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IOS

**Repertorium
Plantarum
Succulentarum
LVIII (2007)**

Repertorium Plantarum Succulentarum LVIII (2007)

*Index nominum novarum plantarum succulentarum anno MMVII
editorum nec non bibliographia taxonomica ab U. Eggli, D. C.
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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 at ZSS and Z or received by the compilers). Also included is information supplied to the compilers direct. It is urgently requested that any reprints of papers not published in readily available botanical literature be sent to the compilers.
- Validly published names are given in **bold face** type, accompanied by an indication of the nomenclatural type (name or specimen dependent on rank), followed by the herbarium acronyms of the herbaria where the holotype and possible isotypes are said to be deposited (first acronym for holotype), according to Index Herbariorum, ed. 8 and supplements as published in Taxon. Invalid, illegitimate, or incorrect names are given in *italic* type face. In either case a full bibliographic reference is given. For new combinations, the basionym is also listed. For invalid, illegitimate or incorrect names, the articles of the ICBN which have been contravened are indicated in brackets (note that the numbering of some regularly cited articles has changed in the Tokyo (1994) edition of the 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 few new taxa are not repeated in the bibliographic section.
- Abbreviations for periodicals are those suggested in 'Bibliography of Succulent Plant Periodicals' (U. Eggli in Friciana 60: 1-139, 1998 ('1995')) for specialized periodicals, or those of Bibliographia Periodicorum Huntianum Ed. 2 (BPH2) for most other periodicals.

Konventionen im Zusammenhang mit dem Repertorium Plantarum Succulentarum

- Das Repertorium Plantarum Succulentarum ist eine jährlich herausgegebene Zusammenstellung neuer Namen für sukkulente Pflanzen und der relevanten systematischen Literatur. Neue Namen, die nach der Drucklegung der Ausgabe des betreffenden Jahres bekannt werden, erscheinen in der nächsten erreichbaren Ausgabe. Spezialisierte Zeitschriften werden umfassend durchgesehen, soweit sie in den Bibliotheken von Z und ZSS vorhanden sind oder den Herausgebern privat vorliegen. Die Herausgeber bitten alle Autoren dringend, Separata relevanter Publikationen zur Verfügung zu stellen, vor allem wenn es sich um Beiträge in schwer zugänglichen Serien handelt.
- Gültig veröffentlichte Namen werden in **Fettschrift** wiedergegeben unter Angabe des nomenklatorischen Typs (Name oder Belegexemplar je nach Rangstufe; gefolgt von den Herbarabkürzungen [entsprechend Index Herbariorum, ed. 8, und in Taxon publizierten Supplementen] der publizierten Hinterlegungsorte für Holotyp [1. Abkürzung] und Isotypen). Für Umkombinationen wird das Basionym angegeben. 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. Im Weiteren ist zu beachten, dass die Nummerierung einiger häufig zitierte 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 weniger Taxa enthalten, werden in der bibliographischen Liste nicht separat aufgeführt.
- Die Abkürzungen für spezialisierte Sukkulente-Zeitschriften richten sich nach 'Bibliography of Succulent Plant Periodicals' (U. Eggli in Friciana 60: 1-139, 1998 ('1995')), für allgemeine botanische Zeitschriften in der Regel nach Bibliographia Periodicorum Huntianum Ed. 2 (BPH2).

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Compilers' Preface

The list of novelties published 2007, both taxonomic and bibliographic, make up another voluminous issue of RPS. Our sincere thanks go to the many colleagues that have supplied us with copies (paper or with increasing frequency, electronic) of their recent publications. Without this help, the compilation of RPS would have been much more tedious.

As for previous issues, Katherine Challis of the IPNI team at Kew, as well as Nigel Taylor, have provided assistance and nomenclatural advice, for which we are most grateful.

Vorwort der Herausgeber

Die Liste der 2007 veröffentlichten taxonomischen wie bibliographischen Neuheiten füllt ein weiteres, umfangreiches RPS-Heft. Unser Dank geht an die zahlreichen Kolleginnen und Kollegen, welche uns mit Kopien (in Papierform, oder immer häufiger in digitaler Form) ihrer neuen Arbeiten bedienen. Ohne diese Hilfe wäre das Zusammenstellen des RPS wesentlich aufwändiger gewesen.

Wie in früheren Jahren durften wir bei nomenklatorischen Fragen die Hilfe von Katherine Challis vom IPNI-Team in Kew, sowie von Nigel Taylor, in Anspruch nehmen, wofür wir herzlich dankbar sind.

