *Kessler* 9800 (LPB, GOET, K).
- Lodia** Mosco & Zanovello, *Bradleya* 18: 44, 2000. Typus: *Echinocactus mandragora* Fric ex A. Berger.
- Lodia mandragora** (Fric ex A. Berger) Mosco & Zanovello, *Bradleya* 18: 44, 2000. Basionym: *Echinocactus mandragora*.

- Lophophora williamsii* ssp. *grymii* Halda & al., Acta Mus. Richnov. Sect. Nat. 7(1): 36, 2000. Typus: Halda et Sladkovský 8504182 (PR). [Sphalm. 'grymi'.]
- Mammillaria* Ser. *Archibnerella* (Buxbaum) Bravo, in Bravo & Sánchez-Mejorada, Cact. Méx. 3: 47, 1991. Basionym: *Ebnerella* Subgen. *Archibnerella*. [Cryptic new combination, attributed to Cact. Suc. Mex. 25(1): sine pag., 1980. Omitted previously.]
- Mammillaria* Subgen. *Premammillaria* Szutorisz, Alba Flora No. 23: 24, 2000. *Nom. inval.* (Art. 36.1). [= *Polyedra* 2000/1: 2. See also l.c. 25: 27 (= *Polyedra* 2000/2: 1), where the name appears to be typified with *Mammillaria dioica*.]
- Mammillaria discolor* ssp. *schmollii* (Bravo) Linzen, Mitteilungsbl. AfM 24(4): 209, ill. (p. 207), 2000. Basionym: *Neomammillaria schmollii*.
- Mammillaria* × *gajii* Chvastek & Halda, Acta Mus. Richnov. Sect. Nat. 7(1): 36, 2000. Typus: Chvastek 666a (PR). [Sphalm. 'gaji'. = *Mammillaria rekoii* × *M. deherdtiana* var. *dodsonii*.]
- Mammillaria huitzilopochtli* ssp. *niduliformis* (A. B. Lau) Pilbeam, *Mammillaria* 143, ill., 1999. Basionym: *Mammillaria huitzilopochtli* var. *niduliformis*. [Omitted previously.]
- Mammillaria kupcakii* Halda & Sladkovský, Acta Mus. Richnov. Sect. Nat. 7(1): 36, 2000. Typus: Halda et Sladkovský 850422 (PR). [Sphalm. 'kupcáki'.]
- Mammillaria longiflora* ssp. *texicensis* (J. Meyrán) J. Lüthy, Kakt. and. Sukk. 51(7): 171, ill. (p. 169), 2000. Basionym: *Mammillaria texicensis*.
- Mammillaria machuca* W. A. & B. Fitz Maurice, Cact. Succ. J. (US) 72(2): 66, ill. (pp. 64-68), 2000. Typus: Fitz Maurice 2408 (Herb. Hinton).
- Mammillaria nana* ssp. *duwei* (Rogozinski & P. J. Braun) Pilbeam, *Mammillaria* 203, ill., 1999. Basionym: *Mammillaria duwei*. [Omitted previously.]
- Mammillaria odehnalii* Halda & al., Acta Mus. Richnov. Sect. Nat. 7(1): 36, 2000. Typus: Halda et Sladkovský 8504888 (PR). [Sphalm. 'odehnali'.]
- Mammillaria prolifera* cv. L'Ami Lodé Xhonneux, Cact. Aventures No. 45: 23, ill., 2000.
- Mammillaria trichacantha* ssp. *duwei* (Rogozinski & P. J. Braun) Mottram, *J. Mammillaria Soc.* 40(1): 8, 2000. Basionym: *Mammillaria duwei*.
- Mammillaria zephyranthoides* ssp. *heidiae* (Krainz) J. Lüthy, Kakt. and. Sukk. 51(3): 63, 2000. Basionym: *Mammillaria heidiae*.
- Melocactus praerupticola* Areces, Cact. Succ. J. (US) 72(1): 27-30, ill., 2000. Typus: Areces-Mallea 5801 (JBSD, NY).
- Neobesseya missouriensis* ssp. *similis* (Engelmann) Doweld, *Sukkulent* 3(1-2): 37, 2000. Basionym: *Mammillaria similis*.
- Neobesseya robbinsorum* (W. H. Earle) Doweld, *Sukkulent* 3(1-2): 37, 2000. Basionym: *Cochisea robbinsorum*.
- Neolloydia* Subgen. *Echinothele* Doweld, Cact. Syst. Init. No. 9: 21, 2000. Typus: *Neolloydia warnockii* L. Benson.
- Neolloydia* Subgen. *Rapicactus* (Buxbaum & Oehme) Doweld, Cact. Syst. Init. No. 9: 21, 2000. Basionym: *Rapicactus*.
- Neolloydia booleana* (G. S. Hinton) Doweld, Cact. Syst. Init. No. 9: 19, 2000. Basionym: *Turbincarpus booleanus*.
- Neolloydia glassii* Doweld, Cact. Syst. Init. No. 9: 20, 2000. [*Nom. nov. pro Thelocactus beguinii* N. P. Taylor 1983.]
- Neolloydia glassii* cv. *Senilis* (G. D. Rowley) Doweld, Cact. Syst. Init. No. 9: 20, 2000. Basionym: *Neolloydia smithii* cv. *Senilis*.
- Neolloydia pailana* (Halda & Panarotto) Doweld, *Sukkulent* 3(1-2): 70, 2000. Basionym: *Turbincarpus pailanus*.
- Neolloydia zaragozae* (Glass & R. A. Foster) Doweld, Cact. Syst. Init. No. 9: 19, 2000. Basionym: *Gymnocactus subterraneus* var. *zaragozae*.
- Notocactinae* Buxbaum ex Doweld, *Sukkulent* 3(1-2): 54, 2000. Typus: *Notocactus* (K. Schumann) Fric.
- Notocactus* Ser. *Linkianae* Doweld, *Sukkulent* 3(1-2): 55, 2000. Typus: *Echinocactus linkii* Lehmann.
- Notocactus* Ser. *Praeparodia* Doweld, *Sukkulent* 3(1-2): 55, 2000. Typus: *Notocactus minimus* Fric & Kreuzinger.
- Notocactus* Subgen. *Scopacactus* Doweld, *Sukkulent* 3(1-2): 55, 2000. Typus: *Cactus scopae* Sprengel. Based on *Echinocactus* Sect. *Scopaea* Lawrence 1841.
- Notocactus concinnus* ssp. *agnetae* (van Vliet) Doweld, *Sukkulent* 3(1-2): 55, 2000. Basionym: *Notocactus agnetae*.
- Notocactus concinnus* ssp. *multicostatus* (Buining & Brederoo) Doweld, *Sukkulent* 3(1-2): 55, 2000. Basionym: *Notocactus multicostatus*.
- Notocactus minimus* var. *maximus* hort. ex Stuchlík, *Internoto* 21(1-2): 45, ill., 2000. *Nom. inval.* (Art. 32.1c, 36.1). [Mentioned only in an illustration caption.]
- Notocactus ottonis* ssp. *horstii* (F. Ritter) Doweld, *Sukkulent* 3(1-2): 55, 2000. Basionym: *Notocactus arechavaletae* var. *horstii*.
- Notocactus oxycostatus* ssp. *gracilis* (F. Ritter) Doweld, *Sukkulent* 3(1-2): 54, 2000. Basionym: *Notocactus glaucinus* var. *gracilis*.
- Notocactus parkeri* hort. ex H. Henssen, *Internoto* 21(1-2): 64, ill., 2000. *Nom. inval.* (Art. 32.1c, 36.1). [Without proper description, based on a photograph found in the Internet.]
- Notocactus rudibuenekeri* ssp. *glomeratus* (Gerloff) Doweld, *Sukkulent* 3(1-2): 55, 2000. Basionym: *Notocactus glomeratus*.
- Notocactus scopae* ssp. *marchesii* (Abraham) Doweld, *Sukkulent* 3(1-2): 55, 2000. Basionym: *Notocactus scopae* var. *marchesii*.
- Notocactus scopae* ssp. *neobuenekeri* (Ritter) Do-



- weld, *Sukkulentý 3*(1-2): 55, 2000. Basionym: *Notocactus neobuenekeri*.
- Notocactus scopa* ssp. *succineus* (F. Ritter) Doweld, *Sukkulentý 3*(1-2): 56, 2000. Basionym: *Notocactus succineus*.
- Notocactus tabularis* ssp. *muricatus* (Doweld) Doweld, *Sukkulentý 3*(1-2): 55, 2000. Basionym: *Peronocactus tabularis* ssp. *muricatus*.
- Opuntia araucana* (A. Castellanos) Kiessling, *Tephrocactus* and *Feigenkakt.*, 38, ill., 2000. Basionym: *Pterocactus araucanus*. [Sphalm. 'araucanus'.]
- Opuntia darwinii* var. *hickenii* (Britton & Rose) Kiessling, *Tephrocactus* and *Feigenkakt.*, 100, ill., 2000. Basionym: *Opuntia hickenii*.
- Opuntia gonjiani* (R. Kiesling) Kiessling, *Tephrocactus* and *Feigenkakt.*, 124, ill., 2000. *Nom. inval.* (Art. 33.2), based on *Pterocactus gonjiani*.
- Opuntia hickenii* (Britton & Rose) Kiessling, *Tephrocactus* and *Feigenkakt.*, 132, ill., 2000. *Nom. illeg.* (Art. 53.1), based on *Pterocactus hickenii*. [Non *Opuntia hickenii* Britton & Rose 1919.]
- Opuntia kuntzei* (K. Schumann) Kiessling, *Tephrocactus* and *Feigenkakt.*, 156, ills., 2000. Basionym: *Pterocactus kuntzei*.
- Opuntia machacana* (F. Ritter) Kiessling, *Tephrocactus* and *Feigenkakt.*, 168, ill., 2000. *Nom. inval.* (Art. 33.2), based on *Austrocylindropuntia machacana*.
- Opuntia macrocentra* cv. *Horstii* (W. Heinrich) Kiessling, *Tephrocactus* and *Feigenkakt.*, 172, ill., 2000. Basionym: *Opuntia horstii*.
- Opuntia meglolii* (R. Kiesling) Kiessling, *Tephrocactus* and *Feigenkakt.*, 182, ill., 2000. Basionym: *Pterocactus meglolii*.
- Opuntia microdasys* cv. *Cristata* (Fobe) Crook & Mottram, *Bradleya* 18: 125, 2000. Basionym: *Opuntia microdasys* fa. *cristata*.
- Opuntia monacantha* cv. *Ito's Particoloured* Crook & Mottram, *Bradleya* 18: 131, 2000. [Based on *Opuntia monacantha* fa. *albovariegata* Y. Ito 1981, *nom. inval.* (Art. 36.1).]
- Opuntia rossiana* var. *fuauxiana* (Backeberg) Kiessling, *Tephrocactus* and *Feigenkakt.*, 244, ill., 2000. Basionym: *Tephrocactus pentlandii* var. *fuauxianus*.
- Opuntia valentinii* (Spegazzini) Kiessling, *Tephrocactus* and *Feigenkakt.*, 272, ills., 2000. Basionym: *Pterocactus valentinii*.
- Opuntia weberi* var. *deminuta* (Rausch) Kiessling, *Tephrocactus* and *Feigenkakt.*, 284, ill., 2000. Basionym: *Tephrocactus weberi* var. *deminutus*.
- Opuntia zamudioi* Scheinvar, *Cact. Suc. Mex.* 44(4): 88-93, ills., 2000. Typus: *Scheinvar et al.* 5829 (MEXU, IEB). [Dated 1999, received 26. March 2000.]
- ×*Oreobivia* M. Lowry, *Brit. Cact. Succ. J.* 18(4): 216, ills. (pp. 212-214), 2000. [= *Oreocereus* × *Lobivia*.]
- Parodia nothominuscula* ssp. *gravior* Hofacker, *Kakt. and. Sukk.* 51(9): 234-235, ills., SEM-ills., 2000. Typus: *Hofacker* 380 (PACA 85426, ZSS).
- Parodia slabaiana* Halda & Horáček, *Cactaceae* etc. 10(3): 76-80, ills., 2000. Typus: *Halda et Horáček* s.n. (PR 9811035).
- Parrycactus* Doweld, *Novosti Sist. Vyssh. Rast.* 32: 117, 2000. Typus: *Echinocactus glaucescens* De Candolle. [Name first used without description in *Sukkulentý 1999*(2): 30, 1999.]
- Parrycactus alamosanus* (Britton & Rose) Doweld, *Sukkulentý 3*(1-2): 36, 2000. Basionym: *Echinocactus alamosanus*.
- Parrycactus alamosanus* ssp. *reppenhagenii* (G. Unger) Doweld, *Sukkulentý 3*(1-2): 36, 2000. Basionym: *Ferocactus reppenhagenii*.
- Parrycactus echidne* (De Candolle) Doweld, *Novosti Sist. Vyssh. Rast.* 32: 118, 2000. Basionym: *Echinocactus echidne*.
- Parrycactus flavovirens* (Scheidweiler) Doweld, *Novosti Sist. Vyssh. Rast.* 32: 118, 2000. Basionym: *Echinocactus flavovirens*.
- Parrycactus glaucescens* (De Candolle) Doweld, *Novosti Sist. Vyssh. Rast.* 32: 118, 2000. Basionym: *Echinocactus glaucescens*.
- Parrycactus reppenhagenii* (G. Unger) Doweld, *Novosti Sist. Vyssh. Rast.* 32: 118, 2000. Basionym: *Ferocactus reppenhagenii*.
- Parrycactus schwarzii* (G. E. Lindsay) Doweld, *Novosti Sist. Vyssh. Rast.* 32: 118, 2000. Basionym: *Ferocactus schwarzii*.
- Pediocactus peeblesianus* fa. *maius* (Hochstätter) Hájek, *Kaktusy* 36(3): 73, ill. (p. 72), 2000. Basionym: *Navajoa peeblesiana* fa. *maia*. [Sphalm. 'maianus'.]
- Pediocactus peeblesianus* fa. *menzelii* (Hochstätter) Hájek, *Kaktusy* 36(3): 73, ill. (p. 72), 2000. Basionym: *Navajoa peeblesiana* fa. *menzelii*.
- Pelecyphorinae* Doweld, *Sukkulentý 3*(1-2): 18, 2000. Typus: *Pelecyphora Ehrenberg*.
- Peronocactus* Sect. *Eowigginsia* Doweld, *Sukkulentý 1999*(2): 24, 1999. Incorrect name (Art. 11.3). [Based on *Notocactus horstii* F. Ritter. Omitted previously.]
- Rebutia haagei* ssp. *mudanensis* (Rausch) Mosti, *Cactus & Co.* 4(1): 37, ills., 2000. Basionym: *Rebutia mudanensis*.
- Rebutia haagei* var. *elegantula* (Rausch) Mosti, *Cactus & Co.* 4(1): 37, ills., 2000. Basionym: *Lobivia haagei* var. *elegantula*.
- Rebutia ithyacantha* (Cárdenas) R. Weber, *Inform.-brief Freundeskreis Echinopseen* No. 29: 3, 2000. *Nom. inval.* (Art. 33.2), based on *Mediolobivia ithyacantha*.
- Rebutia nigricans* ssp. *carmeniana* (Rausch) Mosti, *Cactus & Co.* 4(1): 45, ill., 2000. Basionym: *Rebutia carmeniana*.
- Rebutia nigricans* var. *albispina* (Rausch) Mosti, *Cactus & Co.* 4(1): 44, 2000. Basionym: *Lobivia nigricans* var. *albispina*.
- Rebutia nigricans* var. *peterseimii* (Fric) Mosti, *Cactus & Co.* 4(1): 44, ill., 2000. Basionym: *Rebutia peterseimii*. [Name first used by Sída (Rod *Rebutia*, 29, 1997), based on *Rebutia ritteri* fa. *peterseimii* Buining & Donald 1963 (*nom. inval.*, Art. 37).]

- Rebutia oculata* ssp. *tilcarensis* (Rausch) Mosti, *Cactus & Co.* 4(1): 46, ills. (p. 45), 2000. Basionym: *Lobivia euanthema* var. *tilcarensis*.
- Rebutia steinmannii* ssp. *brachyantha* (Wessner) Mosti, *Cactus & Co.* 4(2): 93, ill. (p. 92), 2000. Basionym: *Lobivia brachyantha*.
- Rebutia steinmannii* var. *costata* (Werdermann) Mosti, *Cactus & Co.* 4(2): 91, ills., 2000. Basionym: *Rebutia costata*. [First published invalidly (Art. 33.2) by Pilbeam, *Cact. File* 10(2): 18, 1996 (cf. RPS 47).]
- Rebutia steinmannii* var. *leucacantha* (Rausch) Mosti, *Cactus & Co.* 4(2): 91, ills., 2000. Basionym: *Lobivia steinmannii* var. *leucacantha*.
- Rebutia steinmannii* var. *melanocentra* (Rausch) Mosti, *Cactus & Co.* 4(2): 92, 2000. Basionym: *Lobivia steinmannii* var. *melanocentra*.
- Rebutia steinmannii* var. *tuberculata* (Rausch) Mosti, *Cactus & Co.* 4(2): 92, ill., 2000. Basionym: *Lobivia steinmannii* var. *tuberculata*.
- Rebutia violacistaminata* (Rausch) Mosti, *Cactus & Co.* 4(2): 95, ills., 2000.
- Rhipsalis baccifera* ssp. *cleistogama* M. Kessler & al., *Bradleya* 18: 22, fig. 9 (p. 29), 2000. Typus: *Kessler 11203* (LPB, GOET).
- Ritterocactus* Sect. *Herteria* Doweld, *Sukkulenty* 3(1-2): 59, 2000. Typus: *Echinocactus herteri* Werdermann.
- Ritterocactus* Sect. *Pseudoparodia* Doweld, *Sukkulenty* 3(1-2): 61, 2000. Typus: *Parodia ayopayana* Cárdenas.
- Ritterocactus* Sect. *Uebelmannia* Doweld, *Sukkulenty* 3(1-2): 60, 2000. Typus: *Notocactus uebelmannianus* Buining.
- Ritterocactus ayopayanus* (Cárdenas) Doweld, *Sukkulenty* 3(1-2): 61, 2000. Basionym: *Parodia ayopayana*.
- Ritterocactus fuscus* (F. Ritter) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Notocactus fuscus*.
- Ritterocactus horstii* (F. Ritter) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Wigginsia horstii*.
- Ritterocactus horstii* fa. *juvenaliformis* (F. Ritter) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Wigginsia horstii* var. *juvenaliformis*.
- Ritterocactus langsdorfii* (Lehmann) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Cactus langsdorfii*.
- Ritterocactus langsdorfii* ssp. *multiceps* (Hofacker & Herm) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Parodia langsdorfii* ssp. *multiceps*.
- Ritterocactus langsdorfii* ssp. *pulvinatus* (van Vliet) Doweld, *Sukkulenty* 3(1-2): 60, 2000. Basionym: *Notocactus pulvinatus*.
- Ritterocactus miguillensis* (Cárdenas) Doweld, *Sukkulenty* 3(1-2): 61, 2000. Basionym: *Parodia miguillensis*.
- Solisia solisioides* (Backeberg) Doweld, *Sukkulenty* 3(1-2): 37, 2000. Basionym: *Mammillaria solisioides*.
- Stenocactus jarmilae* Halda & Horáček, *Acta Mus. Richnov. Sect. Nat.* 7(1): 37, 2000. Typus: *Halda et Horáček 8504115* (PR).
- Stenocactus kaplanii* Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 37, 2000. Typus: *Halda et Sladkovský 850423005* (PR). [Sphalm. 'kaplani'.]
- Stenocactus magnificus* Halda & Horáček, *Acta Mus. Richnov. Sect. Nat.* 7(1): 37, 2000. Typus: *Halda et Horáček 8504112* (PR).
- Stenocactus pentacanthus* ssp. *tulensis* Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 37-38, 2000. Typus: *Halda et Sladkovský 850429008* (PR).
- Sulcorebutia candiae* var. *kamiensis* (Brederoo & Donald) Augustin & Gertel, *Sulcorebutia*, 69, ills., 2000. Basionym: *Sulcorebutia menesesii* var. *kamiensis*.
- Sulcorebutia gemmae* Mosti & Rovida, *Cactus & Co.* 4(4): 174-175, ills., 2000. Typus: *Rovida 18* (FT). [Received 8. 2. 2001 at ZSS and thus probably only effectively published early in 2001.]
- Sulcorebutia krugerae* var. *hoffmannii* Augustin & Hentschel, *Sulcorebutia*, 89-90, ills., 2000. Typus: *Rausch 254* (ZSS).
- Sulcorebutia losenickiana* var. *chatajillensis* (Oeser & Brederoo) Augustin & Gertel, *Sulcorebutia*, 95, ill., 2000. *Nom. illeg.* (Art. 11.4, 25.1), based on *Sulcorebutia verticillacantha* var. *chatajillensis*.
- Sulcorebutia losenickiana* var. *vasqueziana* (Rausch) Augustin & Gertel, *Sulcorebutia*, 98, ills. (p. 97), 2000. *Nom. illeg.* (Art. 11.4, 25.1), based on *Sulcorebutia vasqueziana*.
- Sulcorebutia mariana* var. *lauri* (Brederoo & Donald) Augustin & Gertel, *Sulcorebutia*, 102, ills. (p. 104), 2000. Basionym: *Sulcorebutia vizcarrae* var. *lauri*.
- Sulcorebutia markusii* ssp. *tintinensis* Gertel, *Cactus & Co.* 4(4): 166-167, ills., 2000. Typus: *Gertel 198* (ZSS, LPB). [Sphalm. 'tintiniensis'. Received 8. 2. 2001 at ZSS and thus probably only effectively published early in 2001.]
- Sulcorebutia mentosa* var. *swobodae* (Augustin) Augustin, *Sulcorebutia*, 110, ills. (p. 112), 2000. Basionym: *Sulcorebutia swobodae*.
- Sulcorebutia mojocoyensis* J. de Vries, *Inform.-brief Freundeskreis Echinopseen* No. 28: 52-57, ills., 1999. Based on *de Vries VZ 203*. *Nom. inval.* (Art. 36.1, 37.1). [Published as provisional name. Omitted previously.]
- Sulcorebutia mojocoyensis* var. *elizabethae* J. de Vries, *Inform.-brief Freundeskreis Echinopseen* No. 28: 52-57, ills., 1999. Based on *de Vries VZ 204*. *Nom. inval.* (Art. 36.1, 37.1).
- Sulcorebutia oenantha* var. *pampagrاندensis* (Rausch) Augustin & Gertel, *Sulcorebutia*, 113, ills. (p. 114), 2000. Basionym: *Sulcorebutia pampagrاندensis*.
- Sulcorebutia steinbachii* var. *tunariensis* (Cárdenas) Augustin & Gertel, *Sulcorebutia*, 132, ill. (p. 131), 2000. Basionym: *Rebutia tunariensis*. [First used invalidly (Art. 33.2) by Gertel in *Inform.-brief Freundeskreis Echinopseen*, No. 22: 26, 1996 (cf. RPS 47).]

