



**Repertorium
Plantarum
Succulentarum
XLV (1994)**

What is IOS ?

The **International Organization for Succulent Plant Study (IOS)** was established to *promote the study of succulent and allied plants and to encourage international cooperation amongst those interested in them.* The IOS is a Commission of the International Union of Biological Sciences and seeks to achieve its goal through biennial *international congresses, working sessions,* and its annual *Bulletin* and the *Repertorium Plantarum Succulentarum.* The IOS also is a strong advocate of *conservation* and has an extensive *Code of Conduct.*

Annual membership dues are currently 60 Swiss Francs, and members receive the *IOS Bulletin* and the *Repertorium,* and can take part in the congresses and other activities of IOS.

If you would like to get more information, please write for our information leaflet and the application for membership: International Organization for Succulent Plant Study, Secretary, Dr. Edward F. Anderson, Desert Botanical Garden, 1201 N. Galvin Parkway, Phoenix, AZ 85008, USA (FAX: +1 602 481 8124).

Wer ist die IOS ?

Die **Internationale Organisation für Sukkulenten-Forschung (IOS)** wurde gegründet mit dem Ziel, die *Erforschung der Sukkulenten und verwandter Pflanzen* sowie die *internationale Zusammenarbeit zwischen den beteiligten Personen* zu fördern. Die IOS bildet eine Kommission der Internationalen Union der Biologischen Wissenschaften. Sie versucht, ihr Ziel durch die Organisation zweijährlich stattfindender *internationaler Kongresse, Arbeits-Tagungen* sowie durch Publikation des *IOS Bulletin* und des *Repertorium Plantarum Succulentarum* zu erreichen. Die IOS unterstützt seit langem auch die Anliegen des *Naturschutzes* und erarbeitete detaillierte *Verhaltensregeln.*

Der Jahresbeitrag beträgt zurzeit 60 Schweizer Franken. Die Mitglieder der IOS erhalten das *IOS Bulletin* sowie das *Repertorium* und haben die Möglichkeiten, an den Kongressen und anderen Aktivitäten der Organisation teilzunehmen.

Möchten Sie weitere Informationen ? Verlangen Sie unser Informationsblatt und einen Antrag auf Mitgliedschaft: Internationale Organisation für Sukkulenten-Forschung, Stellvertretender Sekretär, Dr. Urs Eggli, c/o Städtische Sukkulenten-Sammlung, Mythenquai 88, CH-8002 Zürich, Schweiz (FAX: +41 1 201 55 40).

Repertorium Plantarum Succulentarum XLV (1994)

*Index nominum novarum plantarum succulentarum anno MCMXCIV
editorum nec non bibliographia taxonomica ab U. Egli et N. P. Taylor
compositus.*

International Organization for Succulent Plant Study
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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 of K, Z, ZSS 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 one of the compilers. RBG Kew and its Index Kewensis team is acknowledged for the provision of information used in this volume of RPS.
- 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 given in the nomenclatural section and not repeated in the bibliographic section.
- Abbreviations for periodicals are those suggested in 'A Bibliography of Succulent Plant Periodicals' (U. Eggli in Bradleya 3: 103-119, 1985, and supplements in l.c. 5: 101-104, 1987) for specialized periodicals, or those of Bibliographia Periodicorum Huntianum for 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 K, 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. RBG Kew und sein Index-Kewensis-Team hat uns freundlicherweise bei der Zusammenstellung dieses Bandes unterstützt.
- 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 Hintelegungsorte 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 zitierter 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 'A Bibliography of Succulent Plant Periodicals' (U. Eggli in Bradleya 3: 103-119, 1985, sowie Supplementen in l.c. 5: 101-104, 1987), für allgemeine botanische Zeitschriften nach Bibliographia Periodicorum Huntianum.

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Preface

For many years, Nigel Taylor has been associated with the task of editing RPS. His involvement started with volume 30 (then edited jointly with Gordon Rowley and Len Newton), and for volumes 33-45, Nigel acted as editor together with the undersigned. Only those well-acquainted with the many facets of botanical literature in general and with succulent plant literature on a more specific side can imagine the number of references which had to be checked and re-checked during these past 15 years.

Nigel has recently been appointed Head of the Living Collections Department at Kew, and as a consequence, he has expressed his wish to step back from the editorial duties in connection with RPS – creating a vacancy for RPS which is difficult to fill. Together with the RPS users, the undersigned is grateful for all what Nigel has been doing for RPS, and we wish him a good start in his new position.

Urs Eggli

Acknowledgments

We acknowledge the assistance of the Royal Botanic Gardens, Kew, and its Index Kewensis team, for the provision of information relating to some of the names listed in this volume. J. Thiede has helped with literature references and photocopies of various contributions which otherwise would have gone by unnoticed. R. Nyffeler has again helped in similar matters, and the editors are grateful for all this cooperation.

Last but not least the editors are grateful to all these authors who sent separate prints or photocopies of their contributions. **All users of RPS are reminded that RPS can only continue to achieve completeness in its coverage when the editorial team is supported with information. While ZSS does receive all major and many minor specialist succulent plant periodicals, general botanical literature is not available in its entirety, and YOUR help is requested.**

Vorwort

Für viele Jahre ist der Name von Nigel Taylor mit dem RPS verbunden gewesen. Seine RPS-Arbeit begann mit Band 30 (damals zusammen mit Gordon Rowley und Len Newton), und für die Bände 33-45 war Nigel zusammen mit dem Unterzeichnenden Herausgeber dieser Publikation. Nur wer mit den zahlreichen Facetten botanischer Literatur im Allgemeinen und der Sukkulenten-Literatur im Speziellen vertraut ist, kann nachvollziehen, wieviele Literaturstellen während dieser 15 Jahre von ihm kontrolliert und nachkontrolliert worden sind. Kürzlich wurde Nigel als Head of the Living Collections Department, Kew, berufen, weshalb er den Wunsch angemeldet hat, von seinen Herausgeberpflichten im Zusammenhang mit dem RPS entbunden zu werden – diese Lücke wird für uns schwierig zu füllen sein. Zusammen mit allen RPS-Benutzern möchte der Unterzeichnende die Gelegenheit ergreifen und Nigel für seine unschätzbare Hilfe danken, sowie ihm gleichzeitig bei seiner neuen Arbeit einen guten Start wünschen.

Urs Eggli

Dank

Wir sind dankbar für die Hilfe, die wir von den Royal Botanic Gardens Kew und dessen Index-Kewensis-Team im Zusammenhang mit einigen Namen in dieser RPS-Ausgabe erhalten haben. J. Thiede unterstützte uns mit Literaturhinweisen und Photokopien schwer zugänglicher Publikationen. Ohne diese verdankenswerte Hilfe hätten einige Literaturhinweise den Weg in die Bibliographie nicht gefunden. Auch R. Nyffeler hat die Herausgeber wiederum in ähnlicher Weise unterstützt, und wir sind für alle diese Mitarbeit herzlich dankbar.

Schliesslich sind die Herausgeber all denjenigen Autoren dankbar, die uns durch Zusendung von Separatdrucken ihrer Arbeiten unterstützt haben. **Wir möchten alle RPS-Benutzer daran erinnern, dass das RPS nur dann weiterhin umfassend informieren kann, wenn das Herausgeber-Team entsprechend unterstützt wird. Die Bibliothek der Sukkulentensammlung Zürich erhält zwar alle grossen und zahlreiche kleine Sukkulenten-Zeitschriften, aber die allgemein-botanische Literatur kann nur mit IHRER Hilfe ausgewertet werden.**

Corrections to previous volumes

- The author citation for *Discocactus placentiformis* ssp. *multicolorispinus* was incorrect in RPS 44: 11, 1994; it correctly is '(P. J. Braun & Brederoo) P. J. Braun & E. Esteves Pereira'.
- The author citation for *Disocactus* sect. *Wittia* (K. Schumann) Kimnach (RPS 44: 12) should be corrected to "(Barthlott) Kimnach", since the basionym is *Disocactus* subgen. *Wittia* Barthlott, following the rule on bibliographic errors. Barthlott's name is a *nom. nov.* for Schumann's illegitimate generic name.
- *Gymnocalycium monvillei* var. *grandiflorum* und *G. monvillei* var. *steineri* have been reported with erroneous author names and literature references in RPS 44; both were validly published by H. Till in *Gymnocalycium* 3(3): 38-39, 1990.
- *Xenia* Gerbaulet, reported as valid in RPS 43, is in fact invalid under ICBN Art. 20.2, which makes the combination *X. vulcanensis* (Añon) Gerbaulet invalid as well (Art. 43.1).

Korrekturen zu früheren Bänden

- Das Autorzitat für *Discocactus placentiformis* ssp. *multicolorispinus* in RPS 44: 11, 1994, ist falsch; richtig lautet es '(P. J. Braun & Brederoo) P. J. Braun & E. Esteves Pereira'.
- Das Autorzitat von *Disocactus* sect. *Wittia* (K. Schumann) Kimnach (RPS 44: 12) muss zu "(Barthlott) Kimnach" korrigiert werden, denn das Basionym ist nach der Regel über bibliographische Zitierfehler *Disocactus* subgen. *Wittia* Barthlott. Dieser Name ist seinerseits ein *nom. nov.* für den ungültigen Gattungsnamen *Wittia* K. Schumann.
- *Gymnocalycium monvillei* var. *grandiflorum* und *G. monvillei* var. *steineri* wurden in RPS 44 mit falschem Autor- und Literaturzitat publiziert; beide wurden von H. Till in *Gymnocalycium* 3(3): 38-39, 1990, gültig publiziert.
- *Xenia* Gerbaulet, in RPS 43 als gültig rapportiert, ist gemäss ICBN Art. 20.2 ungültig, weshalb auch die Kombination *X. vulcanensis* (Añon) Gerbaulet ungültig wird (Art. 43.1).

NOMINA NOVA

AGAVACEAE

- Yucca vespertina** (McKelvey) S. L. Welsh, *Rhodora* 95(883/884): 417, 1993. Basionym: *Yucca baccata* var. *vespertina*.

AIZOACEAE

- Cheiridopsis delphinoides** S. A. Hammer, *Bradleya* 11: 83-84, fig. 8 (p. 77), 1994. Typus: *Hammer et Williamson* 1344 (BOL, HNT). [Dated 1993, publ. Febr. 1994.]

- Cheiridopsis velox** S. A. Hammer, *Bradleya* 11: 84, fig. 13a (p. 81), 1994. Typus: *Delpierre* 813 (BOL, K). [Dated 1993, publ. Febr. 1994.]

- × **Delosphyllum schickii** (Poindexter) H. E. K. Hartmann, *Bradleya* 11: 47, 1994. Basionym: *Mesembryanthemum* × *schickii*. [Attributed to G. D. Rowley, who published the combination as cultivar, however.]

- Erepsia** sect. **Crassifoliae** Liede, *Bradleya* 11: 50, 1994. Typus: *Erepsia heteropetala* (Haworth) Schwantes. Dated 1993, publ. Febr. 1994. First published invalidly (Art. 37.1) in *Beitr. Biol. Pfl.* 64(3): 466-467, 1990, and repeated (Art. 32.3, 36.1) in *l.c.* 66(1): 155, 1992.

- Erepsia** sect. **Intectatae** Liede, *Bradleya* 11: 50, 1994. Typus: *Erepsia esterhuyseniae* L. Bolus. Dated 1993, publ. Febr. 1994. First published invalidly (Art. 37.1) in *Beitr. Biol. Pfl.* 64(3): 448, 1990, and again in *l.c.* 66(1): 155, 1992 (Art. 32.3, 36.1).

- Erepsia** sect. **Tectatae** Liede, *Bradleya* 11: 50, 1994. Typus: *Erepsia anceps* (Haworth) Schwantes. Dated 1993, publ. Febr. 1994. First published invalidly (Art. 37.1) in *Beitr. Biol. Pfl.* 64(3): 452-453, 1990, and repeated invalidly (Art. 32.3, 36.1) in 66(1): 155, 1992.

- Faucaria nemorosa** L. Bolus ex L. E. Groen, *Succulenta* 73(1): 39-41, ill., 1994. Typus: *Archibald* 960 (BOL). [Based on a nude name by L. Bolus used on herbarium sheets at BOL.]

- × **Gibbaeophyllum marnieri** (Marnier-Lapostolle) H. E. K. Hartmann, *Bradleya* 11: 47, 1949. Basionym: × *Mentophyllum marnieri*. [Attributed to G. D. Rowley, who published the combination at the rank of cultivar, however. Probably invalid as the basionym seems invalid (no description, not checked).]

- Leipoldtia** subgen. **Cephalophylloides** H. E. K. Hartmann & Rust, *Verh. Naturwiss. Vereins Hamburg*, n.s., 34: 348, 1994. Typus: *Leipoldtia rosea* L. Bolus.

- Leipoldtia** subgen. **Spinosae** H. E. K. Hartmann & Stüber, *Verh. Naturwiss. Vereins Hamburg*, n.s., 34: 370-371, 1994. Typus: *Mesembryanthemum alboroseum* L. Bolus.

- Leipoldtia lunata** H. E. K. Hartmann & Rust, *Verh. Naturwiss. Vereins Hamburg*, n.s., 34:

342-343, 1994. Typus: *Hartmann* 8288 (HBG).

- Leipoldtia weingangiana** ssp. **grandifolia** (L. Bolus) H. E. K. Hartmann & Rust, *Verh. Naturwiss. Vereins Hamburg*, n.s., 34: 346, 1994. Basionym: *Leipoldtia grandifolia*.

- Leipoldtia weingangiana** ssp. **littlewoodii** (L. Bolus) H. E. K. Hartmann & Rust, *Verh. Naturwiss. Vereins Hamburg*, n.s., 34: 347, 1994. Basionym: *Leipoldtia littlewoodii*.

- Lithops coleorum** S. A. Hammer & Uijs, *Aloe* 31(2): 36-38, ill., 1994. Typus: *Hammer et al.* 1500 (PRU, HNT).

- Neohenricia spiculata** S. A. Hammer, *Cact. Succ. J. (US)* 66(2): 84-86, ill., 1994. Typus: *Hammer et Marx* 1403 (BOL).

- Odontophorus angustifolius** ssp. **protoparcoides** S. A. Hammer, *Bradleya* 11: 84-85, ill., 1994. Typus: *van Jaarsveld* 6138 (BOL, K). [Dated 1993, publ. Febr. 1994.]

- Trianthema hecatandra** Wingfield & M. F. Newman, *Kew Bull.* 49(1): 115-117, 1994. Typus: *Wingfield* 14706 (CORO, K).

- Vlokia** S. A. Hammer, *Cact. Succ. J. (US)* 66(6): 255-258, ill., 1994. Typus: *Vlokia atra* S. A. Hammer.

- Vlokia atra** S. A. Hammer, *Cact. Succ. J. (US)* 66(6): 255-258, ill., 1994. Typus: *Hammer et Vlok* 1181 (BOL). [Sphalm. 'ater'.]

ALOEACEAE

- × **Allauminia** cv. **Sparkling Burgundy** (J. Bleck ex S. Riley) P. V. Heath, *Calyx* 4(4): 146, 1994. Basionym: *Aloe* cv. *Sparkling Burgundy*.

- Aloe brandhamii** S. Carter, *Fl. Trop. East Afr.: Aloaceae*, 32-33, ill., 1994. Typus: *Carter et al.* 2600 (K, DAR, EA, NHT).

- Aloe canarina** S. Carter, *Fl. Trop. East Afr.: Aloaceae*, 41, 1994. Typus: *Reynolds* 7951 (K, EA, PRE).

- Aloe congdonii** S. Carter, *Fl. Trop. East Afr.: Aloaceae*, 18, 20, 10 (ill.), 1994. Typus: *Congdon* 281 (K, EA, NHT, SRGH).

- Aloe elata** S. Carter & L. E. Newton, in S. Carter, *Fl. Trop. East Afr.: Aloaceae*, 56-57, t. 4: lower right, 1994. Typus: *Greenway et Kanuri* 11776 (K, EA).

- Aloe fragilis** Lavranos & Rössli, *Cact. Succ. J. (US)* 66(1): 4-5, ill., 1994. Typus: *Lavranos* 28737 (ZSS, P).

- Aloe francomei** L. E. Newton, *Brit. Cact. Succ. J.* 12(2): 54-55, ill., 1994. Typus: *Newton et al.* 4130 (K, EA).

- Aloe gillettii** S. Carter, *Kew Bull.* 49(3): 417, 1994. Typus: *Gillett* 23457 (K, EA, MOG).

- Aloe ketabrowniorum** L. E. Newton, *Brit. Cact. Succ. J.* 12(2): 50-51, ill., 1994. Typus: *Brown* 136 (K, EA) [Ex cult. L. E. Newton.].

- Aloe labworana** (Reynolds) S. Carter, *Fl. Trop.*

- East Afr.: Aloaceae, 28, 1994. Basionym: *Aloe schweinfurthii* var. *labworana*.
- Aloe lateritia** var. **graminicola** (Reynolds) S. Carter, Fl. Trop. East Afr.: Aloaceae, 17, 1994. Basionym: *Aloe graminicola*.
- Aloe leedalii** S. Carter, Fl. Trop. East Afr.: Aloaceae, 9-11, ills., 1994. Typus: *Leedal* 5523 (K).
- Aloe multicolor** L. E. Newton, Brit. Cact. Succ. J. 12(2): 51-52, ills., 1994. Typus: *Newton et al.* 4133 (K, EA).
- Aloe pustuligemma** L. E. Newton, Brit. Cact. Succ. J. 12(2): 53-54, ills., 1994. Typus: *Newton* 3739 (K, EA) [Ex cult. L. E. Newton.].
- Aloe secundiflora** var. **sobolifera** S. Carter, Fl. Trop. East Afr.: Aloaceae, 32-33, ills., 1994. Typus: *Congdon* 282 (K, EA, NHT).
- Aloe volkensii** ssp. **multicaulis** S. Carter & L. E. Newton, in S. Carter, Fl. Trop. East Afr.: Aloaceae, 56, 1994. Typus: *Greenway* 10351 (K, EA).
- × **Bleckara** P. V. Heath, Calyx 4(4): 146, 1994. [= *Aloe* × *Guillauminia* × *Lemeea*.]
- × **Bleckara** cv. **Cha-Cha** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Cha-Cha.
- × **Gaslauminia** P. V. Heath, Calyx 4(4): 146, 1994. [= *Gasteria* × *Guillauminia*.]
- × **Gaslauminia** cv. **Firefly** (J. Bleck ex Kimnach & J. Trager) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Firefly.
- × **Gaslauminia** cv. **Pink Lace** (J. Bleck ex Kimnach & J. Trager) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Pink Lace.
- Guillauminia** cv. **Lizard Lips** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Lizard Lips.
- Guillauminia** cv. **Midnight** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Midnight.
- Guillauminia** cv. **Olympic Star** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Olympic Star.
- Guillauminia** cv. **Prime Time** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Prime Time.
- Guillauminia** cv. **Quicksilver** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Quicksilver.
- Guillauminia bakeri** (Scott Elliot) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe bakeri*.
- Guillauminia bellatula** (Reynolds) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe bellatula*.
- Guillauminia calcairophila** (Reynolds) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe calcairophila*. [Sphalm. 'calcairophylla'.]
- Guillauminia descoingsii** (Reynolds) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe descoingsii*.
- Guillauminia rauhii** (Reynolds) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe rauhii*.
- Haworthia pringlei** C. L. Scott, Bradleya 12: 103-104, ills., 1994. Typus: *Pringle s.n. sub* Scott 8970 (PRE).
- Haworthia reddii** C. L. Scott, Cact. Succ. J. (US) 66(4): 182-183, ill., 1994. Typus: *Scott* 8968 (PRE).
- Lemeea boiteau** (Guillaumin) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe boiteau*.
- Lemeea parvula** (A. Berger) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe parvula*.
- × **Leminia** P. V. Heath, Calyx 4(4): 146, 1994. [= *Lemeea* × *Guillauminia*.]
- × **Leminia** cv. **Baby Grand** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Baby Grand.
- × **Leminia** cv. **Brass Hat** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 146, 1994. Basionym: *Aloe* cv. Brass Hat.
- × **Leminia** cv. **Caramba** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Caramba.
- × **Leminia** cv. **Fiesta** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Fiesta.
- × **Leminia** cv. **Grande** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Grande.
- × **Leminia** cv. **Hey Babe** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Hey Babe.
- × **Leminia** cv. **Macho Pink** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Macho Pink.
- × **Leminia** cv. **Olé** (J. Bleck ex S. Riley) P. V. Heath, Calyx 4(4): 147, 1994. Basionym: *Aloe* cv. Olé.
- Lomatophyllum belavenokense** Rauh & Gerold, Excelsa 16: 1-2, ills. (pp. 3, 5-6), 1994. Typus: *Rauh* 73987 (HEID).

APOCYNACEAE

- Pachypodium** cv. **Arid Lands** C. Hanson ex J. Trager & Kimnach, Cact. Succ. J. (US) 66(2): 61, fig. 14, 1994. [= *Pachypodium namaquanum* × *P. succulentum*.]