Corrections to previous volumes

- The name *Aeonium* \times *banaresii* was incorrectly included as illegitimate in RPS 57. Though it is legitimate (because *Greenovia* \times *aureozoon* Bramwell & G. D. Rowley with the same parentage is invalid under Art. 37.1), the name is invalid for lack of a proper type citation (Art. 37.1).
- The names *Aeonium* \times *zoae* and *A.* \times *gordonii* were incorrectly included in RPS 57 as valid, but are invalid under Art. 32.1(d) for lack of a direct complete reference to a previously published description. The name *A.* \times *gordonii* was subsequently validated (see this issue).
- The names *Aeonium* \times *extinctum*, *A.* \times *laxiflorum* and *A.* \times *riosjordanii* were incorrectly included in RPS 57 as valid, but are invalid under Art. 33.4. *A.* \times *laxiflorum* was subsequently validated (see this issue).
- The name *Aeonium* \times *lambii* was incorrectly included as illegitimate in RPS 57, but the name was not only illegitimate, but also invalid under Art. 33.4. It was subsequently validated (see this issue).

Korrekturen zu früheren Bänden

- Der Name *Aeonium* \times *banaresii* wurde in RPS 57 fälschlicherweise als illegitim bezeichnet. Er ist zwar legitim (da *Greenovia* \times *aureozoon* Bramwell & G. D. Rowley mit den gleichen Elternarten unter Art. 37.1 ungültig ist), aber wegen des Fehlens einer korrekten Typangabe (Art. 37.1) dennoch ungültig.
- Die Namen *Aeonium* \times *zoae* und *A.* \times *gordonii* wurden in RPS 57 fälschlich als gültig bezeichnet, sind aber wegen des Fehlens eines direkten, vollständigen Zitates der bereits früher veröffentlichten Beschreibung unter Art. 32.1(d) ungültig. Der Name *A.* \times *gordonii* wurde später gültig veröffentlicht (siehe dieses Heft).
- Die Namen *Aeonium* \times *extinctum*, *A.* \times *laxiflorum* und *A.* \times *riosjordanii* wurden in RPS 57 fälschlicherweise als gültig bezeichnet, sind aber unter Art. 33.4 ungültig. *A.* \times *laxiflorum* wurde später gültig veröffentlicht (siehe dieses Heft).
- Der Name *Aeonium* \times *lambii* wurde in RPS 57 fälschlicherweise als legitim bezeichnet, aber er war nicht nur illegitim, sondern auch unter Art. 33.4 ungültig. Er wurde später gültig veröffentlicht (siehe dieses Heft).

NOMINA NOVA

AGAVACEAE

- Agave albopilosa** I. Cabral & al., Acta Bot. Mex. 80: 52-55, ills., 2007. Typus: *Cabral* 1612 (MEXU, ANSM, CFNL, ENCB, UNL).
- Agave arcedianoensis** Cházaro & al., in Vázquez-García & al. (eds.), Agaves Occid. Méx., 45-46, ills. (t. EE, pp. lxxiv-lxxv), 2007. Typus: *Vázquez-García & Cházaro Basáñez* s.n. (IBUG).
- Agave attenuata** ssp. *dentata* (Roezl) B. Ullrich, Haseltonia 12: 27, ills. (pp. 23-27), 2007. Basionym: *Ghiesbreghtia dentata*. [Dated 2006, publ. 2007.]
- Agave chazaroi** A. Vázquez & O. Valencia, in Vázquez-García & al. (eds.), Agaves Occid. Méx., 48-49, ills. (tt. CC-DD, pp. lxx-lxxiii), 2007. Typus: *Cházaro Basáñez & al.* 8161 (IBUG).
- Agave microceps** (Kimmach) A. Vázquez & Cházaro, in Vázquez-García & al. (eds.), Agaves Occid. Méx., 61, ills. (t. O, pp. xlii-xliii), 2007. Basionym: *Agave filifera* ssp. *microceps*.
- Agave montium-sancticaroli** García-Mendoza & al., J. Bot. Res. Inst. Texas 1(1): 79-81, ills., 2007. Typus: *García-Mendoza & al.* 7605 (MEXU, ENCB, TEX, UAT).
- Agave victoriae-reginae* fa. *ferdinandi-regis* (A. Berger) Alsemgeest & al., Succulenta 86(2): 64-67, ills., 2007. *Nom. inval.* (Art. 33.4), based on *Agave ferdinandi-regis*.
- Polianthes geminiflora** var. *pueblensis* E. Solano & García-Mendoza, Acta Bot. Mex. 78: 117-119, ills., 2007. Typus: *Solano & al.* 849 (MEXU, CHAPA, ENCB, FEZA, HUAP, HUMO, IEB, US).
- Polianthes oaxacana** García-Mendoza & E. Solano, Acta Bot. Mex. 78: 112-114, ills., 2007. Typus: *García-Mendoza & Solano* 6970 (MEXU).
- Polianthes venustiflora* E. Solano & Castillejos, Biodivers. & Conservation 16: 1888, 2007. *Nom. inval.* (Art. 36.1, 37.1). [Mentioned several times in the paper, but without formal description.]
- Yucca jaegeriana** (McKelvey) L. W. Lenz, Aliso 24: 99, 2007. Basionym: *Yucca brevifolia* var. *jaegeriana*.