- Sulcorebutia tarabucoensis* var. *aureiflora* (Rausch) Augustin & Gertel, *Sulcorebutia*, 136, ill. (p. 135), 2000. Basionym: *Sulcorebutia verticillacantha* var. *aureiflora*.
- Sulcorebutia tarabucoensis* var. *callecallensis* (F. H. Brandt) Augustin & Gertel, *Sulcorebutia*, 136, ill. (p. 138), 2000. Basionym: *Weingartia callecallensis*.
- Sulcorebutia tiraquensis* var. *lepida* (F. Ritter) Augustin & Gertel, *Sulcorebutia*, 143, ill. (p. 145), 2000. Basionym: *Sulcorebutia lepida*.
- Sulcorebutia tiraquensis* var. *totorensis* (Cárdenas) Augustin & Gertel, *Sulcorebutia*, 147, ill. (p. 148), 2000. Basionym: *Rebutia totorensis*.
- Sulcorebutia verticillacantha* var. *taratensis* (Cárdenas) Augustin & Gertel, *Sulcorebutia*, 154, ill. (p. 153, 156), 2000. Basionym: *Rebutia taratensis*.
- Thelocactus bicolor* ssp. *heterochromus* (F. A. C. Weber) Mosco & Zanovello, *Bradleya* 18: 62, 2000. Basionym: *Echinocactus heterochromus*.
- Thelocactus bicolor* ssp. *zwakii* Chvastek & Halda, *Acta Mus. Richnov. Sect. Nat.* 7(1): 38, 2000. Typus: *Chvastek et Zwak* 073 (PR). [Sphalm. 'zwaki'.]
- Thelocactus bueckii* ssp. *jarmilae* Halda & Horáček, *Acta Mus. Richnov. Sect. Nat.* 7(1): 38, 2000. Typus: *Halda et Sladkovský* 8504015 (PR). [Sphalm. 'bueckii'.]
- Thelocactus bueckii* ssp. *matudae* (Sánchez-Mejorada & A. B. Lau) Mosco & Zanovello, *Bradleya* 18: 62, 2000. Basionym: *Thelocactus matudae*.
- Thelocactus conothelos* ssp. *flavus* (Mosco & Zanovello) Mosco & Zanovello, *Bradleya* 18: 63, 2000. Basionym: *Thelocactus flavus*.
- Thelocactus conothelos* ssp. *garciae* (Glass & M. Mendoza-García) Mosco & Zanovello, *Bradleya* 18: 63, 2000. Basionym: *Thelocactus garciae*.
- Thelocactus conothelos* var. *sniceri* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 38, 2000. Typus: *Halda et Sladkovský* 850415367 (PR).
- Thelocactus hexaedrophorus* ssp. *francii* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 38, 2000. Typus: *Halda et Sladkovský* 850419605 (PR). [Sphalm. 'franci'.]
- Thelocactus hexaedrophorus* ssp. *jarmilae* Halda & Chvastek, *Acta Mus. Richnov. Sect. Nat.* 7(1): 38-39, 2000. Typus: *Halda* 850409115 (PR).
- Thelocactus hexaedrophorus* ssp. *kvetae* Chvastek & Halda, *Acta Mus. Richnov. Sect. Nat.* 7(1): 39, 2000. Typus: *Chvastek* 445 (PR).
- Thelocactus santaclarensis* Halda & al., *Acta Mus. Richnov. Sect. Nat.* 7(1): 39, 2000. Typus: *Halda et Sladkovský* 8504333 (PR).
- Thelocactus tulensis* ssp. *huizachensis* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 39, 2000. Typus: *Halda et Sladkovský* 8504275 (PR).
- Thelocactus tulensis* ssp. *kupcakii* Halda & Sladkovský, *Acta Mus. Richnov. Sect. Nat.* 7(1): 40, 2000. Typus: *Halda et Sladkovský* 8504285 (PR). [Sphalm. 'kupcakii'.]
- Torreycactus conothelos* ssp. *argenteus* (Glass & R. A. Foster) Doweld, *Sukkulenty* 3(1-2): 37, 2000. Basionym: *Thelocactus conothelos* var. *argenteus*.
- Torreycactus conothelos* ssp. *aurantiacus* (Glass & R. A. Foster) Doweld, *Sukkulenty* 3(1-2): 36, 2000. Basionym: *Thelocactus conothelos* var. *aurantiacus*.
- Torreycactus conothelos* ssp. *garciae* (Glass & M. Mendoza-García) Doweld, *Sukkulenty* 3(1-2): 36, 2000. Basionym: *Thelocactus garciae*.
- Trichocereus ×mendocinus* E. Méndez, *Hickenia* 3(21): 73-75, ill., 2000. Typus: *Méndez* 7959 (MERL). [= *Trichocereus candicans* × *T. strigosus*.]
- Tunilla* D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Typus: *Opuntia soehrensii* Britton & Rose.
- Tunilla albisaetacens* (Backeberg) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Basionym: *Opuntia albisaetacens*.
- Tunilla chilensis* (F. Ritter) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Basionym: *Platyopuntia chilensis*.
- Tunilla corrugata* (Salm-Dyck) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Basionym: *Opuntia corrugata*.
- Tunilla erectoclada* (Backeberg) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Basionym: *Opuntia erectoclada*.
- Tunilla ianthinantha* (F. Ritter) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 10, 2000. Basionym: *Platyopuntia ianthinantha*.
- Tunilla microdisca* (F. A. C. Weber) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Opuntia microdisca*.
- Tunilla minuscula* (Backeberg) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Tephrocactus minusculus*.
- Tunilla orurensis* (Cárdenas) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Opuntia orurensis*.
- Tunilla picardoi* D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Typus: *Picardo* s.n. (icono); *Cactus* (Paris) 15: 3, upper fig., 1960. [Based on *Opuntia picardoi* Marnier-Lapostolle 1960, *nom. inval.* (Art. 37.1). Perhaps to be treated as invalid, depending on the interpretation of Art. 37.4 (ICBN 2000).]
- Tunilla silvestris* (Backeberg) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Opuntia silvestris*.
- Tunilla soehrensii* (Britton & Rose) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Opuntia soehrensii*.
- Tunilla tilcarensis* (Backeberg) D. R. Hunt & Liff, *Cact. Syst. Init. No.* 9: 11, 2000. Basionym: *Opuntia tilcarensis*.
- Turbincarpus* Ser. *Lauiani* Doweld, *Sukkulenty* 3(1-2): 69, 2000. Typus: *Turbincarpus laui* Glass & Foster.



- Turbincarpus** Ser. *Valdezianus* Doweld, *Sukkulenty* 3(1-2): 69, 2000. Typus: *Turbincarpus valdezianus* (Möller) Glass & Foster.
- Turbincarpus** *beguinii* ssp. *hintoniorum* A. Hofer, *Succulentes* 23(3): 21-23, ill., 2000. Typus: *Hinton* 27023 (Herb. Hinton, ENCB, MEXU).
- Turbincarpus** *horripilus* ssp. *wrobelianus* Nitzschke & Anaya Montes ex Nitzschke, *Succulenta* 79(2): 90-92, ill., 2000. Typus: *Nitzschke* 10-061-998-465 (MEXU). [Additional information see l.c. (4): 177-181, ill., SEM-ills., 2000.]
- Turbincarpus** *krainzianus* ssp. *minimus* (G. Frank) J. Lüthy & Hofer, *Kakt. and. Sukk.* 51(3): 70, 2000. Basionym: *Turbincarpus krainzianus* fa. *minimus*. [Published as replacement for the combination *T. pseudo-macrochele* ssp. *minimus* (G. Frank) J. Lüthy & Hofer (l.c. 50(11): 280, 1999), thought to be invalid.]
- Turbincarpus** *macrochele* ssp. *andersonii* (Mosco) Doweld, *Sukkulenty* 3(1-2): 69-70, 2000. Basionym: *Turbincarpus schmiedickeanus* ssp. *andersonii*.
- Turbincarpus** *macrochele* ssp. *flaviflorus* (G. Frank & A. B. Lau) Doweld, *Sukkulenty* 3(1-2): 69-70, 2000. Basionym: *Turbincarpus flaviflorus*.
- Turbincarpus** *macrochele* ssp. *klinkerianus* (Backeberg & H. Jacobsen) Doweld, *Sukkulenty* 3(1-2): 69-70, 2000. Basionym: *Turbincarpus klinkerianus*.
- Turbincarpus** *macrochele* ssp. *schwarzii* (Shurly) Doweld, *Sukkulenty* 3(1-2): 69-70, 2000. Basionym: *Strombocactus schwarzii*.
- Turbincarpus** *pseudopectinatus* ssp. *jarmilae* Halda & Chvastek, *Acta Mus. Richnov. Sect. Nat.* 7(1): 39, 2000. Typus: *Halda et Chvastek* 850423 (PR).
- Weingartia** *jarmilae* Halda & Horáček, *Acta Mus. Richnov. Sect. Nat.* 7(1): 40, 2000. Typus: *Halda et Horáček* 9811225 (PR).
- Weingartia neocumingii* var. *brevispina* hort. ex Lodé, *Fichier Encycl. Cact. autres Succ.* 24: no. 2263, ill., 2000. *Nom. inval.* (Art. 36.1, 37.1).
- Wigginsia** Sect. *Eowigginsia* (Doweld) Doweld, *Sukkulenty* 3(1-2): 61, 2000. Basionym: *Peronocactus* Sect. *Eowigginsia*.
- Wigginsia** *nothohorstii* Doweld, *Sukkulenty* 3(1-2): 62, 2000. Typus: *Ritter* 1269 loc. 1 (U). [*Nom. nov. pro Notocactus horstii* Ritter 1966 (non *Wigginsia horstii* Ritter 1979).]
- Wigginsia** *werdermanniana* (Herter) Doweld, *Sukkulenty* 3(1-2): 62, 2000. Basionym: *Notocactus werdermannianus*.
- CRASSULACEAE
- Bryophyllum** *lauzac-marchaliae* Byalt, *Kaktus Klub* 1999(3): 27, 1999. Typus: *Herb. Jard. Bot. Tananarive* 5054 (P, TAN). [Sphalm. 'luzac-marichaliae'. *Nom. nov. pro Kalanchoe serrata* Mannoni & Boiteau 1947, non *Bryophyllum serratum* Blanco 1845.]
- Bryophyllum** *marnierianum* (H. Jacobsen) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 51, 2000. Basionym: *Kalanchoe marnieriana*.
- Crassula** *cremnophila* van Jaarsveld & A. E. van Wyk, *Aloe* 36(4): 71, ill., 2000. Typus: *van Jaarsveld* 15743 (NBG). [Dated 1999, publ. June 2000.]
- Echeveria** *rodolphi* Martínez-Ávalos & Mora-Olivo, *Acta Bot. Mex.* 52: 43-45, ill., 2000. Typus: *Martínez-Ávalos* 819 (UAT).
- Orostachys** Sect. *Woroschilovia* Byalt, *Novosti Sist. Vyssh. Rast.* 32: 41, 2000. Typus: *Sedum paradoxum* Khokhrjakov & Voroschilov.
- Orostachys** Ser. *Aggregatae* Byalt, *Novosti Sist. Vyssh. Rast.* 32: 42, 2000. Typus: *Cotyledon aggregata* Makino.
- Orostachys** Subgen. *Schoenlandia* (H. Ohba) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 48, 2000. Basionym: *Orostachys* Sect. *Schoenlandia*.
- Orostachys** *chongsunensis* Y. N. Lee, *Bull. Korea Pl. Res.* 1: 36, fig. 4B, pl. 5: A-B (pp. 40, 47), 2000. Typus: *Lee* s.n. (Herb. Korea Pl. Res. Inst., Seoul).
- Orostachys** *iwarenge* fa. *magna* Y. N. Lee, *Bull. Korea Pl. Res.* 1: 34, fig. 3B, pl. 2: C-D (pp. 39, 44), 2000. Typus: *Lee* s.n. (Herb. Korea Pl. Res. Inst., Seoul). [Sphalm. 'magnus'.]
- Orostachys** *komarovii* (Hamet) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 49, 2000. Basionym: *Sedum aliciae* var. *komarovii*.
- Orostachys** *latielliptica* Y. N. Lee, *Bull. Korea Pl. Res.* 1: 35-36, fig. 6, pl. 4: A-B (pp. 42, 46), 2000. Typus: *Lee* s.n. (Herb. Korea Pl. Res. Inst., Seoul). [Sphalm. 'latiellipticus'.]
- Orostachys** *margaritifolia* Y. N. Lee, *Bull. Korea Pl. Res.* 1: 36-37, fig. 7, pl. 4: C-D (pp. 42, 46), 2000. Typus: *Lee* s.n. (Herb. Korea Pl. Res. Inst., Seoul). [Sphalm. 'margaritifolius'.]
- Orostachys** *maximowiczii* Byalt, *Novosti Sist. Vyssh. Rast.* 32: 44, 2000. Typus: *Maximowicz* s.n. (LE).
- Orostachys** *minuta* fa. *alba* Y. N. Lee, *Fl. Korea*, ed. 3, 276-277, ill., 1998. *Nom. inval.* (Art. 36.1). [Omitted previously.]
- Orostachys** *ramosa* Y. N. Lee, *Bull. Korea Pl. Res.* 1: 35, fig. 5, pl. 3: A-C (pp. 41, 45), 2000. Typus: *Lee* s.n. (Herb. Korea Pl. Res. Inst., Seoul). [Sphalm. 'ramosus'.]
- Orostachys** *stenostachya* var. *integrifolia* (S. H. Fu) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 49, 2000. Basionym: *Sinocrassula stenostachya* var. *integrifolia*.
- Orostachys** *stenostachya* var. *lepidotricha* (K. T. Fu) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 50, 2000. Basionym: *Sinocrassula stenostachya* var. *lepidotricha*.
- Orostachys** *thyrsiflora* var. *rosea* (Lessing) Byalt, *Novosti Sist. Vyssh. Rast.* 32: 46, 2000. Basionym: *Cotyledon rosea*.
- Phedimus** Subgen. *Aizoon* (Koch ex Schönland) H. Ohba & Turland, *Novon* 10(4): 401, 2000. Basionym: *Sedum* Sect. *Aizoon*. [First pub-

lished invalidly (St. Louis Code, Art. 33.3, based on an inexistent basionym) by 't Hart in 't Hart & Eggli (eds.), *Evol. Syst. Crassulaceae*, 168, 1995 (see H. Ohba & al., *Novon* 10(4): 401, 2000)]

- Phedimus aizoon* var. *latifolius* (Maximowicz) H. Ohba & al., *Novon* 10(4): 401, 2000. Basionym: *Sedum aizoon* var. *latifolium*.
- Phedimus aizoon* var. *scabrus* (Maximowicz) H. Ohba & al., *Novon* 10(4): 401, 2000. Basionym: *Sedum aizoon* var. *scabrum*.
- Phedimus aizoon* var. *yamatutae* (Kitagawa) H. Ohba & al., *Novon* 10(4): 401, 2000. Basionym: *Sedum aizoon* var. *yamatutae*.
- Phedimus hsinganicus* (Y. C. Chu ex S. H. Fu & Y. H. Huang) H. Ohba & al., *Novon* 10(4): 402, 2000. Basionym: *Sedum hsinganicum*.
- Rhodiola integrifolia* ssp. *leedyi* (Rosendahl & Moore) Moran, *Cact. Succ. J. (US)* 72(3): 138, 2000. Basionym: *Sedum rosea* var. *leedyi*.
- Rosularia sempervivum* var. *glabra* (Hamet) Assadi, in Akhiani, *Fl. Iran* 32: 50, 2000. *Nom. inval.* (Art. 33.3 / 33.6), based on *Umbilicus libanoticus* var. *glaber*. [Sphalm. 'glabrum'. The name given as basionym is itself a combination and is here corrected.]
- Sedum elburzense* Akhiani & Assadi, *Iranian J. Bot.* 8(2): 164-166, ill., 2000. Typus: *Dini* 852 (TARI).
- Sedum shitaense* Y. Zheng & D. C. Zhang, *Bull. Bot. Res., Harbin* 20(3): 246-247, ill., 2000. Typus: *Zheng Yan* 92004 (ANU).
- Sinocrassula paoshingensis* (S. H. Fu) H. Ohba & al., *J. Jap. Bot.* 75(5): 296, ill. (pp. 297-300), 2000. Basionym: *Sedum paoshingense*.
- Tillaea schimperii* (Fischer & C. A. Meyer) M. G. Gilbert & al., *Novon* 10(4): 366, 2000. Basionym: *Crassula schimperii*.
- Tillaea schimperii* ssp. *phyturus* (Mildbraed) M. G. Gilbert & al., *Novon* 10(4): 367, 2000. Basionym: *Crassula phyturus*.
- Tillaea schimperii* ssp. *transvaalensis* (Kuntze) M. G. Gilbert & al., *Novon* 10(4): 367, 2000. Basionym: *Sedum transvaalense*.
- Tylecodon nigricaulis* G. Williamson & van Jaarsveld, *Aloe* 36(2-3): 43-44, ill., 2000. Typus: *van Jaarsveld* 12802 (NBG). [Dated 1999, received 7. Feb. 2000.]

DRACAENACEAE

- Sansevieria bella* L. E. Newton, *Cact. Succ. J. (US)* 72(4): 224-226, ill., 2000. Typus: *Newton* 3945 (K, EA).
- Sansevieria burdettii* Chahinian, *Brit. Cact. Succ. J.* 18(3): 132-133, ill., 2000. Typus: *Burdett* s.n. in *Chahinian* 316 (K, MO).
- Sansevieria downsii* Chahinian, *Brit. Cact. Succ. J.* 18(3): 133-135, ill., 2000. Typus: *Downs* 1175 (K, MO).
- Sansevieria frequens* Chahinian, *Cact. Succ. J. (US)* 72(3): 130-132, ill., 2000. Typus: *Chahinian* 785 (MO, NY).

*Sansevieria masoniana* Chahinian, *Cact. Succ. J. (US)* 72(1): 31, ill., 2000. Typus: *Mason* s.n. in *Chahinian* 258 (MO, NY).

EUPHORBIACEAE

- Euphorbia acervata* S. Carter, *Kew Bull.* 54(4): 962, ill., 2000. Typus: *Christian* 383 (K, SRGH). [Vol. for 1999, publ. early 2000.]
- Euphorbia analavelonensis* Rauh & Mangelsdorff, *Succulentes* 23(2): 3-6, ill., 2000. Typus: *Mangelsdorff* s.n. in *BG Heidelberg* 75090 (HEID).
- Euphorbia ankazobensis* Rauh & Hofstätter, *Succulentes* 23(3): 6-8, ill., 2000. Typus: *Hofstätter* s.n. in *BG Heidelberg* 70598 (HEID).
- Euphorbia caloderma* S. Carter, *Cact. Succ. J. (US)* 72(4): 189-190, ill., 2000. Typus: *Congdon* 314 (K, EA).
- Euphorbia decaryi* cv. *Purple Knight* P. I. Forster, *Euphorbiaceae Study Group Bull.* 13(2): 59-62, ill., 2000. [Produced by D. Cumming c. 1980.]
- Euphorbia estevesii* N. Zimmermann & P. J. Braun, *Cact. Succ. J. (US)* 72(6): 318-323, ill., 2000. Typus: *Esteves Pereira* 48 (UFG, JE).
- Euphorbia gossypina* var. *mangulensis* S. Carter, *Kew Bull.* 54(4): 959, ill., 2000. Typus: *Leach et al.* 14236 (K, BR, SRGH). [Vol. for 1999, publ. early 2000.]
- Euphorbia gumaroi* J. Meyrán, *Cact. Succ. Mex.* 45(3): 68-70, ill., (4): 92 [erratum], 2000. Typus: *Meyrán* 5745 (MEXU) [Type ex cult., collected originally by Gumaro Manzo].
- Euphorbia lenewtonii* S. Carter, *Cact. Succ. J. (US)* 72(4): 186-188, ill., 2000. Typus: *Newton et Liede* 4429 (K).
- Euphorbia limpopoana* S. Carter, *Kew Bull.* 54(4): 960, ill., 2000. Typus: *Leach* 11582A (SRGH). [Vol. for 1999, publ. early 2000.]
- Euphorbia lukoseana* S. Carter, *Cact. Succ. J. (US)* 72(4): 188-189, ill., 2000. Typus: *Congdon* 278 (K).
- Euphorbia meenae* S. Carter, *Cact. Succ. J. (US)* 72(4): 210, ill., 2000. Typus: *Singh* s.n. (K).
- Euphorbia pervittata* S. Carter, *Cact. Succ. J. (US)* 72(4): 192-194, ill., 2000. Typus: *Gilbert et al.* 5657 (K, EA).
- Euphorbia plenispina* S. Carter, *Kew Bull.* 54(4): 964, ill., 2000. Typus: *Carvalho* 1019 (LISC). [Vol. for 1999, publ. early 2000.]
- Euphorbia proballyana* var. *multangula* S. Carter, *Cact. Succ. J. (US)* 72(4): 190-191, ill., 2000. Typus: *Congdon* 289 (K).
- Euphorbia retrospina* Rauh & Gérolde, *Succulentes* 23(4): 3-6, ill., 2000. Typus: *Gérolde* s.n. in *BG Heidelberg* 70625 (HEID).
- Euphorbia songweana* S. Carter, *Cact. Succ. J. (US)* 72(4): 191-193, ill., 2000. Typus: *Lovett et Kayombo* 4924 (K, MO).
- Euphorbia specksii* Rauh, *Cact. Succ. J. (US)* 72(5): 247-252, ill., 2000. Typus: *Specks* 493 (HEID).