ASCLEPIADACEAE

- Angolluma abayensis** (M. G. Gilbert) Plowes, Excelsa 16: 117, 1994. Basionym: *Caralluma abayensis*.
- Angolluma araysiana** (Lavranos & Bilaidi) Plowes, Excelsa 16: 115, 1994. Basionym: *Stultitia araysiana*.
- Angolluma baldratii** (White & Sloane) Plowes, Excelsa 16: 119, 1994. Basionym: *Caralluma baldratii*.
- Angolluma chrysostephana** (Deflers) Plowes, Excelsa 16: 118, 1994. Basionym: *Stapelia chrysostephana*.
- Angolluma circes** (M. G. Gilbert) Plowes, Excelsa 16: 110, 1994. Basionym: *Caralluma circes*.
- Angolluma commutata** (A. Berger) Plowes, Excelsa 16: 115, 1994. Basionym: *Caralluma*

- commutata*.
- Angolluma commutata** ssp. *sheellae* Plowes, Excelsa 16: 116, ill. (p. 121), 1994. Typus: *Lavranos & Collette s.n. sub Plowes 7495* (K, SRGH).
- Angolluma deflersiana** (Lavranos) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma deflersiana*.
- Angolluma denboefii** (Lavranos) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma denboefii*.
- Angolluma distincta** (E. A. Bruce) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma distincta*.
- Angolluma dummeri** (N. E. Brown) Plowes, Excelsa 16: 110, 1994. Basionym: *Stapelia dummeri*.
- Angolluma eremastrum** (O. Schwartz) Plowes, Excelsa 16: 118, 1994. Basionym: *Caralluma eremastrum*.
- Angolluma foetida** (M. G. Gilbert) Plowes, Excelsa 16: 115, 1994. Basionym: *Caralluma sprengeri* ssp. *foetida*.
- Angolluma gemugofana** (M. G. Gilbert) Plowes, Excelsa 16: 118, 1994. Basionym: *Caralluma gemugofana*.
- Angolluma gilbertii** Plowes, Excelsa 16: 116-117, 1994. Typus: *Gilbert s.n.* (K).
- Angolluma hesperidum** (Maire) Plowes, Excelsa 16: 107, 1994. Basionym: *Caralluma hesperidum*.
- Angolluma huernioides** (P. R. O. Bally) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma huernioides*.
- Angolluma kochii** (Lavranos) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma kochii*.
- Angolluma laikpiensis** (M. G. Gilbert) Plowes, Excelsa 16: 119, 1994. Basionym: *Pachycymbium laikpiense*.
- Angolluma laticorona** (M. G. Gilbert) Plowes, Excelsa 16: 115, 1994. Basionym: *Caralluma sprengeri* ssp. *laticorona*.
- Angolluma lugardii** (N. E. Brown) Plowes, Excelsa 16: 120, 1994. Basionym: *Caralluma lugardii*.
- Angolluma luntii** (N. E. Brown) Plowes, Excelsa 16: 118, 1994. Basionym: *Caralluma luntii*.
- Angolluma miscella** (N. E. Brown) Plowes, Excelsa 16: 120, 1994. Basionym: *Stapelia miscella*.
- Angolluma nubica** Plowes, Excelsa 16: 112, 114, ill. (p. 122), 1994. Typus: *Plowes 7550* (K, SRGH).
- Angolluma ogadensis** (M. G. Gilbert) Plowes, Excelsa 16: 115, 1994. Basionym: *Caralluma sprengeri* ssp. *ogadensis*.
- Angolluma rogersii** (L. Bolus) Plowes, Excelsa 16: 120, 1994. Basionym: *Stapelia rogersii*.
- Angolluma sacculata** (N. E. Brown) Plowes, Excelsa 16: 105, 1994. Basionym: *Caralluma sacculata*.
- Angolluma schweinfurthii** (A. Berger) Plowes, Excelsa 16: 118, 1994. Basionym: *Caralluma schweinfurthii*.
- Angolluma sprengeri** (N. E. Brown) Plowes, Excelsa 16: 110, 1994. Basionym: *Caralluma sprengeri*.
- Angolluma subterranea** (E. A. Bruce & P. R. O. Bally) Plowes, Excelsa 16: 119, 1994. Basionym: *Caralluma subterranea*.
- Angolluma sudanensis** Plowes, Excelsa 16: 109-110, ill. (p. 122), 1994. Typus: *Plowes 7496* (K, SRGH, KHU).
- Angolluma tubiformis** (E. A. Bruce & P. R. O. Bally) Plowes, Excelsa 16: 105, 1994. Basionym: *Caralluma tubiformis*.
- Angolluma ubomboensis** (Verdoorn) Plowes, Excelsa 16: 119, 1994. Basionym: *Caralluma ubomboensis*.
- Angolluma venenosa** (Maire) Plowes, Excelsa 16: 108, 1994. Basionym: *Caralluma venenosa*.
- Angolluma vibratilis** (E. A. Bruce & P. R. O. Bally) Plowes, Excelsa 16: 106, 1994. Basionym: *Caralluma vibratilis*.
- Angolluma wilsonii** (P. R. O. Bally) Plowes, Excelsa 16: 110, 1994. Basionym: *Caralluma wilsonii*.
- Angolluma wissmannii** (O. Schwartz) Plowes, Excelsa 16: 118, 1994. Basionym: *Caralluma wissmannii*.
- Brachystelma furcatum** Boele, Excelsa 16: 29, ill. (p. 32), 1994. Typus: *Derbyshire MRS 3070* (SRGH). [First mentioned (without Latin diagnosis) in l.c. 14: 47, 1990 (dated 1989).]
- Brachystelma lancasteri** Boele, Excelsa 16: 30, ill., 1994. Typus: *Rogers 5444* (BOL 42694). [First mentioned (without Latin diagnosis) in l.c. 14: 48, 1990 (dated 1989).]
- Brachystelma punctatum** Boele, Excelsa 16: 31-32, ills., 1994. Typus: SRGH. [First mentioned (without Latin diagnosis) in l.c. 14: 48, 1990 (dated 1989).]
- Ceropegia** sect. **Dimorpha** Meve & Liede, Phyt. (Hom) 34(1): 138, 1994. Typus: *Ceropegia dimorpha* Humbert. Based on *Ceropegia* sect. *Janthina* H. Huber ser. *Dimorpha* H. Huber in Jacobsen, Sukk.-lex., ed. 1, 118, 1970 (*nom. inval.*, Art. 36.1).
- Cibirhiza albersiana** H. Kunze et al., Taxon 43(3): 368-374, ills., map, 1994. Typus: *White 6969* (K).
- Cynanchum crassipedicellatum** Meve & Liede, Novon 4(3): 276-279, ills., chrom.nos., 1994. Typus: *Hardy 2852* (K, MSUN).
- Cynanchum lewintonii** Liede, New Bull. 49(1): 119-123, ills., map, 1994. Typus: *Gillett 14031* (K, B).
- Fockeeae** H. Kunze et al., Taxon 43(3): 373, 1994. Typus: *Fockea* Endlicher.
- Hoya** sect. **Acanthostemma** (Blume) Kloppenburg, Fraterna 1994(2): xii, 1994. Basionym: *Acanthostemma*.
- Marsdenia megalantha** Goyder & Morillo, Asklepios No. 63: 18-22, ills., pl. 1-2, 1994. Typus: *Taylor, Zappi et Eggl 1557* (CEPEC, K, MO, NY, RB, SPF, VEN, ZSS).
- Piaranthus Barrydalensis** Meve, Bradleya 12: 68-71, ills., t. 1 (p. 97), 1994. Typus: *Meve et al. 128* (K, MSTR).

- Piранthus decorus** ssp. **cornutus** (N. E. Brown) Meve, Bradleya 12: 76, 1994. Basionym: *Piранthus cornutus*.
- Piранthus geminatus** var. **foetidus** (N. E. Brown) Meve, Bradleya 12: 84, 1994. Basionym: *Piранthus foetidus*.
- Quaqua albersii** Plowes, Excelsa 16: 94, ill. (p. 101), 1994. Typus: *Albers* 2252 (MSTR) ['MU' given l.c. but apparently erroneous].
- Quaqua arenicola** (N. E. Brown) Plowes, Excelsa 16: 98, 1994. Basionym: *Caralluma arenicola*.
- Quaqua arida** (Masson) Plowes, Excelsa 16: 96, 1994. Basionym: *Stapelia arida*.
- Quaqua aurea** (Luckhoff) Plowes, Excelsa 16: 90, 1994. Basionym: *Caralluma aurea*.
- Quaqua bayeriana** (Bruyns) Plowes, Excelsa 16: 93, 1994. Basionym: *Quaqua parviflora* ssp. *bayeriana*.
- Quaqua cincta** (Luckhoff) Plowes, Excelsa 16: 95, 1994. Basionym: *Caralluma cincta*.
- Quaqua confusa** Plowes, Excelsa 16: 92, ill. (p. 101), 1994. Typus: *Plowes* 3234 (SRGH).
- Quaqua dependens** (N. E. Brown) Plowes, Excelsa 16: 91, 1994. Basionym: *Caralluma dependens*.
- Quaqua gracilis** (Luckhoff) Plowes, Excelsa 16: 91, 1994. Basionym: *Caralluma gracilis*.
- Quaqua maritima** (Bruyns) Plowes, Excelsa 16: 97, 1994. Basionym: *Quaqua armata* ssp. *maritima*.
- Quaqua pilifera** (Bruyns) Plowes, Excelsa 16: 98, 1994. Basionym: *Quaqua armata* ssp. *pilifera*.
- Quaqua pulchra** (Bruyns) Plowes, Excelsa 16: 93, 1994. Basionym: *Quaqua parviflora* ssp. *pulchra*.
- Quaqua radiata** Plowes, Excelsa 16: 89, ill. (p. 102), 1994. Typus: *Plowes* 7526 (SRGH).
- Quaqua swanepoelii** (Lavranos) Plowes, Excelsa 16: 91, 1994. Basionym: *Caralluma swanepoelii*.
- Quaqua tentaculata** (Bruyns) Plowes, Excelsa 16: 89, 1994. Basionym: *Quaqua incarnata* var. *tentaculata*.

ASTERACEAE

- Notonia implexa** (P. R. O. Bally) Agnew, Upland Kenya Wild Fl., ed. 2, 224, 1994. Basionym: *Senecio implexus*.
- Notonia oligodonta** (C. Jeffrey) Agnew, Upland Kenya Wild Fl., ed. 2, 225, 1994. Basionym: *Kleinia oligodonta*.
- Senecio descoingsii** (Humbert ex C. Jeffrey) G. D. Rowley, Succ. Compositae, 105-106, 1994. Basionym: *Kleinia descoingsii*. [First invalidly published by Rowley in Cact. Succ. J. (US) 62(6): 282, 1990, but based on an invalid basionym.]
- Senecio hebdingii** (Rauh & Buchloh) G. D. Rowley, Succ. Compositae, 105, 1994. Basionym: *Notonia hebdingii*.
- Senecio mweruensis** ssp. **leptophyllus** (C. Jeffrey) G. D. Rowley, Succ. Compositae, 120, 1994.

Basionym: *Kleinia leptophylla*.

CACTACEAE

- Arrojadoa bahiensis** (P. J. Braun & E. Esteves P.) N. P. Taylor & Egli, Kew Bull. 49(1): 98, 1994. Basionym: *Floribunda bahiensis*.
- × **Cleipaticereus** G. D. Rowley, Bradleya 12: 5, 1994. [= *Cleistocactus* × *Samaipaticereus*.]
- × **Cleistocana** G. D. Rowley, Bradleya 12: 5, 1994. [= *Cleistocactus* × *Matucana*.]
- × **Cleistoparodia** A. Wessner, Hybriden-J. 1994(3): 18, ill. (p. 9), 1994. [= *Cleistocactus* × *Parodia*.]
- × **Colosocereus** G. D. Rowley, Bradleya 12: 6, 1994. [= *Coleocephalocereus* × *Pilosocereus*.]
- Cylindropuntia** × **antoniae** P. V. Heath, Calyx 4(4): 142, 1994. Typus: MICH 513. [= *Cylindropuntia kleiniae* [given as 'klieniae'] × *C. leptocaulis* and based on a description by M. Anthony, Amer. Midland Natural. 55: 232, 1958.]
- Cylindropuntia fulgida** fa. **cristata** P. V. Heath, Calyx 4(4): 142, 1994. Typus: [icono] Cact. Succ. J. (US) 32: 25, fig. 14, 1960. [Name first used invalidly by Y. Ito according to P. V. Heath l.c.]
- Cylindropuntia fulgida** fa. **monstruosa** P. V. Heath, Calyx 4(4): 142, 1994. Typus: [icono] Backeberg, Die Cact. 6: 3585, fig. 3259, 1962. [Name previously used invalidly (as 'monstrosa') by Evanich, according to P. V. Heath l.c.]
- Cylindropuntia** × **grantiorum** P. V. Heath, Calyx 4(4): 142, 1994. Typus: [icono] Proc. Nation. Acad. US 68: 1994, fig. 3C, 1971. [= *Cylindropuntia spinosior* × *C. versicolor*.]
- Cylindropuntia** × **kelvinensis** (V. Grant & K. A. Grant) P. V. Heath, Calyx 4(4): 142, 1994. Basionym: *Opuntia* × *kelvinensis*.
- Cylindropuntia** × **media** P. V. Heath, Calyx 4(4): 142, 1994. Typus: [icono] Cact. Succ. J. (US) 45: 219, fig. 1, 1973. [= *Cylindropuntia imbricata* × *C. whipplei*.]
- Cylindropuntia ramosissima** var. **cristata** (K. Schumann) P. V. Heath, Calyx 4(4): 142, 1994. Basionym: *Opuntia tessellata* var. *cristata*.
- Discocactus crassispinus** P. J. Braun & E. Esteves Pereira, Cact. Succ. J. (US) 66(5): 228-235, ills., SEM-ills., 1994. Typus: *Esteves-Pereira* 44 (UFG 12349, B, ZSS).
- Discocactus hartmannii** ssp. **setosiflorus** P. J. Braun & E. Esteves Pereira, Kakt. and. Sukk. 45(2): 21-28, ills., SEM-ills., 1994. Typus: *Esteves Pereira* 283 (UFG 13004).
- Disocactus* sect. *Witticactus* (Rauschert) Kimmach, Haseltonia 2: 46, 1994. Incorrect name (Art. 11.4).
- Echinocereus** sect. **Costati** (Engelmann) N. P. Taylor, Piante Grasse 12(4: Suppl.): 94, 1994. Basionym: *Cereus* sect. *Costati*. [Supplement for 1993, dated January 1994.]
- Echinocereus acifer** ssp. **huitcholensis** (F. A. C. Weber) Mich. Lange, Echinocereenfreund

- 7(4): 109, ills., 1994. Basionym: *Cereus huicholensis*.
- Echinocereus arizonicus** ssp. **matudae** (Bravo) Rutow, Echinocereenfreund 7(2): 54, ills., 1994. Basionym: *Echinocereus matudae*.
- Echinocereus brandegeei* var. *sanborgianus* (J. M. Coulter) Lodé, Fichier Encycl. Cact. autres Succ. ser. 14, no. 1272, 1994. *Nom. inval.* (Art. 33.2), based on *Cereus sanborgianus*.
- Echinocereus fendleri** var. **pauperculus** (Engelmann) G. Unger, Echinocereenfreund 7(4): 87, 1994. Basionym: *Cereus fendleri* var. *pauperculus*.
- Echinocereus salm-dyckianus** ssp. **obscuriensis** (A. B. Lau) W. Blum, Echinocereenfreund 7(3): 82, 1994. Basionym: *Echinocereus scheeri* var. *obscuriensis*.
- Echinocereus scheeri* ssp. *polyacanthoides* Momberger, Kaktusblüte 1994: 58-60, ills., 1994. Based on Momberger 002. *Nom. inval.* (Art. 36.1, 37). [Published as provisional name.]
- Echinocereus stoloniferus* ssp. *tayopensis* (W. T. Marshall) G. Pichler, Echinocereenfreund 7(4): 93-106, ills., 1994. *Nom. inval.* (Art. 33.2), based on *Echinocereus tayopensis*.
- Echinopsis** cv. **Flying Saucer** Dimmitt ex J. Trager & Kimmach, Cact. Succ. J. (US) 66(2): 55-56, ill., 1994. [A clone selected from a group of *Trichocereus* × *Soehrensia* hybrids, previously informally known as "B & B's Giant".]
- Echinopsis calochlora** ssp. **glaetzleana** P. J. Braun & E. Esteves Pereira, Kakt. and. Sukk. 45(8): 158-161, ills., SEM-ills., 1994. Typus: Braun 236 (ZSS, B).
- Eriogyne** sect. **Neoporteria** (Britton & Rose) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Neoporteria*.
- Eriogyne** subsect. **Chileogyne** Kattermann, Succ. Pl. Res. 1: 117, 1994. Typus: *Chileorebutia krausii* F. Ritter.
- Eriogyne** subsect. **Horridocactus** (Backeberg) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Horridocactus*.
- Eriogyne** subsect. **Islaya** (Backeberg) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Islaya*.
- Eriogyne** subsect. **Neoporteria** (Britton & Rose) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Neoporteria*.
- Eriogyne** subsect. **Pyrrhocactus** (A. Berger) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus*.
- Eriogyne aeorcarpa** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Chileorebutia aeorcarpa*.
- Eriogyne andreaeana** Kattermann, Succ. Pl. Res. 1: 117, 1994. Typus: Kattermann 593 (DBG). [Based on *Neochilenia andreaeana* Backeberg 1959 (*nom. inval.* Art. 9.5, 37.1).]
- Eriogyne aspillagae** (Söhrens) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Echinocactus aspillagae*.
- Eriogyne aurata** var. **spinibarbis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Eriogyne spinibarbis*.
- Eriogyne bulbocalyx** (Werdermann) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus bulbocalyx*.
- Eriogyne chilensis** (Hildmann ex K. Schumann) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Echinocactus chilensis*.
- Eriogyne chilensis** var. **albidiflora** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus chilensis* var. *albidiflorus*.
- Eriogyne confinis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus confinis*.
- Eriogyne crispa** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus crispus*.
- Eriogyne crispa** ssp. **atroviridis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus atroviridis*.
- Eriogyne crispa** var. **atroviridis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus atroviridis*.
- Eriogyne crispa** var. **carrizalensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus carrizalensis*.
- Eriogyne crispa** var. **huascensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus huascensis*.
- Eriogyne crispa** var. **totalensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus totalensis*.
- Eriogyne curvispina** (Bertero ex Colla) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Cactus curvispinus*.
- Eriogyne curvispina** var. **aconcaguensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus aconcaguensis*.
- Eriogyne curvispina** var. **armata** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus armatus*.
- Eriogyne curvispina** var. **choapensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus choapensis*.
- Eriogyne curvispina* var. *horrida* Kattermann, Succ. Pl. Res. 1: 51, caption to fig. 7:5, 53 (fig.), 1994. Based on Kattermann 208. *Nom. inval.* (Art. 36.1, 37.1). [Editorial error for var. *tuberisulcata*.]
- Eriogyne curvispina** var. **mutabilis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus horridus* var. *mutabilis*.
- Eriogyne curvispina** var. **robusta** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus robustus*.
- Eriogyne curvispina** var. **tuberisulcata** (Jacobi) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus tuberisulcatus*.
- Eriogyne engleri** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Horridocactus engleri*.
- Eriogyne esmeraldana** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym:

- Chileorebutia esmeraldana*.
- Eriocyce garaventae** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Horridocactus garaveniae*.
- Eriocyce heinrichiana** (Backeberg) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Horridocactus heinrichianus*.
- Eriocyce heinrichiana** ssp. **intermedia** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus setosiflorus* var. *intermedius*.
- Eriocyce heinrichiana** ssp. **simulans** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus simulans*.
- Eriocyce heinrichiana** var. **intermedia** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus setosiflorus* var. *intermedius*.
- Eriocyce heinrichiana** var. **setosiflora** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus setosiflorus*.
- Eriocyce islayensis** (Förster) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus islayensis*.
- Eriocyce krausii** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Chileorebutia krausii*.
- Eriocyce kunzei** (Förster) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus kunzei*.
- Eriocyce kunzei** var. **transitensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus transitensis*.
- Eriocyce laui** J. Lüthy, Succ. Pl. Res. 1: 120-124, ill., SEM-ills., 1994. Typus: *Lau* 1541 (ZSS).
- Eriocyce limariensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus limariensis*.
- Eriocyce marksiana** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus marksianus*.
- Eriocyce marksiana** var. **gracilis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus lissocarpus* var. *gracilis*.
- Eriocyce marksiana** var. **lissocarpa** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Pyrrhocactus lissocarpus*.
- Eriocyce napina** (Philippi) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Echinocactus napinus*.
- Eriocyce napina** ssp. **lembckei** Kattermann, Succ. Pl. Res. 1: 118, 1994. Typus: *Kattermann 77* (DBG). [Based on *Neochilena lembckei* Backeberg 1959 (*nom. inval.* Art. 9.5, 37.1).]
- Eriocyce napina** var. **duripulpa** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Chileorebutia duripulpa*.
- Eriocyce napina** var. **lembckei** Kattermann, Succ. Pl. Res. 1: 118, 1994. Typus: *Kattermann 77* (DBG). [Based on *Neochilena lembckei* Backeberg 1959 (*nom. inval.* Art. 9.5., 37.1).]
- Eriocyce occulta** Kattermann, Succ. Pl. Res. 1: 96-97, 119, t. 17: 5, 1994. Typus: *Kattermann 391* (DBG).
- Eriocyce odieri** (Lemaire ex Salm-Dyck) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Echinocactus odieri*.
- Eriocyce odieri** ssp. **fulva** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 158, 1994. Basionym: *Thelocephala fulva*. [Basionym given as *Chileorebutia fulva* on p. 118; treated as bibliographical error.]
- Eriocyce odieri** ssp. **glabrescens** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 118, 1994. Basionym: *Chileorebutia glabrescens*.
- Eriocyce odieri** var. **monte-amargensis** Kattermann, Succ. Pl. Res. 1: 118, 1994. Typus: *Kattermann 522* (DBG). [Based on *Neochilena monte-amargensis* Backeberg 1963 (*nom. inval.* Art. 9.5).]
- Eriocyce recondita** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus reconditus*.
- Eriocyce recondita** ssp. **iquiquensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus iquiquensis*.
- Eriocyce senilis** (Backeberg) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria senilis*.
- Eriocyce senilis** ssp. **coimasensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria coimasensis*.
- Eriocyce senilis** ssp. **elquiensis** Kattermann, Succ. Pl. Res. 1: 113, 119, t. 24: 1-2, 1994. Typus: *Kattermann 462* (DBG).
- Eriocyce sociabilis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria sociabilis*.
- Eriocyce strausiana** (K. Schumann) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus strausianus*.
- Eriocyce strausiana** var. **pachacoensis** (Rausch) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus pachacoensis*.
- Eriocyce subgibbosa** (Haworth) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Echinocactus subgibbosus*.
- Eriocyce subgibbosa** ssp. **clavata** (Söhrens ex K. Schumann) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Echinocactus clavatus*.
- Eriocyce subgibbosa** var. **castanea** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria castanea*.
- Eriocyce subgibbosa** var. **clavata** (Söhrens ex K. Schumann) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Echinocactus clavatus*.
- Eriocyce subgibbosa** var. **litoralis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria litoralis*.
- Eriocyce subgibbosa** var. **nigrihorrida** (Backeberg) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria nigrihorrida*.
- Eriocyce subgibbosa** var. **vallenarensis** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria vallenarensis*.
- Eriocyce subgibbosa** var. **wagenknechtii** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria wagenknechtii*.
- Eriocyce taltalensis** (Hutchison) Kattermann,