AIZOACEAE

- Drosanthemum** Subgen. *Necopina* H. E. K. Hartmann, Bradleya 25: 164, 2007. Typus: *Drosanthemum bicolor* L. Bolus.
- Drosanthemum** Subgen. *Ossicula* H. E. K. Hartmann, Bradleya 25: 167-168, 2007. Typus: *Drosanthemum striatum* (Haworth) Schwantes.
- Drosanthemum** Subgen. *Quastea* H. E. K. Hartmann, Bradleya 25: 169-170, 2007. Typus: *Drosanthemum calycinum* (Haworth) Schwantes.
- Drosanthemum** Subgen. *Speciosa* H. E. K. Hartmann, Bradleya 25: 171, 2007. Typus: *Drosanthemum micans* (Linné) Schwantes.
- Drosanthemum** Subgen. *Vespertina* H. E. K. Hartmann, Bradleya 25: 173-174, 2007. Typus: *Drosanthemum lique* (N. E. Brown) Schwantes.
- Drosanthemum** Subgen. *Xamera* H. E. K. Hartmann, Bradleya 25: 175, 2007. Typus: *Drosanthemum subcompressum* (Haworth) Schwantes.
- Gibbaeum haaglenii* var. *parviflorum* (L. Bolus) J. J. Du Toit, Mesemb Study Group Bull. 22(2): 30, 2007. *Nom. inval.* (Art. 43.1), based on *Gibbaeum haagei* var. *parviflorum*.
- Mesembryanthemum amabile** (Gerbaulet & Struck) Klak, Taxon 56(3): 751, 2007. Basionym: *Phyllobolus amabilis*.
- Mesembryanthemum archeri** (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Sceletium archeri*.
- Mesembryanthemum baylissii** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Sphalm-anthus baylissii*.
- Mesembryanthemum brevicarpum** (L. Bolus) Klak, Taxon 56(3): 750, 2007. Basionym: *Aridaria brevicarpa*.
- Mesembryanthemum caducum* Klak, Taxon 56(3): 751, 2007. Based on *Godman* s.n.. *Nom. illeg.* (Art. 53.1). [*Nom. nov. et illeg. pro Aridaria congesta* L. Bolus 1930 (*non Mesembryanthemum congestum* Salm-Dyck 1854). *Non Mesembryanthemum caducum* Aiton 1789.]
- Mesembryanthemum chrysophthalmum** (Gerbaulet & Struck) Klak, Taxon 56(3): 751, 2007. Basionym: *Phyllobolus chrysophthalmus*.
- Mesembryanthemum deciduum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria decidua*.
- Mesembryanthemum decurvatum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria decurvata*.
- Mesembryanthemum digitatum** ssp. *littlewoodii* (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Dactyloopsis littlewoodii*.
- Mesembryanthemum exalatum** (Gerbaulet) Klak, Taxon 56(3): 752, 2007. Basionym: *Sceletium exalatum*.