- Euphorbia sumati* S. Carter, *Cact. Succ. J. (US)* 72(4): 185-186, ills., 2000. Typus: *Brown* 189 (K).
- Monadenium kimberleyanum* G. Williamson, *Excelsa* 19: 56, ills. (pp. 57, 59), 2000. Typus: *Kimberley* 239 (SRGH). [Dated Dec. 1999, publ. July 2000.]
- Monadenium pudibundum* var. *lanatum* S. Carter, *Kew Bull.* 55: 436, 2000. Typus: *Richards* 16996 (K).
- Monadenium rugosum* S. Carter, *Kew Bull.* 55: 437-438, ills., 2000. Typus: *Bidgood et al.* 1976 (K).
- Monadenium spinulosum* S. Carter, *Kew Bull.* 55: 440, 2000. Typus: *Leach* 9831 (K, SRGH).

GERANIACEAE

- Pelargonium quarcticola* Meve & E. M. Marais, *South Afr. J. Bot.* 66(2): 96-97, ills., 2000. Typus: *Schmiedel* 109738 (NBG, PRE, UBT).

HYACINTHACEAE

- Albua cremnophila* van Jaarsveld & A. E. van Wyk, *Aloe* 36(4): 72-73, ills., 2000. Typus: *van Jaarsveld* 12171 (NBG). [Dated 1999, publ. June 2000.]

LENTIBULARIACEAE

- Pinguicula medusina* Zamudio & Studnicka, *Acta Bot. Mex.* 53: 68-70, ills., 2000. Typus: *Zamudio et Ocampo* 11050 (IEB).

OXALIDACEAE

- Oxalis psammophila* G. Williamson, *Aloe* 36(4): 48-70, ills., 2000. Typus: *Williamson* 3673 (NBG). [Dated 1999, publ. June 2000.]

PIPERACEAE

- Peperomia kinnachii* Rauh, *Cact. Succ. J. (US)* 72(5): 260-264, ills., 2000. Typus: *Kinnach et al.* 2596C (HNT, HEID).
- Peperomia vestita* var. *lindenii* Rauh, *Cact. Succ. J. (US)* 72(5): 257-260, ills., 2000. Typus: *Kinnach et al.* 2603 (HNT, HEID).

PORTULACACEAE

- Parakeelya Hershkovitz*, *Phytologia* 84(2): 101, 1999. Typus: *Calandrinia ptychosperma* F. Mueller. [Omitted previously, together with all the combinations at species level. Dated 1998 on the cover, received April 1999 at Z.]
- Parakeelya arenicola* (Syeda) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia arenicola*.
- Parakeelya balonensis* (Lindley) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia balonensis*.
- Parakeelya brevipedata* (F. Mueller) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia brevipedata*.
- Parakeelya calyptrata* (Hooker fil.) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia calyptrata*.
- Parakeelya composita* (Nees) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia polypetala* var. *composita*.
- Parakeelya corrigioloides* (F. Mueller) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia corrigioloides*.
- Parakeelya crethae* (Tratman ex Morrison) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia crethae*.
- Parakeelya disperma* (J. M. Black) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia disperma*.
- Parakeelya eremaea* (Ewart) Hershkovitz, *Phytologia* 84(2): 101, 1999. Basionym: *Calandrinia eremaea*.
- Parakeelya gracilis* (Benth) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia gracilis*.
- Parakeelya lehmannii* (Endlicher) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia lehmannii*.
- Parakeelya liniflora* (Fenzl) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia liniflora*.
- Parakeelya nana* (Nees) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Talinum nanum*.
- Parakeelya papillata* (Syeda) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia papillata*.
- Parakeelya pickeringii* (A. Gray) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia pickeringii*.
- Parakeelya pleiopetala* (F. Mueller) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia pleiopetala*.
- Parakeelya polyandra* (Benth) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia polyandra*.
- Parakeelya polypetala* (Fenzl) Hershkovitz, *Phytologia* 84(2): 102, 1999. Basionym: *Calandrinia polypetala*.
- Parakeelya porifera* (Syeda) Hershkovitz, *Phytologia* 84(2): 103, 1999. Basionym: *Calandrinia porifera*.
- Parakeelya primuliflora* (Diels) Hershkovitz,



- Phytologia 84(2): 103, 1999. Basionym: *Calandrinia primuliflora*.
- Parakeelya ptychosperma** (F. Mueller) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia ptychosperma*.
- Parakeelya pumila** (F. Mueller) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia calyptata* var. *pumila*.
- Parakeelya quadrivalvis** (F. Mueller) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia quadrivalvis*.
- Parakeelya remota** (J. M. Black) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia remota*.
- Parakeelya reticulata** (Syeda) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia reticulata*.
- Parakeelya schistorhiza** (Morrison) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia schistorhiza*.
- Parakeelya spergularina** (F. Mueller) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia spergularina*.
- Parakeelya sphaerophylla** (J. M. Black) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia sphaerophylla*.
- Parakeelya stagnensis** (J. M. Black) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia stagnensis*.
- Parakeelya strophiolata** (F. Mueller) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia strophiolata*.
- Parakeelya tumida** (Syeda) Hershkovitz, Phytologia 84(2): 103, 1999. Basionym: *Calandrinia tumida*.
- Parakeelya uniflora** (F. Mueller) Hershkovitz, Phytologia 84(2): 104, 1999. Basionym: *Calandrinia uniflora*.
- Parakeelya volubilis** (Bentham) Hershkovitz, Phytologia 84(2): 104, 1999. Basionym: *Calandrinia volubilis*.
- Portulaca conoidea** S. M. Phillips, Kew Bull. 55(3): 693-695, ills., 2000. Typus: *Gachathi* 20624 (K, EA).
- Portulaca coralloides** S. M. Phillips, Kew Bull. 55(3): 695-696, SEM-ills., 2000. Typus: *Greenway et Rawlins* 9423 (K).
- Portulaca kermesina** var. *lutea* (von Poellnitz) S. M. Phillips, Kew Bull. 55(3): 696, 2000. Basionym: *Portulaca fischeri* var. *lutea*.
- Portulaca massaica** S. M. Phillips, Kew Bull. 55(3): 689-690, ills. (pp. 691-692), 2000. Typus: *Faden et Evans* 74/595 (K).
- Portulaca olosirawa** S. M. Phillips, Kew Bull. 55(3): 690, 692-693, ills., 2000. Typus: *Harger* 35 (K).

## BIBLIOGRAPHIA

- [1] Adams, S. P. & al. (2000). Ribosomal DNA evolution and phylogeny in *Aloe* (*Asphodelaceae*). *Amer. J. Bot.* 87(11): 1578-1583, ills.
- [2] Afferni, M. (2000). Cactus e matematica. *Piante Grasse* 20(1): 22-31, ills. [With extensive list of taxa of *Coryphantha* and *Mammillaria*.]
- [3] Akhiani, K. H. (2000). Flora of Iran. No. 32: *Crassulaceae*. Teheran (Iran): Ministry of Jahade-Sazandegi Research Institute of Forests and Rangelands. 72 pp., ills.
- [4] Akiyama, S. & al. (2000). An enumeration of the flowering plants collected in NW Yunnan and SW Sichuan, China, between 1984 and 1999: *Aconogonon*, *Bistorta* and *Koenigia* (*Polygonaceae*), *Rhodiola* (*Crassulaceae*) and *Juncus* (*Juncaceae*). *Bull. Nation. Sci. Mus. Tokyo, Ser. B*, 26(3): 95-106.
- [5] Al-Turki, T. A. & al. (2000). A cytological study of flowering plantes from Saudi Arabia. *Willdenowia* 30(2): 339-358, ills. [Includes *Sesuvium sesuvioides*.]
- [6] Albers, F. & al. (2000). A biosystematic study of *Pelargonium* section *Ligularia*: 4. The section *Ligularia sensu stricto*. *South Afr. J. Bot.* 66(1): 31-43, key, ills., maps.
- [7] Allcock, G. R. & Middleditch, H. (ed.) (2000). The elusive *Echinopsis tucumanense* [sic]. *Chileans* 18(58): 30-35, ills.
- [8] Allorge-Boiteau, L. (2000). Étude des graines de *Kalanchoe* malgaches au microscope électronique à balayage. In: Lourenço, W. R. & Goddman, S. M. (eds.): Diversité et endemisme à Madagascar: Actes du II Colloque International Biogéographique de Madagascar, 30. 8. au 2. 9. 1999; pp. 83-92. Paris (F): Société de Biogéographie.
- [9] Ambrose, D. (2000). *Aloe polyphylla*. Roma (Lesotho): Institute of Education, National University of Lesotho. 10 pp., ills.
- [10] Anaya, A. (2000). *Opuntia bradiana* aus der Sierra de la Paila. *Kakt. and. Sukk.* 52(1): 21-23, ills. [Dated 2001, publ. 23. 12. 2000.]
- [11] Applequist, W. L. & Wallace, R. S. (2000). Phylogeny of the Madagascan endemic family *Didiereaceae*. *Pl. Syst. Evol.* 221(3-4): 157-166.
- [12] Areces-Mallea, A. E. (2000). *Melocactus praerupticola* Areces, sp. nov. (*Cactaceae*): A new member of the *M. intortus* alliance. *Cact. Succ. J. (US)* 72(1): 27-30, ills. [Includes a key to 3 Caribbean *Melocactus* species.]
- [13] Areces-Mallea, A. E. (2000). *Consolea picardae* (Urban) Areces, comb. nov. – revalidation of a neglected West Indian *Opuntioide*. *Cact. Succ. J. (US)* 72(1): 41-46, ills., key.
- [14] Arias Montes, S. (2000). The *Cactaceae* in the Valley of Tehuacán-Cuicatlán, Mexico. *Cactus & Co.* 4(1): 20-29, ills.
- [15] Arizaga, S. & al. (2000). Pollination ecology of *Agave macroacantha* (*Agavaceae*) in a Mexican tropical desert. I. Floral biology and pollination mechanisms. *Amer. J. Bot.* 87(7): 1004-1010.
- [16] Arizaga, S. & al. (2000). Pollination ecology of *Agave macroacantha* (*Agavaceae*) in a Mexican tropical desert. II. The role of pollinators. *Amer. J. Bot.* 87(7): 1011-1017.
- [17] Arnold, J. (2000). *Echinocereus triglochidiatus* subsp. *mojavensis* in habitat. *Brit. Cact. Succ. J.* 18(2): 99-100, ills.
- [18] Audissou, J.-A. (2000). The genus *Caudanthera* Plowes. *Asklepios* No. 80: 12-13, ills. [Included for the illustrators of *C. mireillae*.]
- [19] Augustin, K. (2000). *Weingartia Werdermann* – bekannt aber auch verkannt. *Trautmannsdorf (A): Gesellschaft Österreichischer Kakteenfreunde*. 32 pp., ills., map. [German translation of a paper making up *Kaktusy* 36: Special, 2000.]
- [20] Augustin, K. (2000). *Weingartia Werdermann* – známé, avsak také nepoznané. *Kaktusy* 36(Special 1): 32 pp., ills., map. [A German translation was published by the Gesellschaft Österreichischer Kakteenfreunde.]
- [21] Augustin, K. & al. (2000). *Sulcorebutia*. *Kakteenzwerge der bolivianischen Anden*. Stuttgart (D): Eugen Ulmer Verlag. 180 pp., ills., maps.
- [22] Azkue, D. de (2000). Chromosome diversity of South American *Oxalis*. *Bot. J. Linn. Soc.* 132: 143-152.
- [23] Badillo, V. M. (2000). *Carica* L. vs. *Vasconcella* St. Hil. (*Caricaceae*) con la rehabilitación de este último. *Ernstia*, ser. 2, 10(2): 74-79.
- [24] Bakker, F. T. & al. (1999). Phylogenetics and diversification in *Pelargonium*. In: Hollingsworth & al. (eds.): *Molecular systematics and plant evolution*. London (GB) / New York (US): Taylor & Francis. [Omitted previously.]
- [25] Bakker, F. T. & al. (2000). Mitochondrial and chloroplast DNA-based phylogeny of *Pelargonium* (*Geraniaceae*). *Amer. J. Bot.* 87(4): 727-734.
- [26] Bandyopadhyay, B. & Sharma, A. (2000). The use of multivariate analysis of karyotypes to determine relationships between species of *Opuntia* (*Cactaceae*). *Caryologia* 53(2): 121-126.
- [27] Barthlott, W. & Hunt, D. R. (2000). Seed diversity in the *Cactaceae* subfamily *Cactoideae*. *Succ. Pl. Res.* 5: 173 pp., SEM-ills.

- [28] Bashan, Y. & al. (2000). A proposal for conservation of exemplary stands of the giant Cardón Cactus (*Pachycereus pringlei* (S. Wats.) Britt. & Rose) in Baja California Sur, Mexico. *Nat. Areas J.* 20(2): 197-200.
- [29] Batov, S. (1998). *Ariokarpusy*. Moscow (RU): Kaktus Klub. 32 pp., ills., key. [Omitted previously. An excerpt was published 1998 in an Italian translation in *Piante Grasse*, vol. 18 (cf. RPS 49).]
- [30] Battista, L. & Esterhuizen, J. M. (2000). *Haworthia mucronata* (Haw.), *H. lockwoodii* (Arch.), and *H. decipiens* (Poeelln.) – the links in the translucent *Haworthia* chain around the Swartberg Mountains. *Haworthiad* 14(3): 90-95, ills., map.
- [31] Bauer, R. (2000). The beautiful *Hylocereus stenopterus*. *Cact. Succ. J. (US)* 72(5): 255-256, ills.
- [32] Bayer, M. B. (2000). The case of *Haworthia incurvula* V.Poeelln. *Aloe* 36(2-3): 34-37, ills. [Dated 1999, received 7. Feb. 2000.]
- [33] Bayer, M. B. (2000). Very 'vary-ability' in *Haworthia*. *Aloe* 37(2-3): 52-53, ills. [Exemplified with *H. mirabilis* and *H. magnifica*.]
- [34] Beaton, B. R. (2000). Crece in compagna dei cactus. Growing alongside with cacti: *Lewisia rediviva*. *Cactus & Co.* 4(3): 134-141, ills. [Included for the illustrations depicting variability.]
- [35] Beckert, K. (2000). Einige kritische Anmerkungen zum Abschnitt "Eine Studie über die am häufigsten vorkommende *Parodia maassii* (Heese) Berger" im "Parodienbuch", Bd. II, Walter Weskamp. *Mitteilungsbl. Inter-Parodia-Kette* No. 14: 11-17, ills.
- [36] Benzing, D. H. (2000). *Bromeliaceae: Profile of an adaptive radiation*. Cambridge (UK): Cambridge University Press. 690 pp., ills., diagr.
- [37] Berger, F. (2000). *Gymnocalycium tillianum*. Auf den Spuren von W. Rausch; Standortbeobachtungen in der Sierra Ambato. *Gymnocalycium* 13(4): 381-384, ills.
- [38] Berka, L. (2000). Paraguaystí tpsalíci v behu dvacátého století. *Cactaceae etc.* 10(4): 144-148, ills. [On Paraguayan *Frailea* spp.]
- [39] Berka, L. (2000). Paraguayaanse dwergen in de twintigste Eeuw. *Succulenta* 79(5): 216-221, ills. [On *Frailea schilinzkyana* and *F. grahiana*.]
- [40] Bianchi, M. B. & al. (2000). Studies on the breeding systems of understory species of a Chaco woodland in NE Argentina. *Flora* 195(4): 339-348, ills.
- [41] Bischofberger, U. (2000). In search of Euphorbias in South Ethiopia. Part 1. Province Sidoma. *Euphorbiaceae Study Group Bull.* 13(1): 5-11, ills. [Continued in 14(1), 2001.]
- [42] Boer, W. de & al. (2000). Die *Mammillaria*-Untergattung *Cryptocarpa*. *J. Mammillaria Soc.* 40(1): 10-16, ills., map. [German version in *Mitteilungsbl. AfM* 24(3): 154, 156-171, ills., 2000.]
- [43] Bohata, J. & al. (2000). Rayones. *Kaktusy* 36(4): 120-123, ills. [Includes data on *Turbincarpus swobodaee*.]
- [44] Bohle, B. & Heek, W. van (2000). Uebelmannien, botanische Kostbarkeiten. *Kaktusblüte* 2000: 41-47, ills.
- [45] Bowers, J. E. (2000). Does *Ferocactus wislizeni* (Cactaceae) have a between-year seed bank? *J. Arid Environm.* 45(3): 197-205.
- [46] Breckwoldt, S. & K. (2000). *Echinocereus knippelianus*. *Echinocereenfreund* 13(1): 21-25, ills. (incl. p. 19). [With tabular comparison of the subspecies.]
- [47] Breckwoldt, S. & K. (2000). Einige Gedanken zum *Echinocereus pulchellus*-Komplex. *Echinocereenfreund* 13(2): 47, 49-50, ills.
- [48] Breckwoldt, S. & K. (2000). Es gibt ihn wieder: *Echinocactus grusonii* in freier Natur. *Kakt. and. Sukk.* 51(9): 245, ill.
- [49] Breckwoldt, S. & K. (2000). Fruchthüllen bei *Pachycereus pecten-aboriginum*. *Kakt. and. Sukk.* 52(1): 19-20, ill. [Dated 2001, publ. 23. 12. 2000.]
- [50] Breuer, I. (2000). *Haworthia* photographs used to typify taxa described by Dr. Karl von Poeellnitz. *Niederzier (D) / Homburg (D)*: Published by the author / Arbeitskreis für Mammillarienfreunde. 200 pp., ills.
- [51] Breuer, I. (2000). World of *Haworthias*. Volume 2. Descriptions. *Niederzier (D) / Homburg (D)*: Published by the author / Arbeitskreis für Mammillarienfreunde. xiii + pp. 341-859, pl. A-X, ills. [Volume 1 publ. 1998.]
- [52] Breuer, I. (2000). *Haworthia integra* Poeelln. type. *Haworthiad* 14(4): 125, ill.
- [53] Brittingham, S. & Walker, L. R. (2000). Facilitation of *Yucca brevifolia* recruitment by Mojave Desert shrubs. *West. North Amer. Naturalist* 60(4): 374-383.
- [54] Brummitt, R. K. (2000). Proposals to conserve or reject. Report of the Committee for Spermatophyta: 49. *Taxon* 49(2): 261-278. [Includes comments on the proposal to reject *Sempervivum carpathicum*, to conserve *Parodia*, and to conserve *Orbea* with a new type.]
- [55] Brummitt, R. K. (2000). Report of the Committee for Spermatophyta: 50. *Taxon* 49(4): 799-808. [Includes data on *Euphorbia obtusifolia* and *Echinocactus smithii*.]
- [56] Bruns, W. (2000). Samen- und Fruchtbildung beim *M.[ammillaria] huitzilopochtli - crucigera*-Kreuz. *Mitteilungsbl. AfM* 24(2): 101-103, ills. (p. 93).
- [57] Bruyns, P. V. (2000). Phylogeny and