- Succ. Pl. Res. 1: 119, 1994. Basionym: *Neoporteria taltalensis*.
- Eriosyce taltalensis** ssp. **echinus** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus echinus*.
- Eriosyce taltalensis** ssp. **paucicostata** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Horridocactus paucicostatus*.
- Eriosyce taltalensis** ssp. **pilispina** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus pilispinus*.
- Eriosyce taltalensis** var. **echinus** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus echinus*.
- Eriosyce taltalensis** var. **floccosa** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus floccosus*.
- Eriosyce taltalensis** var. **pygmaea** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Pyrrhocactus pygmaeus*.
- Eriosyce tenebrica** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Thelocephala tenebrica*.
- Eriosyce umadeave** (Werdermann) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Echinocactus umadeave*.
- Eriosyce villicumensis** (Rausch) Kattermann, Succ. Pl. Res. 1: 117, 1994. Basionym: *Pyrrhocactus villicumensis*.
- Eriosyce villosa** (Monville) Kattermann, Succ. Pl. Res. 1: 119, 1994. Basionym: *Cactus villosus*.
- Frailea larae** R. Vásquez, Revista Soc. Estud. Bot. 1(1): 5-8, ills., 1994. Typus: *Lara* s.n. (LPB, herb. Vásquez).
- Gymnocalycium amerhauseri** H. Till, Gymnocalycium 7(3): 131-134, ills., 1994. Typus: *Till* 88-229 (WU) [Ex cult. H. Till 1725].
- Gymnocalycium andreae** ssp. **carolinense** Neuhuber, Gymnocalycium 7(3): 127-130, ills., 1994. Typus: *Neuhuber* 88-31/52 (WU).
- Gymnocalycium baldianum** var. **albiflorum** C. A. L. Bercht, Gymnos 11(21): 1-9, ills., 1994. Typus: *Bercht* 1232 (U).
- Gymnocalycium erinaceum** var. **paucisquamosum** Piltz, Gymnos 11(21): 12-17, ills., 1994. Typus: *Piltz* 400/3 (U).
- Gymnocalycium parvulum** var. **amoenum** H. Till, Gymnocalycium 7(3): 125-126, ills., 1994. Typus: *Till* 88-199/1736 (WU).
- Gymnocalycium spegazzinii** var. **punillense** H. Till & W. Till, Gymnocalycium 7(1): 119, ills., 1994. Typus: *Till* 93-605 (WU).
- Haageocereus maritimus** Rauh ex Bregman, Succulenta 73(3): 111-112, ill., 1994. *Nom. inval.* (Art. 36.1, 37.1).
- Lobivia albipectinata** (Rausch) Neirinck, Brugse Cactuspost 16(9): 79, 1994. *Nom. inval.* (Art. 33.2), based on *Rebutia albipectinata*.
- Mammillaria acultzingensis** Linzen et al., Mitteilungsbl. AfM 18(2): 72-76, 88, ills., (3): 176-177, SEM-ills., 1994. Typus: *Rogozinski* 257 (ZSS, MEXU).
- Mammillaria huitzilopochtli** var. **niduliformis** A. B. Lau, J. Mammillaria Soc. 34(4): 46-49, 54, ills., SEM-ills., 1994. Typus: *Lau* 1495 (MEXU).
- × **Microsocereus** G. D. Rowley, Bradleya 12: 6, 1994. [= *Micranthocereus* × *Pilosocereus*.]
- Monvillea albicaulis** (Britton & Rose) R. Kiesling, Cact. Succ. J. (US) 66(4): 165, 1994. Basionym: *Acanthocereus albicaulis*.
- Monvillea kroenleinii** R. Kiesling, Cact. Succ. J. (US) 66(4): 157-162, ills., SEM-ills., 1994. Based on *Fernandez Casas et Molero* 4468. *Nom. inval.* (Art. 37.1).
- Monvillea minensis** (F. Ritter) R. Kiesling, Cact. Succ. J. (US) 66(4): 165, 1994. Basionym: *Mirabella minensis*.
- Navajoa peeblesiana** var. **fickelsenii** Hochstätter, Succulenta 73(3): 135-138, ills., 1994. Typus: *Hochstätter* 051 (HBG). [Based on *Navajoa fickelsenii* Backeberg 1960 (*nom. inval.*).]
- Neobuxbaumia sanchezmejoradae** A. B. Lau, Cact. Suc. Mex. 39(1): 1, 3-7, ills., 1994. Typus: *Lau* 1378 (MEXU). [Epithet not correctable to 'sanchezii-mejoradae' or 'sanctii-mejoradae' as advocated by P. V. Heath, Calyx 5(2): 52, 1995.]
- Neoporteria chilensis** fa. **cylindracea** (Backeberg) Kattermann, Succ. Pl. Res. 1: 166, in synon., 1994. *Nom. inval.*, based on *Chilenia chilensis* var. *cylindracea*, *nom. inval.* (Art. 36.1, 43.1). [Erroneously attributed to Donald & Rowley 1966.]
- Neoporteria pilispina** var. **pygmaea** (F. Ritter) Kattermann, Succ. Pl. Res. 1: 160, in synon., 1994. *Nom. inval.* (Art. 34.1), based on *Pyrrhocactus pygmaeus*.
- Notocactus acuatius** var. **corynodes** (Otto) Havlicek, Internoto 15(4): 124, 1994. Basionym: *Echinocactus corynodes*.
- Notocactus acuatius** var. **leucocarpus** (Arechavaleta) Havlicek, Internoto 15(4): 124, 1994. Basionym: *Echinocactus leucocarpus*.
- Notocactus calvescens** Gerloff & A. Nilson, Internoto 15(3): 75-83, ills., 1994. Typus: *Nilson* 384 (HAS 32896).
- Notocactus carambeiensis** var. **villa-velhensis** (Backeberg & Voll) Sida ex Dohnke, Internoto 15(4): 144, 1994. Basionym: *Notocactus ottonis* var. *villa-velhensis*. [First invalidly (Art. 33.2) published by Sida l.c. 12(1): 32, 1991 (cf. RPS 42).]
- Notocactus mammulosus** var. **floricomus** (Arechavaleta) Havlicek, Rundbrief Internoto AK Neonotocactus 1994(4): 4, 1994. *Nom. inval.* (Art. 33.2), based on *Echinocactus floricomus*.
- Notocactus mammulosus** var. **paulus** (Schlosser & Brederoo) Havlicek, Rundbrief Internoto AK Neonotocactus 1994(4): 4, 1994. *Nom. inval.* (Art. 33.2), based on *Notocactus paulus*.
- Notocactus neorechavaletae** var. **maldonadensis** (Herter) Havlicek, Internoto 15(4): 126, 1994. Basionym: *Notocactus maldonadensis*. [Basionym genus erroneously given as *Malacocarpus* and here corrected.]
- Notocactus sellowii** fa. **macrogonus** (Arechavaleta) Havlicek, Internoto 15(3): 89,

1994. Basionym: *Echinocactus sellowii* var. *macrogonus*.
- Notocactus sellowii** fa. **turbinatus** (Arechavaleta) Havlicek, Internoto 15(3): 89, 1994. Basionym: *Echinocactus sellowii* var. *turbinatus*. [First published as provisional name by Gerloff in l.c. 14(2): 73, 1993.]
- Opuntia elizondoana** E. Sánchez & Villaseñor, Acta Bot. Mex. 27: 1-5, ills., 1994. Typus: Sánchez M. et Galindo 4 (MEXU, IEB, SLPM).
- × **Oreonopsis** G. D. Rowley, Bradleya 12: 6, 1994. [= *Oreocereus* × *Echinopsis*.]
- Pediocactus bradyi** var. **despainii** (S. L. Welsh & Goodrich) Hochstätter, Succulenta 73(2): 57, 1994. Basionym: *Pediocactus despairii*.
- Pediocactus bradyi** var. **winkleri** (K. D. Heil) Hochstätter, Succulenta 73(2): 55, 1994. Basionym: *Pediocactus winkleri*.
- Pfeiffera brevispina** (F. Ritter) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Acanthorhispalis brevispina*. [Validity questionable since the basionym can be interpreted as *nom. inval.* under Art. 37.1.]
- Pfeiffera crenata** (Britton) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Hariota crenata*.
- Pfeiffera incahuasina** (Cárdenas) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Acanthorhispalis incahuasina*.
- Pfeiffera incahuasina** var. **samaipatana** (Cárdenas) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Rhispalis monacantha* var. *samaipatana*.
- Pfeiffera micrantha** (Vaupel) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Cereus micranthus*. [Basionym sphalm. 'micrantha'.]
- Pfeiffera monacantha** (Grisebach) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Rhispalis monacantha*. [Name first used invalidly by Evanich, Index Cact. Ill., 417, 1989.]
- Pfeiffera paranganiensis** (Cárdenas) P. V. Heath, Calyx 4(4): 158, 1994. Basionym: *Acanthorhispalis paranganiensis*. [Sphalm. 'paranganiensis'.]
- Pilosocereus** subgen. **Gounellea** Zappi, Succ. Pl. Res. 3: 36, 1994. Typus: *Pilocereus gounellei* F. A. C. Weber.
- Pilosocereus aurisetus** ssp. **aurilanus** (F. Ritter) Zappi, Succ. Pl. Res. 3: 123, 1994. Basionym: *Pilosocereus aurilanus*.
- Pilosocereus brasiliensis** ssp. **ruschianus** (Buining & Brederoo) Zappi, Succ. Pl. Res. 3: 64, 1994. Basionym: *Pseudopilocereus ruschianus*.
- Pilosocereus catingicola** ssp. **salvadorensis** (Werdermann) Zappi, Succ. Pl. Res. 3: 55, 1994. Basionym: *Pilocereus salvadorensis*.
- Pilosocereus densivillosus** P. J. Braun & E. Esteves Pereira, Kakt. and. Sukk. 45(6): 108-114, ills., SEM-ills., 1994. Typus: *Esteves Pereira* 49 (UFG 12.350).
- Pilosocereus floccosus** ssp. **quadricostatus** (F. Ritter) Zappi, Succ. Pl. Res. 3: 86, 1994. Basionym: *Pilosocereus quadricostatus*.
- Pilosocereus fulvilanus** ssp. **rosae** (P. J. Braun) Zappi, Succ. Pl. Res. 3: 100, 1994. Basionym: *Pilosocereus rosae*.
- Pilosocereus gounellei** ssp. **zehntneri** (Britton & Rose) Zappi, Succ. Pl. Res. 3: 43, 1994. Basionym: *Cephalocereus zehntneri*.
- Pilosocereus pachycladus** ssp. **pernambucoensis** (F. Ritter) Zappi, Succ. Pl. Res. 3: 109, 1994. Basionym: *Pilosocereus pernambucoensis*.
- Pilosocereus pentaedrophorus** ssp. **robustus** Zappi, Succ. Pl. Res. 3: 74, 76, ills. (p. 70, 72-73, 88), 1994. Typus: *Taylor & Zappi* in *Harley* 25544 (SPF, CEPEC, K).
- Pseudopilocereus atroflavispinus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus atroflavispinus*.
- Pseudopilocereus aurilanus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus aurilanus*.
- Pseudopilocereus azureus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus azureus*. [Non *Pseudopilocereus azureus* Buining & Brederoo 1975.]
- Pseudopilocereus carolinensis** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus carolinensis*.
- Pseudopilocereus carolinensis** var. **robustispinus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus carolinensis* var. *robustispinus*.
- Pseudopilocereus densiareolatus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus densiareolatus*. [Sphalm. 'densiareolatus'.]
- Pseudopilocereus gaturianensis** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus gaturianensis*.
- Pseudopilocereus multicostatus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus multicostatus*.
- Pseudopilocereus oreus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus oreus*.
- Pseudopilocereus pachycladus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus pachycladus*. [Name first used invalidly by Evanich, Index Cact. Ill., 436, 1989.]
- Pseudopilocereus pernambucoensis** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus pernambucoensis*. [Sphalm. 'pernambucensis'.]
- Pseudopilocereus pernambucoensis** var. **caesius** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus pernambucoensis* var. *caesius*. [Sphalm. 'pernambucensis'.]
- Pseudopilocereus pernambucoensis** var. **montealtoi** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus pernambucoensis* var. *montealtoi*. [Sphalm. 'pernambucensis'.]
- Pseudopilocereus quadricostatus** (F. Ritter) P. V. Heath, Calyx 4(4): 140, 1994. Basionym: *Pilosocereus quadricostatus*.
- Pseudopilocereus robustus** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym:

- Pilosocereus robustus*.
- Pseudopilocereus saudadensis** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus saudadensis*.
- Pseudopilocereus splendidus** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus splendidus*.
- Pseudopilocereus superbus** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus superbus*.
- Pseudopilocereus superbus** var. **gacapaensis** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus superbus* var. *gacapaensis*. [Spelling of the varietal epithet changed to 'gacapensis'.]
- Pseudopilocereus superbus** var. **lanosior** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus superbus* var. *lanosior*.
- Pseudopilocereus superbus** var. **regius** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus superbus* var. *regius*.
- Pseudopilocereus werdermannianus** var. **densilanatus** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus werdermannianus* var. *densilanatus*.
- Pseudopilocereus werdermannianus** var. **diamantinensis** (F. Ritter) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Pilosocereus werdermannianus* var. *diamantinensis*.
- Pseudopilocereus zehntneri** (Britton & Rose) P. V. Heath, Calyx 4(4): 141, 1994. Basionym: *Cephalocereus zehntneri*. [Basionym incorrectly given as 'Pilosocereus zehntneri' (but with correct literature reference); here treated as bibliographical error and corrected.]
- Rebutia vallegrandensis* cv. *Albispina* Meininger, Kakt. and Sukk. 45(2): 38-39, ill., 1994. *Nom. inval.* (Art. ICNCP 27).
- Rhipsalis baccifera** fa. **zanzibarica** (F. A. C. Weber) P. V. Heath, Calyx 4(4): 124, 1994. Basionym: *Rhipsalis zanzibarica*.
- Rhipsalis maricaensis** Scheinvar, Arq. Jard. Bot. Rio de Janeiro 31: 71-78, ill., 1993. Typus: *Casari* 1143 (GUA). [Dated 1992, received at ZSS in June 1993.]
- Sclerocactus brevispinus** K. D. Heil & J. M. Porter, *Haseltonia* 2: 26-27, ill., 1994. Typus: *Hochstätter* 0700 (HBG). [*Nom. nov. pro Sclerocactus wetlandicus* var. *ilseae* Hochstätter 1993.]
- Sclerocactus cloveriae** K. D. Heil & J. M. Porter, *Haseltonia* 2: 31-33, ill., 1994. Typus: *Heil* 3903A (UNM 49874, SJNM). [*Nom. nov. pro Sclerocactus whipplei* var. *heilii* Castetter et al. 1976 (cf. the cryptic type citation).]
- Sclerocactus cloveriae** ssp. **brackii** K. D. Heil & J. M. Porter, *Haseltonia* 2: 33-34, ill., 1994. Typus: *Heil* 8149 (SJNM 2695).
- Sclerocactus parviflorus** ssp. **intermedius** (Peebles) K. D. Heil & J. M. Porter, *Haseltonia* 2: 27, 1994. Basionym: *Sclerocactus intermedius*.
- Sclerocactus parviflorus** ssp. **terrae-canyonae** (K. D. Heil) K. D. Heil & J. M. Porter, *Haseltonia* 2: 27, 1994. Basionym: *Sclerocactus sileri* (L. Benson) K. D. Heil & J. M. Porter, *Haseltonia* 2: 39, ill., 1994. Basionym: *Sclerocactus pubispinus* var. *sileri*.
- Turbnicarpus subterraneus** var. **zaragosae** (Glass & Foster) A. Zimmerman, *Succ. Pl. Res.* 2: 109, 1994. Basionym: *Gymnocactus subterraneus* var. *zaragosae*.
- Uebelmannia pectinifera* var. *crebrispinia* Strecker, Kakt. and Sukk. 45(2): 34-35, ill., 1994. Based on *Horst et Uebelmann* HU 642. *Nom. inval.* (Art. 36.1, 37.1). [Published as provisional name.]
- × **Weberbostoa** G. D. Rowley, *Bradleya* 12: 6, 1994. [= *Weberbauerocereus* × *Espostoa*.]
- × **Weinganopsis** G. D. Rowley, *Bradleya* 12: 6, 1994. [= *Weingartia* × *Echinopsis*.]

CRASSULACEAE

- Aeonium** cv. **Plum Purdy** J. Catlin ex J. Trager & Kimnach, *Cact. Succ. J. (US)* 66(1): 58, 1994. [= *Aeonium arboreum* cv. *Zwartkop* × *A. canariense*.]
- Aeonium** nsect. **Leugalonium** P. V. Heath, Calyx 2(2: American Reprint 1993): [ref. not available], 1993. Typus: = *Aeonium* sect. *Leuconium* × *Aeonium* sect. *Megalonium*. Validity not assessed, publication not available (cf. l.c. 5(2): 51, 1995).
- Aichryson** × **aizoides** var. **domesticum** (Praeger) E. C. Nelson, *Bradleya* 11: 94, 1994. Basionym: *Sempervivum domesticum*. [Dated 1993, publ. Febr. 1994.]
- Byrnesia bernalensis** (Kimmach & Moran) P. V. Heath, Calyx 4(4): 132, 1994. Basionym: *Graptopetalum paraguayense* ssp. *bernalense*.
- Crassula basaltica** S. Brullo & G. Siracusa, *Fl. Medit.* 4: 175, ill., 1994. Typus: *Brullo et Siracusa* s.n. (CAT).
- × **Crelnadia** C. H. Uhl, *Cact. Succ. J. (US)* 66(5): 215, 1994. [= *Crelnophila* × *Villadia*.]
- × **Cremonella** C. H. Uhl, *Cact. Succ. J. (US)* 66(4): 177, 1994. [= *Crelnophila* × *Thompsonella*.]
- Dudleya affinis** (K. M. Nakai) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 46, addendum [unpaged], 1993. Basionym: *Dudleya abramsii* ssp. *affinis*.
- Dudleya agourensis** (K. M. Nakai) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 48, addendum [unpaged], 1993. Basionym: *Dudleya cymosa* ssp. *agourensis*.
- Dudleya albida* (Rose) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 48, 240, 1993. *Nom. inval.* (Art. 33.2), based on *Stylophyllum albidum*.
- Dudleya alisoensis* P. H. Thomson, *Dudleya & Hasseanthus* Handb., 190-191, t. 43: 1-4, 1993. Based on *Thomson* s.n.. *Nom. inval.* (Art. 37.4).
- Dudleya baldwinensis** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 191-192, t. 45: 1-4, 1993.

- Typus: *Thomson* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya bicolor** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 192, 194, t. 44: 1-4, 1993. Typus: *Thomson* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya cerralvensis** (Moran) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 62, 240, 1993. Basionym: *Dudleya nubigena* ssp. *cerralvensis*.
- Dudleya chilensis** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 194-195, t. 40: 1, 44: 5-6, 1993. Typus: *Anonymus* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya costafolia** (Bartel & Shevock) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 66, addenda [unpagged], 1993. Basionym: *Dudleya cymosa* ssp. *costafolia*.
- Dudleya crebrifolia** (K. M. Nakai & Verity) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 66, addenda [unpagged], 1993. Basionym: *Dudleya cymosa* ssp. *crebrifolia*.
- Dudleya insularis* (Rose) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 80, 241, 1993. *Nom. inval.* (Art. 33.2). [Basionym given as "*S. insularis* Rose".]
- Dudleya marcescens** (Moran) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 86, 241, 1993. Basionym: *Dudleya cymosa* ssp. *marcescens*.
- Dudleya matsonii** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 195, t. 45: 5-6, 46: 5-6, 50: 2, 1993. Typus: *Matson* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya nana* Moran ex P. H. Thomson, *Dudleya & Hasseanthus* Handb., 196, t. 47: 5, 1993. Based on *Thomson* s.n.. *Nom. inval.* (Art. 37.4).
- Dudleya nana* cv. White Sprite P. H. Thomson, *Dudleya & Hasseanthus* Handb., 196, 1993. *Nom. inval.* (Art. 43.1).
- Dudleya orcuttii* (Rose) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 90, 242, 1993. *Nom. inval.* (Art. 33.2), based on *Stylophyllum orcuttii*.
- Dudleya pendletonia* P. H. Thomson, *Dudleya & Hasseanthus* Handb., 195, 198, t. 47: 1-2, 1993. Based on *Matson* s.n.. *Nom. inval.* (Art. 37.4).
- Dudleya sproullii** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 198-199, t. 47: 3-4, 1993. Typus: *Sproul* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya tegelbergii** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 199-200, t. 46: 1-4, 1993. Typus: *Tegelberg* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya temeculana** P. H. Thomson, *Dudleya & Hasseanthus* Handb., 200-201, t. 49: 3-4, 1993. Typus: *Thomson* s.n. (SD, BH) [Holotype cited on p. iii.].
- Dudleya tenuifolia* P. H. Thomson, *Dudleya & Hasseanthus* Handb., 201-202, t. 48: 1-2, 5-6, 50: 3, 1993. Based on *Thomson* s.n.. *Nom. inval.* (Art. 37.4).
- Dudleya viridis* P. H. Thomson, *Dudleya & Hasseanthus* Handb., 202, 204, t. 47: 6 etc., 1993. Based on *Thomson* s.n.. *Nom. inval.* (Art. 37.4).
- Dudleyoideae* P. H. Thomson, *Dudleya & Hasseanthus* Handb., 9, 1993. *Nom. inval.* (Art. 36.1, 37.1). Based on *Dudleya* [by inference].
- × **Echeneisia** P. V. Heath, *Calyx* 4(4): 132, 1994. [= *Echeveria* × *Byrnesia*.]
- Echeveria subcorymbosa** Kimmach & Moran, *Cact. Succ. J. (US)* 66(1): 11-15, ill., 1994. Typus: *Lau* 30 (HNT, MEXU).
- × **Graptoladia** C. H. Uhl, *Cact. Succ. J. (US)* 66(5): 216, 1994. [= *Graptopetalum* × *Villadia*.]
- Hasseanthus brevifolius** (Moran) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 220, 1993. Basionym: *Hasseanthus blochmaniae* ssp. *brevifolius*.
- Hasseanthus oblongorhizus** (A. Berger) P. H. Thomson, *Dudleya & Hasseanthus* Handb., 187, 220, 1993. Basionym: *Sedum oblongorhizum*.
- Lenophyllum latum** Moran, *Cact. Succ. J. (US)* 66(3): 126-128, ill., 1994. Typus: *Moran* 13392 (SD 61028, BH, SD).
- Lenophyllum obtusum** Moran, *Haseltonia* 2: 17-18, ill., 1994. Typus: *Uhl* 1920 (SD 94815, BH, HNT, SD) [Ex cult.].
- Monanthes** nsect. **Monophyllae** P. V. Heath, *Calyx* 4(3): 93, 1994. Typus: no type needed. = *Monanthes* sect. *Monanthes* × *Monanthes* sect. *Petrophyllae*.
- Monanthes** nsect. **Sedanthus** P. V. Heath, *Calyx* 4(3): 93, 1994. Typus: no type needed. = *Monanthes* sect. *Monanthes* × *Monanthes* sect. *Sedoideae*.
- Monanthes** nsect. **Sedophyllae** P. V. Heath, *Calyx* 4(3): 93, 1994. Typus: no type needed. = *Monanthes* sect. *Petrophyllae* × *Monanthes* sect. *Sedoideae*.
- Monanthes** sect. **Petrophyllae** P. V. Heath, *Calyx* 4(3): 92, 1994. Typus: *Monanthes brachycaulos* (Webb & Berthelot) Lowe. Based on *Monanthes* sect. *Petrophyllae* Sventenius 1960 (*nom. inval.*).
- Monanthes** × **anagiflora** Bramwell & G. D. Rowley ex P. V. Heath, *Calyx* 4(3): 92, 1994. Typus: [icon] Praeger, *Proc. Roy. Irish Acad.* 38B: t. 15: fig. 27, 1929. [= *Monanthes anagensis* × *M. laxiflora*. First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, *Nation. Cact. Succ. J.* 28(1): 5, 1973, and erroneously included as valid in RPS.]
- Monanthes brachycaulos** fa. **niphophila** (Sventenius) P. V. Heath, *Calyx* 4(3): 92, 1994. Basionym: *Monanthes niphophila*. [Sphalm. 'niphophylla'.]
- Monanthes brachycaulos** fa. **praegeri** (Bramwell) P. V. Heath, *Calyx* 4(3): 92, 1994. Basionym: *Monanthes praegeri*.
- Monanthes* × *elizabethae* P. V. Heath, *Calyx* 4(3): 93, 1994. *Nom. illeg.* (Art. 52.1). [*Nom. nov. pro Monanthes* × *isabellae* Bañares 1990.]