- Mesembryanthemum gariense** (Gerbaulet & Struck) Klak, Taxon 56(3): 751, 2007. Basionym: *Phyllobolus gariense*.
- Mesembryanthemum glareicola** (Klak) Klak, Taxon 56(3): 752, 2007. Basionym: *Brownanthus glareicola*.
- Mesembryanthemum holense** Klak, Taxon 56(3): 751, 2007. Typus: Hall 2497 (BOL). [*Nom. nov. pro Sphalmanthus humilis* L. Bolus (non *Mesembryanthemum humile* Haworth 1795).]
- Mesembryanthemum ladismithiense** Klak, Taxon 56(3): 752, 2007. Lectotypus: Bolus 145 (BOL [lecto]) [Lectotype designated by Gerbaulet, Bot. Jahrb. Syst. 118: 19, 1996 (sub *Sceletium strictum*).] [*Nom. nov. pro Sceletium strictum* L. Bolus 1927 (non *Mesembryanthemum strictum* Haworth 1803).]
- Mesembryanthemum lancifolium** (L. Bolus) Klak, Taxon 56(3): 750, 2007. Basionym: *Aptenia lancifolia*.
- Mesembryanthemum latipetalum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria latipetala*.
- Mesembryanthemum lignescens** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Sphalmanthus lignescens*.
- Mesembryanthemum ligneum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria lignea*.
- Mesembryanthemum liliputanum** Klak, Taxon 56(3): 751, 2007. Typus: Pillans 6213 (BOL). [*Nom. nov. pro Aridaria abbreviata* L. Bolus 1930 (non *Mesembryanthemum abbreviatum* Haworth 1826).]
- Mesembryanthemum napierense** Klak, Taxon 56(3): 752, 2007. Typus: Klak 171 (BOL, K). [*Nom. nov. pro Brownanthus fraternus* Klak 2000 (non *Mesembryanthemum fraternum* N. E. Brown 1913).]
- Mesembryanthemum neglectum** (Pierce & Gerbaulet) Klak, Taxon 56(3): 752, 2007. Basionym: *Brownanthus neglectus*.
- Mesembryanthemum neofoliosum** Klak, Taxon 56(3): 753, 2007. Typus: Pillans s.n. in BOL 17813 (BOL). [*Nom. nov. pro Psilocaulon foliosum* L. Bolus 1929 (non *Mesembryanthemum foliosum* Haworth 1803).]
- Mesembryanthemum noctiflorum** ssp. **defoliatum** (Haworth) Klak, Taxon 56(3): 750, 2007. Basionym: *Mesembryanthemum defoliatum*.
- Mesembryanthemum noctiflorum** ssp. **stramineum** (Haworth) Klak, Taxon 56(3): 750, 2007. Basionym: *Mesembryanthemum stramineum*.
- Mesembryanthemum nuciferum** (Ihlenfeldt & Bittrich) Klak, Taxon 56(3): 752-753, 2007. Basionym: *Pseudobrownanthus nucifer*. [Sphalm. 'nucifer'.]
- Mesembryanthemum occidentale** Klak, Taxon 56(3): 750, 2007. Typus: Pillans 5696 (BOL). [*Nom. nov. pro Aridaria vespertina* L. Bolus 1928 (non *M. vespertinum* A. Berger 1908).]
- Mesembryanthemum pallens** ssp. **lanceum** (Thunberg) Klak, Taxon 56(3): 752, 2007. Basionym: *Mesembryanthemum lanceum*.
- Mesembryanthemum pallens** ssp. **luteum** (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Prenia pallens* var. *lutea*.
- Mesembryanthemum pallens** ssp. **namaquense** (Gerbaulet) Klak, Taxon 56(3): 752, 2007. Basionym: *Prenia pallens* ssp. *namaquensis*.
- Mesembryanthemum prasinum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria prasina*.
- Mesembryanthemum pseudoschlichtianum** (Pierce & Gerbaulet) Klak, Taxon 56(3): 753, 2007. Basionym: *Brownanthus pseudoschlichtianus*.
- Mesembryanthemum pumilum* (L. Bolus) Klak, Taxon 56(3): 751, 2007. *Nom. illeg.* (Art. 53.1), based on *Aridaria pumila*. [Non *Mesembryanthemum pumilum* L. Bolus ex Fedde & Schuster 1918.]
- Mesembryanthemum quartziticola** Klak, Taxon 56(3): 751, 2007. Typus: Pillans 5034 (BOL). [*Nom. nov. pro Aridaria quartzitica* L. Bolus 1929 (non *Mesembryanthemum quartzitica* Dinter 1923).]
- Mesembryanthemum rabiei** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria rabiei*.
- Mesembryanthemum radicans** (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Aridaria radicans*.
- Mesembryanthemum serotinum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Aridaria serotina*.
- Mesembryanthemum splendens** ssp. **pentagonum** (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Aridaria pentagona*.
- Mesembryanthemum springbokense** Klak, Taxon 56(3): 753, 2007. Typus: Klak 861 (BOL, K, MO). [*Nom. nov. pro Brownanthus lignescens* Klak 2003 (non *Mesembryanthemum lignescens* (L. Bolus) Klak 2007).]
- Mesembryanthemum suffruticosum** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Cryophytum suffruticosum*.
- Mesembryanthemum tomentosum** Klak, Taxon 56(3): 753, 2007. Lectotypus: Drège 2937 (not located) [Lectotype designated by Bullock, Bull. Misc. Inf. [Kew] 1937: 495, 1937, sub *Trichocycylus*.] [*Nom. nov. pro Trichocycylus pubescens* N. E. Brown ex C. A. Maass 1928 (non *Mesembryanthemum pubescens* Haworth 1795).]
- Mesembryanthemum vanheerdei** (L. Bolus) Klak, Taxon 56(3): 751, 2007. Basionym: *Sphalmanthus vanheerdei*.
- Mesembryanthemum vanrensburgii** (L. Bolus) Klak, Taxon 56(3): 752, 2007. Basionym: *Prenia vanrensburgii*.