- biogeography of the Stapeliads. 1. Phylogeny. *Pl. Syst. Evol.* 221(3-4): 199-226.
- [58] Bruyns, P. V. (2000). Phylogeny and biogeography of the Stapeliads. 2. Biogeography. *Pl. Syst. Evol.* 221(3-4): 227-244.
- [59] Bruyns, P. V. (2000). *Baynesia*, a new genus of Stapeliad from the northwestern-most corner of Namibia (*Apocynaceae*). *Novon* 10(4): 354-358, *ills.*, *key*. [Includes a key to related genera.]
- [60] Burgoyne, P. (2000). The enigmatic family *Mesembryanthemaceae*. Notes on identifying mesembs (vygies). *Pl. Life (South Afr.)* 23: 5-8, *ills.*
- [61] Burgoyne, P. M. (2000). *Anacampseros subnuda* ssp. *subnuda* – in its winter woollies. *Aloe* 36(4): 86, *ills.* [Dated 1999, publ. June 2000.]
- [62] Burgoyne, P. M. (2000). Will the real *Ruschianthemum gigas* please stand up! *Aloe* 37(1): 8, *ills.*
- [63] Burgoyne, P. M. & al. (2000). *Frithia* – up close and personal. *Aloe* 37(2-3): 38-42, *ills.*, *map*.
- [64] Burgoyne, P. M. & al. (2000). Notes on the genus *Frithia* (*Mesembryanthemaceae*) and the description of a new species, *F. humilis*, in South Africa. *Bothalia* 30(1): 1-7, *ills.*
- [65] Burton, C. M. (2000). *Hoya cagayanensis* vs. sp. CMF-8. *Hoyan* 21(4): 59-68, *ills.*
- [66] Burton, C. M. (2000). *Hoya odorata* vs. *Hoya paziae*. *Hoyan* 22(1): 7-8.
- [67] Butterworth, C. A. & Wallace, R. S. (2000). Phylogenetic studies of the cactus genus *Mammillaria* Haw. using chloroplast DNA sequence data. *Amer. J. Bot.* 87(6: Abstr.): 116-117 (Abstract 344).
- [68] Byalt, V. V. (2000). [Russian:] Preliminary data on the succulent flora of Russia. *Kaktus Klub* 2000(6): 27-31, *ills.*
- [69] Byalt, V. V. (2000). [Russian:] Conspectus generis *Orostachys* Fisch. (*Crassulaceae*). *Novosti Sist. Vyssh. Rast.* 32: 40-50.
- [70] Byalt, V. V. (2000). [Russian:] Notae de generibus *Kalanchoe* Andr. et *Bryophyllum* Salisb. (*Crassulaceae*) specieb. nonnullis. *Novosti Sist. Vyssh. Rast.* 32: 50-52.
- [71] Byalt, V. V. & Vassiljeva, I. M. (2000). Catalogue of type specimens of *Cactaceae* in the Herbarium of the Komarov Botanical Institute (LE). *Sukkulenty* 3(1-2): 65-68.
- [72] Carter, S. (2000). *Euphorbia meenae*, a new geophyte from India. *Cact. Succ. J. (US)* 72(4): 208-212, *ills.* [Includes illustrations of other geophytic Indian taxa.]
- [73] Carter, S. (2000). New *Euphorbia* taxa in the Flora Zambesiaca area. *Kew Bull.* 54(4): 959-965, *ills.* [Dated 1999, publ. 2000.]
- [74] Carter, S. (2000). Taxonomic changes in *Monadenium* and *Synadenium* (*Euphorbiaceae*) for Flora Zambesiaca. *Kew Bull.* 55(2): 435-442, *ill.*
- [75] Cattabriga, A. (2000). Un esempio di adattamento estremo. An extreme example of adaptation. *Aztekium ritteri*. Incastonato nel gesso. Chiselled in gypsum. *Cactus & Co.* 4(3): 126-133, *ills.*
- [76] Cervantes S., L. M. & Martínez R., P. (2000). Ensayos de germinación en semillas de *Fouquieria purpusii* Brandege. *Cact. Succ. Mex.* 45(3): 52-61, *ills.* (cover).
- [77] Chahinian, B. J. (2000). Two new species of *Sansevieria* from Malawi. *Brit. Cact. Succ. J.* 18(3): 132-136, *ills.*, *map*.
- [78] Charles, G. (2000). *Browningia candelaris* (Meyen) Br. & R. *Brit. Cact. Succ. J.* 18(1): 39-42, *ills.*
- [79] Charles, G. (2000). The genus *Oroya* Br. & R. *Brit. Cact. Succ. J.* 18(2): 62-67, *ills.*, *map*.
- [80] Charles, G. (2000). *Oreocereus tacnaensis* Ritter – a natural hybrid? *Cact. Succ. J. (US)* 72(5): 243-246, *ills.*
- [81] Chesselet, P. & al. (2000). Systematic and evolutionary significance of morphology in the *Mesembryanthemaceae*: Interactive database and illustrated atlas for identification. *Aloe* 37(2-3): 46-51, *diags.*
- [82] Cloete, E. & Plumstead, E. (2000). Toxic soils and *Aloe* colours. *Veld. Fl.* (1975+) 86(1): 29, *ills.*
- [83] Cole, D. T. (2000). Stapeliads and their kin in Botswana – some new observations. *Asklepios* No. 79: 20-23, *ills.*, *map*.
- [84] Collenette, S. (1999). Wildflowers of Saudi Arabia. Riad (Saudi Arabia): National Commission for Wildlife Conservation and Development. [Included for the illustrations.]
- [85] Collenette, S. (2000). *Huernias* in Saudi Arabia. *Asklepios* No. 79: 16-19, *ills.*
- [86] Collenette, S. (2000). *Dracaena* in Saudi Arabia. *Brit. Cact. Succ. J.* 18(1): 33-37, *ills.*, *map*.
- [87] Collenette, S. (2000). *Rhytidocaulon* in Saudi Arabia. *Brit. Cact. Succ. J.* 18(3): 162-165, *ills.*
- [88] Comanor, P. L. & Clark, W. H. (2000). Preliminary growth rates and a proposed age-form classification for the Joshua Tree, *Yucca brevifolia* (*Agavaceae*). *Haseltonia* 7: 37-46, *ills.*
- [89] Court, D. (2000). Succulent flora of Southern Africa. Rotterdam (NL) / Brookfield (US: VT): A. A. Balkema. Revised Ed.; xii + 300 pp., *ills.*



- [90] Court, D. (2000). Time to take stock. An overview of the taxonomy of succulent plants in southern Africa today and the case for national collections of genera. *Aloe* 37(2-3): 43-45, ills.
- [91] Córdoba Laguna, M. & al. (2000). Contribución al conocimiento de *Acanthocereus tetragonus* (Linnaeus) Hummelinck de la Sierra Gorda Queretana. *Cact. Suc. Mex.* 45(2): 34-39, ills.
- [92] Craib, C. (2000). The propagation of succulent *Othonna* species from seed in Johannesburg. *Aloe* 36(2-3): 38-42, ills. [Dated 1999, received 7. Feb. 2000.]
- [93] Craib, C. (2000). The habitat and ecology of *Haworthia marumiana* north of Queenstown in the Eastern Cape. *Haworthiad* 14(2): 39.
- [94] Craib, C. (2000). The decline and projected extinction of South Africa's Grass Aloes. *Haworthiad* 14(2): 48, 50-58, ills.
- [95] Craib, C. (2000). The ecology of *Aloe thorncroftii*. *Haworthiad* 14(3): 79.
- [96] Craib, C. (2000). *Pelargonium aestivale*. *Veld. Fl.* (1975+) 86(4): 172-173, ill.
- [97] Crook, R. & Mottram, R. (2000). *Opuntia* Index. part 6: M-O. *Bradleya* 18: 113-140, ills.
- [98] Crouch, N. R. & al. (2000). *Gasteria croucheri* – the magic impundu of the Zulu. *Brit. Cact. Succ. J.* 18(2): 70-78, ills., map.
- [99] Crouch, N. R. & al. (2000). *Aptenia cordifolia* (L.f.) Schwantes (*Mesembryanthemaceae*) in Zulu traditional medicine – an overview. *Haseltonia* 7: 30-36, ills., map.
- [100] Csuha, L. & al. (2000). A *Gymnocalyceium bruchii* - *lafaldense* probléma mai állása. *Alba Flora* No. 26: 23-28, ills. [= *Anisitsianum* 7: 59-66.]
- [101] Cullen, J. & al. (eds.) (2000). The European Garden Flora. Volume V: Dicotyledons (Part IV). Cambridge (GB): Cambridge University Press. xv + 739 pp., ills., keys. [Includes the following families with succulents: *Apocynaceae* (pp. 34-48), *Asclepiadaceae* (pp. 48-81), *Rubiaceae* (pp. 82-100), *Fouquieriaceae* (p. 111-112), *Lamiaceae* (pp. 161-230), *Nolanaceae* (pp. 231-232), *Gesneriaceae* (pp. 372-404) and *Asteraceae* (pp. 508-666).]
- [102] Cumming, D. (2000). Notes on the Port Alfred population of *Gasteria acinacifolia* and habitat. *Haworthiad* 14(4): 117.
- [103] Damme, P. van & Eynden, V. van den (2000). Succulent and xerophytic plants used by the Topnaar of Namibia. *Haseltonia* 7: 53-62, ills., map.
- [104] Das, A. B. & al. (2000). Interspecific variations of nuclear DNA content and karyotype diversity in *Ferocactus*. *Cytologia* 65(1): 49-56.
- [105] Das, A. B. & al. (2000). Cytophotometric estimation of 4C DNA content and chromosome analysis in four species of *Astrophytum* Lem. of the family *Cactaceae*. *Cytologia* 65(2): 141-148.
- [106] Das, P. & al. (2000). Interspecific variations in the chiasma frequency and nuclear DNA content in some species of *Ferocactus* (*Cactaceae*). *Caryologia* 53(2): 159-162.
- [107] Dassanayake, M. D. (2000). *Aloaceae*. In: Dassanayake, M. D. (ed.): *A revised handbook of the Flora of Ceylon*; 14: 12-14. Rotterdam (NL) / Brookfield (US: VT): A. A. Balkema.
- [108] Davidson, L. B. (2000). *Lewisias*. Portland (US: OR): Timber Press. 236 pp., ills., maps.
- [109] Dean, W. R. J. & Milton, S. J. (2000). Directed dispersal of *Opuntia* species in the Karoo, South Africa: Are crows the responsible agents? *J. Arid Environ.* 45(4): 305-314.
- [110] Dehn, R. (2000). Die "Geister-Mammillaria": Gedanken zu einer Neubeschreibung oder: Was ist *Mammillaria orcuttii*? *Mitteilungsbl. AfM* 24(2): 73-82, ills. (pp. 88, 90-91).
- [111] Delaney, G. (2000). Numéros de prospection Antesberger Helmut & Barbara. *Succulentes* 23(2): 12-15, ill.
- [112] Desmet, P. (2000). The succulents of Northern Bushmanland: Their distribution and implications for conservation. *Aloe* 37(2-3): 32-35, ills., diags.
- [113] Dicht, R. F. (2000). *Nomina Cactacearum Conservanda sive Rejicienda Proposita* (ed. D. R. Hunt). *Cact. Syst. Init. No.* 10: 19-22.
- [114] Dicht, R. F. & Lüthy, A. D. (2000). *Coryphantha pycnanantha* (Martius) Lemaire – rectification of a widely misinterpreted species. *J. Mammillaria Soc.* 40(1): 2-6, ills.
- [115] Dicht, R. F. & Lüthy, A. D. (2000). *Coryphantha pallida* Britton & Rose – revision of a very variable species. *J. Mammillaria Soc.* 40(4): 46-50, ills.
- [116] Diggs, G. M. jr. & al. (1999). *Shinners & Mahler's Illustrated Flora of North Central Texas*. Fort Worth (US: TX): Botanical Research Institute of Texas. xii + 1626 pp., keys, ills. [= *Sida Bot. Misc.* 16.]
- [117] Dioli, M. & Mesfin, T. (2000). A new species of *Kleinia* (*Compositae. Senecioneae*) from Ogaden, Ethiopia. *Cact. Succ. J. (US)* 72(6): 303-305, ills., key. [Includes a key to related *Kleinia* species from Ethiopia.]
- [118] Dohnke, G. (2000). *Notocactus uebelmannianus* Buining (WG 166), die südlichste Population der Verwandtschaftsgruppe. *Internoto* 21(1-2): 72-77, ills., map.
- [119] Doweld, A. B. (2000). Amplification of the genus *Neolloydia* Britton & Rose: Addenda and corrigenda. *Cact. Syst. Init. No.* 9: 19-24, SEM-ills.

- [120] Doweld, A. B. (2000). The polyphyletism of the genus *Echinocactus* as evidenced by its seed coat anatomy and morphology. II. Die Polyfylië [sic] der Gattung *Echinocactus* nachgewiesen durch den anatomischen Aufbau und die Morphologie der Samenhaut. II. Cactaceae Rev. 3(1): 4-10, ill. [Continued from 2(1).]
- [121] Doweld, A. B. (2000). Lectotypification of several sections in *Mammillaria* Haw. J. Mammillaria Soc. 40(3): 43-44, (4): 50.
- [122] Doweld, A. B. (2000). Zur systematischen Stellung der Gattung *Leuchtenbergia* Hooker fil. Kakt. and Sukk. 51(12): 337-342, ill., SEM-ills.
- [123] Doweld, A. B. (2000). [Russian:] An outline of the phylogenetic system of classification of the tribe *Cacteeae* (*Cactioideae* - *Cactaceae*). IV. System of classification of the subtribes *Cochemieinae* - *Pelecyporphinae* - *Escobariinae* - *Cactinae*. Sukkulenty 3(1-2): 12-35, ill.
- [124] Doweld, A. B. (2000). Phylogenetic relationships within *Notocactus* - *Parodia* puzzle. Sukkulenty 3(1-2): 44-64, ill.
- [125] Doweld, A. B. (2000). De genere *Turbincarpus* F. Buxb. et Backeb. (*Cactaceae* [sic]). Sukkulenty 3(1-2): 69-70.
- [126] Doweld, A. B. (2000). (1465) Proposal to conserve the name *Brasilicactus* against *Acanthocephala* (*Cactaceae*). Taxon 49(3): 564-565.
- [127] Doweld, A. B. (2000). (1466) Proposal to conserve the name *Eriocactus* against *Erioccephala* (*Cactaceae*). Taxon 49(3): 566-568.
- [128] Doweld, A. B. (2000). [Russian:] Conspectus systematis tribus *Cacteeae* (*Cactaceae*). Genera et taxa supragenerici, 1. Novosti Sist. Vyssh. Rast. 32: 111-123.
- [129] Doweld, A. B. (2000). [Russian:] On the taxonomy of the genus *Eriocactus* Backeb. (*Cactaceae*). Turczaninowia 3(3): 5-8.
- [130] Dreyer, L. L. & Marais, E. B. (2000). Section *Reniformia*, a new section in the genus *Pelargonium* (*Geraniaceae*). South Afr. J. Bot. 66(1): 44-51, maps, key.
- [131] Dufek, R. (2000). Rod *Mammillaria* Haworth. Atlas Kakt. 15(Suppl.): 40 pp., ill., maps.
- [132] Duncan, G. (2000). Notes on some rare and newly published species of *Lachenalia* from South Africa and Namibia. *Herbertia*, ser. 3, 54: 171-179, ill. [Dated 1999, publ. 2000.]
- [133] Eckert, K. (2000). Robert Gräfers *Trichocereus*-Hybride 'Kaffee'. Kakt. and Sukk. 51(8): 218-219, ill.
- [134] Eerkens, G. (2000). *Melocactus* species HU 534. *Succulenta* 79(6): 274-275, ill.
- [135] Egli, U. & Leuenberger, B. E. (2000). *Eulychnia castanea* - "Not easily accessible either by land or by sea". Cact. Succ. J. (US) 72(1): 36-40, ill., map.
- [136] Eichler, M. (2000). Beobachtungen zu *Parodia setifera* und anderen Arten aus der Provinz Salta (Argentinien). Mitteilungsbl. Inter-Parodia-Kette No. 15: 9-14, ill., map.
- [137] El-Keblawy, A. & Al-Ansari, F. (2000). Effects of site of origin, time of seed maturation, and seed age on germination behavior of *Portulaca oleracea* from the Old and New Worlds. Canad. J. Bot. 78(3): 279-287.
- [138] Ellert, A. F. N. (2000). *Euphorbia guericchiana* Pax. Cact. Succ. J. (US) 72(5): 279-285, ill.
- [139] Endress, M. E & Bruyns, P. V. (2000). A revised classification of the *Apocynaceae* s.l. Bot. Rev. (Lancaster) 66(1): 1-56.
- [140] Espinosa Gento, A. & al. (2000). Algunas *Convolvuláceas*, *Crasuláceas* y *Saxifragáceas* del Alto Guadalquivir (sur de la Peninsula Ibérica) hasta 1999. *Blancoana* 17: 82-85.
- [141] Esterhuizen, J. M. (2000). Variety within *Haworthia turgida* Haw. along the Duivenhoks River. *Haworthiad* 14(1): 14-16, ill. (p. 18).
- [142] Esterhuizen, J. M. (2000). *Haworthia serrata* Bayer, a fascinating species from the southern Cape. *Haworthiad* 14(2): 45-49, ill.
- [143] Esterhuizen, J. M. (2000). An *Haworthia herbacea* var. *flaccida*-like form of *H. herbacea* var. *lupula* northeast of Villiersdorp. *Haworthiad* 14(4): 122-124, ill.
- [144] Esterhuizen, J. M. (2000). *Haworthia integra* (Poelln.): The Little Karoo's equivalent of *Haworthia turgida*? *Haworthiad* 14(4): 125-129, 132, ill.
- [145] Esterhuizen, J. M. & Breuer, I. (2000). *Haworthia emelyae* Poelln. and *H. helmiae* Poelln.: What is the real identity of these two contentious species? *Haworthiad* 14(2): 61-63, 65-69, ill.
- [146] Fahr, J. (2000). Von Camargo durch die Schlucht des Rio Tumusla nach Cotagaita. Mitteilungsbl. Inter-Parodia-Kette No. 15: 3-5, ill.
- [147] Felger, R. S. & Zimmerman, A. D. (2000). *Cactaceae*. Cactus Family. In: Felger, R. S. (ed.): Flora of the Gran Desierto and Río Colorado of northwestern Mexico. Tucson (US: AZ): University of Arizona Press.
- [148] Ferguson, D. (2000). Fieldnotes on 1 Feldnotizen über *Sclerocactus parviflorus* Clover & Jotter. Cactaceae Rev. 3(2): 11-14, ill.
- [149] Fick, A. (2000). Type locality of *Haworthia springbokvlakensis* preserved. *Aloe* 37(1): 18, ill.
- [150] Fickenscher, K. (1999). *Rebutia kariusiana* Wessner. Inform.-brief Freundeskreis Echinopsen No. 28: 68-71, ill. [Omitted previously.]
- [151] Fickenscher, K. & Wittau, H.-J. (1998). Bestimmungsschlüssel für Lobvianarten. In-

form.-brief Freundeskreis Echinopseen No. 25: 4-11, ill., key. [Omitted previously.]

[152] Fitz Maurice, W. A. & B. (2000). Fieldnotes – More about *Mammillaria machucaea*. Cact. Succ. J. (US) 72(5): 278, ill.

[153] Fitz Maurice, W. A. & B. (2000). *Mammillaria stella-de-tacubaya* and *M. gasseriana* – once again. J. Mammillaria Soc. 40(3): 42. [German translation in Mitteilungsbl. AfM 24(2): 89, 92, 94.]

[154] Fitz Maurice, W. A. & B. (2000). *Mammillaria eschanzieri* [sic] etc. J. Mammillaria Soc. 40(4): 53-54, ill.

[155] Fontaine, P. (2000). Trois siècles de littérature botanique en français. Cactées, plantes grasses et autres plantes succulentes. 450 livres et ouvrages en langue française. Succulentes 23(2: Suppl.): 56 pp., ill.

[156] Fontana, M. (2000). [Russian:] Cacti in habitat in Bahia and Minas Gerais. Kaktus Klub 2000(4): 12-15, ill.

[157] Forster, P. I. (2000). *Aloe delphinensis* in Aloe Sect. *Lomatophyllum*. Bothalia 30(1): 43-55, key. [Includes a key to Madagascan taxa of the section.]

[158] Forster, P. I. (2000). A putative locality for *Euphorbia antiquorum* L. in southern China. Euphorbiaceae Study Group Bull. 13(2): 72.

[159] Forster, P. I. (2000). *Jatropha curcas* L. (Euphorbiaceae): A naturalized pachycaul succulent in Australia. Euphorbiaceae Study Group Bull. 13(3): 111-116, ill.

[160] Forster, P. I. (2000). The ant, the butterfly and the ant-plant: Notes on *Myrmecodia beccarii* (Rubiaceae), a vulnerable Queensland endemic. Haseltonia 7: 2-7, ill., map.

[161] Forster, P. I. & Schmeider, M. (2000). *Cereus uruguayanus* (Cactaceae) and its naturalised occurrence in Queensland, Australia. Austrobaileya 5(4): 671-677.

[162] Frandsen, R. (2000). The succulent flora of pebble fields, with emphasis on the Little Karoo and the Knersvlakte. Aloe 37(2-3): 26-27, ill.

[163] Frank, G. R. W. (2000). *Echinocereus reichenbachii* (Terscheck ex N. Fennel) A. Linke ssp. *burrensis* G. R. W. Frank, W. Metorn & E. Scherer subsp. nov. Echinocereenfreund 13(3): 63-77, ill., SEM-ills.

[164] Frank, G. R. W. & al. (2000). *Echinocereus lindsayi* J. Meyrán – eine höchst erfreuliche Botschaft über die Verbreitung einer "Anhang-I-Pflanze". Kakt. and Sukk. 51(12): 319-322, ill., SEM-ills.

[165] Freitas, J. A. de & Rojer, A. C. (2000). New plant records for Curaçao, Aruba and Bonaire (Leeward Dutch Antilles). Caribbean J. Sci. 36(1-2): 146-149. [Records *Pereskia guamacho* for Aruba (p. 148).]

[166] Friis, I. (1999). *Moraceae* (*Dorstenia*). In: Thulin, M. (ed.): Flora of Somalia, 2: 91-94. Richmond (GB): Royal Botanic Gardens Kew.

[167] Fu, L.-K. & Hong, T. (eds.) (2000). Higher plants of China. Vol. 3. Qingdao (China): Qingdao Publishing House. [Piperaceae (*Peperomia*): pp. 334-336; Menispermaceae (*Stephania*): pp. 610-618, ill., keys, maps; in Chinese.]

[168] Gallo, L. (2000). Chorological notes on the alien Sedums of the Italian flora. Sedum Soc. Newslett. No. 53: 41-43, map.

[169] Garcia, R. & al. (1999). La Rosa de Bayahibe, salvamento de una especie. Bol. Jard. Bot. Nac. Dr. Raphael M. Moscoso 8(6): 12-13. [Omitted previously. On *Pereskia quisqueyana*.]

[170] García, M. & al. (2000). Anatomía foliar comparada de cuatro especies del género *Pereskia* (Plum.) Miller (Cactaceae). Ernstia, ser. 2, 10(1): 27-41, ill.

[171] García-Mendoza, A. & Castañeda Rojas, A. (2000). *Manfreda littoralis* (Agavaceae), nueva especie de Guerrero y Oaxaca, México. Acta Bot. Mex. 50: 39-45, ill., key. [Includes a key to the *M. guttata* group.]

[172] Gehrig, H. & al. (2000). Mise en évidence par marqueurs moléculaires de la diversité et comportement photosynthétique des espèces du genre *Kalanchoe* (Crassulaceae). In: Lourenço, W. R. & Goddman, S. M. (eds.): Diversité et endemisme à Madagascar: Actes du II Colloque International Biogéographique de Madagascar, 30. 8. au 2. 9. 1999; pp. 75-82. Paris (F): Société de Biogéographie.

[173] Gemmill, C. E. C. & al. (1998). Conservation genetics of the endangered endemic Hawaiian genus *Brighamia* (Campanulaceae). Amer. J. Bot. 85(4): 528-539. [Omitted previously.]

[174] Gerloff, N. (2000). Ist *Notocactus* AH 66 der lange verschollene Neotypus von *Notocactus linkii* (Lehm. 1827) Herter 1955? Internoto 21(3): 83-91, ill., map.

[175] Gerloff, N. (2000). Neues von den säuligen Notokakteen. Internoto 21(4): 123-133, ill., map, diag.

[176] Gerloff, N. (2000). Nové druhy kalem *Notocactus mammulosus* (1) / (2). Minimus 31(1): 4-11, (2): 27-33, ill.

[177] Gertel, W. (1998). Die Sulcorebutien von der Strasse Arani - Tintin. Inform.-brief Freundeskreis Echinopseen No. 25: 18-24, ill., map. [Omitted previously. Continued in no. 27.]