- Monanthes** × **hybrida** Bramwell & G. D. Rowley ex P. V. Heath, Calyx 4(3): 92, 1994. Typus: [icono] Proc. Roy. Irish Acad. 38B: t. 16: fig. 30, 1929. [= *Monanthes brachycaulos* × *M. pallens*. First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, Nation. Cact. Succ. J. 28(1): 5, 1973, and erroneously included as valid in RPS.]
- Monanthes** × **intermedia** Bramwell & G. D. Rowley ex P. V. Heath, Calyx 4(3): 93, 1994. Typus: [icono] Proc. Roy. Irish Acad. 38B: t. 15: fig. 29, 1929. [= *Monanthes brachycaulos* × *M. polyphylla*. First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, Nation. Cact. Succ. J. 28(1): 5, 1973, and erroneously included as valid in RPS.]
- Monanthes** × **isabellae** nssp. **gomerensis** (Bañares) P. V. Heath, Calyx 4(3): 93, 1994. Basionym: *Monanthes* × *gomerensis*. [Nothospecific epithet changed to 'elizabethae' without giving any reason.]
- Monanthes** × **polycaulis** Bramwell & G. D. Rowley ex P. V. Heath, Calyx 4(3): 92, 1994. Typus: [icono] Proc. Roy. Irish Acad. 38B: t. 16: fig. 33, 1929. [First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, Nation. Cact. Succ. J. 28(1): 5, 1973 (parentage given as *Monanthes polyphylla* × *M. subcrassicaulis*) and erroneously included as valid in RPS. Heath gives the parentage as ? *Monanthes muralis* × *M. polyphylla*.]
- Monanthes** × **silophylla** Bramwell & G. D. Rowley ex P. V. Heath, Calyx 4(3): 93, 1994. Typus: [icono] Proc. Roy. Irish Acad. 38B: t. 16: fig. 31, 1929. [First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, Nation. Cact. Succ. J. 28(1): 5, 1973 (parentage given as *Monanthes silensis* × *M. polyphylla*) and erroneously included as valid in RPS. Heath gives the parentage as *Monanthes pallens* var. *silensis* × *M. polyphylla*.]
- Monanthes** × **sventenii** Bramwell & G. D. Rowley ex P. V. Heath, Calyx 4(3): 93, 1994. Typus: [icono] Proc. Roy. Irish Acad. 38B: t. 16: fig. 32, 1929. [= *Monanthes laxiflora* × *M. pallens*. First invalidly (Art. H10.1) published by Bramwell & G. D. Rowley, Nation. Cact. Succ. J. 28(1): 5, 1973, and erroneously included as valid in RPS.]
- Monanthes** × **sventenii** nvar. **burchardii** P. V. Heath, Calyx 4(3): 93, 1994. Typus: *Bañares* s.n. (TFC 25.0257). [= *Monanthes laxiflora* × *M. pallens* var. *silensis*.]
- Monanthes** × **tilophila** nvar. **chamorgensis** (Bañares) P. V. Heath, Calyx 4(3): 93, 1994. Basionym: *Monanthes* × *chamorgensis*.
- × **Pachyladia** C. H. Uhl, Cact. Succ. J. (US) 66(5): 216, 1994. [= *Pachyphytum* × *Villadia*.]
- × **Sedeveria** cv. **Whitstonecrop** Mottram, Sedum Soc. Newslett. No. 30: 3, ill. (p. 1), 1994. [= *Echeveria prolifera* (male) × *Sedum stahlui*.]
- Sedum** cv. **Ladislav Hlavaty** Pestil, Sedum Soc. Newslett. No. 29: 22, ill., 1994. [= *Sedum tatarinowii* × *S. populifolium*.]
- Sedum** cv. **Whetstone** R. Stephenson & Springate, Sedum Soc. Newslett. No. 31: 11-13, ill., 1994. [=? *Sedum cremnophila* × *S. clavatum*.]
- Sedum album** cv. **Fårö Form** Whicher, Sedum Soc. Newslett. No. 30: 14-15, ill., 1994. [A local form from Fårö Island.]
- Sedum album** cv. **Ibiza** R. L. Evans ex Whicher, Sedum Soc. Newslett. No. 30: 11-13, ill., 1994. [A local variant from Ibiza.]
- Sedum aytacianum** J. Metzger, Cact. Succ. J. (US) 66(6): 259-261, ill., 1994. Typus: Metzger 2046.1 (GAZI, BASBG) [Ex cult.].
- Sedum brevifolium** var. **quinquefarium** 'Edinburgh' E. C. Nelson, Bradleya 11: 94, 1994. [Dated 1993, publ. Febr. 1994.]
- Sedum callichromum* (H. Ohba) R. Stephenson, Sedum Cult. Stonecrops, 305, 1994. *Nom. inval.* (Art. 33.1, 33.2), based on *Hylotelephium callichromum*. [Sphalm. 'callichroom'.]
- Sedum handelii* (H. Ohba) R. Stephenson, Sedum Cult. Stonecrops, 306, 1994. *Nom. inval.* (Art. 33.1, 33.2), based on *Rhodiola handelii*. [Sphalm. 'handelli'.]
- × **Thompsonophytum** C. H. Uhl, Cact. Succ. J. (US) 66(4): 179, 1994. [= *Thompsonella* × *Pachyphytum*.]
- × **Thompsonsedum** C. H. Uhl, Cact. Succ. J. (US) 66(4): 179, 1994. [= *Thompsonella* × *Sedum*.]
- × **Thompsonoveria** C. H. Uhl, Cact. Succ. J. (US) 66(4): 177, 1994. [= *Thompsonella* × *Echeveria*.]
- × **Villeveria** C. H. Uhl, Cact. Succ. J. (US) 66(5): 215, 1994. [= *Villadia* × *Echeveria*.]

CUCURBITACEAE

- Ibervillea fusiformis** (E. J. Lott) Keams, Madroño 41(1): 15, 1994. Basionym: *Dieterlea fusiformis*.
- Ibervillea guatemalensis** (Standley & Steyermark) Keams, Madroño 41(1): 17, 1994. Basionym: *Corallocarpus guatemalensis*.
- Tumamoca mucronata** Keams, Madroño 41(1): 27-29, ill., 1994. Typus: Johnston et al. 11525A (TEX).

DRACAENACEAE

- Sansevieria hargeisana** Chahinian, Sansevieria J. 3(3): 53-55, ill., map, 1994. Typus: *Lavranos* 7382 (MO, UPS).

EUPHORBACEAE

- Euphorbia brassii** P. I. Forster, Austrobaileya 4(2): 246-248, ill., 1994. Typus: *J. Brass* 31455 (K, A, CANB, L). [*Nom. nov. pro Euphorbia plumerioides* var. *macrocarpa* Radcliffe-Smith 1980.]
- Euphorbia geroldii** Rauh, Succulentes 17(1): 5-9, ill., 1994. Typus: *Rauh* 73926 (HEID).
- Euphorbia masirahensis** Ghazanfar, Novon 3(3): 258-260, ill., map, 1993. Typus: *Ghazanfar*

1515 (BSB, E, K, ON, SQUH). [First used as a nude name in Scripta Bot. Belg. 2: 62, 1992.]

- Euphorbia robivelonae** Rauh, Succulentes 17(1): 9-12, ill., 1994. Typus: *Rauh* 73927 (HEID).
Euphorbia umbraculiformis Rauh ms., Euphorbia J. 9: 26-27, ill., 1994. Based on *Röösli et Rechberger* s.n.. *Nom. inval.* (Art. 36.1).

HYACINTHACEAE

- Ornithogalum sardienii** Van Jaarsveld, Bradleya 12: 32-34, ill., 1994. Typus: *van Jaarsveld et al.* 10854 (NBG).

LAMIACEAE

- Plectranthus actites** P. I. Forster, Austrobaileya 4(2): 163-165, ill., 1994. Typus: *Forster* 7255 (BRI).
Plectranthus arenicola P. I. Forster, Muelleria 7(3): 375-378, ill., 1991. Typus: *Forster* 5835 (BRI, K, MEL, QRS) [Ex cult. Brisbane 1989.]. [Sphalm. 'arenicolus'.]
Plectranthus blakei P. I. Forster, Muelleria 7: 417-418, ill., 1992. Typus: *Forster* 1782 (BRI, CANB, K, MEL, NSW).
Plectranthus cyanophyllus P. I. Forster, Austrobaileya 4(2): 166, 168-169, ill., 1994. Typus: *Bean* 5188 (BRI, K, MEL, QRS).
Plectranthus excelsus P. I. Forster, Austrobaileya 4(2): 172-174, ill., 1994. Typus: *Forster et Tucker* 13543 (BRI, CBG, K, L, MEL, QRS).
Plectranthus minutus P. I. Forster, Austrobaileya 3(4): 734-736, ill. (p. 738), 1992. Typus: *Clarkson* 5902 (BRI, MBA, MEL, QRS).
Plectranthus nitidus P. I. Forster, Austrobaileya 3(4): 736-738, ill., 1992. Typus: *Hardwick* s.n. (BRI, K, L, MEL, NSW, QRS).
Plectranthus torrenticola P. I. Forster, Austrobaileya 3(4): 729-731, ill. (p. 738), 1992. Typus: *Forster et Sharpe* 7797 (BRI, CANB, K, MEL, NSW).

LENTIBULARIACEAE

- Pinguicula moctezumae** Zamudio & R. Z. Ortega, Acta Bot. Mex. No. 28: 57-62, ill., 1994. Typus: *Pérez-Calix* 2904 (IEB).

PORTULACACEAE

- Anacampserieae* Nyananyo, Feddes Repert. 101: 239, 1990. *Nom. inval.* (Art. 36.1). [Omitted previously.]
Anacampseros filamentosa ssp. *namaquensis* (H. Pearson & Stephens) G. D. Rowley, Bradleya 12: 110, 1994. Basionym: *Anacampseros namaquensis*.
Anacampseros scopata G. Williamson, Cact. Succ. J. (US) 66(1): 20-23, ill., map, 1994. Typus: *Williamson* 4600 (NBG).
Anacampseroteae Nyananyo ex G. D. Rowley, Bradleya 12: 108, 1994. Typus: *Anacampseros*

Linné. [Based on *Anacampserieae* Nyananyo 1990 (*nom. nud.*).]

- Avonia** (E. Meyer ex Fenzl) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros* subgen. *Avonia*.
Avonia albissima (Marloth) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros albissima*.
Avonia dinteri (Schinz) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros dinteri*.
Avonia herreana (von Poellnitz) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros herreana*.
Avonia papyracea (E. Meyer ex Fenzl) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros papyracea*.
Avonia papyracea ssp. *namaensis* (Gerbaulet) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros papyracea* ssp. *namaensis*.
Avonia quinaria (E. Meyer ex Fenzl) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros quinaria*.
Avonia quinaria ssp. *alstonii* (Schönland) G. D. Rowley, Bradleya 12: 111, 1994. Basionym: *Anacampseros alstonii*.
Avonia recurvata (Schönland) G. D. Rowley, Bradleya 12: 112, 1994. Basionym: *Anacampseros recurvata*.
Avonia recurvata ssp. *minuta* (Gerbaulet) G. D. Rowley, Bradleya 12: 112, 1994. Basionym: *Anacampseros recurvata* ssp. *minuta*.
Avonia rhodesica (N. E. Brown) G. D. Rowley, Bradleya 12: 112, 1994. Basionym: *Anacampseros rhodesica*.
Avonia ruschii (Dinter & von Poellnitz) G. D. Rowley, Bradleya 12: 112, 1994. Basionym: *Anacampseros ruschii*.
Avonia ustulata (E. Meyer ex Fenzl) G. D. Rowley, Bradleya 12: 112, 1994. Basionym: *Anacampseros ustulata*.
Cistanthe cabreræ (Añon) Peralta, Parodia 8(2): 271-272, 1993. Basionym: *Calandrinia cabreræ*. [Probably only validly published in R. Kiesling (ed.), Fl. San Juan 1: 159, 1994.]
Cistanthe frigida (Barnéoud) Peralta, in R. Kiesling, Fl. San Juan 1: 161, 1994. Basionym: *Calandrinia frigida*.
Cistanthe humilis (Philippi) Peralta, in R. Kiesling, Fl. San Juan 1: 162, 1994. Basionym: *Calandrinia humilis*.
Cistanthe laxiflora (Philippi) D. Ford, Cact. Succ. J. (US) 64(2): 59, 1994. *Nom. inval.* (Art. 33.2).
Cistanthe minuscula (Añon) Peralta, in R. Kiesling, Fl. San Juan 1: 163, 1994. Basionym: *Calandrinia minuscula*.
Cistanthe mucronulata (Meyen) D. Ford, Cact. Succ. J. (US) 64(2): 59, 1994. *Nom. inval.* (Art. 33.2).
Cistanthe stricta (Philippi) Peralta, in R. Kiesling, Fl. San Juan 1: 160, 1994. Basionym: *Calandrinia stricta*.
Grahamia australiana (J. Black) G. D. Rowley,

- Bradleya 12: 108, 1994. Basionym:
Anacampseros australiana.
- Grahamia coahuilensis** (S. Watson) G. D. Rowley, Bradleya 12: 108, 1994. Basionym:
Talinum coahuilense.
- Grahamia frutescens** (A. Gray) G. D. Rowley, Bradleya 12: 108, 1994. Basionym: *Talinopsis frutescens*.
- Grahamia kurtzii** (Bacigalupo) G. D. Rowley, Bradleya 12: 108, 1994. Basionym:
Anacampseros kurtzii.
- Grahamia vulcanensis** (Añón) G. D. Rowley, Bradleya 12: 108, 1994. Basionym:
Anacampseros vulcanensis.
- Montiopsis polycarpoides** (Philippi) Peralta, in R. Kiesling, Fl. San Juan 1: 167, 1994. Basionym: *Calandrinia polycarpoides*.
- Portulaca bulbifera** M. G. Gilbert, Nordic J. Bot. 14(3): 309, 1994. Typus: Dale K693 (K, EA).
- Portulaca commutata** M. G. Gilbert, Nordic J. Bot. 14(3): 308-309, 1994. Typus: Friis *et al.* 2710 (K, C, ETH, UPS).
- Portulaca constricta** M. G. Gilbert, Nordic J. Bot. 14(3): 307-308, 1994. Typus: Bally 7245 (K, EA).

BIBLIOGRAPHIA

- [1] Achenbach, H. et al. (1993). Cucurbitanes and cucurbitane-type glycosides from *Ibervillea sonorae*. *Phytochemistry* 33: 437-445. [Omitted previously.]
- [2] Adams, B. R. (1994). Specific and infraspecific concepts in rarely collected groups: the *Brachystelma gracile* complex (*Asclepiadaceae*) in the Flora Zambesiaca area. In: Seyani, J. H. & Chikuni, A. C. (eds.): Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991; vol. 1: 473-480, ills. Zomba (Malawi): National Herbarium and Botanical Garden.
- [3] Agnew, A. D. Q. & Agnew, S. (1994). Upland Kenya Wild Flowers. Nairobi (Kenya): East Africa Natural History Society. Ed. 2; 374 pp., keys, ills.
- [4] Aizen, M. A. (1993). Self-pollination shortens flower lifespan in *Portulaca umbraticola* H.B.K. (*Portulacaceae*). *Int. J. Pl. Sci.* 154(3): 412-415.
- [5] Alabaster, R. (1994). *Echinocereus triglochidiatus* and its varieties. *Brit. Cact. Succ. J.* 12(3): 105-106, ills. [Included on account of the illustrations.]
- [6] Alabaster, R. (1994). A trio of uncommon Echinocerei. *Cact. File* 2(2): 18-19, ills. [Included on account of the illustrations.]
- [7] Alanis Flores, G. J. et al. (1994). Datos fenológicos de *Dasyliiron longissimum* en un jardín botánico. *Cact. Suc. Mex.* 39(2): 43-47, ill.
- [8] Altesor, A. et al. (1994). Allometric neoteny and the evolution of succulence in cacti. *Bot. J. Linn. Soc.* 114(3): 283-292, ills.
- [9] Anderson, E. F. et al. (1994). Threatened cacti of Mexico. *Succ. Pl. Res.* 2: 136 pp., ills., map.
- [10] Anjaneyulu, V. et al. (1993). Two D:A-friedo-oleanane derivatives from *Euphorbia tortilis*. *Phytochemistry* 33(3): 647-649. [Cited from Euphorbiaceae Study Group Bull. 7(2): 110-111, 1994.]
- [11] Anonymus (1994). *Turbinicarpus hoferi* – zaujímavý z Nuevo León. *Cactaceae etc.* 4(1): 30-32, ills.
- [12] Antesberger, H. (1994). The habitat of *Melocactus communis* Lk. & O. on Tobago. *Brit. Cact. Succ. J.* 12(3): 109-111, ills.
- [13] Antesberger, H. & B. (1994). De Melocactussen van de Nederlandse Antillen. *Succulenta* 73(3): 121-123, ill.
- [14] Appenzeller, O. (ed.) (1994). Feldnummernliste von Alfred B. Lau. Teil II. Südamerika. 1968 - 1972. Frankenthal (D): Arbeitskreis für Mammillarienfreunde e.V. 106 pp., 1 ill. [= Sonderheft 1994 of the Arbeitskreis für Mammillarienfreunde e.V.]
- [15] Audissou, J.-A. (1994). Redécouverte de *Caralluma joannis* Maire. *Cact. Aventures* No. 23: 19-21, ills.
- [16] Audru, J. et al. (1994). Données nouvelles sur deux *Pachycymbium* (*Asclepiadaceae*) de Djibouti. *Candollea* 49(1): 187-194, ills.
- [17] Aura C., M. P. & Trujillo, B. (1994). Identificación de plantulas de *Cactaceae* representativas de algunos géneros presentes en Venezuela. *Ernstia* ser. 2, 4(1-2): 37-67, key, ills.
- [18] Battaia, L. & Zanovello, C. (1994). Note messicane. *Stenocereus eruca* (Brandege) Gibson & Horak. *Piante Grasse* 14(1): 17-21, ills., map.
- [19] Battaia, L. & Zanovello, C. (1994). Note Messicane. *Lenophyllum* Rose. *Piante Grasse* 14(2): 39-42, ills.
- [20] Battaia, L. & Zanovello, C. (1994). Note messicane. *Feroactus latispinus* (Haw.) Br. & Rose. *Piante Grasse* 14(3): 71-77, ills., map.
- [21] Bauer, R. (1994). *Weberocereus biolleyi* (Weber) Britton et Rose. *EPIG Rundschreiben* 6(4): 84-87, ills. [Included on account of the illustrations.]
- [22] Baum, D. A. & Oginuma, K. (1994). A review of chromosome numbers in *Bombacaceae* with new counts for *Adansonia*. *Taxon* 43(1): 11-20, ills.
- [23] Bayer, M. B. (1994). Leaf spirals in *Haworthia*. *Haworthiad* 8(1): 2-6, ills.
- [24] Böhnke, H.-D. (1993). Further studies of the sieve-element plastids of the *Caryophyllales* including *Barbeuia*, *Corrigiola*, *Lyallia*, *Microtea*, *Sarcobatus*, and *Telephium*. *Pl. Syst. Evol.* 186: 231-243. [Includes 16 species of *Cactaceae* with uniform P3cf-type plastids without qualitative differences.]
- [25] Böhnke, H.-D. (ed.) & Mabry, T. J. (ed.) (1994). *Caryophyllales*. Evolution and systematics. Berlin (D), etc.: Springer-Verlag. 334 pp., 86 ills.
- [26] Bercht, L. (1994). *Gymnocalycium baldianum* – seine Synonyme und eine neue Varietät. *Gymnos* 11(21): 1-9, ills., map.
- [27] Bergner, S. & Gerloff, N. (1994). Die Vielfalt des *Notocactus muricatus* (Otto in Pfeiffer) Berger ex Backeberg. *Internoto* 15(2): 39-51, ills., map.
- [28] Berka, L. (1994). Rod *Frailea* (Pehled). *Cactaceae etc.* 4(4: Suppl.): i-xxii, ills., maps.
- [29] Berka, L. (1994). *Frailea buenekeri* Abraham. *Kaktusy* 30(2): 48-51, ills., map.