[178] Gertel, W. (1999). Die Sulcorebutien von der Strasse Arani - Mizque. Inform.-brief Freundeskreis Echinopseen No. 27: 6-10, 19-20, ill. [Omitted previously. Continued from vol. 25.]

[179] Gertel, W. (2000). Eigenartige Methode der vegetativen Vermehrung bei Sulcorebutien.

- Kakt. and Sukk. 52(1): 8-10, ills. [Dated 2001, publ. 23. 12. 2000.]
- [180] Gideon, O. (1995). *Portulacaceae*. In: Conn, B. J. (ed.): *Handbooks of the Flora of Papua New Guinea*; 3: 212-220, ills., keys. Melbourne (AUS): Melbourne University Press. [Omitted previously.]
- [181] Gilbert, M. G. & al. (2000). New combinations in *Tillaea* (*Crassulaceae*). *Novon* 10(4): 366-367.
- [182] Gilding, E. & Kloppenburg, D. (2000). *Hoya* sp. *affinis cystiantha*. *Fraterna* 13(3): 2-7, ills.
- [183] Gilmer, K. & Thomas, H.-P. (2000). Beobachtungen zu *Puna clavarioides* (Pfeiffer) Kiesling. *Kakt. and Sukk.* 51(11): 281-284, ills.
- [184] Gilmer, K. & Thomas, H.-P. (2000). Nur ein Name? *Tephrocactus rauhii* Backeberg. *Kakt. and Sukk.* 51(4): 85-87, ills.
- [185] Glen, H. F. & Hardy, D. S. (2000). *Aloaceae* (first part): *Aloe*. In: Germishuizen, G. (ed.): *Flora of Southern Africa*, Vol. 5, part 1, fascicle 1. Pretoria (RSA): National Botanical Institute. vi + 167 pp., ills., keys, maps.
- [186] Godínez-Alvarez, H. & Valiente-Banuet, A. (2000). Fruit-feeding behavior of the bats *Leptonycteris curasoae* and *Choeronycteris mexicana* in flight cage experiments: Consequences for dispersal of columnar cactus seeds. *Biotropica* 32(3): 552-556. [Data on *Neobuxbaumia tetetzo*.]
- [187] Gola, E. M. (2000). Formation of phyllo-tactic patterns in cactus seedlings. *Amer. J. Bot.* 87(6: Abstr.): 35 (Abstract 108).
- [188] Golubov, J. & al. (2000). Cactáceas asociadas a pastizales de *Hilaria mutica* (Buckl.) Benth. en la Reserva de la Biosfera de Mapimí, México. *Cact. Suc. Mex.* 45(4): 84-89.
- [189] Gontcharova, S. B. (2000). O taksonomii predstavitelei podsemeistva *Sedoideae* (*Crassulaceae*) rossiiskogo Dal'nego Vostoka: I. Rody *Hylotelephium* i *Aizopsis* [On the taxonomy of sub-family *Sedoideae* (*Crassulaceae*) in the Russian Far East: I. Genera *Hylotelephium* and *Aizopsis*]. *Bot. Zhurn. (Moscow & Leningrad)* 85(5): 121-128.
- [190] Gontcharova, S. B. (2000). O taksonomii predstavitelei podsemeistva *Sedoideae* (*Crassulaceae*) rossiiskogo Dal'nego Vostoka: II. Rody *Rhodiola* i *Orostachys* [On the taxonomy of sub-family *Sedoideae* (*Crassulaceae*) in the Russian Far East: II. Genera *Rhodiola* and *Orostachys*]. *Bot. Zhurn. (Moscow & Leningrad)* 85(9): 120-128.
- [191] Gouws, J. (2000). Use of an expert system for identification of *Lithops*. *Suid-Afrikaan. Tydsk. Natuurwetensk. & Tegnol.* 19(2): 42-46.
- [192] Gómez-Hinostrosa, C. & Hernández, H. M. (2000). Diversity, geographical distribution, and conservation of *Cactaceae* in the Mier y Noriega region, Mexico. *Biodivers. & Conserv.* 9(3): 403-418, maps, diags.
- [193] Greene, B. (2000). Mountain Cabbage Tree (*Cordyline indivisa*) in the Hunua Ranges. *J. Auckland Bot. Soc.* 55(1): 9, maps.
- [194] Gröner, G. (2000). Die Bandbreite der neuen *Hildewintera*-Hybriden. *Kakt. and Sukk.* 51(2): 49-52, ills.
- [195] Hadasz, P. (2000). Na stanowisku *Melocactus oaxacensis* (Br. & R.) Backeberg. *Swiat Kakt.* 34(1-2): 41-43, ills., pl. facing p. 91.
- [196] Hammel, B. E. & Hunt, D. R. (ed.) (2000). A revised species-list of Costa Rican *Cactaceae*. *Cact. Syst. Init. No.* 9: 25-28.
- [197] Hammer, S. A. (1999). Recent and sundry observations. *Mesemb Study Group Bull.* 15(4): 66-67. [Data on hybridization in *Aizoaceae*.]
- [198] Hammer, S. A. (2000). Whorled news. *Mesemb Study Group Bull.* 15(3): 50. [On *Conophytum ricardianum* ssp. *rubriflorum*.]
- [199] Hand, R. (ed.) (2000). Contributions to the flora of Cyprus I. *Willdenowia* 30(1): 53-65. [Includes data on *Crassula* and *Sedum*.]
- [200] Hansen, P. (2000). *Lophophora fricii* Habermann und die umstrittene Varietät *Lophophora williamsii* var. *decepiens* Croizat. *Kakt. and Sukk.* 51(9): 225-232, ills., SEM-ills.
- [201] Hargreaves, B. J. (2000). *Ceropegia* and *Fockea* in Botswana. *Asklepios* No. 79: 10-15, ills.
- [202] Harris, W. & Beever, R. E. (2000). Genotypic variation of seedlings of wild populations of *Cordyline australis* (*Lomandraceae*) in New Zealand. *New Zealand J. Bot.* 38(4): 597-608, maps.
- [203] Hartmann, H. E. K. & Bruckmann, C. (2000). The capsules of *Drosanthemum Schwantes* (*Ruschioideae, Aizoaceae*). *Bradleya* 18: 75-112, ills.
- [204] Haugg, E. (1999). Eine neue *Sulcorebutia*? Inform.-brief Freundeskreis Echinopseen No. 28: 72, iii. [Omitted previously.]
- [205] Hayashi, M. (2000). [Japanese:] Comparison of *Haworthia* species names. *Haworthia Study No.* 3: 5-13, ills. [The names of "waves", sections and series as given in tables 1 & 2 (pp. 9-10) are not considered for the RPS and all seem to be invalid (Art. 36.1). Translation in *Haworthiad* 15(1), 2001.]
- [206] Hayashi, M. (2000). [Japanese:] An introduction of some new species. *Haworthia Study No.* 4: 8-10, ills. [The new names of *Haworthia* proposed are all invalid under Art. 36.1 and are not considered for RPS.]
- [207] Heek, W. van & Strecker, W. (2000). *Micranthocereus violaciflorus* aus Minas Gerais.



Kakt. and. Sukk. 51(7): 180-182, ill.

[208] Heek, W. van & Strecker, W. (2000). Rod *Uebelmannia* Buining. *Kaktusy* 36(Special 2): 32 pp., ill., map. [A German edition was published anonymously in 2001 by the Gesellschaft der Österreichischen Kakteenfreunde.]

[209] Hegedus, G. (2000). Eine Hybride der Sektion *Eriocactus*. *Internoto* 21(4): 148-150, ill. [On *Notocactus leninghausii* × *N. magnificus*.]

[210] Heine, R. (2000). *Lithops villetii* – *deboeri* – *kennedyi*. *Mesemb Study Group Bull.* 15(2): 30-31, ill. [Addendum in l.c. 15(3): 61, 2000.]

[211] Heine, R. (2000). Taxonomy of *Lithops karasmontana* (Dinter and Schwantes) N. E. Brown. *Mesemb Study Group Bull.* 15(2): 32-33, map.

[212] Hentzschel, G. (1998). Bemerkungen zur Abgrenzung der Gattung *Sulcorebutia*. *Inform.-brief Freundeskreis Echinopseer* No. 25: 25-28. [Omitted previously.]

[213] Hentzschel, G. (1998). Merkmale zur Abgrenzung der Gattung *Sulcorebutia*. *Inform.-brief Freundeskreis Echinopseer* No. 26: 46-53, ill. [Omitted previously.]

[214] Hernández-Oria, J. G. (2000). Procesos de nodricismo en Cactáceas del noroccidente de Querétaro. *Nakari* 11(1): 16-25, diags.

[215] Herrera, A. & al. (2000). Effects of drought on CAM and water relations in plants of *Peperomia carnevalii*. *Ann. Bot. (London)*, n.s. 86(3): 511-517.

[216] Hershkovitz, M. A. (1999). *Parakeelya*: A new genus segregated from *Calandrinia* (Portulacaceae). *Phytologia* 84(2): 98-106. [Dated 1998, received April 1999 at Z.]

[217] Hershkovitz, M. A. & Zimmer, E. A. (2000). Ribosomal DNA evidence and disjunctions of western American *Portulacaceae*. *Molec. Phylogen. Evol.* 15(3): 419-439.

[218] Heyne, C. O. (2000). A key to the American *Asclepiad* genera. *Asklepios* No. 79: 29-36, key, ill.

[219] Hicks, D. J. & Mauchamp, A. (2000). Population structure and growth patterns of *Opuntia echios* var. *gigantea* along an elevational gradient in the Galapagos Islands. *Biotropica* 32(2): 235-243.

[220] Hill, A. (ed.) (2000). *Opuntia glomerata*, *andicola* and *hypogaea*. *Tephrocactus Study Group* 6(3): 400-403.

[221] Hillmann, R. (2000). *Notokakteen* bei Nova Palma. *Internoto* 21(4): 139-144, ill. [On *Notocactus megapotamicus* and *N. incomptus*.]

[222] Hils, A. (2000). Erste Erfahrungen mit *Notohybriden*. *Internoto* 21(1-2): 52-54, ill.

[223] Hochstätter, F. (2000). *Yucca* I (*Agava-*

*ceae*) in the Southwest and Midwest of the USA and Canada. Mannheim (D): Published by the author. 256 pp., ill., maps, key.

[224] Hochstätter, F. (2000). Weitere Arten aus der Gattung *Sclerocactus*. *Kakt. and. Sukk.* 51(3): 75-81, ill.

[225] Hochstätter, F. (2000). *Sclerocactus whipplei* – eine weitere Art aus der Gattung *Sclerocactus*. *Kakt. and. Sukk.* 51(5): 127-131, ill.

[226] Hochstätter, F. (2000). *Yucca* (*Agavaceae*). Dehiscent-fruited species. Section *Chaenocarpa* – Serie *Rupicolae*. *Kaktusblüte* 2000: 21-27, ill., key, map.

[227] Hochstätter, F. (2000). Il genere *Yucca* L. (*Agavaceae*). I. parte. *Piante Grasse* 20(2): 52-76, ill., maps. [Probably a translation from the book "Yucca I" published in 2000 by the author. Continued in l.c. 21(1), 2001.]

[228] Hochstätter, F. (2000). Het geslacht *Yucca* (*Agavaceae*). Deel 5. Sectie *Hesperoyucca*, *Yucca whipplei*. *Succulenta* 79(1): 32-43, ill., key, map. [Continued from vol. 78; continued in vol. 80.]

[229] Hoes, F. (1999). *Muiria hortenseae* on farm Springfontein. *Mesemb Study Group Bull.* 15(4): 77-78, ill.

[230] Hofacker, A. (2000). *Gymnocalycium buenekerii* Swales, an interesting species from southern Brazil. *Cact. Aventures* No. 48: 12-15, ill.

[231] Hofacker, A. (2000). Distribution records for various *Parodia* taxa: Some corrections and additions. *Cact. Syst. Init.* No. 10: 12.

[232] Hofacker, A. (2000). *Parodia fusca* (F. Ritter) Hofacker & P. J. Braun – eine schwierig zu kultivierende Pflanze aus Südbrasilien. *Kakt. and. Sukk.* 51(12): 327-331, ill.

[233] Hofacker, A. (2000). Der Formenkreis um *Parodia nothominuscula* Hofacker. *Kakt. and. Sukk.* 51(9): 233-236, ill., SEM-ills.

[234] Hofmann, B. (2000). *Mammillaria prolifera* (Miller) Haw. oder *Mammillaria pusilla* (De Candolle) Sweet? *Mitteilungsbl. AfM* 24(1): 23-25, 27, 29, 32, ill.

[235] Hofmann, B. (2000). Gehört *M.[ammillaria] coahuilensis* wirklich in die Reihe *Mammillaria*? *Mitteilungsbl. AfM* 24(2): 98-100, ill. (p. 93).

[236] Hofmann, B. (2000). Am Standort von *Mammillaria magnifica*. *Mitteilungsbl. AfM* 24(4): 183-187, ill. (cover, pp. 200, 202-203).

[237] Holland, C. (2000). *Pediocactus bradyi* Benson and its subordinate taxa – a brief introduction. *Pediocactus bradyi* Benson und ihre untergeordneten Taxa – eine kurze Einführung. *Cactaceae Rev.* 3(2): 4-10, ill.

[238] Homer, H. T. & al. (2000). Ascorbic acid:

A precursor of oxalate in crystal idioblasts of *Yucca torreyi* in liquid root culture. *Int. J. Pl. Sci.* 161(6): 861-868.

[239] Howard, C. (2000). Hunting the Cardoncillo on Gran Canaria. *Brit. Cact. Succ. J.* 18(1): 13-18, ills. [On *Ceropegia fusca*.]

[240] Hoxey, P. & Middleditch, H. (ed.) (2000). Finding which sort of *Espositoa*. *Chileans* 18(58): 16-24, ills., map.

[241] Höfelein, H. (2000). *Turbincarpus mombergeri*: Eine Hybridform? Kulturbeobachtungen und Nachzuchtversuch. *Mittelstachel* No. 16: 429-431, ills.

[242] Hudson, J. H. (2000). Pigmy-Weed (*Cras-sula aquatica* (L.) Schonel.) and Spurrey Knot-weed (*Polygonum spergulariaeforme* Meisn.) new to Saskatchewan, and comments on five other rarities found 1998-1999. *Blue Jay* 58(3): 129-136.

[243] Hudson, J. H. (2000). Four introduced species new to Saskatchewan from the 1990s. *Blue Jay* 58(2): 91-94. [Includes a report of *Sedum telephium* (Cras-sulaceae).]

[244] Humphries, S. A. & Addicott, J. F. (2000). Regulation of the mutualism between Yuccas and Yucca Moths: Intrinsic and extrinsic factors affecting flower retention. *Oikos* 89(2): 329-339.

[245] Hunt, D. R. (2000). Notes and comments on Navarro's Catálogo ecológico preliminar de las cactáceas de Bolivia. *Cact. Syst. Init. No.* 10: 23-29.

[246] Hunt, D. R. (2000). Rejection of untypifiable names. *Cact. Syst. Init. No.* 10: 4-5.

[247] Hunt, D. R. (2000). Notes on miscellaneous genera of *Cactaceae* subfam. *Cactoideae*. *Cact. Syst. Init. No.* 9: 13-18.

[248] Hunt, D. R. (2000). CCC2 misprints, corrections and updates. *Cact. Syst. Init. No.* 9: 29-32.

[249] Hunt, D. R. & Iliff, J. (2000). Further justification for *Tunilla* D. Hunt & Iliff. *Cact. Syst. Init. No.* 10: 8-9, SEM-ills.

[250] Hunt, D. R. & Iliff, J. (2000). *Tunilla*: A new generic name for the "Airampo Group". *Cact. Syst. Init. No.* 9: 8-12.

[251] Huth, C. J. & Pellmyr, O. (2000). Pollen-mediated selective abortion in Yuccas and its consequences for the plant-pollinator mutualism. *Ecology* 81(4): 1100-1107.

[252] Ibsch, P. L. & al. (2000). Ecology, biogeography and diversity of the Bolivian epiphytic cacti – with the description of two new taxa. *Bradleya* 18: 2-30, maps, ills.

[253] Iliff, J. (2000). Notes on the typification of several Opuntioids. *Cact. Syst. Init. No.* 10: 6-7.

[254] Iliff, J. (2000). New types in *Opuntia*

sens.lat. *Cact. Syst. Init. No.* 9: 5-7.

[255] Illert, W. E. (2000). Sukkulenland-schaften auf den Kleinen Antillen. *Kakt. and Sukk.* 51(11): 295-298, ills.

[256] Immelman, K. L. (2000). FSA contribu-tions 15: *Piperaceae*. *Bothalia* 30(1): 25-30, key, maps, ills.

[257] Jaarsveld, E. J. van (2000). *Saphesia flaccida* – a conservation status update. *Brit. Cact. Succ. J.* 18(2): 108-109, ills.

[258] Jaarsveld, E. J. van (2000). Les richesses succulentes de l'Afrique australe en 7 biomes. *Suc-culentés* 23(1): 19-32, ills.

[259] Jaarsveld, E. van & al. (2000). Succu-lents of South Africa. Cape Town (RSA): Tafelberg Publishers. 144 pp., ills., maps.

[260] Jalas, J. & al. (1999). Atlas Florae Europaeae. Distribution of vascular plants in Europe. Vol. 12. Helsinki (FI): Committee for Mapping the Flora of Europe; Societas Biologica Fennica Vanamo. [*Cras-sulaceae*: pp. 40-127, maps. Omitted previously.]

[261] James, G. (2000). A journey to the Island of Soqotra. Part 1 / Part 2. *Cact. Succ. J.* (US) 72(3): 148-152, (4): 215-223, ills., map.

[262] Janeba, Z. (2000). Poznámky k *Opuntia bonnieae* (D. J. Ferguson & R. Kiesling) J. J. Hal-da & Z. Janeba. *Kaktusy* 36(4): 102-104, ills.

[263] Janeba, Z. (2000). *Opuntia (Maihueniop-sis) minuta?* *Tephrocactus Study Group* 6(2): 382-384, ills. [On a possible site in La Rioja, Ar-gentina.]

[264] Jankalski, S. (2000). "Crown of Thorns" hybrids – past and present. *Cact. Succ. J.* (US) 72(4): 202-204.

[265] Jankalski, S. (2000). *Sarcopilea*, a little-known succulent. *Cact. Succ. J.* (US) 72(6): 313-314, ills.

[266] Jantschgi, G. (2000). *Turbincarpus laui* – ein Verbindungsglied zwischen *knuthianus* und *lophophoroides*? *Turbi-Now* No. 7: 1, 3-13, 16, ills., maps; No. 8: 27-32, ills. [No. 7 dated Dec. 1999, received 21. Feb. 2000.]

[267] Jeanmonod, D. (ed.) (2000). Notes et contributions à la flore de Corse, XVI. *Candollea* 55(1): 41-74, maps. [Data on the neophyte *Sedum acre* (p. 54).]

[268] Johnson, M. B. (2000). Observations on some Chihuahuan Desert Yuccas. *Desert Pl.* 16(1): 14-19, ills.

[269] Jonkers, B. (2000). The *Caralluma* with the golden flowers. *Brit. Cact. Succ. J.* 18(3): 118-128, ills., map.

[270] Jordan, J. D. (2000). A key to the Zim-babwe Aloes. *Excelsa* No. 19: 19-26. [Dated Dec. 1999, received July 2000.]