- [30] Berka, L. (1994). Tajemná *Frailea colombiana* od Lobo Guerrero. *Kaktusy* 30(3): 75-78, ills., map.
- [31] Beyhl, F. (1994). Sukkulente Schwalbenwurzgewächse der Kanaren. *Palmengarten* 58(2): 115-119, ills. [On *Ceropegia*, *Caralluma*, *Periploca*.]
- [32] Binoj Kumar, M. S. (1994). The identity and distribution of three succulent *Euphorbias* from India. *Cact. Succ. J. (US)* 66(4): 169-172, ills., map.
- [33] Binoj Kumar, M. S. & Balakrishnan, N. P. (1994). Neotypification of *Euphorbia tortilis*. *Haseltonia* 2: 109-110, ills.
- [34] Boele, C. (1994). Three new species of *Brachystelma* Sims (*Asclepiadaceae*) from Zimbabwe. *Excelsa* 16: 29-33, ills.
- [35] Bouma, M. (1994). *Lophophora* sp. nova od Rio Verde. *Kaktusy* 30(2): 59-60, ills.
- [36] Bourgeois, C. (1994). *Les Didiereaceae* du sud malgache. *Succulentes* 17(3): 4-13, ills., maps, keys.
- [37] Brachet, C. & Lacoste, M. (1994). *Mammillaria huitzilopochtli*, *crucigera*, *tlalocii* et les autres... *Cact. Aventures* No. 21: 24-26, ills.
- [38] Brachet, C. & Lacoste, M. (1994). Warum all das Theater um *Mammillaria pseudocrucigera* Craig? *Mitteilungsbl. AfM* 18(1): 7-16, 26, 28, 30, ills.
- [39] Brandham, P. E. et al. (1994). A multidisciplinary study of relationships among the cremnophilous Aloes of northeastern Africa. *Kew Bull.* 49(3): 415-428, maps, chrom. nos., keys.
- [40] Breckwoldt, K. & S. (1994). Zwei selten besuchte Standorte in Mexiko. *Kaktusblüte* 1994: 4-5, ills. [Included on account of the illustrations of *Melocactus curvispinus* (as *M. delessertianus*) and *Echinocereus bristolii*.]
- [41] Bregman, R. (1994). *Notocactus* oder *Parodia*? *Internoto* 15(4): 121-123.
- [42] Bregman, R. (1994). *Borzicactinae*. 9. *Haageocereus maritimus*. *Succulenta* 73(3): 111-112, ill.
- [43] Brummitt, R. K. (1994). Report of the Committee for *Spermatophyta*: 41. *Taxon* 43(2): 271-277. [Includes reports on proposals concerning *Arthrocerus*, *Gymnocalycium*, *Coryphantha* and *Cereus jamacaru*.]
- [44] Bruyns, P. V. & Jonkers, H. A. (1994). The genus *Caralluma* R. Br. (*Asclepiadaceae*) in Oman. *Bradleya* 11: 51-69, ills., maps, key. [Dated 1993, publ. Febr. 1994.]
- [45] Bülow, B. (1994). Sukkulente *Commelinaceae* aus den Gattungen *Tradescantia* L., *Callisia* Loeffl. und *Cyanotis* D. Don. *And. Sukk.* 11(22): 5-8, t. 1-2.
- [46] Burton, C. M. (1994). *Hoya kentiana* C. M. Burton. *Hoyan* 15(3): 63, 45 (ill.).
- [47] Burton, C. M. (1994). *Hoya pubera* vs. *Hoya bilobata*. *Hoyan* 16(2): 23-27, ills.
- [48] Cahoon, K. (1994). *Sansevieria canaliculata*. *Cact. Succ. J. (US)* 66(1): 24-27, ills.
- [49] Carelli, G. & G. (1994). Osservazioni su una popolazione di *Sempervivum italicum* Ricci della Valle Majelama nel gruppo del Monte Velino. *Piante Grasse* 14(3): 63-70, ills.
- [50] Carter, S. (1994). *Aloaceae*. In: Polhill, R. M. (ed.): *Flora of Tropical East Africa*. Rotterdam (NL) / Brookfield (US): A. A. Balkema. 60 pp., ills., map, 4 pl., key.
- [51] Carter, S. (1994). A preliminary classification of *Euphorbia* subgenus *Euphorbia*. *Ann. Missouri Bot. Gard.* 81(2): 368-379.
- [52] Carter, S. (1994). Updating the flora: *Euphorbias* from East Africa, Part 9. *Euphorbia J.* 9: 210-220, ills.
- [53] Carter, S. (1994). *Euphorbia* hunting in Somalia. *Euphorbia J.* 9: 84-93, ills.
- [54] Carter, S. (1994). Le euforbie della Somalia. *Euphorbias of Somalia*. *Piante Grasse* 14(4): 95-107, ills.
- [55] Castillo, R. F. del (1994). Polinización y otros aspectos de la biología floral de *Ferocactus histrix*. *Cact. Suc. Mex.* 39(2): 36-43, ills.
- [56] Castroviejo, S. & Velayos, M. (1994). Acerca de *Sedum sedoides* (DC.) Rothm. y *Sedum candollei* Hamet (*Crassulaceae*). *Anales Jard. Bot. Madrid* 51(2): 319-320. [Dated 1993, publ. 1994.]
- [57] Cattabriga, A. (1994). Un sopralluogo nel sito di *Mammillaria herrerae* var. *albiflora*. *Piante Grasse* 14(2): 46-50, ills.
- [58] Cavallini, A. (1993). Cytophotometric and biochemical analyses of DNA variations in the genus *Aloe* L. *Int. J. Pl. Sci.* 154(1): 169-174.
- [59] Chahinian, B. J. (1994). *Sansevierias* from Kenya. *Brit. Cact. Succ. J.* 12(2): 68-72, ills.
- [60] Chahinian, B. J. (1994). *Sansevieria* touring Zimbabwe. *Excelsa* 16: 35-45, ills., map.
- [61] Chahinian, B. J. (1994). A *Sansevieria* safari. *Sansevieria J.* 3(1): 10-15, (2): 34-38, ills. [Included on account of the illustrations of Kenyan taxa.]
- [62] Chahinian, B. J. (1994). Zimbabwe for *Sansevierias*. *Sansevieria J.* 3(3): 65-69, ills. [Continued in vol. 4.]
- [63] Chalet, J.-M. (1994). *Arrojadoa eriocaulis* (Buining et Brederoo) et ses variétés *rosenbergeriana* (van Heek et Strecker) et *albicoronata* (van Heek, Paul et al.). *Succulentes* 17(3): 22-24, ills.
- [64] Chalet, J.-M. & Solichon, J.-M. (1994).

Sur le site naturel d'*Aztekium hintonii* (Glass et Fitz Maurice) et *Geohintonia mexicana* (Glass et Fitz Maurice). *Succulentas* 17(4): 29-32, ill.

[65] Chaudhary, R. & El Chazaly, G. (1994). Pollen morphology of *Euphorbia caputmedusae*. *Grana* 33(3): 124-127, ill.

[66] Cházaro Basáñez, M. J. et al. (1994). *Sedum longipes* Rose (Crassulaceae) en Jalisco, México. *Cact. Suc. Mex.* 39(1): 18-21, ill.

[67] Cházaro Basáñez, M. J. et al. (1994). Cactáceas y otras suculentas de la región de Tapalpa, Jalisco (México). *Cact. Suc. Mex.* 39(4): 75-81, map, ill.

[68] Chen, Z.-S. et al. (1993). Disformone and dischidiol from *Dischidia formosana*. *Phytochemistry* 34: 783-786.

[69] Christensen, E. (1993). *Crassula helmsii* (T. Kirk) Cockayne – neu in Schleswig-Holstein. *Kieler Notizen* 22: 1-7.

[70] Chvástek, J. (1994). Autentický o *Thelocactus wagnerianus* Berg. *Kaktusy* 30(3): 93-94, ill.

[71] Clark, J. Y. (1994). Whiter than white? Mesemb Study Group Bull. 9(2): 36. [On fluorescence in *Lithops* flowers.]

[72] Clark, P. (1994). *Frerea indica* Dalzell [sic, Dalziel] – a review. *Asklepios* No. 63: 23-35, ill.

[73] Clement, J. S. et al. (1994). Chemical review and evolutionary significance of the betalains. In: Behnke, H.-D. & Mabry, T. J. (eds.): *Caryophyllales*. Evolution and systematics; pp. 247-261. Berlin (D) / New York (US) Springer.

[74] Cogt, R. & Oberprieler, C. (1994). Chromosome numbers of North African phanerogams. IV. *Candollea* 49(2): 549-570, map. [Includes data for *Portulaca oleracea* (p. 565) from Morocco.]

[75] Cornet, M. (1994). Quelques succulentes dans l'œuvre de Lamarck. *Succulentas* 17(2): 13-20, ill.

[76] Cota, J. H. & Philbrick, C. T. (1994). Chromosome number variation and polyploidy in the genus *Echinocereus* (Cactaceae). *Amer. J. Bot.* 81(8): 1054-1062, ill., chrom. nos., maps.

[77] Craib, C. (1994). Field studies and cultivation of some *Brachystelma* species in the Eastern Cape, the Eastern Free State (including Qua Qua) and the Transvaal. *Excelsa* 16: 11-23, ill.

[78] Craib, C. & Batten, A. (1994). *Brachystelma incanum*. *Flow. Pl. Afr.* 53: 48-53, t. 2090, map.

[79] Croizat, L. (1993). On the structural and development history of the capsule of *Mesembryanthemum* s.l. *Kirkia* 14(1): 145-169, ill.

[80] Dagne, E. et al. (1994). Anthraquinones, pre-anthraquinones, and isoeleutherol in the roots of *Aloe* species. *Phytochemistry* 35: 401-406.

[81] Dehgan, B. & Schutzman, B. (1994). Contributions toward a monograph of neotropical *Jatropha*: phenetic and phylogenetic analyses. *Ann. Missouri Bot. Gard.* 81(2): 349-367, diags.

[82] Delange, Y. (1994). Le genre *Senecio* Linné dans les espaces arides. *Succulentas* 17(2): 6-12, ill.

[83] Denton, M. F. (1994). SEM analysis of leaf epicuticular waxes of *Sedum* section *Gormanina* (Crassulaceae). *Brittonia* 46(4): 296-308, ill.

[84] Dieringer, G. & Cabrera, R. L. (1994). Sexual selection of anther trichomes and sexual dimorphism in *Ibervillea lindheimeri* (Cucurbitaceae: Melothriaceae). *Amer. J. Bot.* 81(1): 111-118, ill.

[85] Ditsch, F. & Barthlott, W. (1994). Mikromorphologie der Epicuticularwachse und die Systematik der *Dilleniales*, *Lecythidales*, *Malvales* und *Theales*. *Trop. subtrop. Pfl.-welt* 88: 74 pp., SEM-ills. [Includes the families *Icacinaeae* and *Bombacaceae*.]

[86] Dorr, L. J. (1994). The vascular plant collections of R. S. Williams from Bolivia and Peru (1901 - 1902). *Addenda et corrigenda*. *Brittonia* 46(1): 62-65. [Includes locality data for *Rhipsalis cuneata*.]

[87] Downie, S. R. & Palmer, J. D. (1994). Phylogenetic relationship using restriction site variation of the chloroplast DNA inverted repeat. In: Behnke, H.-D. & Mabry, T. J. (eds.): *Caryophyllales*. Evolution and systematics; pp. 223-233. Berlin (D) / New York (US): Springer.

[88] Downie, S. R. & Palmer, J. D. (1994). A chloroplast DNA phylogeny of the *Caryophyllales* based on structural and inverted repeat restriction site variation. *Syst. Bot.* 19(2): 236-252.

[89] Dustmann, J. H. & Ohe, K. von der (1993). Scanning electron microscopic studies on pollen from honey. IV. Surface pattern of pollen of *Sapium sebiferum* and *Euphorbia* spp. (*Euphorbiaceae*). *Apidologie* 24(1): 59-66. [Cited from *Euphorbiaceae* Study Group Bull. 6(3): 134, 1993.]

[90] Eggli, U. (1994). *Sukkulenten*. Stuttgart (D): Ulmer Verlag. 336 pp., ill., maps, keys.

[91] Eggli, U. (1994). Xerophytic *Euphorbias* from Brazil. *Euphorbia J.* 9: 11-23, ill.

[92] Eggli, U. & Taylor, N. P. (1994). List of Names of Succulent Plants (other than Cacti) from Repertorium Plantarum Succulentarum 1950-1992. Richmond (GB): The Royal Botanic Gardens Kew. 176 pp.

[93] El Ghazaly, G. & Chaudhary, R. (1994). Morphology and taxonomic application of orbicules (Ubisch bodies) in the genus *Euphorbia*.

Grana Suppl. 2: 26-32, ill.

[94] Elizondo Elizondo, J. et al. (1994). Micromorfología de las semillas de algunas especies de la tribu *Cacteae* (*Cactaceae*). *Cact. Suc. Mex.* 39(3): 59-67, SEM-ills.

[95] Ewest, W. (1994). Geophytische Euphorbien (Teil 2). *And. Sukk.* 12(2 = No. 24): 7-15, t. 1-2. [Mainly on *Euphorbia trichadenia*.]

[96] Fernández-Nava, R. et al. (1994). Ejemplares tipo de cactáceas y suculentas depositados en el herbario de la ENCB del IPN. *Cact. Suc. Mex.* 39(2): 33-36.

[97] Fickenscher, K. (1994). Die Entwicklungslinie von *Echinopsis* bis *Weingartia*. Inform.-brief Freundeskr. Echinopseen No. 18: 2-5.

[98] Figueira, J. E. C. et al. (1994). Saurochory in *Melocactus violaceus* (*Cactaceae*). *Biotropica* 26(3): 295-301, ill.

[99] Fitz Maurice, W. A. & B. (1994). *Mammillaria schwarzii* revisited. *Cact. Succ. J. (US)* 66(3): 107-109, ill. [German translation in *Schumannia* 1: 36-39, 1994, and in *Mitteilungsbl. AfM* 18(3): 163-169, ill., 1994.]

[100] Fleming, T. H. et al. (1994). Reproductive biology and relative male and female fitness in a triocious cactus, *Pachycereus pringlei* (*Cactaceae*). *Amer. J. Bot.* 81(7): 858-867.

[101] Forster, P. I. (1994). Notes on some recently named and unnamed taxa of *Hoya* (*Asclepiadaceae*). *Asklepios* No. 61: 20.

[102] Forster, P. I. (1994). *Sarcostemma* (*Asclepiadaceae*) in the Philippines and New Caledonia. *Asklepios* No. 61: 21.

[103] Forster, P. I. (1994). Ten new species of *Plectranthus* L'Her. (*Lamiaceae*) from Queensland. *Austrobaileya* 4(2): 159-186, ill., key. [Includes a key to *Plectranthus* in Queensland.]

[104] Forster, P. I. (1994). Revision of *Euphorbia plumerioides* Teijsm. ex Hassk. (*Euphorbiaceae*) and allies. *Austrobaileya* 4(2): 227-246, ill., key.

[105] Forster, P. I. (1994). Tropical beaches and *Euphorbia atoto* in Australia and Papuaia. *Cact. Succ. J. (US)* 66(1): 7-10, ill.

[106] Forster, P. I. (1994). Type collections of African *Asclepiadaceae* in the National Herbarium of Victoria (MEL). *Muelleria* 8: 141-149.

[107] Forster, P. I. & Liddle, D. J. (1994). Type collections of *Asclepiadaceae* at Herbarium Bogoriense (BO). *Aust. Syst. Bot.* 7: 507-519.

[108] Frank, G. R. W. (1994). *Echinocereus metonii* G. R. W. Frank – ein Beitrag zur Klärung der Verwandtschaft. *Kakt. and. Sukk.* 45(12): 252-259, ill., SEM-ills., map.

[109] Fürsch, H. (1994). Die Opuntien der Mojavewüste. *Kakt. and. Sukk.* 45(4): 70-74, ill., key.

[110] Fuller, G. & Mays, H. (1994). Variegation. *Haworthiad* 8(4): 2-8, ill. [On variegated *Haworthia*.]

[111] Fuschillo, F. & Hole, G. (1994). Die beiden Gesichter eines *Gymnocalycium*. *Gymnos* 11(22): 61-63, ill. [On cultivation experiment.]

[112] Galván, R. et al. (1994). Plantas suculentas del Estado de Guanajuato. *Cact. Suc. Mex.* 39(1): 13-17, ill.

[113] Gandhi, R. (1994). Indian euphorbias update – 1994. *Euphorbiaceae Study Group Bull.* 7(1): 4-8.

[114] Gerbaulet, M. (1994). Cladistic biogeography of the genus *Anacampseros* L. (*Portulacaceae*) in southern Africa. In: Seyani, J. H. & Chikuni, A. C. (eds.): *Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991*; vol. 2: 1145-1151. Zomba (Malawi): National Herbarium and Botanical Garden.

[115] Gerbaulet, M. (1994). Lectotypification of *Phyllobolus* N. E. Br. (*Aizoaceae* s.str.). *Taxon* 43(1): 75-76.

[116] Gerloff, N. (1993). *Notocactus herteri* Werdermann. *Kakt. and. Sukk.* 45(1): 16-17, ill. [Dated 1994, publ. late Dec. 1993.]

[117] Gerloff, N. (1994). *Notocactus mammulosus* in Südbrasilien. *Frankfurter Kakt.-Freund* 1994(2): 28-33, ill., map.

[118] Gerloff, N. (1994). Zur Insertion der Staubblätter bei den Notokakteen. *Internoto* 15(1): 14-19, ill.

[119] Gerloff, N. (1994). *Notocactus megapotamicus* (Osten) Herter var. *crucicentrus* Ritter wiedergefunden. *Internoto* 15(4): 132-136, ill.

[120] Gerloff, N. (1994). *Frailea* Britton & Rose 1922. *Kaktus* (Odense) 29(1): 3-6, (2): 28-30, (3): 60-63, (4): 85-87, ill., map.

[121] Gerloff, N. (1994). *Notocactus leprosorum* (Ritter) Havlicek. *Minimum* 1994(1): 1-3, ill. [Probably published earlier elsewhere.]

[122] Gerloff, N. (1994). *N.[otocactus] arechavaletae* var. *areus* Ritter – nur eine gelbdornige Form von *N. ottonis*? Rundbrief *Internoto* Arbeitskr. 1a 1994(1): 4-10, ill.

[123] Gerloff, N. (1994). Op zoek naar *Notocactus harmonianus* Ritter. *Succulenta* 73(4): 180-186, ill., map. [German text in Rundbrief *Internoto* Arbeitskr. 1a, 1994(2): 1-11.]

[124] Gerloff, N. & Königs, G. (1994). Zur nachgewiesenen Verbreitung der Pflanzen um *N.[otocactus] uebelmannianus* Buning. *Internoto* 15(4): 111-120, ill., maps.

[125] Gertel, W. (1994). Gedanken zur

Entstehung von *Sulcorebutia* und *Weingartia*. Inform.-brief Freundeskr. Echinopseen No. 19: 2-4.

[126] Ghazanfar, S. A. (1993). A new species of *Euphorbia* (*Euphorbiaceae*) from Masirah Island, Sultanate of Oman. *Novon* 3(3): 258-260. [Includes a key to aphyllous succulent taxa.]

[127] Ghazanfar, S. A. (1994). Novitates from the flora of the Sultanate of Oman. *Edinburgh J. Bot.* 51(1): 59-63. [Includes *Caralluma edulis*.]

[128] Gilbert, M. G. (1994). The relationships of the *Euphorbieae* (*Euphorbiaceae*). *Ann. Missouri Bot. Gard.* 81(2): 283-288, ills.

[129] Glass, C. (1994). In search of *Echeverias*. *Cact. File* 2(2): 9-11, ills.

[130] Goyder, D. J. (1994). *Asclepiadaceae* Guineae Aequatorialis nonnullae. *Fontqueria* 39: 9-12, maps. [Includes *Cynanchum*.]

[131] Goyder, D. J. & Kent, D. H. (1994). *Micholitzia obcordata* N. E. Br. (*Asclepiadaceae* – *Marsdenieae*) reinstated. *Asklepios* No. 62: 13-19, ills., map, pl.

[132] Grantham, K. (1994). The fascination of *Frerea indica*. *Cact. File* 2(1): 18-19, ills.

[133] Green, T. (1994). A broom: *Absolmsia spartiodes* [sic] Kuntze. *Fraterna* 1993(4): 3-4, ills. [Reprinted in *Asklepios* No. 61: 34-36, ills., 1994.]

[134] Grubenmann, M. & Eggli, U. (1994). Pollination of a Madagascan *Euphorbia* species. *Haseltonia* 2: 97-102, ills.

[135] Ham, R. C. H. J. van (1994). Phylogenetic implications of chloroplast DNA variation in the *Crassulaceae*. *Utrecht (NL): Ph.D. thesis, University of Utrecht.* 153 pp., diags.

[136] Ham, R. C. H. J. van et al. (1994). Molecular evolution of noncoding regions of the chloroplast genome in the *Crassulaceae* and related species. *Curr. Genet.* 25: 558-566.

[137] Ham, R. C. H. van & Hart, H. 't (1994). Evolution of *Sedum* series *Rupestria* (*Crassulaceae*): evidence from chloroplast DNA and biosystematic data. *Pl. Syst. Evol.* 190: 1-20.

[138] Hammer, S. A. (1994). Mrs van der Bijl's mummies. *Aloe* 31(2): 48-50, ills.

[139] Hammer, S. A. (1994). Macro-observations on *Cheiridopsis* N. E. Br. and *Odontophorus* N. E. Br. (*Aizoaceae*). *Bradleya* 11: 75-85, ills., maps. [Dated 1993, publ. Febr. 1994.]

[140] Hammer, S. A. (1994). Distracted by *Dactyloopsis*. *Cact. Succ. J. (US)* 66(4): 166-168, ill.

[141] Hammer, S. A. (1994). Beautiful Bulbines. *Cact. Succ. J. (US)* 66(5): 225-227, ills.

[142] Hammer, S. A. (1994). *Vlokia*, a new

genus in *Aizoaceae*. *Cact. Succ. J. (US)* 66(6): 255-258, ills.

[143] Hammer, S. A. (1994). Notes on Japanese *Haworthias*. *Haworthiad* 8(3): 6-9. [On mutations, hybrids, sports, and selections of *Haworthia* taxa in Japanese cultivation.]

[144] Hammer, S. A. (1994). A tardy *Nananthus*. *Mesemb Study Group Bull.* 9(1): 22. [On *Nananthus margaritifera*.]

[145] Hammer, S. A. (1994). Rhinefile Two. *Mesemb Study Group Bull.* 9(2): 43-44. [Notes on the genus *Rhinephyllum*.]

[146] Hammer, S. A. (1994). A note on *Argyrops* and *Dinterops*. *Mesemb Study Group Bull.* 9(3): 50.

[147] Hammer, S. A. (1994). Thoughts on *Lithops verruculosa*. *Mesemb Study Group Bull.* 9(4): 72-74.

[148] Hammer, S. A. (1994). *Dinteranthus vanbrownii*, or credit due. *Mesemb Study Group Bull.* 9(4): 81-82. [On the history of the discovery of *Dinteranthus vanzylii*.]

[149] Hargreaves, B. J. (1994). The *Euphorbia schinzii* complex. *Euphorbia J.* 9: 147-153, ills., maps.

[150] Hargreaves, B. J. (1994). The succulent *Euphorbias* of Malawi. *Euphorbia J.* 9: 174-189, ills.

[151] Hargreaves, B. J. (1994). *Euphorbia guerichiana*. *Euphorbiaceae Study Group Bull.* 7(1): 9-13, map.

[152] Hargreaves, B. J. (1994). *Euphorbia tirucalli* L. *Euphorbiaceae Study Group Bull.* 7(2): 66-73, ill., map. [On its status as introduced in Botswana.]

[153] Hargreaves, B. J. (1994). *Euphorbia rectirama* N. E. Br. *Euphorbiaceae Study Group Bull.* 7(3): 132-138, ills., map; 8(1): 7 [erratum].

[154] Hart, H. 't (1994). The evolution of life-forms, growth-forms, and secondary growth in Eurasian *Sedoideae* (*Crassulaceae*). *Bradleya* 12: 37-56, ills.

[155] Hart, H. 't (1994). The *Sedum rupestre* group. *Sedum Soc. Newslett.* No. 28: 8-22, ills., key.

[156] Hart, H. 't (1994). The unilacunar two-trace nodal structure of the caudex of *Rhodiola rosea* L. (*Crassulaceae*). *Bot. J. Linn. Soc.* 116: 235-241, ills.

[157] Hartmann, H. E. K. (1994). On the phytogeography and evolution of *Mesembryanthema* (*Aizoaceae*). In: Seyani, J. H. & Chikuni, A. C. (eds.): *Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991*; vol. 2: 1165-1180, maps. Zomba (Malawi): National Herbarium and Botanical Garden.

[158] Hartmann, H. E. K. (1994). Notes on

- Aloinopsis*. Mesemb Study Group Bull. 9(2): 27, 29, key.
- [159] Hartmann, H. E. K. & Gölling, H. (1994). A monograph of the genus *Glottiphyllum* (*Mesembryanthema*, *Aizoaceae*). Bradleya 11: 1-49, ill., diags., map, key. [Dated 1993, publ. Febr. 1994.]
- [160] Hartmann, H. E. K. & Rust, S. (1994). Monographien der Gattung *Leipoldtia* L. Bolus s.lat. (*Aizoaceae*). Verh. naturwiss. Vereins Hamburg n.s., 34: 275-351, ill., key, maps.
- [161] Hartmann, H. E. K. & Stüber, D. (1994). Erweiterung der Gattung *Leipoldtia* um zwei domenträgende Arten (*Mesembryanthema*, *Aizoaceae*). Verh. naturwiss. Ver. Hamburg n.s., 34: 353-372, ill., maps.
- [162] Havlicek, R. (1994). Neugliederung der Untergattung *Malacocarpus* Buxbaum (1967), Teil I / Teil II. Internoto 15(3): 87-94, (4): 124-131, ill.
- [163] Heath, P. V. (1994). The type of *Crassula fruticulosa* Linné. Calyx 4(2): 42-43.
- [164] Heath, P. V. (1994). The type of *Aloinopsis* Schwantes. Calyx 4(2): 46.
- [165] Heath, P. V. (1994). The history of *Cactus* Linné. Calyx 4(2): 66-67.
- [166] Heath, P. V. (1994). The illegitimacy of *Platyopuntia* Fric. Calyx 4(2): 68-69.
- [167] Heath, P. V. (1994). The type of *Boucerosia* Wight & Walker-Arnett. Calyx 4(2): 70.
- [168] Heath, P. V. (1994). Commentary on the proposal to conserve *Jatropha* Linné. Calyx 4(3): 100-102.
- [169] Heath, P. V. (1994). The illegitimacy of *Cactus compressus* Salisbury. Calyx 4(3): 115-116.
- [170] Heath, P. V. (1994). The type of *Cactus opuntia* Linné. Calyx 4(3): 87.
- [171] Heath, P. V. (1994). Notes on allegedly improbable crosses. Calyx 4(3): 89.
- [172] Heath, P. V. (1994). The invalidity of *Melocactus caroli-linnaei* Taylor. Calyx 4(3): 90-91.
- [173] Heath, P. V. (1994). A synopsis of *Monanthes* Haworth. Calyx 4(3): 92-93.
- [174] Heath, P. V. (1994). The history of *Byrnesia weinbergii* (Shepherd) Rose. Calyx 4(4): 131-133.
- [175] Heath, P. V. (1994). New nothogeneric names in the *Asphodelaceae*. Calyx 4(4): 146-147.
- [176] Heath, P. V. (1994). The etymologies of Nolinaceous names. Calyx 4(4): 157.
- [177] Heath, P. V. (1994). Supplementary notes on *Rowleyara* Heath. Calyx 4(4): 159-160.
- [178] Heath, P. V. (1994). Commentary on the proposal to conserve *Stenocereus* (Berger) Riccobono, with twelve supplementary proposals to conserve. Calyx 5(1): 1-10.
- [179] Heath, P. V. (1994). Commentary on the conservation of *Coryphantha* (Engelmann) Lemaire, with three supplementary proposals to conserve. Calyx 5(1): 11-12.
- [180] Heath, P. V. (1994). Commentary on the failure to conserve *Arthrocerus* (Berger) Backeberg & Knuth, with five supplementary proposals to conserve. Calyx 5(1): 13-14.
- [181] Heath, P. V. (1994). The type of *Redivia* Hagen. Calyx 5(1): 17-18.
- [182] Heath, P. V. (1994). Commentary on the proposal to conserve *Cotyledon*. Calyx 5(1): 22-26.
- [183] Hedgecock, G. A. (1994). *Stapelia gigantea* "The Big One". Asklepios No. 61: 27-29, ill.
- [184] Heil, K. D. & Porter, J. M. (1994). *Sclerocactus* (*Cactaceae*): A revision. Haseltonia 2: 20-46, maps, ill., key.
- [185] Heine, R. (1994). Eine gelbblühende *Lithops marmorata* (N. E. Brown) N. E. Brown. Kakt. and. Sukk. 45(7): 149.
- [186] Hennig, S. et al. (1994). Mikromorphologie der Epicuticularwache und die Systematik der *Magnoliidae*, *Ranunculidae* und *Hamamelididae*. Trop. subtrop. Pfl.-welt 90: 60 pp., ill. [Includes *Piperaceae*, *Menispermaceae*, *Moraceae*, *Urticaceae*.]
- [187] Hernández, H. M. & Godínez A., H. (1994). Contribución al conocimiento de las Cactáceas Mexicanas amenazadas. Acta Bot. Mex. 26: 33-52.
- [188] Hershkovitz, M. A. et al. (1994). Ribosomal DNA phylogenetics of *Portulacaceae* and allied families. Amer. J. Bot. 81(6: Suppl.): 160-161. [Abstract only.]
- [189] Herzog, E. (1993). Gedanken zur *Lobivia culpinensis* Ritter. Inform.-brief Freundeskreis Echinopseer No. 17: 9-14, ill., map. [Omitted previously.]
- [190] Herzog, E. (1994). *Rebutia torotorensis* und *Rebutia purpurea*. Gedanken zu diesem Pflanzenkomplex. Inform.-brief Freundeskr. Echinopseer No. 18: 19-21.
- [191] Hillmann, R. (1994). *Weingartia pygmaea* F. Ritter. Kakt. and. Sukk. 45(10): 201-203, ill.
- [192] Hils, M. (1994). Stellungnahme zum Artikel "Ist *M.[ammillaria] lindsayi* Craig v. *rubriflora* Hils nur ein neuer Name für *M. craigii* Lindsay?". Mitteilungsbl. AfM 18(3): 129-134, 146, 148, 150, ill.

- [193] Hjertson, M. L. (1994). The identity of *Echinopsis pygmaea* R. E. Fr. (*Cactaceae*). *Taxon* 43(3): 455-457.
- [194] Hochstätter, F. (1994). *Pediocactus bradyi*, een revisie. *Succulenta* 73(1): 4-10, (2): 55-62, ills., SEM-ills., map.
- [195] Hochstätter, F. (1994). Revisie van het geslacht *Pediocactus* – 1. *Navajoa* en *Toumeya*. *Succulenta* 73(3): 131-142, ills., map, SEM-ills.
- [196] Hochstätter, F. (1994). *Sclerocactus spinosior* var. *schleseri* en *S. nyensis*. *Succulenta* 73(3): 143.
- [197] Hochstätter, F. (1994). Revisie van het geslacht *Pediocactus* - 2. *Succulenta* 73(5): 204-213, ills., SEM-ills., map.
- [198] Hofacker, A. (1994). *Floribunda bahiensis* Braun & Esteves. Eine kulturwürdige Neuentdeckung aus Brasilien. *Kakt. and. Sukk.* 45(6): 120-123, (8): 171, ills., SEM-ill. [Included on account of the illustrations.]
- [199] Hofacker, A. & Herm, K. (1994). Die Gattung *Gymnocalycium* im Süden Brasiliens und in Uruguay. *Gymnocalycium* 7(1): xxxvii-xl, ills.
- [200] Hofacker, A. & Herm, K. (1994). Die Gattung *Gymnocalycium* im Süden Brasiliens und in Uruguay. 2. *Gymnocalycium horstii*-Komplex. *Gymnocalycium* 7(2): xlv-xlvi, ills.
- [201] Hofacker, A. & Herm, K. (1994). Die Gattung *Gymnocalycium* im Süden Brasiliens und in Uruguay. 3. *Gymnocalycium uruguayense*-Komplex in Brasilien. *Gymnocalycium* 7(4): xlxiii-xxlv, ills. [Concluded in vol. 8.]
- [202] Hofmann, B. (1994). Die Mammillarien Süd-Kaliforniens und West-Arizonas. *Mitteilungsbl. AfM* 18(4): 197-204, 206, ills.
- [203] Hofmann, J. (1994). *Turbincarpus kranzianus* (Frank) Backeberg var. *minimus* (Frank) Diers. *Kakt. and. Sukk.* 45(5): 86-87, ills.
- [204] Hofstee, K. H. et al. (1994). Die Untergattung *Dolichochele* innerhalb der Gattung *Mammillaria*. *Mitteilungsbl. AfM* 18(1): 41-49, map.
- [205] Hummelinck, P. W. (1994). Opuntia-problemen op de Bovenwindse Eilanden van de Kleine Antillen. *Succulenta* 73(1): 24-31, ills., map, (6): 272 [erratum].
- [206] Hummelinck, P. W. (1994). Over *Cephalocereus swartzii* van de Cayman Eilanden. *Succulenta* 73(2): 79-80, ill.
- [207] Hummelinck, P. W. (1994). Overzicht van de cactussen der Nederlandse Antillen. *Succulenta* 73(6): 264-272, ills.
- [208] Hunt, D. R. (1993). The *Commelinaceae* of Mexico. In: Ramamoorthy, T. P. et al. (eds.): *Biological diversity of Mexico: origins and distribution*; pp. 421-438. Oxford (GB) / New York (US): Oxford University Press.
- [209] Huxley, C. R. (1993). The tuberous epiphytes of the *Rubiaceae*. 6. A taxonomic history of the *Hydnophytinae*. *Blumea* 37: 335-340.
- [210] Huxley, C. R. & Jebb, M. H. P. (1993). The tuberous epiphytes of the *Rubiaceae*. 5. A revision of *Myrmecodia*. *Blumea* 37: 271-334. [Omitted previously.]
- [211] Jaarsveld, E. J. van (1994). The distribution of *Tylecodon* and *Cotyledon* (*Crassulaceae*) in South Africa and Namibia. In: Seyani, J. H. & Chikuni, A. C. (eds.): *Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991*; vol. 2: 1157-1163. Zomba (Malawi): National Herbarium and Botanical Garden.
- [212] Jaarsveld, E. J. van (1994). The *Sansevieria* species of South Africa and Namibia. *Aloe* 31(1): 11-15, ills., key.
- [213] Jaarsveld, E. J. van (1994). The establishment of *Gasteria baylissiana* in its habitat on the Zuurburg, E. Cape (South Africa). *Brit. Cact. Succ. J.* 12(2): 73-74, ills.
- [214] Jaarsveld, E. J. van (1994). *Saphesia flaccida* and its conservation. *Brit. Cact. Succ. J.* 12(3): 98-103, ills., map.
- [215] Jaarsveld, E. J. van (1994). Die papierkannetje van Aggenys. *Conophytum burgeri*. *Veld & Flora* 80(1): 20-21, ills.
- [216] Jaarsveld, E. J. van & Cowling, S. (1994). The succulent flora of the greater Cape Peninsula. *Aloe* 31(1): 21-29, ills., diag., map. [Includes a checklist.]
- [217] Jaarsveld, E. J. van & Ward-Hilhorst, E. (1994). *Gasterias* of South Africa. A new revision of a major succulent group. Vlaeberg (RSA): Fernwood Press in association with the National Botanical Institute. 96 pp., ills., maps, keys.
- [218] Jaarsveld, E. J. van & Weber, R. (1994). *Gasteria carinata* var. *retusa*. *Flow. Pl. Afr.* 53: 86-89, t. 2097, map.
- [219] Jaarsveld, E. J. van et al. (1994). A cladistic analysis of *Gasteria* (*Aloaceae*). *South Afr. J. Sci.* 90(8-9): 467-470, ills., maps.
- [220] Jaarsveld, E. van (1994). Distribution of *Gasteria* (*Asclepiadaceae*). In: Seyani, J. H. & Chikuni, A. C. (eds.): *Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991*; vol. 2: 1153-1155, maps. Zomba (Malawi): National Herbarium and Botanical Garden.
- [221] Jacobs, N. (1994). Kaokoveld Euphorbias. *Euphorbia* J. 9: 154-173, ills., map.
- [222] Jankalski, S. (1993). *Lewisia*s, no more! *Hardy Cact. Succ. Bull.* 2(4): 78-84.
- [223] Jankalski, S. (1994). *Opuntia woodsii* is the "Tomato Red" prickly pear. *Hardy Cact. Succ. Bull.* 3(1): 19-20.
- [224] Jeffries, L. (1994). Abnormal behaviour of

- male flowers of *Pilea peperomioides* in cultivation. Brit. Cact. Succ. J. 12(3): 104.
- [225] Jensen, U. et al. (1994). Legumin-like proteins and the systematics of the *Euphorbiaceae*. Ann. Missouri Bot. Gard. 81(2): 160-179.
- [226] Johnson, S. D. et al. (1993). Moth pollination and rhythms of advertisement and reward in *Crassula fascicularis* (*Crassulaceae*). South Afr. J. Bot. 59(5): 511-513. [Omitted previously.]
- [227] Jonkers, B. (1994). A taste of southern Somalia. Euphorbia J. 9: 124-146, ills., map.
- [228] Jonkers, B. (1994). Distribution and habitat of *Euphorbia* in Oman. Euphorbia J. 9: 30-62, ills., diag., map.
- [229] Jose, J. et al. (1994). Karyotype analysis in *Peperomia* Ruiz et Pav. Caryologia 47: 75-80.
- [230] Judd, W. S. et al. (1994). Angiosperm family pairs: preliminary phylogenetic analyses. Harvard Papers Bot. No. 5: 1-51. [Includes *Apocynaceae* and *Asclepiadaceae*.]
- [231] Justin, C. (1993). Über bemerkenswerte Vorkommen ausgewählter Pflanzensippen auf Serpentinstandorten Österreichs, Sloweniens sowie der Tschechischen Republik. Linzer Biol. Beitr. 25(2): 1033-1091. [Includes *Sempervivum pittonii* and *Jovibarba hirta* (*Crassulaceae*). Omitted previously.]
- [232] Kaiser, R. & Tollsten, L. (1994). An introduction to the scent of cacti. Dübendorf (CH): Givaudan-Roure Research Ltd. 9 pp., 14 figs. & diags. [Unpublished text of oral report given at the 25. International Symposium on Essential Oils, Sept. 1994, Grasse, France.]
- [233] Kattermann, F. (1994). SEM observations of seed of the genus *Eriosyce*. Haseltonia 2: 47-60, SEM-ills.
- [234] Kattermann, F. (1994). Die neue Monographie der Gattung *Eriosyce* – Ein Überblick. Kakt. and. Sukk. 45(11): 225-229, ills., map.
- [235] Kattermann, F. (1994). *Eriosyce* (*Cactaceae*). The genus revised and amplified. With contributions by J. M. Lüthy, R. S. Wallace, D. Hunt, N. Taylor and D. Zappi. Succ. Pl. Res. 1: 176 pp., ills., key, SEM-ills., maps.
- [236] Käisinger, F. (1994). Von Santa Maria nach San Fernando del Valle de Catamarca. Mitteilungsbl. Inter-Parodia-Kette 1994(3): 8-14, ills., map. [On the variability of *Parodia microsperma* agg.]
- [237] Kearns, D. M. (1994). The genus *Ibervillea* (*Cucurbitaceae*): an enumeration of the species and two new combinations. Madroño 41(1): 13-22, key.
- [238] Kearns, D. M. (1994). A revision of *Tumamoca* (*Cucurbitaceae*). Madroño 41(1): 23-29, ills., key.
- [239] Kiesling, R. (1994). *Monvillea kroenleinii*, a new species from Paraguay. Cact. Succ. J. (US) 66(4): 157-165, ills., SEM-ill., key.
- [240] Kleszewski, K.-P. (1994). Begegnung mit Astrophyten an der Huizache-Kreuzung. Kaktusblüte 1994: 48-51, ills.
- [241] Kloppenburg, D. (1993). Dr. Schlechter's *Hoya* species. Fresno (US: CA): published by the author. 166 pp., ills.
- [242] Kloppenburg, D. (1994). Philippine *Hoya* species. Second revised edition. Fresno (US: CA): published by the author. 136 pp., ills., maps. [Undated, received at Kew 30. 8. 1994.]
- [243] Knapp, U. (1994). Skulptur der Samenschale und Gliederung der *Crassulaceae*. Bot. Jahrb. Syst. 116(2): 157-187, ills., key.
- [244] Koray-Sakar, M. et al. (1993). Two phloroglucinol glucosides, flavan gallates, and flavonol glycosides from *Sedum sediforme* flowers. Phytochemistry 33: 171-174. [Omitted previously.]
- [245] Kraus, R. (1994). Die Standorte von *Maihuenia poeppigii* (Otto ex F. A. C. Weber) K. Schumann in Südchile – Eine ökologische Charakterisierung. Kakt. and. Sukk. 45(10): 218-221, ills.
- [246] Kraus, R. (1994). Die Bedeutung der Küstennebel in Chile für die Kakteenpopulationen. Kakt. and. Sukk. 45(11): 242-247, ills., diags.
- [247] Kraus, R. (1994). Strategien von *Copiapoa* und *Neoporteria* zum Schutz gegen Tierfrass. Kakt. and. Sukk. 45(7): 138-139, ills.
- [248] Kraus, R. (1994). Ökologische Betrachtung der Standorte von *Opuntia ignescens* Vaupel in der chilenischen Hochebene. Kakt. and. Sukk. 45(8): 165-169, ills., diags.
- [249] Kraus, R. (1994). Kakteen auf der Insel Pan de Azúcar in Chile: Auswirkungen von Guano im Überfluss. Kakt. and. Sukk. 45(9): 179-181, ills. [Included on account of observations on *Neoporteria taltalensis* and *Eulychnia saint-pieana*.]
- [250] Kröll, S. (1994). Die Variabilität des *Notocactus stockingeri* Prestlé. Internoto 15(3): 104-108, ills., map.
- [251] Krüger, W. (1994). Zum Reisebericht "Durch das Land der Tarahumara-Indianer". Mitteilungsbl. AfM 18(3): 141-144, 153, 155, ills. [On *Mammillaria meridiorosei*, *M. wilcoxii*, etc.]
- [252] Kümmler, H. (1994). *Coryphantha tripugionacantha* Lau in der Barranca des Rio Huaynamoto. Kakt. and. Sukk. 45(3): 55-57, ills.
- [253] Kunte, L. & Snicer, J. (1994). Mexické echinokaktusy. *Echinocactus parryi* Engelman. Kaktusy 30(2): 35-36, ills.