- [271] Jordan, J. D. (2000). Some thoughts on the evolution of *Aloe*. *Excelsa* No. 19: 61-66. [Dated Dec. 1999, received July 2000.]
- [272] Jorgensen, T. H. & Olesen, J. M. (2000). Growth rules based on the modularity of the Canarian *Aeonium* (*Crassulaceae*) and their phylogenetic value. *Bot. J. Linn. Soc.* 132(3): 223-240, ill. [Publication date erroneously given as 1999 in RPS 50.]
- [273] Käisinger, F. (2000). Parodien zwischen Catamarca und Andalgala. *Mitteilungsbl. Inter-Parodia-Kette* No. 14: 3-7, ill.
- [274] Käisinger, F. (2000). Parodien der Sierra de Ancasti. *Mitteilungsbl. Inter-Parodia-Kette* No. 15: 6-8, ill.
- [275] Katinas, L. & Crisci, J. V. (2000). Cladistic and biogeographic analyses of the genera *Moscharia* and *Polyachyrus* (*Asteraceae*, *Mutisieae*). *Syst. Bot.* 25(1): 33-46, ill., map.
- [276] Kessler, M. (2000). Elevational gradients in species richness and endemism of selected plants groups in the central Bolivian Andes. *Pl. Ecol.* 149(2): 181-193.
- [277] Kiesling, R. & Mauseth, J. (2000). History and taxonomy of *Neoraimondia herzogiana* (*Cactaceae*). *Haseltonia* 7: 47-52, ill.
- [278] Kiessling, M. & Pöschl, J. (2000). *Tephrocactus* und andere Feigenkakteen. *Tephrocactus* and other Prickly Pears. Schnaitsee (D): Published by the author. 319 pp., ill. [Though not indicated as new names, the book contains a number of cryptic combinations, which, after consultation with the IK Team at Kew, should be interpreted as validly published under the Code, even though the basionym citation is most unusual.]
- [279] Kim, C. H. & al. (2000). [Korean:] Taxonomic identities of some endemic Korean vascular plants. *Korean J. Pl. Taxon.* 30(4): 355-361. [Includes taxa of *Sedum*.]
- [280] Klak, C. (2000). *Psilocaulon* N. E. Br.: A common but little known genus from southern Africa. *Aloe* 36(4): 75-79, ill., map, key. [Dated 1999, publ. June 2000.]
- [281] Klak, C. (2000). Taxonomic studies in the *Aizoaceae* from South Africa: Three new species and some new combinations. *Bothalia* 30(1): 35-42, ill., maps.
- [282] Knowles, L. & Witkowski, E. T. F. (2000). Conservation biology of the succulent shrub, *Euphorbia barnardii*, a serpentine endemic of the Northern Province, South Africa. *Austral Ecol.* 25(3): 241-252.
- [283] Kobayashi, A. (2000). Cacti and succulents in Japan. Part 4A / 4B: Chimeras and others. *Cact. Succ. J. (US)* 72(1): 4-13, (2): 71-79, ill.
- [284] Kobayashi, N. & al. (2000). Betalains from Christmas Cactus. *Phytochemistry* 54(4): 419-426.
- [285] Kock, D. de (2000). Views on the Stapeliads: The species and genus concepts. *Asklepios* No. 80: 26-28.
- [286] Kock, D. de (2000). Views on the Stapeliads: The complete checklist of the Stapeliads (*Ceropegieae: Asclepiadoideae*) – Part 1. *Asklepios* No. 80: 29-36. [Continued in No. 81.]
- [287] Köllner, G. (1998). Notiz zur Bildung bedornter Früchte bei Pflanzen der Gattung *Lobivia*. *Inform.-brief Freundeskreis Echinopseer* No. 25: 12-13, ill. [Omitted previously.]
- [288] Kurzweil, H. & Smith, G. F. (2000). Les Orchidées succulents d'Afrique du Sud: un synopsis mis à jour. *Succulentes* 23(4): 24-32, ill. [Updated text, original version first published in *Aloe* 32(2): 40-43, 1995.]
- [289] Lambert, J. (2000). De kleurenpracht van *Trichocereus pseudocandicans*. *Succulenta* 79(5): 211-214, ill.
- [290] Lambert, J. (2000). *Airamopoe* bloeien in de kas. *Succulenta* 79(6): 256-259, ill.
- [291] Lampo, F. (2000). Nog een vindplaats van *Pediocactus despainii*. *Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl.* 13(11): 162-168, ill.
- [292] Lampo, F. (2000). *Coryphantha macromeris* Diers [sic!]. *Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl.* 13(11): 170-173, ill. [Includes distribution information.]
- [293] Landrum, J. V. (2000). Effects of hormones on wide-band tracheid expression in stems of *Anacampseros* (*Portulacaceae*). Light intensity as the primary factor for wide-band tracheid initiation and development in stems of *Anacampseros* (*Portulacaceae*). *Amer. J. Bot.* 87(6: Abstr.): 36 (Abstracts 111, 112).
- [294] Lane, S. (2000). The Aloes of Malawi. *Aloe* 37(2-3): 36-37, ill.
- [295] Lange, M. (2000). *Echinocereus pulchellus* – seine Unterarten und Formen. *Kakt. and. Sukk.* 51(4): 88-93, ill., map.
- [296] Lange, M. (2000). *Neowerdermannia vorwerkii* – Wissenswertes über einen essbaren Kaktus. *Kakt. and. Sukk.* 52(1): 11-13, ill. [Dated 2001, publ. 23. 12. 2000.]
- [297] Lautner, J. (2000). *Disocactus flagelliformis* (Linné) Barthlott. *Kakt. and. Sukk.* 51(11): 306-307, ill. [On a locality in the state of Hidalgo.]
- [298] Lavranos, J. J. & Collette, S. (2000). New Aloes from Saudi Arabia. *Cact. Succ. J. (US)* 72(1): 17-24, (2): 82-88, ill.
- [299] Lawant, P. & Suntjens, R. (2000). Die seltene *Euphorbia handiensis* am Scheideweg: To be or not to be? *Avonia* 18(1): 11-16, ill.
- [300] Lee, Y. N. (1998). Flora of Korea. Seoul (Korea): Kyo-Hak Publishing Co. Ed. 3. [*Crassulaceae*: pp. 268-277, ill. Publication details in

doubt; a leaflet placed on the inside back cover gives the date as 1996, but the 2. text-line on the same leaflet identifies this as the 3. Ed., publ. 1998, and 1996 corresponds to Ed. 2.]

[301] Lee, Y. N. & Lee, K. A. (2000). [Korean:] *Orostachys* in Korea. Bull. Korea Pl. Res. No. 1: 31-47, ills., key.

[302] Leistner, O. A. (ed.) (2000). Seed plants of southern Africa: Families and genera. Pretoria (RSA): National Botanical Institute. 775 pp., keys. [= *Strelitzia* No. 10.]

[303] Lenz, L. W. & Hanson, M. A. (2000). Typification and change in status of *Yucca schottii* (*Agavaceae*). *Aliso* 19(1): 93-98, ills.

[304] Leuenberger, B. E. (2000). *Harrisia regelii* (Weingart) Borg and the discovery of its Argentinian origin. *Haseltonia* 7: 86-91, ills., map.

[305] Leuenberger, B. E. (2000). Confirmation of the authorship of *Cereus martinii* Labour., basionym of *Harrisia martinii* (*Cactaceae*). *Willdenowia* 30(1): 147-153, ill.

[306] Leuenberger, B. E. & Egli, U. (2000). The genus *Eulychnia* (*Cactaceae*) in Chile: Notes on the taxonomy, types, and other old specimens. *Haseltonia* 7: 63-76, ills.

[307] Lewin, G. M. (2000). [Russian:] Formation of species in arid zones (with succulents as example). *Sukkulenty* 3(1-2): 2-11.

[308] Lichtenzweig, J. & al. (2000). Cytology and mating system in the climbing cacti *Hylocereus* and *Selenicereus*. *Amer. J. Bot.* 87(7): 1058-1065.

[309] Linzen, T. (2000). *M.[ammillaria] schmollii* (Bravo) Wedermann) ist kein Synonym der *M. discolor* Haworth! *Mitteilungsbl. AfM* 24(4): 206-209, ills.

[310] Lodé, J. (2000). The Island of Cerralvo in Baja California. *Cact. Aventures* No. 45: 6-11, ills.

[311] Lodé, J. (2000). Adventures in El Salvador. *Cact. Aventures* No. 46: 2-8, ills., map. [Includes a species list of succulents and cacti.]

[312] Lodé, J. (2000). Cacti and succulents of Cuba. *Cact. Aventures* No. 47: 6-15, ills., map.

[313] Lodé, J. (2000). Botswana. Adventures in the Kalahari. *Cact. Aventures* No. 48: 2-11, ills., map. [Includes a checklist of Botswanan succulents.]

[314] Lodé, J. (2000). *Aloe porphyrogenetos* [sic], for *A. porphyrostachys*] Lavranos & Collette. *Cact. Aventures* No. 48: 29, ill.

[315] Longman, V. M. & al. (2000). *Bryophylum delagoense* (*Crassulaceae*): A new weed for Western Australia and a potentially serious problem for the Abrolhos Islands. *Nuytsia* 13(2): 399-401.

[316] Lowry, M. (2000). A remarkable find at Yavi. *Brit. Cact. Succ. J.* 18(4): 212-216, ills. [On a natural *Oreocereus* × *Lobivia* hybrid.]

[317] López Chávez, L. G. (2000). Una nueva localidad para *Echeveria sedoides* E. Walther y su descripción complementaria. *Cact. Suc. Mex.* 44(4): 101-103, ill., map. [Dated 1999, publ. 2000.]

[318] Lutz, E. (2000). *Echinocereus fendleri* – immer wieder überraschend variabel. *Echinoce-reenfreund* 13(1): 9-11, ills.

[319] Lutz, E. (2000). Was ist eigentlich *Echino-cereus apachensis*? *Echinoceerenfreund* 13(2): 33-38, ills.

[320] Lutz, E. (2000). Mammillarien im Süden der USA. *Mitteilungsbl. AfM* 24(1): 5-16, 26, 28, 30-31, (3): 129-144, 146, 148, 151, ills., maps.

[321] Lüthy, J. M. (2000). Another amplification of the genus *Neolloydia*? Some necessary comments and corrections. *Cact. Syst. Init. No.* 10: 13-15.

[322] Lüthy, J. M. (2000). Some comments on the mysterious 'Mandrake Cactus' and the new genus *Lodia*. *Cact. Syst. Init. No.* 10: 15-18, SEM-ills.

[323] Lüthy, J. M. (2000). *Ariocarpus fissuratus*. Una specie variabile. A variable species. *Cactus & Co.* 4(4): 192-202, ills. [Received 8. Feb. 2001 at ZSS and thus probably only published early in 2001. *Erratum* l.c. 5(1): 3, 2001.]

[324] Lüthy, J. M. (2000). *Mammillaria zephyranthoides* und ihre taxonomische Geschichte. *Kakt. and. Sukk.* 51(3): 57-64, ills.

[325] Lüthy, J. M. (2000). Zum Status von *Mammillaria tepexicensis* J. Meyrán. *Kakt. and. Sukk.* 51(7): 169-171, ills.

[326] Lüthy, J. M. (2000). Glasig-weiss bedornte "Gymnokakteen" aus Nordmexiko im Vergleich. *Turbinicarpus mandragora* neu klassifiziert. *Turbi-Now* No. 8: 1, 3-14, 19-26, ills., map.

[327] Machado, M. (2000). *Euphorbia phosphorea* – the largest growing Brazilian euphorbia. *Brit. Cact. Succ. J.* 18(3): 151-158, ills., diag. [German translation in *Avonia* 18(1): 1-10, ills., 2000.]

[328] Machado, M. (2000). *Euphorbia apparicana* Rizzini. *Euphorbiaceae Study Group Bull.* 13(2): 73-86, ills.

[329] Machado, M. F. P. S. & al. (2000). Somatic crossing-over can induce isozyme variation on somaclones of *Cereus peruvianus* Mill. (*Cactaceae*). *Haseltonia* 7: 77-80, ills.

[330] Mandujano, M. C. & Golubov, J. (2000). *Opuntia bradtiana* en la zona calcárea del Bolsón de Mapimi, México. *Cact. Suc. Mex.* 45(3): 66-68, ill. (back cover).



- [331] Manning, J. C. & Smith, G. F. (2000). The genus *Poellnitzia* included in *Astroloba*. *Bothalia* 30(1): 53.
- [332] Marais, E. M. (1999). The taxonomic position of *Pelargonium appendiculatum* (*Geraniaceae*). *South Afr. J. Bot.* 65(5-6): 404-406, ills., map.
- [333] Marr, D. L. & al. (2000). Pollen dispersal in *Yucca filamentosa* (*Agavaceae*): The paradox of self-pollination behavior by *Tegeticula yuccasella* (*Proxidae*). *Amer. J. Bot.* 87(5): 670-677.
- [334] Martin, C. E. & Wallace, R. S. (2000). Photosynthetic pathway variation in leafy members of two subfamilies of the *Cactaceae*. *Int. J. Pl. Sci.* 161(4): 639-650, diags.
- [335] Martin, C. E. & Willert, D. J. von (2000). Leaf epidermal hydathodes and the ecophysiological consequences of foliar water uptake in species of *Crassula* from the Namib Desert in southern Africa. *Pl. Biol.* 2(2): 229-242, ills.
- [336] Martin, V. F. (2000). *Euphorbia dendroides* – a follow-up. *Cact. Succ. J. (US)* 72(4): 213-214, ills.
- [337] Martínez Cruz, M. & al. (2000). Obtención y caracterización de betalainas en *Opuntia decumbens* Salm-Dyck. *Cact. Succ. Mex.* 45(1): 15-21, diags.
- [338] Martínez-Avalos, J. G. & Suzan-Azpiri, H. (2000). Geographic distribution patterns of the genus *Ariocarpus* (*Cactaceae*) in Tamaulipas, Mexico. *Sida* 19(1): 175-183.
- [339] Matuszewski, G. (2000). *Coryphantha clavata* v. *ancistracantha*. *Mitteilungsbl. AFM* 24(2): 71-72, ills. (pp. 86, 88).
- [340] Mayer, R. (2000). *Echinocereus viridiflorus* var. *davisi* fa. *brevispinus*? *Succulenta* 79(3): 119-121, ills. [On spine variability.]
- [341] Mays, H. (2000). An alternative use for flowers of *Gasteria disticha*. *Haworthiad* 14(3): 102-103, ills. (p. 100).
- [342] Mazzola, P. (1999). Osservazioni su alcune succulente spontaneizzate in Sicilia. *Nuovo Giorn. Bot. Ital.* 115: 407.
- [343] McLaughlin, S. P. & al. (2000). Allocation of resources to flowering and fruit production in *Hesperaloe funifera* (*Agavaceae*). *J. Arid Environm.* 46(2): 99-110.
- [344] Medina-Cota, J. M. & Barrios-Rodríguez, M. A. (2000). Notas sobre cactáceas y suculentas de interés en la cuenca baja del río Fuerte, Municipio de Ahome, Sinaloa, México. *Cact. Succ. Mex.* 44(4): 94-100, map. [Dated 1999, publ. 2000.]
- [345] Meeuse, A. D. J. & Welman, W. G. (2000). *Convolvulaceae*. In: Germishuizen, G. (ed.): *Flora of Southern Africa*, Vol. 28: Part 1. Pretoria (RSA): National Botanical Institute. vii + 138 + 5 pp., ills., keys, maps.
- [346] Meregalli, M. (2000). Pianta succulente di La Palma. *Succulents in La Palma*. *Cactus & Co.* 4(1): 5-11, ills.
- [347] Meve, U. (2000). Die Gattungszugehörigkeit von *Stapelia miscella* N. E. Brown. *Kakt. and. Sukk.* 51(7): 183-188, ills.
- [348] Meyrán, J. (2000). Travesías por la porción sur de la Barranca del Río Amajac [Hidalgo]. *Cact. Suc. Mex.* 45(2): 40-47, ills.
- [349] Méndez, E. (2000). Hibridación natural entre *Trichocereus candicans* y *T. strigosus* en la provincia de Mendoza (Argentina). *Hickenia* 3(21): 73-76, ills.
- [350] Miazza, R. (2000). Les *Pachypodium* de Madagascar. *Succulentes* 23(2): 23-29, ills., maps, key.
- [351] Middleditch, H. (ed.) (2000). *Opuntia hypogaea*, *O. glomerata*. *Chileans* 17(57): 100-109, ills.
- [352] Middleditch, H. (ed.) (2000). *Cintia* flowers and sets fruit. *Chileans* 17(57): 113-117.
- [353] Middleditch, H. (ed.) (2000). *Trichocereus schickendantzii*. *Chileans* 17(57): 130-138, ills.
- [354] Middleditch, H. (ed.) (2000). *Cephalocereus guentheri*. *Chileans* 17(57): 143-147, cover ill.
- [355] Middleditch, H. (ed.) (2000). Friedrich Schickendantz. *Chileans* 18(58): 35-39. [Biographical data including information on possible collection sites of various cacti.]
- [356] Mies, B. A. (2000). Interessante Euphorbiaceen der Insel Sokotra (Jemen, Horn von Afrika). *Avonia* 18(1): 17-29, ills., maps. [Part 2 published in *I.c.* 18(2), 2001.]
- [357] Mies, B. A. & al. (2000). Frankincense on Soqotra Island (*Boswellia*, *Burseraceae*; Yemen). *Cact. Succ. J. (US)* 72(5): 265-278, ills., maps, key.
- [358] Mikhaltsov, A. (2000). [Russian:] Classification of variegated cacti. *Kaktus Klub* 2000(5): 4-11, ills.
- [359] Mishiba, K.-I. & Mii, M. (2000). Polysomaty analysis in diploid and tetraploid *Portulaca grandiflora*. *Pl. Sci. (Elsevier)* 156(2): 213-219.
- [360] Misra, D. K. & Singh, N. P. (2000). Status survey of endemic species of *Ceropegia* L. in Maharashtra. In: Gupta, B. K. (ed.): *Higher plants of Indian subcontinent*; 9: 17-32. Dehra Dun (India): Bishen Singh Mahendra Pal Singh.
- [361] Misra, D. R. & Singh, L. J. (2000). Anatomical diversity of roots of *Sansevieria suffruticosa* Brown. *Bionature* 20(1-2): 23-45.
- [362] Mitich, L. W. (2000). Tobusch's Fishhook Cactus (*Ancistrocactus tobuschii*). *Cact. Succ. J. (US)* 72(5): 256.

- [363] Mitich, L. W. (2000). Charles Russell Orcutt's links to the genus *Mammillaria*. *J. Mammillaria Soc.* 40(3): 40-41, ill.
- [364] Mondragon-Jacobo, C. & al. (2000). DNA extraction from several cacti. *HortScience* 35(6): 1124-1126.
- [365] Monje, P. V. & Baran, E. J. (2000). First evidence of the bioaccumulation of alpha-quartz in *Cactaceae*. *J. Pl. Physiol.* 157(4): 457-460.
- [366] Montiel, S. & Montana, C. (2000). Vertebrate frugivory and seed dispersal of a Chihuahuan Desert cactus. *Pl. Ecol.* 146(2): 221-229.
- [367] Moran, R. (2000). *Rhodiola integrifolia* Raf. – a rambling account, with two new combinations. *Cact. Succ. J. (US)* 72(3): 137-139, ill.
- [368] Moran, R. (2000). *Sedum makinoi* Maxim. *Cact. Succ. J. (US)* 72(4): 201, ill.
- [369] Moran, R. (2000). *Hylotelephium pluricaule* (*Crassulaceae*), with digressions into name changes, oriental wanderings, et just plain cetera. *Cact. Succ. J. (US)* 72(5): 240-242, ills.
- [370] Moran, R. (2000). Circumcision in *Cotyledon*: With thoughts on what is *Cotyledon*, and on how A. P. de Candolle was right all along and they should have listened. *Cact. Succ. J. (US)* 72(6): 306-308, ills.
- [371] Moran, R. (2000). *Hylotelephium viviparum* (Maxim.) H. Ohba in South Korea. *Cact. Succ. J. (US)* 72(6): 325-327, ills.
- [372] Moreton, R. (2000). Tephrocacti in northern Chile. Part 2. *Tephrocactus Study Group* 6(1): 366-369, 376, ills.
- [373] Mort, M. E. & al. (2000). Phylogenetics and evolution of *Aeonium* (*Crassulaceae*) and related genera on the Canary Islands. *Amer. J. Bot.* 87(6: Abstr.): 145 (Abstract 425).
- [374] Mort, M. E. & al. (2000). Phylogenetic relationships and evolution of *Crassulaceae* inferred from matK sequence data. *Amer. J. Bot.* 88(1): 76-91, diags.
- [375] Mosco, A. & Zanovello, C. (2000). The Mandrake Cactus: A mystery plant. *Bradleya* 18: 41-44, ills.
- [376] Mosco, A. & Zanovello, C. (2000). A phenetic analysis of the genus *Turbincarpus*. *Bradleya* 18: 45-70, ills., key.
- [377] Mosti, S. (2000). *Digitorebutia Buining & Donald* (2) / (3). *Cactus & Co.* 4(1): 36-50, (2): 87-102, ills. [Continued from Vol. 3. Errata to part 1 on p. 50, to parts 1 and 2 on p. 100, as well as p. 155.]
- [378] Mottram, R. (2000). *Haworthia pumila, margaritifera*, or what? *Haworthiad* 14(1): 22-24, (2): 45 [postscript].
- [379] Mottram, R. (2000). *Mammillaria eschanzieri* and *M. nana*, etc. *J. Mammillaria Soc.* 40(1): 7-8.
- [380] Mottram, R. (2000). Further commentary on *Mammillaria eschanzieri*. *J. Mammillaria Soc.* 40(4): 55.
- [381] Mucha, A. & Sobka, H. (2000). Rodzaj *Parodia* Spegazzini. *Swiat Kakt.* 34(1-2): 3-30, ills., pl.
- [382] Müller, H. (2000). Blütenvariabilität an *Ferocactus rectispinus*. *Kakt. and. Sukk.* 51(8): 206-207, ills.
- [383] Müller-Doblies, U. & Müller-Doblies, D. (1997). A partial revision of the tribe *Massonieae* (*Hyacinthaceae*). 1. Survey, including three novelties from Namibia: A new genus, a second species in the monotypic *Whiteheadia* and a new combination in *Massonia*. *Feddes Repert.* 108(1-2): 49-96, ills., keys. [Omitted previously.]
- [384] Neuhuber, G. J. A. (2000). *Gymnocalycium nigriareolatum* Backeberg. Die schönsten Fundorte Teil 1 / Teil 2. *Gymnocalycium* 13(3): A-B, (4): A-B, ills. [Included for the illustrations. Continued in vol. 14.]
- [385] Neumann, K. (2000). *Echinocereus stramineus* und *Echinocereus stramineus* ssp. *occidentalis*. *Kaktusblüte* 2000: 11-14, ills.
- [386] Newton, L. E. (2000). The type of *Euphorbia milii* Des Moulins. *Cact. Succ. J. (US)* 72(4): 206-207, ill.
- [387] Niemeier, W. (2000). Chimären – selten, aber es gibt sie doch. *Kakt. and. Sukk.* 51(11): 285-286, ills. [On the chimaera involving *Gymnocalycium friedrichii* fa. *rubra* and *Hylocereus grafting* stock.]
- [388] Niklas, K. H. & al. (2000). Wood biomechanics and anatomy of *Pachycereus pringlei*. *Amer. J. Bot.* 87(4): 469-481.
- [389] Nitzschke, S. (2000). *Turbincarpus horripilus* ssp. *wrobelianus* Nitzschke & Anaya Montes – een nadere voorstelling. *Succulenta* 79(4): 177-181, ills., SEM-ills.
- [390] Noscov, V. (2000). [Russian:] Some systems of the genus *Astrophytum*. *Kaktus Klub* 2000(3): 8-12, (5): 12-15, ill.
- [391] Nyffeler, R. (2000). Should *Pfeiffera* be resurrected? *Cact. Syst. Init. No.* 10: 10-11, ills.
- [392] Nyffeler, R. & Eggli, U. (2000). Phylogenetic relationships and diversification of the columnar and globular cacti of Chile (*Cactaceae* – *Cactoideae*). *Amer. J. Bot.* 87(6: Abstr.): 147 (Abstract 430).
- [393] Nyffeler, R. & Eggli, U. (2000). Similarity is only skin-deep: The use of comparative plant anatomy as illustrated by a study of columnar cacti from Chile (*Eulychnia* and *Echinopsis*, *Cactaceae*). *Bot. Helv.* 110(1): 1-10, ills.
- [394] O'Leary, M. C. & Boyle, T. H. (2000). Diversity and distribution of isozymes in a *Schlumbergera* (*Cactaceae*) clonal germplasm collection. *J. Amer. Soc. Hort. Sci.* 125(1): 81-85.