- [254] Kunte, L. et al. (1994). Mexické echinokaktusy II. *Echinocactus platyacanthus* Lk. & O. Kaktusy 30(3): 90-92, ills., map.
- [255] Kunze, H. (1994). Ontogeny of the translator in *Asclepiadaceae* s.str. Pl. Syst. Evol. 193: 223-242.
- [256] Kunze, H. et al. (1994). *Cibirhiza albersiana*, a new species of *Asclepiadaceae*, and establishment of the tribe *Fockeeae*. Taxon 43(3): 367-376, ills., map.
- [257] Laferrière, J. E. (1991). Range extensions in the Sierra Madre Occidental, Chihuahua, Mexico. Phytologia 70: 188-193. [*Opuntia durangensis* newly reported for Chihuahua. Omitted previously.]
- [258] Lampard, S. (1994). Pinguiculas in the mist. Cact. File 2(3): 19-22, ills. [Included on account of the illustrations.]
- [259] Lange, M. (1994). Kritisch betrachtet: Die Art *Echinocereus polyacanthus* Engelmann (nach der Darstellung von N. P. Taylor) kontra *E. acifer* (Otto ex Salm-Dyck) Hort. F. A. Haage. Echinocereenfreund 7(4): 106-111, ills.
- [260] Lange, M. & Rutow, J. (1994). Kritisch betrachtet: *Echinocereus arizonicus* Rose ex Orcutt und *Echinocereus arizonicus* ssp. *matudae* (H. Bravo-Hollis) Rutow stat. *nov.* Echinocereenfreund 7(2): 51-56, ills., diag.
- [261] Lausser, A. (1994). Die Hochebene von Vista Hermosa im Grenzgebiet von Hidalgo / Queretaro, Mexiko. Ein Kakteengebiet im Wandel der Zeit. Kakt. and. Sukk. 45(5): 90-94, ills., diag.
- [262] Lavranos, J. J. (1994). Impressions from Socotra and Abd Al-Kuri. Euphorbia J. 9: 190-209, ills.
- [263] Lavranos, J. J. & Rössli, W. (1994). Note on *Aloe guillaumetii* Cremers from Madagascar, with description of a new species. Cact. Succ. J. (US) 66(1): 3-6, ills.
- [264] Lawrie, I. (1994). The Fox's Tail *Coryphantha vivipara* var. *alversonii* (Coulter) L. Benson. Brit. Cact. Succ. J. 12(3): 107-108, ills.
- [265] Lebrun, J.-P. et al. (1994). *Brachystelma letestui* Pellegrin, une rare *Asclepiadaceae* d'Afrique équatoriale. Candollea 49(1): 183-186, ills.
- [266] Leon de Pinto, G. et al. (1994). Composition of *Pereskia guamacho* gum exudates. Biochem. Syst. Ecol. 22: 291-295.
- [267] Leon de la Luz, J. L. & Coria Benet, R. (1993). Additions to the flora of the Sierra de la Laguna, Baja California Sur, Mexico. Madroño 40(1): 15-24. [Includes *Tillaea aquatica*. Omitted previously.]
- [268] Leuenberger, B. E. (1994). *Cactaceae* of the Guianas: what remains to be done. Fl. Guianas Newslett. No. 10: 9-10.
- [269] Liede, S. (1994). Growth forms in the genus *Cynanchum* (*Asclepiadaceae*) in Africa. In: Seyani, J. H. & Chikuni, A. C. (eds.): Proc. 13th Plenary Meeting of AETFAT, Zomba, Malawi, 1991; Vol. 2: 1077-1084. Zomba (Malawi): National Herbarium and Botanical Garden.
- [270] Liede, S. (1994). Again: Nomenclatural types of the sections of the genus *Erepisia* N. E. Br. (*Aizoaceae* - *Ruschioideae*). Bradleya 11: 50. [Dated 1993, publ. Febr. 1994.]
- [271] Liede, S. & Albers, F. (1994). Tribal disposition of genera in the *Asclepiadaceae*. Taxon 43(2): 201-231.
- [272] Lin, L.-J. et al. (1994). Pregnane glycosides from *Caralluma umbellata*. Phytochemistry 35: 1549-1554.
- [273] Lindøen, S. (1994). Somalia 1986. Euphorbia J. 9: 94-123, ills. [Included on account of the illustrations.]
- [274] Linzøen, T. et al. (1994). *Mammillaria tegelbergiana* Lindsay und die mit ihr verwandten Arten. Mitteilungsbl. AfM 18(2): 87, 89, 91-99, (3): 125-128, 146, ills.
- [275] Lodé, J. (1994). Le genre *Eulychnia* Philippi. Cact. Aventures No. 23: 2-4, ills. [Included on account of the illustrations.]
- [276] López González, G. (1993). Notas al genero *Umbilicus* (*Crassulaceae*). Anales Jard. Bot. Madrid 51(1): 170-171.
- [277] Lux, A. & Staník, R. (1994). O gymnokaktusoch. Kaktusy 30(4): 134-137, ills. [Continued in vol. 31.]
- [278] Maffei, M. (1994). Discriminant analysis of leaf wax alkanes in the *Lamiaceae* and four other plant families. Biochem. Syst. Ecol. 22: 711-728.
- [279] Malaisse, F. & Lecron, J. M. (1994). Problemes taxonomiques du genre *Monadenium* Pax (*Euphorbiaceae*). In: Seyani, J. H. & Chikuni, A. C. (eds.): Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991; vol. 1: 481-489, ills. Zomba (Malawi): National Herbarium and Botanical Garden.
- [280] Martinelle, G. (1994). La lutte biologique contre les espèces de *Cactaceae*. Succulentas 17(2): 26-32, ills.
- [281] Martínez Avalos, J. G. et al. (1994). Aspectos ecológicos y demográficos de *Neolloydia pseudopectinata* (Backeberg) E. F. Anderson. Cact. Suc. Mex. 39(2): 27-33, ills., map.
- [282] Martínez Avalos, J. G. (1994). *Mammillaria compressa* De Candolle. Prima segnalazione per Tamaulipas. Piante Grasse 14(2): 59-61, ills., map.
- [283] Marx, G. (1994). *Euphorbia brevirama* N. E. Brown: The quest continues. Euphorbia J. 9: 221-222, ills.

- [284] Marx, G. (1994). The succulent Euphorbias of the southeastern Cape Province. Part two: Shrubs and Trees. *Euphorbia J.* 9: 63-83, ills., map.
- [285] Marx, G. (1994). Snakehead headaches. *Euphorbiaceae Study Group Bull.* 7(2): 60-65, ills. [On *Euphorbia gorgonis*.]
- [286] Marx, G. (1994). Medusoid mysteries and biblical errors. *Haseltonia* 2: 89-96, ills. [On medusoid *Euphorbia* from S Africa.]
- [287] Mauseth, J. D. (1994). Changes in wood morphogenesis during development in cacti. *Amer. J. Bot.* 81(6: Suppl.): 29. [Abstract only.]
- [288] Mauseth, J. D. (1994). Die Evolution des Kakteenkörpers. *Kakt. and Sukk.* 45(3): 44-47, ills.
- [289] May, R. W. (1994). The ecology of *Sclerocactus polyancistrus* (Cactaceae) in California and Nevada. *Desert Pl.* 11(1): 6-22, ills., maps, diag.
- [290] Mays, H. (1994). *Kedrostis* – give it an inch ... *Cact. File* 2(3): 8-10, ills. [On *Kedrostis africana*.]
- [291] Mays, H. (1994). *Dorotheanthus booyensii* L. Bol. *Mesemb Study Group Bull.* 9(3): 48-49, ill.
- [292] Mbugua, P. K. (1994). Three *Sansevieria* species of Kenya. 1. *Sansevieria robusta* N. E. Br. *Cact. Succ. J. (US)* 66(2): 87-88, ills., map.
- [293] Mbugua, P. K. (1994). Rediscovery of *Sansevieria parva* N. E. Brown at the Nairobi River Falls, Kenya. *Sansevieria J.* 3(3): 59-62, ills.
- [294] McDonald, D. J. (1994). Notes on *Aloe gracilis* var. *decumbens*. *Aloe* 31(2): 46-47, ills., map.
- [295] Meier, E. (1994). *Aporophyllums*. *Haseltonia* 2: 111-131, ills.
- [296] Mellichamp, L. (1994). Are you stuck on the fine points of sharp-object nomenclature? *Cact. Succ. J. (US)* 66(5): 208-213, ills. [On the English terminology involving spines, prickles and thorns.]
- [297] Metzger, J. (1994). Species of *Crassulaceae* new for Turkey: *Sedum stellatum* L. *Bradleya* 11: 107-108, maps. [Dated 1993, publ. Febr. 1994.]
- [298] Metzger, D. (1994). *Cactaceae* in Paraguay. Specie, ecologia e minaccia di estinzione. *Kakteen in Paraguay - Arten, Ökologie und Gefährdung. Piante Grasse* 13(4: Suppl.): 5-64, ills., maps. [Vol. for 1993, dated Jan. 1994 and received at ZSS March 1994.]
- [299] Meve, U. (1994). Die Elaborierung neuer Taxa in *Sarcostemma* R. Br. (*Asclepiadaceae*), einer Gattung mit oft kryptischer Merkmalsdifferenzierung. *And. Sukk.* 12(2 = No. 24): 4-6, t. 3.
- [300] Meve, U. (1994). The genus *Piaranthus* R. Br. (*Asclepiadaceae*). *Bradleya* 12: 57-102, ills., maps, diags., key.
- [301] Meve, U. & Liède, S. (1994). A conspectus of *Ceropegia* L. (*Asclepiadaceae*) in Madagascar, and the establishment of *C.* sect. *Dimorpha*. *Phyton (Horn)* 34(1): 131-141, ills.
- [302] Meve, U. & Liède, S. (1994). Floral biology and pollination in stapeliads – new results and a literature review. *Pl. Syst. Evol.* 192: 99-116.
- [303] Momberger, P. (1994). *Echinocereus scheeri*, PM 002. Beobachtungen am Standort. *Kaktusblüte* 1994: 58-61, ills.
- [304] Moran, R. (1994). The genus *Lenophyllum* Rose (*Crassulaceae*). *Haseltonia* 2: 1-19, ills., key.
- [305] Moran, R. (1994). A new Flora for Arizona in preparation. *Crassulaceae*. Stonecrop Family. *J. Arizona-Nevada Acad. Sci.* 27(2): 190-194, keys.
- [306] Morat, P. (1994). *Stapelianthus Choux ex A. C. White et B. Sloane*, genre endémique malgache de *Stapeliaceae* (*Asclepiadaceae*). *Succulentes* 17(4): 18-28, ills., key. [Concluded in vol. 18.]
- [307] Morton, J. K. (1993). Chromosome numbers and polyploidy in the flora of Cameroons Mountain. *Opera Bot.* 121: 159-172. [Includes chromosome numbers for 4 taxa of *Crassulaceae*. Omitted previously.]
- [308] Mottram, R. (1994). Notes on the contributions on cacti by John Hill in the Supplement to Mr. Chambers's Cyclopaedia of 1753. *Bradleya* 11: 70-74. [Dated 1993, publ. Febr. 1994.]
- [309] Murawski, D. A. et al. (1994). Mating system of *Pachycereus pringlei*: an autotetraploid cactus. *Heredity* 72(1): 86-94, ills.
- [310] Nakamura, T. (1993). Cytological studies on 6 species of the genus *Hoya* (*Asclepiadaceae*) in Viti Levu Island, Fiji. *Chromosome Inform. Serv. No.* 55: 25-27, ills.
- [311] Nakamura, T. (1993). (In Japanese:) Speciation of *Hoya carnosa* (*Asclepiadaceae*). *Kromosomo (Tokyo)* 2(71-72): 2479-2489. [Omitted previously.]
- [312] Kapil, R. N. & Bhatnagar, A. K. (1994). The contribution of embryology to the systematics of the *Euphorbiaceae*. *Ann. Missouri Bot. Gard.* 81(2): 145-159.
- [313] Nelson, E. C. (1994). Robert Lloyd Praeger's *Crassulaceae*: a commentary on possible type specimens in the National Botanic Gardens, Dublin, and on illustrations in the Royal Irish Academy, Dublin. *Bradleya* 11: 91-106, ill. [Dated 1993, publ. Febr. 1994.]
- [314] Neumann, K. (1994). *Echinocereus*

polyacanthus Engelm. – Standort südlich Ciudad Durango – und einige Gedanken zum Artbegriff. Kaktusblüte 1994: 6-10, ills.

[315] Neut, P. (1994). *Parodia yamparaezii* Cardenas en *Parodia backebergiana* Brandt. Twee namen, één plant ... Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl. 7(10): 158-160, ill., map.

[316] Neut, P. (1994). Enige klaarheid omtrent *Parodia tilcarensis* (Werd. & Backbg.) Backbg. Tijdschr. Liefhebb. Cact. Vetpl. Kamerpl. 7(7): 110-112, ill.

[317] Newton, L. E. (1993). Three Dwarf Euphorbias in Kenya and Tanzania. EANHS Bull. 23(4): 74-75.

[318] Newton, L. E. (1994). An update on Tanzanian and Ugandan Aloes. Ballya 1(2): 45-46.

[319] Newton, L. E. (1994). An update on East African Stapeliads. Ballya 1(3): 57-61.

[320] Newton, L. E. (1994). An update on East African 'non-stapeliad' asclepiads. Ballya 1(4): 78-82.

[321] Newton, L. E. (1994). Comments on Aloes with secund flowers. Excelsa 16: 5-10, ills., maps.

[322] Newton, L. E. (1994). Observations on flowering of *Sansevieria robusta* in Kenya. EANHS Bull. 24(1): 8-11.

[323] Newton, L. E. (1994). The identity of *Euphorbia milii* var. *breonii*, nom. nud. (*Euphorbiaceae*). Taxon 43(1): 85-87.

[324] Newton, L. E. & Mbugua, P. K. (1993). A check-list and identification key for succulent plants in general cultivation in Nairobi. J. EANHS & Nat. Mus. 82: 43-53. [Cited from Asklepios No. 62: 11, 1994.]

[325] Newton, L. E. & Powys, J. G. L. (1994). A new record for a rare Kenyan *Euphorbia*. EANHS Bull. 24(4): 59-60, map. [On *Euphorbia baioensis*.]

[326] Nilsson, S. et al. (1993). On the relationship of the *Apocynaceae* and *Periplocaceae*. Grana, Suppl. 2: 3-20. [Omitted previously.]

[327] Nordal, I. & Thulin, M. (1993). Synopsis of *Anthericum* and *Chlorophytum* (*Anthericaceae*) in the Horn of Africa, including the description of nine new species. Nord. J. Bot. 13: 257-280. [Omitted previously.]

[328] Nowicke, J. W. (1994). A palynological study of *Crotonoideae* (*Euphorbiaceae*). Ann. Missouri Bot. Gard. 81(2): 245-269, SEM-ills.

[329] Nydegger-Hügli, M. (1993). Fünfte Ergänzung zu P. H. Davis' "Flora of Turkey and the East Aegean Islands" 1-10 (1965-1988). Bauhinia 11(1): 19-34. [Includes localities for 4 taxa of *Sedum*. Omitted previously.]

[330] Nyffeler, R. & Egli, U. (1994). Die Konsensusklassifikation der Kakteen. Kakt. and Sukk. 45(7): 142-149.

[331] Otero, F. (1994). I *Sedum arborescens* Messicani. Piante Grasse 14(2): 51-55, ills., map.

[332] Palacios-Chávez, R. et al. (1994). Morfología de los granos de polen de la familia *Bromeliaceae* de la Estación de Biología de Chamela, Jalisco. Cact. Suc. Mex. 39(4): 82-90, ills.

[333] Panarotto, P. (1994). *Turbinicarpus bonatzii* G. Frank. Piante Grasse 14(2): 43-45, ills.

[334] Peralta, I. E. (1993). Distribución del género *Cistanthe* Spach (*Portulacaceae*) en Sudamérica. Parodiana 8(2): 153-158, map.

[335] Peralta, I. E. (1993). Revalidación de *Cistanthe cabreræ* (*Portulacaceae*). Parodiana 8(2): 271-272, ills.

[336] Perry, P. L. (1994). A revision of the genus *Eriospermum* (*Eriospermaceae*). Contr. Bolus Herb. 17: 320 pp., maps, ills., key. [Individual new taxa not included in the nomenclatural section since all are border-line succulents.]

[337] Peukert, D. E. & Frischholz, K. (1994). Mikromorphologische und physiologische Anpassungen juveniler Dornen an Wasser- und Stoffabsorption bei *Stenocereus griseus* (Haworth) Buxbaum (*Cactaceae*). Kakt. and Sukk. 45(4): 78-81, (5): 95-98, ills.

[338] Phillipson, P. B. & Condy, G. (1994). *Decarya madagascariensis*. Flow. Pl. Afr. 53: 26-30, t. 2086, map.

[339] Pichler, G. (1994). Die Reise zum *Echinocereus grandis* Britton & Rose auf die Insel San Lorenzo im Golf von Kalifornien. Echinocereenfreund 7(2): 37-45, ills. [Included on account of the illustrations.]

[340] Pichler, G. (1994). *Echinocereus stoloniferus* W. T. Marsh. und *Echinocereus stoloniferus* ssp. *tayopensis* (W. T. Marsh.) Pichler stat. nov. mit arealgeographischer Diskussion. Echinocereenfreund 7(4): 93-106, ills.

[341] Pilbeam, J. (1994). Try Tridenteas. Cact. File 1(12): 20-21, ills. [Included on account of the illustrations.]

[342] Pilbeam, J. (1994). White flowered Rebutias. Cact. File 2(2): 6-8, ills.

[343] Piltz, J. et al. (1994). Geschichte und Typisierung von *Gymnocalycium mucidum* Oehme. Gymnos 11(2): [51-60, ills.]

[344] Pimienta-Barrios, E. & Nobel, P. S. (1994). Pitaya (*Stenocereus* spp., *Cactaceae*): an ancient and modern fruit crop of Mexico. Econ. Bot. 48(1): 76-83, ills., maps.

[345] Piña Luján, I. (1994). Consideraciones

sobre la localidad de *Agave atrovirens*. Cact. Suc. Mex. 39(1): 8-12, ill.

[346] Pino I., G. (1994). *Peperomias* succulentas del Perú. Quepo 8: 72-78, ill.

[347] Plowes, D. C. H. (1994). The taxonomy of the genera *Pachycymbium* Leach and *Angolluma* Munster (*Stapelieae: Asclepiadaceae*). Excelsa 16: 103-123, ill.

[348] Plowes, D. C. H. (1994). The taxonomy of *Quaqua* N. E. Brown. Excelsa 16: 83-102, ill.

[349] Portillo Martínez, L. & Arreola Nava, H. J. (1994). Los nopales hospederos de la cochinilla fina o cultivada (*Dactylopius coccus* Costa). Cact. Suc. Mex. 39(4): 90-95, ill.

[350] Pot, J. (1994). *Sulcorebutia purpurea*. Succulenta 73(4): 170-175, ill., map.

[351] Powell, A. T. (1994). *Arthrocareus* - small cerei, big ideas on flowers. Brit. Cact. Succ. J. 12(2): 65-67, ill. [Included on account of the illustrations.]

[352] Prestlé, K.-H. (1994). Über Blütenbestäuber und Blütenräuber. Internoto 15(2): 68-71, ill. [On insects visiting flowers of *Notocactus*.]

[353] Preston-Mafham, K. (1994). Cacti and succulents in habitat. London (GB): Cassell. 159 pp., ill., maps. [Included on account of the illustrations.]

[354] Pritchard, D. (1994). A comparison of *Euphorbia similiramea* S. Carter, *Euphorbia graciliramea* Pax and *Euphorbia laikipiensis* S. Carter. Euphorbiaceae Study Group Bull. 7(1): 26-34, map, ill.

[355] Procházka, J. (1994). Z Argentinského deníku. Kaktusy 30(1): 29-32, ill. [Mostly on *Gymnocalycium gibbosum* var. *caespitosum*.]

[356] Rauh, W. (1994). Two new Madagascan Euphorbias of the *Euphorbia hedyotoides* Group. Euphorbia J. 9: 24-29, ill.

[357] Rauh, W. (1994). *Lomatophyllum belavenokense* Rauh and Gerold spec. nov., a new species from south-eastern Madagascar. Excelsa 16: 1-6, ill.

[358] Rauh, W. (1994). *Euphorbia cedrorum* Rauh & Hebbing, note complémentaire. Succulentes 17(1): 18, ill.

[359] Rebman, J. P. (1994). Stamen aberration in *Opuntia prolifera* Engelm. (*Cactaceae*). Haseltonia 2: 103-108, ill., map.

[360] Reeves, B. (1994). *Toumeyia papyracantha* - what and where next? Cact. Succ. J. (US) 66(4): 184-188, ill., map.

[361] Riha, J. (1994). Cervená forma *Sulcorebutia swoboda*. Kaktusy 30(4): 110-111, ill.

[362] Ríos Ruiz, S. et al. (1993). Cuatro

plantas de interés para la flora del sureste ibérico. Anales Jard. Bot. Madrid 51(1): 162-166, ill. [Includes *Sedum aetnense*.]

[363] Rischer, W. (1994). *Echinocereus salmdyckianus* (Scheer) Neotypifizierung. Echinocereenfreund 7(1): 10-22, ill., SEM-ills.

[364] Rischer, W. & Trocha, W. (1994). Was ist der typische *Echinocereus scheerii*? Echinocereenfreund 7(2): 46-50, ill.

[365] Rodgerson, C. (1994). In search of *Adromischus subviridis* Tölken. Aloe 31(2): 39-41, ill., back cover.

[366] Rodgerson, C. (1994). *Anacampteros*, section *Avonia*. Cact. File 2(1): 2-6, ill.

[367] Rodrigues Fuentes, A. & Gutierrez Amaro, J. E. (1992). Las especies de nopales presentes en Cuba y sus especies mas afines. I. Bol. Inst. Bot. (Guadalajara) 1(3): 167-181, ill., maps. [Omitted previously.]

[368] Römer, R. C. (1994). Wer kennt *Echinocereus madrensis* Patoni? Echinocereenfreund 7(1): 23-24.

[369] Römer, R. C. (1994). Höhepunkte einer Bajareise. Am Typstandort von *Echinocereus grandis* Britton & Rose. Teil 1. Echinocereenfreund 7(3): 72-78, ill., map.

[370] Römer, R. C. (1994). Zur Blütezeit von *Echinocereus grandis* Britton & Rose auf Isla San Esteban. Kakt. and. Sukk. 45(3): 41-43, ill.

[371] Rogozinski, H. (1994). Die Suche nach *Escobaria rigida*. Mitteilungsbl. AfM 18(4): 216-219, ill. (p. 208).

[372] Rose, M.-J. & Barthlott, W. (1994). Coloured pollen in *Cactaceae*: a mimetic adaptation to hummingbird-pollination? Bot. Acta 107: 402-406, ill.

[373] Roth, R. B. (1994). *Ceropegia sandersonii* - an interesting colour form from southern KwaZulu-Natal. Aloe 31(2): 43-44, ill.

[374] Rowley, G. D. (1994). Succulent *Compositae*. A grower's guide to the succulent species of *Othonna* and *Senecio*. Mill Valley (US: CA): Strawberry Press. 238 pp., ill., key.

[375] Rowley, G. D. (1994). Additions to the bibliography of succulent plant periodicals. Bradleya 11: 109-111. [Dated 1993, publ. Febr. 1994.]

[376] Rowley, G. D. (1994). *Anacampteros* and allied genera - A reassessment. Bradleya 12: 105-112, ill., keys.

[377] Rowley, G. D. (1994). Spontaneous bigeneric hybrids in *Cactaceae*. Bradleya 12: 2-7, diags.

[378] Rowley, G. D. (1994). The Sessé and Mociño cactus plates. Bradleya 12: 8-31, ill.

[379] Roy, P. & Chanda, S. (1993).

Phylogenetic trend in the pollen grains of *Centrospermae* based on number of apertures. J. Palynol. 28: 142-208, ills. [Dated 1992, publ. 1993. Omitted previously.]

[380] Rudall, P. (1994). Laticifers in *Crotonoideae* (*Euphorbiaceae*): homology and evolution. Ann. Missouri Bot. Gard. 81(2): 270-282, ills.

[381] Rutow, J. (1994). *Echinocereus rosei* Wooton & Standley am Standort. Echinocereenfreund 7(1): 6-9, ills.

[382] Sajeva, M. & Constanzo, M. (1994). Succulents. The Illustrated Dictionary. London (GB): Cassell. 239 pp., ills.

[383] Sánchez Martínez, E. & Galindo, G. (1994). Untersuchungen der Variation der diagnostischen Merkmale einer Kohorte der *M.[ammillaria] hahniana* Werdermann. Mitteilungsbl. AfM 18(1): 24-25, 27, 29, 31-32, 34, 36-41, ills.

[384] Sane, H. D. & Ghate, V. S. (1993). Range extension of endemic *Ceropegia huberi* Ansari in Maharashtra. J. Bombay Nat. Hist. Soc. 90(1): 126-127. [Omitted previously.]

[385] Schätzle, P. S. (1994). Die Astrophyten des Jaumavetales. Kakt. and. Sukk. 45(7): 130-132, ills. [Continued from vol. 44.]

[386] Schneekloth, B. (1994). Ein *Gymnocalycium*-Verzeichnis. Trier (D): published by the author. 85 pp.

[387] Scholz, E. (1993). Zum Beitrag über *Lobivia haematantha* von Herrn Herzog. Inform.-brief Freundeskr. Echinopseen No. 16: 24-26. [Omitted previously.]

[388] Scholz, E. (1994). Über *Rebutia minuscula*. Gedanken über *Rebutia minuscula* / *senilis* / *xanthocarpa*. Inform.-brief Freundeskr. Echinopseen No. 19: 4-7, ills. (p. 16, 18-19, 21).

[389] Scholz, E. (1994). Über *Lobivia thionantha* (Spegazzini) Britton & Rose. Kakt. and. Sukk. 45(9): 182-185, ills., (11): 248 [erratum]. [Included on account of the illustrations. First published in Inform.-brief Freundeskr. Echinopseen No. 16: 15-22, ills., map, 1993; with corrections in l.c. No. 19: 28-30, map, 1994.]

[390] Schultheis, L. M. & Baldwin, B. G. (1994). Molecular systematics of *Fouquieriaceae*: evidence from nuclear rDNA ITS studies. Amer. J. Bot. 81(6: Suppl.): 199. [Abstract only.]

[391] Schweitzer, B. (1994). Standortnotizen und Nachbetrachtungen. Gymnos 11(22): 47-50, ill. [On the variability of *Gymnocalycium spegazzinii*.]

[392] Schweitzer, B. & K. (1994). Ergänzungen zur Erstbeschreibung von *Gymnocalycium obductum*. Gymnos 11(22): 44-47, ills.

[393] Sedivý, V. (1994). *Pediocactus knowltonii* Benson. Kaktusy 30(2): 60-61, ill. [With ill. of white-flowered form.]

[394] Seigler, D. S. (1994). Phytochemistry and systematics of the *Euphorbiaceae*. Ann. Missouri Bot. Gard. 81(2): 380-401.

[395] Serrano, C. E. & Guzmán, C. A. (1994). Phytochemical and chemotaxonomic studies on seeds of *Cactaceae*, subfamily *Cereoideae* [sic!], grown in Argentina. Biochem. Syst. Ecol. 22(1): 79-83.

[396] Sheahan, M. C. (1991). *Zygophyllaceae*: anatomy, taxonomy, and some aspects of physiology. London (GB): University of London (Ph.D. thesis). 292 pp., ills.

[397] Singh, M. (1994). Succulent *Euphorbiaceae* of India. New Delhi (India): published by the author. 55 pp., ills., map.

[398] Singh, M. (1994). *Adenia hondala* – a tuberous *Adenia* from India. Cact. Succ. J. (US) 66(5): 238-240, ills.

[399] Singh, M. (1994). Indian succulent plants. A brief overview. ISOCS J. 1994(2): 7-12.

[400] Singh, M. & Gandhi, R. (1994). Hunt for *Euphorbia epiphyllodes*. ISOCS J. 1994(1): 11-15, ill. [Reprinted in *Euphorbiaceae* Study Group Bull. 7(2): 77-84, ill., 1994.]

[401] Slaba, R. & Snicer, J. (1994). *Echinocereus pulchellus* var. *weinbergii* – jeden z nejvzácnějších a nejohroženějších echinocereusu. Kaktusy 30(4): 130-133, ills.

[402] Slaba, R. et al. (1994). *Echinocereus pulchellus* var. *sharpii* N. P. Taylor. Kaktusy 30(1): 7-11, ills.

[403] Slaba, R. et al. (1994). Variety *Neolloydia* (syn. *Gymnocactus*) *subterranea* v domovine. Kaktusy 30(2): 54-59, ills.

[404] Smith, G. F. (1994). A note on *Brachystelma luteum* R. G. Peckover (*Asclepiadaceae*). Aloe 31(1): 16.

[405] Smith, G. F. (1994). The ecology and conservation of *Chortolirion* and *Poellnitzia* (*Aloaceae*) in southern Africa. Excelsa 16: 143-152, maps, ills.

[406] Smith, G. F. (1994). Taxonomic history of *Poellnitzia* Uitewaal, a unispecific genus of *Aloooideae* (*Asphodelaceae*). Haseltonia 2: 74-78, ills.

[407] Smith, G. F. et al. (1994). Application of revegetation principles: the use of *Euphorbia tirucalli* L. (*Euphorbiaceae*) for asbestos tailing rehabilitation. Bradleya 11: 86-90, ills., map. [Dated 1993, publ. Febr. 1994.]

[408] Smith, G. F. et al. (1994). *Aloe bowieae*. Flow. Pl. Afr. 53: 80-84, t. 2096, ill., map, chrom. nos.

[409] Smith, G. F. et al. (1994). Little-known

generic names in the family *Aloaceae*. South Afr. J. Sci. 90(8-9): 489-490.

[410] Smith, G. F. et al. (1994). Was *Gasteria nitida* var. *armstrongii* validly published? Bothalia 24(1): 34.

[411] Spearing, J. K. (1994). A preliminary study of seedlings of the genus *Orbea* Haw. Asklepios No. 62: 35-40, ills.

[412] Speirs, D. (1994). Bibliography of the genus *Sansevieria*. Sansevieria J. 3(2): 39-42.

[413] Srinivasan, R. (1994). *Ceropegia huberi* - Mahabaleshwar, August 20, 1993. ISOCS J. 1994(1): 4-5.

[414] Staník, R. & Lux, A. (1994). Stále tajuplné pediokaktusy. Cactaceae etc. 4(1): 5-8, (2): 46-50, (3): 75-78, (4): 107-110, ills.

[415] Stephenson, R. (1994). *Sedum*. Cultivated Stonecrops. Portland (US: OR): Timber Press. 335 pp., ills. [Erratum published in Sedum Soc. Newslett. No. 34: 12-13, 1995.]

[416] Stephenson, R. (1994). *Euphorbia handiensis* in habitat. Cact. Succ. J. (US) 66(1): 16-19, ills., map.

[417] Stephenson, R. (1994). *Sedum diversifolium* Rose. Sedum Soc. Newslett. No. 29: 15-18, ills.

[418] Stephenson, R. (1994). *Sedum cockerellii*. Sedum Soc. Newslett. No. 29: 3-8, ills.

[419] Stephenson, R. (1994). Andalucian break. Sedum Soc. Newslett. No. 30: 4-10, ills., map, diag. [Data on the distribution of species of *Sedum* in E Andalusia (Spain).]

[420] Stevens, J. F. (1994). Epicuticular waxes of *Sedum* series *Rupestris*. Phytochemistry 36(2): 341-348, ills., diags.

[421] Stevens, J. F. et al. (1994). Epicuticular wax composition of some European *Sedum* species. Phytochemistry 35: 389-399, diags.

[422] Stockinger, F. (1994). *Notocactus herteri* × *rauschii*? Internoto 15(1): 30-34, ills., map.

[423] Stuchlík, S. (1994). Cervene kvetoucí *Notocactus submammulosus*. Kaktusy 30(2): 39, ill. [On a red-flowering variant of the species.]

[424] Taylor, C. M. (1994). Revision of *Tetragonia* (*Aizoaceae*) in South America. Syst. Bot. 19(4): 575-589, key, ills., maps.

[425] Taylor, N. P. (1994). *Echinocereus subinermis*. Kew Mag. 11(2): 70-74, t. 246, ills.

[426] Taylor, N. P. (1994). Ulteriori studi su *Echinocereus*. Further notes on *Echinocereus*. Piante Grasse 13(4: Suppl.): 79-96, ills. [Vol. for 1993, dated Jan. 1994 and received at ZSS March 1994.]

[427] Taylor, N. P. (1994). (1101) Proposal to conserve *Cactus cruciformis* Vell. (*Cactaceae*).

Taxon 43(3): 469-470.

[428] Taylor, N. P. & Gibson, A. C. (1994). (1086) Proposal to conserve *Stenocereus* against *Rathbunia* (*Cactaceae*). Taxon 43(1): 129-131.

[429] Theisen, I. & Barthlott, W. (1994). Mikromorphologie der Epicuticularwache und die Systematik der *Gentianales*, *Rubiales*, *Dipsacales* und *Calyceales*. Trop. subtrop. Pfl.-welt 89: 62 pp., SEM-ills. [Includes the families *Apocynaceae*, *Asclepiadaceae* and *Rubiaceae*.]

[430] Theunissen, J. (1994). Enkele kritische noten bij de consens van Hunt en Taylor. Succulenta 73(5): 219-223. [German translation in Mitteilungsbl. Inter-Parodia-Kette 1994(3): 16-19.]

[431] Thiede, J. (1994). New aspects of the phytogeographic relations of Macaronesian *Crassulaceae*. In: Seyani, J. H. & Chikuni, A. C. (eds.): Proc. 13th Plenary Meeting AETFAT, Zomba, Malawi, 1991; Vol. 2: 1121-1143. Zomba (Malawi): National Herbarium and Botanical Garden.

[432] Thiede, J. (1994). *Sedum caeruleum* L. – die "blaue Blume" der *Crassulaceae*. And. Sukk. 11(22): 12-14, t. 3-4.

[433] Thiede, J. (1994). Beobachtungen am Naturstandort: *Euphorbia mulanjeana* Leach (*Euphorbiaceae*) in Malawi (Südost-Afrika). And. Sukk. 12(1 = No. 23): 15-19, t. 1-2.

[434] Thomas, V. & Dave, Y. (1994). Significance of follicle anatomy of *Apocynaceae*. Acta Soc. Bot. Polon. 63: 9-20.

[435] Thomasson, M. & G. (1992). Influence anthropique et structure des populations d'*Euphorbia stenoclada* Baillon. Bull. Soc. Bot. France, Lettres Bot. 139(4/5): 391-396. [Cited from Euphorbiaceae Study Group Bull. 7(2): 96, 1994.]

[436] Thomson, P. H. (1993). *Dudleya* and *Hasseanthus* Handbook. Bonsall (US: CA): Bonsall Publications. 248 pp., ills., maps.

[437] Thrombley, F. (1994). *Mammillaria tetrancistra* – a new recording in Baja California. Cact. File 1(12): 13, ills.

[438] Thulin, M. (1993). Notes on *Tetragonia* (*Aizoaceae* - *Tetragonoideae*) in Somalia. Nord. J. Bot. 13: 165-167. [Omitted previously.]

[439] Till, H. (1994). Zur Identität und Verbreitung von *Gymnocalycium parvulum* (Spegazzini) Spegazzini. Gymnocalycium 7(2): 121-126, ills.

[440] Till, H. & Till, W. (1994). Neues und Bemerkenswertes zu *Gymnocalycium spegazzinii*. Gymnocalycium 7(1): 113-120, ills.

[441] Till, H. & Till, W. (1994). *Gymnocalycium hybopleurum*. I. Teil: Zur Klärung des Schumann'schen Namens und zu seiner Interpretation durch Backeberg. Gymnocalycium

7(4): 135-140, ills.

[442] Tjaden, W. (1994). *Nopalxochia phyllanthoides* or the German Empress? *Epiphytes* 18(69): 4-7.

[443] Tjaden, W. (1994). *Schlumbergera 'Ruckeri'* v. *'Ruckerianum'*. *Epiphytes* 18(70): 27-30.

[444] Uhl, C. H. (1994). Intergeneric hybrids in the Mexican *Crassulaceae*: II. *Dudleya* (and plate tectonics). *Cact. Succ. J. (US)* 66(2): 74-80, ills., map.

[445] Uhl, C. H. (1994). Intergeneric hybrids in the Mexican *Crassulaceae*. III. *Thompsonella*. *Cact. Succ. J. (US)* 66(4): 175-179, ills.

[446] Uhl, C. H. (1994). Intergeneric hybrids in the Mexican *Crassulaceae*. IV. *Villadia*. *Cact. Succ. J. (US)* 66(5): 214-217, ills.

[447] Uhl, C. H. (1994). Chromosomes and hybrids of *Echeveria (Crassulaceae)* I. Series *Induplicatae* and *Paniculatae*. *Haseltonia* 2: 79-88, ills.

[448] Uhl, C. H. (1994). Comments on *Sedum cockerellii*. *Sedum Soc. Newslett.* No. 29: 9.

[449] Ullrich, B. (1994). *Agave parrasana* Berger am Typstandort. *Kaktusblüte* 1994: 12-15, ills.

[450] Unger, G. (1994). Wo ist eigentlich *Cereus fendleri* var. *pauperculus* Engelmann (1849) geblieben? *Echinocereenfreund* 7(4): 87-92, ills.

[451] Unger, G. (1994). Eine neue *Escobaria* aus dem nördlichen Chihuahua? *Kakt. and. Sukk.* 45(8): 170-171, ills.

[452] Vandenbroeck, F. (1994). De magie van Taltal. *Succulenta* 73(4): 147-152, ills. [Included on account of the illustrations of *Copiapoa* species.]

[453] Vliet, D. J. van (1994). *Notocactus*, towards a consensus!? (2). *Internoto* 15(1): 3-13, ills. [Concluded from vol. 14.]

[454] Vlk, V. (1994). Co je *Euphorbia* sp. VV 124? *Cactaceae etc.* 4(2): 55-58, ills., map. [On *Euphorbia ramigans* cf.]

[455] Vlk, V. (1994). *Pseudolithos migiurtinus*. *Kaktusy* 30: 133-134, ills.

[456] Walker, C. C. (1994). Robert Brown's contributions to Asclepiad study. *Asklepios* No. 62: 20-34, ills.

[457] Wallace, R. S. (1994). Molecular systematics of *Cactaceae*, subfamily *Pereskioideae* as elucidated by cpDNA restriction site variation: phylogenetic and biogeographic implications. *Amer. J. Bot.* 81(6: Suppl.): 194. [Abstract only.]

[458] Wallace, R. S. (1994). Chloroplast gene sequence variation and its implications on infrafamilial relationships within the *Cactaceae*.

Amer. J. Bot. 81(6: Suppl.): 194. [Abstract only.]

[459] Weber, R. (1993). Bemerkungen zu einigen feindornigen Formen aus dem *Rebutia fiebrigii* (Guerke) Br. & R. -Komplex. 2. Teil / 3. Teil. Inform.-brief Freundeskr. Echinopseer No. 16: 9-14, No. 17: 15-18, ills. [Omitted previously; continued in No. 18.]

[460] Weber, R. (1994). Bemerkungen zu einigen feindornigen Formen aus dem *Rebutia fiebrigii* (Guerke) Br. & R. -Komplex. 4. Teil. Inform.-brief Freundeskr. Echinopseer No. 18: 24-26, ills. [Continued from No. 17.]

[461] Weber, R. (1994). Zum Beitrag "Über *Rebutia minuscula* von Eberhard Scholz. Inform.-brief Freundeskr. Echinopseer No. 19: 7-15, 17, 20, 22-27, ills.

[462] Weber, R. (1994). *Rebutia pygmaea* (Fries) Br. & R. und *Rebutia haagei* Fric & Schelle. Ein geschichtlicher Überblick. 1. Teil. Inform.-brief Freundeskr. Echinopseer No. 18: 21-23.

[463] Webster, G. L. (1994). Systematics of the *Euphorbiaceae* [Papers presented to the International Conference of the *Euphorbiaceae*, held at the Missouri Botanical Garden 14. - 16. August 1989]. *Ann. Missouri Bot. Gard.* 81(1): 1-144, (2): 145-402, ills., tabs., diags.

[464] Webster, G. L. (1994). Classification of the *Euphorbiaceae*. *Ann. Missouri Bot. Gard.* 81(1): 3-32, maps.

[465] Webster, G. L. (1994). Synopsis of the genera and suprageneric taxa of *Euphorbiaceae*. *Ann. Missouri Bot. Gard.* 81(1): 33-144, keys.

[466] Weightman, B. (1994). *Mammillaria hernandezii* - a precocious youngster? *Cact. File* 2(3): 5-7, ills.

[467] Welsh, S. L. (1993). New taxa and new nomenclatural combinations in the Utah flora. *Rhodora* 95(883-884): 392-421. [Includes *Yucca*. Omitted previously.]

[468] Weskamp, W. (1994). Die Umwandlung der hochabgeleiteten *Parodia setifera* in eine primitive Art. *Mitteilungsbl. Inter-Parodia-Kette* 1994(3): 15-16.

[469] Weskamp, W. (1994). De *Parodia*'s van Noord-Argentinië. *Expedities van het echtpaar Piltz tussen 1976 en 1980*. *Tijdschr. Liefhebb.* *Cact. Vetpl. Kamerpl.* 7(6): 83-86, (7): 104-106, (10): 151-153, ills.

[470] Whicher, L. S. & Stephenson, R. (1994). Two extreme forms of *Sedum album*. *Sedum Soc. Newslett.* No. 30: 11-15, ills.

[471] Wilkins, M. H. (1994). Good gourds and succulent squash: a cucurbit review. *Cact. Succ. J. (US)* 66(2): 65-71, ills.

[472] Williams, M. (1994). An introduction to the genus *Matucana*. *Brit. Cact. Succ. J.* 12(1): 6-11, (2): 57-59, ills. [Included on account of the

illustrations.]

[473] Williamson, G. (1994). The haunted forest. *Cact. Succ. J. (US)* 66(2): 63-64, ills. [Included on account of the illustrations of the pachycaul *Moringa ovalifolia*.]

[474] Winkler, G. (1993). *Lobivia hertrichiana* Backeberg. Inform.-brief Freundeskreis Echinopseer No. 17: 2-8, ill. [Omitted previously.]

[475] Wolf, F. (1994). *Mammillaria halbingeri* Bödeker – doch mit gelber Blüte! *Mitteilungsbl. AfM* 18(3): 135-139, 150-151, ills.

[476] Wolf, F. (1994). Anmerkungen zum Artikel "Wie steht's mit *M.[ammillaria] voburnensis* v. *quetzalcoatl* Reppenhagen und *M. felicis* Schreier nom. prov.?". *Mitteilungsbl. AfM* 18(4): 220-222, ills. (p. 210-211).

[477] Wolf, R. (1994). Bemerkungen zum Artikel "Die zwei Standortformen der *M.[ammillaria] haudeana* Lau et Wagner". *Mitteilungsbl. AfM* 18(3): 144-145, 147, 149, 155, ills.

[478] Wyk, B.-E. van et al. (1993). Nectar sugar composition in the subfamily *Alooiidae* (*Asphodelaceae*). *Biochem. Syst. Ecol.* 21(2): 249-253. [Omitted previously.]

[479] Yenesew, A. et al. (1993). (R)-Prechrysophanol from *Aloe graminicola*. *Phytochemistry* 34(5): 1442-1444. [Omitted previously.]

[480] Zahra, R. (1994). Antesberger and his work with *Melocactus*. *Brit. Cact. Succ. J.* 12(2): 61-64, ills. [Included on account of the illustrations.]

[481] Zappi, D. C. (1994). *Pilosocereus*, *Cactaceae*. The genus in Brazil. *Succ. Pl. Res.* 3: 160 pp., maps, ills., key.

[482] Zappi, D. C. & Taylor, N. P. (1994). *Cactaceae* del Brasile orientale. Eastern Brazilian cacti. *Piante Grasse* 13(4: Suppl.): 65-78, ills., map. [Vol. for 1993, dated Jan. 1994 and received at ŽSS March 1994. See l.c. 14(2): 29, 1994, for an erratum.]

[483] Zonneveld, B. J. M. (1994). Le varietà di *Sempervivum montanum*. The varieties of *Sempervivum montanum*. *Piante Grasse* 14(1): 5-10, ills.

BIBLIOGRAPHIA

Cross-References of Author Names

- Agnew, S.: → Agnew, A. D. Q.
 Albers, F.: → Liede, S.
 Arreola Nava, H. J.: → Portillo Martínez, L.
 Balakrishnan, N. P.: → Binojkumar, M. S.
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 Barthlott, W.: → Rose, M.-J.
 Barthlott, W.: → Theisen, I.
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 Snicer, J.: → Slaba, R.
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 Staník, R.: → Lux, A.
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 Taylor, N. P.: → Eggli, U.
 Taylor, N. P.: → Zappi, D. C.
 Thulin, M.: → Nordal, I.
 Till, W.: → Till, H.
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