- [395] Odehnal, J. (2000). *Gymnocalycium pflanzii* var. *millaesii* (Card.) Donald. *Gymnofil* 28(3-4): 1-5, ills.
- [396] Odehnal, J. (2000). *Lobivia pugionacantha* v. *versicolor* (Rausch) Rausch 1975. *Kaktusy* 36(4): 119-120, ills. (p. 128). [On variability.]
- [397] Oeser, R. & Köllner, G. (2000). *Weingartia* (*Cumingia*) *torotorensis*? Inform.-brief Freundeskreis Echinopseen No. 29: 13-15, 18-19, ills. [Cont. in l.c. No. 30, 2001.]
- [398] Ohba, H. & al. (2000). A taxonomic note on *Sinocrassula paoshingensis* (S. H. Fu) H. Ohba et al. and *Sedum indicum* (Decne.) Berger var. *luteorubrum* Praeger (*Crassulaceae*). *J. Jap. Bot.* 75(5): 296-302, ills.
- [399] Ohba, H. & al. (2000). New combinations in *Pheidimus* (*Crassulaceae*). *Novon* 10(4): 400-402.
- [400] Opel, M. (1999). Observations on some Richtersveld Conophytums. *Mesemb Study Group Bull.* 15(4): 74-76.
- [401] Ostolaza, C. (2000). *Haageocereus tenuis* and *H. repens* - rescued Peruvian cacti. *Brit. Cact. Succ. J.* 18(3): 129-131, ills.
- [402] Ostolaza, C. (2000). Los Cactus de Linneo (3). *Quepo* 14: 6-10, ills. [Continued from vol. 13.]
- [403] Ostolaza, C. (2000). Les Cactées de Cajamarca. *Succulentes* 23(3): 10-20, ills.
- [404] Palmer, H. (2000). Neue Farbvarianten bei Noto-Hybriden. *Internoto* 21(4): 133-138, ills.
- [405] Papsch, W. (2000). Namensverzeichnis für die Gattung *Gymnocalycium* Pfeiffer ex Mittler. Korrektur und Ergänzung. *Gymnocalycium* 13(1): 351-354. [Main publication: l.c. 12(5): 313-342, 1999.]
- [406] Papsch, W. (2000). Die pampinen *Gymnocalycien*. 2. *Gymnocalycium reductum* ssp. *leanum* (Hooker) Papsch. *Gymnocalycium* 13(3): 363-372, ills. [Part 1: l.c. 10(4), 1997. Continued in vol. 14.]
- [407] Paredes Aguilar, R. & al. (2000). *Cactáceas de Sonora, México: Su diversidad, uso y conservación*. Tucson (US: AZ): Arizona-Sonora Desert Museum Press / IMADES. xv + 143 pp., ills., + 64 col. pl.
- [408] Pavelka, P. (2000). Nové údaje k *Conophytum cubicum* Pavelka a dalsím [New information on *C. cubicum* and others]. *Kaktusy* 36(4): 126-127, ills.
- [409] Pavon, N. P. & al. (2000). Distribution of plant life forms along an altitudinal gradient in the semi-arid valley of Zapotitlan, Mexico. *J. Veg. Sci.* 11(1): 39-42.
- [410] Pérez Ishiwara, R. & Baqueiro, M. F. (2000). *Senecio praecox* (Cav.) DC. var. *praecox*: Toda una vida impresa en su arquitectura. *Cact. Suc. Mex.* 45(3): 62-65, diag., ill. (inside back cover).
- [411] Perndl, H. (2000). TCG-Liste 2000. Turbi-Now No. 8: 15-18. [A list of *Turbincarpus* accessions with crude locality data.]
- [412] Perveen, A. & Kaiser, M. (2000). Pollen flora of Pakistan: 19. *Aizoaceae*. *Turk. J. Bot.* 24(1): 29-33, ill.
- [413] Pfab, M. F. & Witkowski, E. T. F. (1999). Contrasting effects of herbivory on plant size and reproductive performance in two populations of the critically endangered species, *Euphorbia clivicola* R. A. Dyer. *Pl. Ecol.* 145(2): 317-325.
- [414] Philcox, D. (1999). *Crassulaceae*. In: Dassanayake, M. D. (ed.): *A revised handbook of the Flora of Ceylon*; 13: 61-64, key. Rotterdam (NL) / Brookfield (US: VT): A. A. Balkema. [Omitted previously.]
- [415] Philcox, D. (2000). *Agavaceae*. In: Dassanayake, M. D. (ed.): *A revised handbook of the Flora of Ceylon*; 14: 1-4, key. Rotterdam (NL) / Brookfield (US: VT): A. A. Balkema.
- [416] Phillips, S. M. (2000). Notes on *Portulaca* L. (*Portulacaceae*) in Tropical East Africa. *Kew Bull.* 55(3): 687-698, ills., SEM-ills.
- [417] Pichler, G. (2000). Eine weissbedornete Form des *Echinocereus rigidissimus* ssp. *rubispinus* an einem neuen Fundort. *Echinocereenfreund* 13(1): 5-7, ills.
- [418] Pilbeam, J. (1999). *Mammillaria*. Southampton (GB): Cirio Publishing Services. 376 pp., ills., maps. [Cactus File Handbook No. 6. Omitted previously.]
- [419] Pilbeam, J. (2000). Another look at *Sulcorebutias*. *Brit. Cact. Succ. J.* 18(1): 47-52, ills.
- [420] Pilbeam, J. (2000). *Mammillaria prolifera* from Cuba. *Brit. Cact. Succ. J.* 18(3): 159-161, ills.
- [421] Porembski, S. (2000). Ökographische Differenzierung der Kakteen *Stenocereus gummosus* und *Bergerocactus emoryi* entlang eines Umweltgradienten. *Bot. Jahrb. Syst.* 122(4): 539-549, maps.
- [422] Porter, J. M. & al. (2000). Relationships between *Sclerocactus* and *Toumeyia* (*Cactaceae*) based on chloroplast trnL-trnF sequences. *Haseltonia* 7: 8-23, ills., diags.
- [423] Pot, J. (1998). Über die Verbreitung der *Sulcorebutia verticillacantha*. Inform.-brief Freundeskreis Echinopseen No. 26: 64-66, ills. [Omitted previously.]
- [424] Pot, J. (1999). Über die Verbreitung der *Sulcorebutia verticillacantha*. Einige Ergänzungen. Inform.-brief Freundeskreis Echinopseen No. 28: 57-60, ills. [Omitted previously.]
- [425] Pöllmann, P. (1999). 4 Amigos de los Cactus van a Mexico. *Marktedwitzer Kakt.*

- freund No. 3: 57-64, ills. [Included for the illustrations of *Echinocereus dasycanthus* ssp. *rectispinus*.]
- [426] Pöhlmann, P. (2000). Auf der Suche nach *Echinocereus schereri* G. R. W. Frank. Marktrechwitz Kakt.-freund No. 4: 20-26, ills. [Included for the illustrations.]
- [427] Prauser, W. (2000). Die Pflanzengruppe der *Setacei*. Teil I: Die *Setacei* in der Literatur. Internoto 21(3): 105-119, ills. [Continued in l.c. 22(1), 2001.]
- [428] Pritchard, D. (2000). Two spiny Euphorbias of the Great Karoo. Euphorbiaceae Study Group Bull. 13(3): 117-121, ills. [On *E. ferox* (incl. hybrids with *E. obesa*) and *E. enopla*.]
- [429] Procházka, J. (2000). Nejasnosti kolem *Gymnocalycium guanchinense* Schütz. Gymnofil 28(3-4): 5-8, ills.
- [430] Ramirez Pinto, L. (2000). Columnar cacti of Bolivia: *Monvillea* cf. *spgazzinii*. Cact. Aventures No. 46: 29, ill.
- [431] Ratz, L. (1999). Was war *Echinopsis formosissima*? Inform.-brief Freundeskreis Echinopseen No. 28: 61-63. [Omitted previously.]
- [432] Rauh, W. (2000). *Euphorbia specktii* Rauh, a new species of subgenus *Trichadenia*, and its close ally, *Euphorbia platycephala* Pax. Cact. Succ. J. (US) 72(5): 247-254, ills.
- [433] Rauh, W. & Kimmnach, M. (2000). Two remarkable South American Peperomias. Cact. Succ. J. (US) 72(5): 257-264, ills.
- [434] Rauh, W. & Mangelsdorff, R. D. (2000). *Aloe ankaranensis* Rauh & Mangelsdorff spec. nov. (Aloaceae). Kakt. and Sukk. 51(10): 273-275, ills.
- [435] Rauh, W. & Teissier, M. (2000). *Aloe zombitsiensis* Rauh & Teissier spec. nov. (Aloaceae). Kakt. and Sukk. 51(8): 201-203, ills.
- [436] Rebmann, N. (2000). Baja California. Ière partie. Succulentes 23(4): 18-23, ills. [Continued in vol. 24.]
- [437] Regnat, H. (2000). Die *Sedum*-Arten Nordamerikas. Kakt. and Sukk. 51(9): 239-244, ills. [A synopsis of known taxa.]
- [438] Regnat, H. (2000). *Sedum lumholtzii* Robinson & Fernald – a Mexican species rare in cultivation. Sedum Soc. Newslett. No. 54: 54-56, pl. 48-49.
- [439] Regnat, H. (2000). North American Stonecrops in cultivation. Sedum Soc. Newslett. No. 55: 4-10.
- [440] Resendiz Ruiz, M. E. (2000). A cactus database for the State of Baja California, Mexico. Haseltonia 7: 97-99.
- [441] Ressler, B. R. (2000). *Trichocereus cuzcoensis* – a hardy Peruvian columnar cactus. Cact. Succ. J. (US) 72(6): 309-312, ills.
- [442] Reyes-Valdés, H. & Gómez-Martínez, M. (2000). Número cromosómico y apareamiento meiótico en *Turbincarpus valdezianus* (Möller) Glass & Foster (Cactaceae). Acta Bot. Mex. 53: 17-25, ills.
- [443] Reynolds, T. (2000). Chemical constituents of aloes. Haworthiad 14(3): 96-99, ills. (p. 94).
- [444] Ricceri, C. & Arrigoni, P. V. (2000). L'aggregato di *Portulaca oleracea* L. (Portulacaceae). Parlatorea 4: 91-97, ills.
- [445] Richards, D. J. & Ellert, A. F. N. (2000). A second update to T. B. C. Harding's 'Aloes of the World: A check list, index and code' as published in Excelsa No. 9. Excelsa No. 19: 95-105. [Dated Dec. 1999, received July 2000.]
- [446] Rischer, W. (2000). Naturhybride bei *Echinocereus scheeri*? Echinocereenfreund 13(2): 38-42, ills.
- [447] Rischer, W. (2000). Wo ist *E.[chinocereus]* spec. Lau 1544 einzuordnen? Echinocereenfreund 13(2): 42-46, 48, ills.
- [448] Rischer, W. (2000). Durch die Sierra Madre Occidental. Kakt. and Sukk. 51(10): 267-272, ills. [Included for the data on *Echinocereus scheeri* etc.]
- [449] Rodríguez Ortega, C. E. & Ezcurra, E. (2000). Distribución espacial en el hábitat de *Mammillaria pectinifera* y *M. carnea* en el Valle de Zapotitlán Salinas, Puebla, México. Cact. Suc. Mex. 45(1): 4-14.
- [450] Rogatskin, D. (2000). [Russian:] Hypothetic evolution of the genus *Gymnocalycium* Pfeiff. Kaktus Klub 2000(4): 23-26, ills.
- [451] Rogers, G. K. (2000). A taxonomic revision of the genus *Agave* (Agavaceae) in the Lesser Antilles, with an ethnobotanical hypothesis. Brittonia 52(3): 218-233.
- [452] Rogozinski, H. (2000). *Mammillaria gasseriana*, *M. stella-de-tacubaya*, *M. viescens*. Anmerkungen zur Behandlung dieses Themenkreises in der Loseblattsammlung "Die Mammillarien", Lieferung 09/99. Mitteilungsbl. AfM 24(2): 94, 96-98.
- [453] Rogozinski, H. (2000). *Mammillaria candida*, ein Dauerbrenner. Mitteilungsbl. AfM 24(3): 144-145, 147, 149-150, 152, ills.
- [454] Rogozinski, H. (2000). *Mammillaria egregia*: "Nur" eine *Mammillaria lasiacantha*? Mitteilungsbl. AfM 24(4): 192-194, SEM-ills.
- [455] Rogozinski, H. & Plein, W. (2000). Auf Ehrenbergs Spuren. Teil II. Mitteilungsbl. AfM 24(1): 17-22, 33, ills. [Continued from vol. 23.]
- [456] Rojas Arechiga, M. & Vázquez-Yanes, C. (2000). Cactus seed germination: A review. J. Arid Environm. 44(1): 85-104.
- [457] Rowley, G. D. (2000). *Crassula perfoliata*



- and its garden hybrids. *Aloe* 37(2-3): 56-57, ills., key; 38(1-2): 8, 2001 [addition].
- [458] Rowley, G. D. (2000). Salm-Dyck's cactus paintings – a postscript. *Bradleya* 18: 40.
- [459] Rowley, G. D. (2000). *Akersia* – hail and farewell. *Brit. Cact. Succ. J.* 18(4): 206-208, ills.
- [460] Rowley, G. D. (2000). Still in search of the tallest cactus. *Cact. Succ. J. (US)* 72(5): 242.
- [461] Rowley, G. D. (2000). Salm-Dyck – Prince of Succulents. *Excelsa* No. 19: 47-55, 60, ills. [Dated Dec. 1999, received July 2000.]
- [462] Römer, R. & al. (2000). Am [*Echinocereus*] *lindsayi*-Standort der Blüten wegen – Fragmente einer abenteuerlichen Baja California-Reise. *Echinocereenfreund* 13(4): 103-109, ills.
- [463] Ruiz, A. & al. (2000). Estudio fenológico de Cactáceas en el enclave seco de La Tatacoa, Colombia. *Biotropica* 32(3): 397-407, map, diags.
- [464] Ruta, S. (2000). *Notocactus ottonis* var. *tortuosus* (Link & Otto) Berger ex Backeberg. *Internoto* 21(1-2): 67-70, ills.
- [465] Rutow, J. & Pottebaum, E. (2000). Orogrande, ein Reisebericht. *Echinocereenfreund* 13(4): 88-91, ills. [On *Echinocereus* populations in New Mexico.]
- [466] Sajeve, M. & Costanzo, M. (2000). Succulents II. The new illustrated dictionary. Firenze (I): Le Lettere. 234 pp., ills.
- [467] Salak, M. (2000). In search of the tallest cactus. *Cact. Succ. J. (US)* 72(3): 162-166, ills.
- [468] Salazar Lorenzo, J. & al. (2000). [Spanish:] Flora of the Samana Peninsula, Dominican Republic. *Moscocosa* 11: 133-188.
- [469] Schade, R. (2000). Blühwunder *Weingartia neocumingii* Backeberg. *Kakt. and. Sukk.* 51(7): 189-190, ills. [Illustrates multiple flowers from a single areole.]
- [470] Schätzle, P. (2000). De *Astrophytums* van het Jaumavetal. *Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl.* 13(1): 9-14, (3): 41-45, ills.
- [471] Schätzle, P. (2000). *Astrophytum myriostigma* Lemaire var. *columnare* (K. Schumann) Tsuda, variteit of vorm? *Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl.* 13(4): 54-60, ills.
- [472] Scherer, E. (2000). Am Standort von *Astrophytum capricorne* var. *senile* (Fric) Okamura im Bundesstaat Coahuila in Mexiko. *Mittelstachel* No. 16: 404-406, ills.
- [473] Schmidt, H. & Stöfer, T. (2000). Kreuzungsmöglichkeiten bei der Gattung *Echinocereus*. *Marktrechwitzter Kakt.-freund* No. 4: 34-40, ills.
- [474] Schmidt, W. (2000). *Gymnocalycium hypnicanthum* (Lem.) Br. & R.: Eine schwer zu bestimmende Art! *Gymnocalycium* 13(4): xxvii-xxviii, ills.
- [475] Scholz, E. (1998). Über *Lobivia saltensis* (Speg.) Br. & R. Inform.-brief Freundeskreis Echinopseer No. 26: 54-62, ills. [Omitted previously.]
- [476] Scholz, E. (1999). Über *Lobivia kuehriichii* Fric & Krz. Inform.-brief Freundeskreis Echinopseer No. 27: 10-15, 16-18, iii, ills., map. [Omitted previously.]
- [477] Scholz, E. (2000). Über *Lobivia silvestrii* (Speg.) Rowley. Inform.-brief Freundeskreis Echinopseer No. 29: 33-36, ills. [Postscript in l.c. No. 30: 63-64, ills., 2001 ('2000').]
- [478] Scott, R. (2000). *Gasteria disticha* / *retusa* intergrade? *Haworthiad* 14(1): 16-18, ill.
- [479] Scott, R. (2000). The many faces of *Gasteria bicolor* var. *liliputana*. *Haworthiad* 14(2): 70-75, ills.
- [480] Scott, R. (2000). *Aloe aristata* × *Gasteria*. *Haworthiad* 14(3): 87-90, ills.
- [481] Seda, V. (2000). *Lobivia drijveriana* Backeb. a *Lobivia staffenii* Fric – dve miniatyry ze Salty. *Kaktusy* 36(2): 59-61, ills.
- [482] Seidelt, R. (1999). Der Baobab – die grösste Sukkulente? *Kakt. and. Sukk.* 51(12): 309-314, ills.
- [483] Silva-Montellano, A. (2000). Efecto del vecindario sobre la tasa de crecimiento de *Pachycereus marginatus* (D.C.) Britton & Rose en Zapotitlán Salinas, Puebla, México. *Cact. Suc. Mex.* 45(2): 28-33, ills. (inside cover).
- [484] Slaba, R. (2000). *Echinopsis obrepanda* (SD.) K.Sch. – pestitelsky nenáročný druh s mimorádne atraktívnymi kvety. *Kaktusy* 36(2): 33-37, ills. [On flower colour variation.]
- [485] Slaba, R. (2000). *Gymnocalycium amba-toense* Piltz – nenápadný kaktus z pralesných svetlin Sierra de Ambato [An inconspicuous cactus from the openings in the forests of the Sierra de Ambato]. *Kaktusy* 36(4): 99-101, ills. [Includes data on *G. carminanthum*.]
- [486] Slauson, L. (2000). Pollination biology of two chiropterophilous *Agaves* in Arizona. *Amer. J. Bot.* 87(6): 825-836.
- [487] Slauson, L. (2000). *Agave* ecology: The *Agave*-bat-fire connection. *Sonoran Quart.* 54(1): 4-7, ills.
- [488] Smale, T. (2000). *Conophytum roodiæ* and its relatives. *Brit. Cact. Succ. J.* 18(2): 101-107, ills., key.
- [489] Smale, T. (2000). Farewell Gamsberg? *Brit. Cact. Succ. J.* 18(3): 114-117, ills.
- [490] Smale, T. (2000). *Conophytums* since the *Conograph* – Part 2. *Mesemb Study Group Bull.* 15(2): 22-25, ills. [Continued from vol. 12.]
- [491] Smith, G. F. & Retief, E. (2000). Notes on the coastal distribution of the genus *Crassula* (*Crassulaceae*) in southern Africa. *Aloe* 36(2-3): 60-61, ills., map. [Dated 1999, received 7. Feb.]

2000.]

- [492] Smith, G. F. & al. (2000). Morpho-anatomical leaf features of *Aloe suzannae* Decary (*Asphodelaceae*). In: Timberlake, J. R. & Kativu, S. (eds.): African plants: Biodiversity, taxonomy and uses. Proceedings of the 1997 AETFAT Congress, Harare, Zimbabwe; pp. 409-421, ills. Richmond (GB): Royal Botanic Gardens Kew. [Dated 1999, publ. 2000.]
- [493] Smith, G. F. & al. (2000). *Aloaceae*: The conservation status of *Aloe* in South Africa: An updated synopsis. *Bothalia* 30(2): 206-211.
- [494] Smith, G. F. & al. (2000). The distribution of *Haworthia venosa* subsp. *tessellata* in southern Africa. *Haworthiad* 14(2): 40-43, ills., map.
- [495] Sorma, V. (2000). *Gymnocalycium prochazkianum* – nový zámavý nález českých kaktusů v Argentíně. *Cactaceae etc.* 10(1): 7-9, ills.
- [496] Sotomayor, J. M. & al. (2000). *Turbincarpus schmiedickeanus* ssp. *klinkerianus* (Backb. & Jacobsen) Taylor (1998). Distribuzione, ecologia e stato di conservazione. Distribution, ecology, and state of conservation. *Cactus & Co.* 4(3): 108-115, ills., map.
- [497] Sotomayor, J. M. & al. (2000). *Coryphantha wohlshlageri* Holzeis. Revised description. *J. Mammillaria Soc.* 40(3): 34-38, ills.
- [498] Sotomayor, J. M. & al. (2000). *Pelecyphora aselliformis* Ehrenberg: Standorte, Verbreitung und Gefährdung. *Kakt. and Sukk.* 51(10): 253-259, ills., maps.
- [499] Sotomayor, J. M. & al. (2000). Neue Fundorte von *Ariocarpus agavoides*. *Kakt. and Sukk.* 51(5): 113-118, ills., map.
- [500] Sotomayor, J. M. & al. (2000). *Pelecyphora strobiliformis*: Erster Fund im Bundesstaat San Luis Potosí. *Kakt. and Sukk.* 51(8): 197-200, ills., map.
- [501] Sotomayor, J. M. & al. (2000). *Turbincarpus beguinii* (Taylor) Mosco y Zanovello (1997). Rozšíření, ekológia stupen ohrozenia [Distribution and ecology]. *Kaktusy* 36(3): 90-93, ills., map.
- [502] Sotomayor, J. M. & al. (2000). *Turbincarpus valdezianus* (Moeller) Glass et Foster. Nueva localidad en el Estado de San Luis Potosí, México. *Nakari* 11(1): 10-15, ills.
- [503] Spies, J. J. & al. (2000). *Hyacinthaceae*. Chromosome studies on African plants. 13. *Lachenalia mutabilis*, *L. pustulata* and *L. unicolor*. *Bothalia* 30(1): 106-111, maps.
- [504] Spies, J. J. & al. (2000). *Apocynaceae*. Chromosome studies on African plants. 15. *Periplocoideae*. *Bothalia* 30(2): 211-213.
- [505] Spinnler, H. (1997). Beobachtungen am Standort des *Echinocereus polyacanthus* ssp. *pacificus* (Engelm.) Breckwoldt. *Marktdredwitzer Kakt.-freund* No. 1: 2-5, 7-13, ills. [Omitted previously.]
- [506] Spinnler, H. (2000). *Echinocereus xloydii* Britton et Rose. Blütenpracht in West-Texas. *Marktdredwitzer Kakt.-freund* No. 4: 4-18, ills. [Included for the illustrations.]
- [507] Springate, L. (2000). *Sedum stefco* vs. *Sedum steftscho*. *Sedum Soc. Newslett.* No. 55: 12-13.
- [508] Staniforth, R. J. & Frego, K. A. (2000). Ecological history and population dynamics of a disjunct population of Brittle Prickly-Pear Cactus, *Opuntia fragilis* (*Cactaceae*), in eastern Ontario. *Canad. Field-Naturalist* 114(1): 98-105.
- [509] Starha, R. (2000). *Conophytum tantillum*. *Cactaceae etc.* 10(1): 3-6, ills., SEM-ills.
- [510] Steinmann, V. W. (2000). Comparative anatomy of the New World succulent *Euphorbia* (*Euphorbiaceae*). *Amer. J. Bot.* 87(6: Abstr.): 32-33 (Abstract 100).
- [511] Stephenson, R. (2000). Background regarding *Sedum creticum* Presl. *Sedum Soc. Newslett.* No. 52: 32-36, ills.
- [512] Stephenson, R. (2000). *Sedum jurgensenii* [sic!] ssp. *attenuatum* Moran. *Sedum Soc. Newslett.* No. 53: 44-46, figs. 46-47.
- [513] Stephenson, R. (2000). *Sedum tuberiferum* and other Greek Macedonian Stonecrops in habitat. *Sedum Soc. Newslett.* No. 55: 15-24, ills. (figs. 55-60).
- [514] Stephenson, R. (2000). Towards a register of *Sedum* cultivated varieties. *Sedum Soc. Newslett.* No. 55: 25-28.
- [515] Stephenson, R. & J. (2000). Crete in late summer. *Sedum Soc. Newslett.* No. 52: 37-45, ills., maps. [Included for the distribution information for *Sedum* spp.]
- [516] Steyn, E. M. A. & Smith, G. F. (2000). *Agavaceae: Agave vivipara*: A naturalised alien in southern Africa. *Bothalia* 30(1): 43-46, ills., map.
- [517] Stiling, P. & al. (2000). The difficulties of single factor thinking in restoration: Replanting a rare cactus in the Florida Keys. *Biol. Conservation* 94(3): 327-333.
- [518] Strigl, F. (2000). Blüten in allen Farbschattierungen. *Trichocereus candicans* am Wuchsort in Argentinien. *Kakt. and Sukk.* 51(6): 160-162, ills.
- [519] Struck, M. (1997). Floral divergence and convergence in the genus *Pelargonium* (*Geraniaceae*) in southern Africa: Ecological and evolutionary considerations. *Pl. Syst. Evol.* 208: 71-97. [Omitted previously.]
- [520] Stuchlík, S. (2000). *Notocactus minimus* Fric et Kreuzinger versus *Notocactus tenuicylindricus* F. Ritter. *Internoto* 21(1-2): 44-51, ills.

- [521] Stuchlík, S. & Jerochin, J. (2000). *Mammillaria guelzowiana* Werd. a její květy. *Kaktusy* 36(4): 124-125, ill. [On flower variability.]
- [522] Szutorisz, G. (2000). A *Cactaceae* család *Mammillaria* nemzetségének evolúciós modellje. 5. Az evolúciós modell irányelvei és felépítése [The evolution model of the *Mammillaria* genus (*Cactaceae*). 5. Guiding principles and structure of the model]. *Alba Flora* No. 23: 23-25. [= *Polyedra* 2000/1: 1-3.]
- [523] Szutorisz, G. (2000). A *Cactaceae* család *Mammillaria* nemzetségének evolúciós modellje. 6. *Premammillaria* fajcsoport. *Hydrochilus* fajsor [series]. 1. California vonal [California line]. The evolutionary model of the *Mammillaria* genus (*Cactaceae*). 1 2. A Kaliforniai félsziget északi felének fajai [species of the northern part of the Californian Peninsula]. *Alba Flora* No. 25: 27-30, map, No. 26: 21-27, ill., map. [= *Polyedra* 2000/2: 1-4; 2000/3: 1-7. Continued in *Kakt. Világ* 25(1): 25 et seq., 2001.]
- [524] Tago-Nakazawa, M. & Dillon, M. (1999). Biogeografía y evolución del clado *Nolana* (*Nolaneae* - *Solanaceae*). *Arnaldoa* 6(2): 81-116.
- [525] Terrazas, T. (2000). Occurrence of perforated ray cells in genera of *Pachycereae* (*Cactaceae*). *IAWA J.* 21(4): 457-462.
- [526] Thiede, J. (1999). Quantitative Phyto-geographie und Artenreichtum der Kakteen (*Cactaceae*) und ihrer Wuchsformen im kontinentalen Nordamerika. *Mitt. Bundesforschungsanst. Forst- & Holzwirtsch.* 190: 105-109. [Omitted previously.]
- [527] Thiele, H. (2000). Auf Ritter's Spuren – Am Standort von *Parodia rubida* bei La Torre. *Mitteilungsbl. Inter-Parodia-Kette* No. 14: 8-10, ill.
- [528] Thulin, M. (1999). *Vitaceae*. In: Thulin, M. (ed.): *Flora of Somalia*, 2: 156-168. Richmond (GB): Royal Botanic Gardens Kew.
- [529] Till, H. (2000). Recherchen zu *Gymnocalycium mucidum* Oehme. *Gymnocalycium* 13(4): 373-376, ill.
- [530] Till, H. & Rausch, W. (2000). Drei neue Taxa aus der Gruppe des *Gymnocalycium andreae*. *Gymnocalycium* 13(4): 377-380, ill.
- [531] Till, H. & al. (2000). Revision von *Gymnocalycium* Subgen. *Pirisemineum*. Teil 1: *Gymnocalycium pflanzii*. *Gymnocalycium* 13(1): 343-350, ill., map.
- [532] Till, H. & al. (2000). Revision von *Gymnocalycium* Subgen. *Pirisemineum*. Teil 2: *Gymnocalycium zagarrae*. *Gymnocalycium* 13(2): 351-358, ill.
- [533] Tinoco-Ojanguren, C. & Molina-Freaner, F. (2000). Flower orientation in *Pachycereus pringlei*. *Canad. J. Bot.* 78(12): 1489-1494.
- [534] Tolmachev, A. I. (2000). Flora of the Russian Arctic: A critical review of the vascular plants occurring in the Arctic region of the former Soviet Union. Vol. 3: *Salicaceae* to *Ranunculaceae*. Berlin (D): Gebrüder Bornträger Verlagsbuchhandlung. 472 pp., maps. [This volume includes the *Portulacaceae* (pp. 195-205). This is a translation of vols. 5 and 6 of the original Russian edition published 1966 and 1971.]
- [535] Uhl, C. H. (2000). Some hybrids of *Cremnophila nutans* Rose (*Crassulaceae*). *Haseltonia* 7: 100-105, ill.
- [536] Vega-Aviña, R. & al. (2000). Endemismo regional presente en la flora del municipio de Culiacán, Sinaloa, México. *Acta Bot. Mex.* 53: 1-15, map. [Includes numerous *Cactaceae* spp. and some other succulents.]
- [537] Veldhuisen, R. van (2000). *Euphorbia aggregata*. *Succulenta* 79(6): 260-265, ill.
- [538] Veres, G. (2000). Rod *Sclerocactus* Britton & Rose (trochu inak). *Kaktusy* 36(2): 53-59, ill.
- [539] Vilardebo, A. (1999). Observations écologiques sur *Melocactus intortus* (Mill.) Urb. dans les Îles des Antilles Françaises. *Piqué* No. 46: 5-13, ill. [Omitted previously. Republished in *Succulentes* 23(1): 10-18, ill., 2000.]
- [540] Vilcapoma, G. (2000). Frutas silvestres de la Cuenca del Río Chillón (Cactáceas). *Quepo* 14: 59-67, ill., map.
- [541] Viljoen, A. M. & Wyk, B-E. van (2000). The chemotaxonomic significance of the phenyl pyrone aloenin in the genus *Aloe*. *Biochem. Syst. & Ecol.* 28(10): 1009-1017.
- [542] Viljoen, A. M. & al. (2000). The occurrence and taxonomic distribution of the anthrones aloin, aloinoside and microdantin in *Aloe*. *Biochem. Syst. & Ecol.* 29(1): 53-67, maps. [Dated 2001, publ. late 2000.]
- [543] Viomery, L. & al. (2000). Phenylpropa-noides from *Umbilicus pendulinus*. *Chem. Pharm. Bull.* (48): 1768-1770.
- [544] Vollmer, B. (2000). *Weberocereus rosei* (Kimmach) Buxbaum am Standort. *EPIG Rundschreiben* 11(4): 132-134. [Dated 1999, received Feb. 2000.]
- [545] Vries, J. de (1999). *Sulcorebutia mojocoyensis* n.n. – eine neue Art? *Inform.-brief Freundeskreis Echinopseer* No. 28: 52-57, ill., map. [Omitted previously.]
- [546] Vrskový, B. (2000). *Euphorbia xylacantha* Pax – alebo vsetko je inak. *Cactaceae etc.* 10(3): 109-111, ill.
- [547] Wagner, G. F. (2000). Einige Bemerkungen zur Familie *Mesembryanthemaceae* (2). *Avonia* 17(2): 31-36, ill. (pp. 39-41). [Dated 1999, publ. June 2000. On *Lithops schwantesii* var. *marthae*, spring-flowering *Conophytum* and *Muiria hortenseae*.]



- [548] Walker, C. C. (2000). *Agave attenuata* and some new cultivars. *Brit. Cact. Succ. J.* 18(2): 95-98, ills.
- [549] Walker, C. C. (2000). Canaries and Kasbahs – the succulents of the Canary Islands and Morocco. *New Zealand Cact. Succ. J.* 53(2): 36-49, (3): 70-77, ills., map.
- [550] Walker, C. C. & Downs, P. E. (2000). John Medley Wood's Natal Asclepiads. *Asklepios* No. 79: 3-9, ills.
- [551] Wallace, R. S. (2000). Taxonomic placement of morphologically anomalous genera of *Cactaceae* subfamily *Cactoideae*. *Amer. J. Bot.* 87(6: Abstr.): 165 (Abstract 485).
- [552] Watson, M. F. (1999). *Asclepiadaceae*. In: Grierson, A. J. C. & Long, D. G. (eds.): *Flora of Bhutan*, Vol. 2, part 2; pp. 687-733, keys. Edinburgh (GB): Royal Botanic Garden Edinburgh / Royal Government of Bhutan. [Omitted previously.]
- [553] Weber, R. (1998). Zum Beitrag "Bemerkungen zur Abgrenzung der Gattung *Sulcorebutia*". *Inform.-brief Freundeskreis Echinopseer* No. 26: 69-70, ill. [Omitted previously.]
- [554] Weber, R. (1999). Bemerkungen zu einigen feindornigen Formen aus dem *Rebutia fiebrigii* (Guerke) Br. & R.-Komplex. *Inform.-brief Freundeskreis Echinopseer* No. 27: 1-5, 24-36, ills. [Omitted previously.]
- [555] Weber, R. (2000). Bemerkungen zu einigen grobdornigen Formen aus dem *Rebutia fiebrigii* (Guerke) Br. & R.-Komplex. Teil I. *Inform.-brief Freundeskreis Echinopseer* No. 29: 2-12, ills. [Cont. in *I.c.* No. 30, 2001.]
- [556] Weerasooriya, A. (1999). *Cactaceae*. In: Dassanayake, M. D. (ed.): *A revised handbook of the Flora of Ceylon*; 13: 41-45, keys. Rotterdam (NL) / Brookfield (US: VT): A. A. Balkema. [Omitted previously.]
- [557] Weissflog, A. & al. (1999). *Hoya mitrata* Kerr (*Asclepiadaceae*): A new myrmecophytic epiphyte from Southeast Asia with a unique multileaved domatium. *Ecotropica* 5: 221-225, ills. [Reprinted in *Hoyan* 22(1): Part 2, with additional ill., 2000.]
- [558] White, H. L. & al. (1998). Comments on the distribution of *Sedum pulchellum* (*Crassulaceae*) in Texas. *Sida* 18(2): 623-626, map. [Omitted previously.]
- [559] Williamson, G. (2000). Richtersveld. The enchanted wilderness. Hatfield (RSA): Umदाus Press. x + 258 pp., ills.
- [560] Williamson, G. (2000). A short note on *Avonia variabilis*. *Aloe* 36(2-3): 30, ill. [Dated 1999, received 7. Feb. 2000.]
- [561] Williamson, G. (2000). The rediscovery of *Cheiridopsis schinziana* Dinter. *Aloe* 36(2-3): 31-33, ills. [Dated 1999, received 7. Feb. 2000.]
- [562] Williamson, G. (2000). A new succulent *Oxalis* (*Oxalidaceae*) from the Richtersveld. *Aloe* 36(4): 68-70, ills., map. [Dated 1999, publ. June 2000.]
- [563] Williamson, G. (2000). A new *Cheiridopsis* (*Mesembryanthemaceae*) from the Richtersveld. *Aloe* 37(1): 4-7, ills.
- [564] Williamson, G. (2000). *Zambian Euphorbias*. *Aloe* 37(2-3): 54-55, ills.
- [565] Williamson, G. (2000). Notes on *Euphorbia malevola* Leach. *Excelsa* No. 19: 88-92, ills., map. [Dated Dec. 1999, received July 2000.]
- [566] Williamson, G. (2000). A summary of discovered *Bulbine* species (*Asphodelaceae*) from Northern Namaqualand. Part 5. *Haworthiad* 14(1): 11-14, ills. [Continued from vol. 13.]
- [567] Wittau, H.-J. (2000). *Lobivia winteriana* wieder gefunden. *Kakt. and. Sukk.* 51(7): 172-175, ills.
- [568] Wittner, H. (2000). Eine "Schneeballform" der *Mammillaria gracilis* Pfeiffer. *Kakt. and. Sukk.* 51(11): 289-290, ills. [On a deviating form.]
- [569] Wolf, B. O. & Martinez del Rio, C. (2000). Use of Saguaro fruit by White-Winged Doves: Isotopic evidence of a tight ecological association. *Oecologia* 124(4): 536-543.
- [570] Woolcock, S. (2000). Werner Reppenhausen: An experienced plantsman and a great *Mammillaria* enthusiast. *J. Mammillaria Soc.* 40(2): 26-30, ills.
- [571] Wozniak, J. (2000). *Ferocactus latispinus*: One or three? *Cact. Aventures* No. 48: 20-24, ills.
- [572] Xhonneux, G. (2000). A condemned species? *Notocactus vorwerckianus* [sic]. *Cact. Aventures* No. 47: 23-25, ills., map.
- [573] Yokosuka, A. & al. (2000). A new steroidal saponin from the leaves of *Agave americana*. *Pl. Med.* 66(4): 393-396.
- [574] Zachistal, H. (2000). *Sedum* ssp. [sic] *maximum* in Austria. *Sedum Soc. Newslett.* No. 54: 65-79, ills. [Erratum *I.c.* No. 55: 11, 2000.]
- [575] Zimmermann, H. G. & al. (2000). The renowned cactus moth, *Cactoblastis cactorum*: Its natural history and threat to native *Opuntia* floras in Mexico and the United States of America. *Diversity & Distrib.* 6(5): 259-269.
- [576] Zimmermann, N. F. A. (2000). Notes on a natural hybrid of *Euphorbia obesa* Hook. f.: *E. obesa* ssp. *obesa* × *E. ferox* Marloth. *Euphorbiaceae Study Group Bull.* 13(2): 67-71, ills.
- [577] Zonneveld, B. J. M. (2000). *Orostachys* and *Meterostachys* in cultivation / in coltivazione. *Cactus & Co.* 4(1): 12-19, ills.
- [578] Zonneveld, B. J. M. (2000). Is *Nopalxochia* 'Deutsche Kaiserin' een hybride of een species? *Succulenta* 79(5): 222-223, ills.



## BIBLIOGRAPHIA

## Cross-References of Author Names

- Addicott, J. F.: → Humphries, S. A.  
 Al-Ansari, F.: → El-Keblawy, A.  
 Arrigoni, P. V.: → Ricceri, C.  
 Baqueiro, M. F.: → Pérez Ishiwara, R.  
 Baran, E. J.: → Monje, P. V.  
 Barrios-Rodríguez, M. A.: → Medina-Cota, J. M.  
 Beever, R. E.: → Harris, W.  
 Boyle, T. H.: → O'Leary, M. C.  
 Breuer, I.: → Esterhuizen, J. M.  
 Bruckmann, C.: → Hartmann, H. E. K.  
 Bruyns, P. V.: → Endress, M. E.  
 Castañeda Rojas, A.: → García-Mendoza, A.  
 Clark, W. H.: → Comanor, P. L.  
 Collenette, S.: → Lavranos, J. J.  
 Costanzo, M.: → Sajeva, M.  
 Crisci, J. V.: → Katinas, L.  
 Dillon, M.: → Tago-Nakazawa, M.  
 Downs, P. E.: → Walker, C. C.  
 Eggli, U.: → Leuenberger, B. E.  
 Eggli, U.: → Nyffeler, R.  
 Ellert, A. F. N.: → Richards, D. J.  
 Esterhuizen, J. M.: → Battista, L.  
 Eynden, V. van den: → Damme, P. van  
 Ezcurra, E.: → Rodríguez Ortega, C. E.  
 Frego, K. A.: → Staniforth, R. J.  
 Golubov, J.: → Mandujano, M. C.  
 Gómez-Martínez, M.: → Reyes-Valdés, H.  
 Hanson, M. A.: → Lenz, L. W.  
 Hardy, D. S.: → Glen, H. F.  
 Heck, W. van: → Bohle, B.  
 Hernández, H. M.: → Gómez-Hinostrosa, C.  
 Hong, T. (eds.): → Fu, L.-K.  
 Hunt, D. R.: → Barthlott, W.  
 Hunt, D. R. (ed.): → Hammel, B. E.  
 Iliff, J.: → Hunt, D. R.  
 Jerochin, J.: → Stuchlík, S.  
 Kimmach, M.: → Rauh, W.  
 Kloppenburg, D.: → Gilding, E.  
 Köllner, G.: → Oeser, R.  
 Lee, K. A.: → Lee, Y. N.  
 Leuenberger, B. E.: → Eggli, U.  
 Lüthy, A. D.: → Dicht, R. F.  
 Mangelsdorff, R. D.: → Rauh, W.  
 Marais, E. B.: → Dreyer, L. L.  
 Martínez del Rio, C.: → Wolf, B. O.  
 Martínez R., P.: → Cervantes S., L. M.  
 Mauchamp, A.: → Hicks, D. J.  
 Mauseth, J.: → Kiesling, R.  
 Mesfin, T.: → Dioli, M.  
 Middleditch, H. (ed.): → Allcock, G. R.  
 Middleditch, H. (ed.): → Hoxey, P.  
 Mii, M.: → Mishiba, K.-I.  
 Milton, S. J.: → Dean, W. R. J.  
 Molina-Freaner, F.: → Tinoco-Ojanguren, C.  
 Montana, C.: → Montiel, S.  
 Mottram, R.: → Crook, R.  
 Müller-Doblies, D.: → Müller-Doblies, U.  
 Olesen, J. M.: → Jorgensen, T. H.  
 Pellmyr, O.: → Huth, C. J.  
 Plein, W.: → Rogozinski, H.  
 Plumstead, E.: → Cloete, E.  
 Pottebaum, E.: → Rutow, J.  
 Pöschl, J.: → Kiessling, M.  
 Qaiser, M.: → Perveen, A.  
 Rausch, W.: → Till, H.  
 Retief, E.: → Smith, G. F.  
 Rojer, A. C.: → Freitas, J. A. de  
 Schmeider, M.: → Forster, P. I.  
 Sharma, A.: → Bandyopadhyay, B.  
 Singh, L. J.: → Misra, D. R.  
 Singh, N. P.: → Misra, D. K.  
 Smith, G. F.: → Kurzweil, H.  
 Smith, G. F.: → Manning, J. C.  
 Smith, G. F.: → Steyn, E. M. A.  
 Sobka, H.: → Mucha, A.  
 Strecker, W.: → Heck, W. van  
 Stöfer, T.: → Schmidt, H.  
 Suntjens, R.: → Lawant, P.  
 Suzan-Azpiri, H.: → Martínez-Ávalos, J. G.  
 Teissier, M.: → Rauh, W.  
 Thomas, H.-P.: → Gilmer, K.  
 Valiente-Banuet, A.: → Godínez-Alvarez, H.  
 Vassiljeva, I. M.: → Byalt, V. V.  
 Vázquez-Yanes, C.: → Rojas Arechiga, M.  
 Walker, L. R.: → Brittingham, S.  
 Wallace, R. S.: → Applequist, W. L.  
 Wallace, R. S.: → Butterworth, C. A.  
 Wallace, R. S.: → Martin, C. E.  
 Welman, W. G.: → Meeuse, A. D. J.  
 Willert, D. J. von: → Martin, C. E.  
 Witkowski, E. T. F.: → Knowles, L.  
 Witkowski, E. T. F.: → Pfab, M. F.  
 Wittau, H.-J.: → Fickenscher, K.  
 Wyk, B.-E. van: → Viljoen, A. M.  
 Zanovello, C.: → Mosco, A.  
 Zimmer, E. A.: → Hershkovitz, M. A.  
 Zimmerman, A. D.: → Felger, R. S.