ALOEACEAE

- Aloe** 'Hardy's Dream' Mays & Trager, *Alsterworthia Internat.* 7(1): 10, ills., 2007. [Based on a specimen collected in Madagascar, formerly referred to as *Aloe deltoideodonta* 'Variegata'.]
- Aloe acutissima** var. **fiherensis** J.-B. Castillon, *Succulentas* 2007(4): 3, 6, ills. (pp. 6-7), 2007. Typus: *Castillon* 31 (HBG).
- Aloe acutissima** var. **isaloana** J.-B. Castillon, *Succulentas* 2007(4): 6-7, ills. (p. 5), 2007. Typus: *Castillon* 32 (HBG).
- Aloe ambrensis** J.-B. Castillon, *Cact. World* 25(1): 12, ills. (pp. 12-14), 2007. Typus: *Castillon* 28 (HBG).
- Aloe archeri** ssp. **tugenensis** (L. E. Newton & Lavranos) Wabuye, *Stud. East. Afr. Aloes*, [part III]: 18, 2006. Basionym: *Aloe tugenensis*.
- Aloe argyrostachys** Lavranos & al., *Bradleya* 25: 18-20, ills., 2007. Typus: *Pronk* 111 (Herb. Biol. Dept. Univ. Antananarivo).
- Aloe aufensis** T. A. McCoy, *Excelsa* 21: 2, ills. (pp. 3-4), 2007. Typus: *McCoy* 1119 (MO) [The protologue cites a different collection number for an 'isotype' at UPS, which therefore cannot be of isotype status.].
- Aloe cataractarum** T. A. McCoy & Lavranos, *Aloe* 44(1): 53, ills., 2007. Typus: *McCoy* 1923 (FT).
- Aloe djiboutiensis** T. A. McCoy, *Cact. Succ. J. (US)* 79(6): 270, ills. (p. 269), 2007. Typus: *McCoy* 3019 (FT).
- Aloe doddsiorum** T. A. McCoy & Lavranos, *Cact. World* 25(4): 209-211, ills., 2007. Typus: *Dodds* 1 (EA, FT).
- Aloe downsiana** T. A. McCoy & Lavranos, *Cact. World* 25(3): 139, ills. (pp. 137-139), 2007. Typus: *McCoy* 1146 (FT).
- Aloe ericahenriettae** T. A. McCoy, *Cact. Succ. J. (US)* 79(6): 271, ills. (p. 270-271), 2007. Typus: *McCoy* 3130 (FT).
- Aloe fianarantsoae** J.-B. Castillon, *Kakt. and. Sukk.* 58(3): 60-63, ills., 2007. Based on ?*Castillon* s.n. *Nom. inval.* (Art. 37.2). [No collector / collector number given for the type collection.]
- Aloe haggeherensis** T. A. McCoy & Lavranos, *Kakt. and. Sukk.* 58(11): 297-298, ills., 2007. Typus: *Lavranos* s.n. (FT).
- Aloe jibisana** L. E. Newton, *Haseltonia* 12: 20, ills. (pp. 19-20), 2007. Typus: *Brown* s.n. in *Newton* 5573 (K, EA). [Dated 2006, publ. 2007.]
- Aloe kwasimbana** T. A. McCoy & Lavranos, *Aloe* 44(1): 50-51, ills., 2007. Typus: *McCoy* 1149 (FT).
- Aloe lanata** T. A. McCoy & Lavranos, *Kakt. and. Sukk.* 58(11): 296-297, ills. (pp. 295-297), 2007. Typus: *McCoy* 2010 (FT).
- Aloe latens** T. A. McCoy & Lavranos, *Aloe* 44(1): 52-53, ills., 2007. Typus: *McCoy* 1714 (FT).
- Aloe macrocarpa** ssp. **wollastonii** (Rendle) Wabuye, *Stud. East. Afr. Aloes*, [part II]: 20, 2006. Basionym: *Aloe wollastonii*.
- Aloe mossurilensis** Ellert, *Succulenta* 86(3): 127-132, ills., 2007. *Nom. inval.* (Art. 34.1b, 36.1). [Published as provisional name.]
- Aloe neogharensis** T. A. McCoy, *Excelsa* 21: 5, ills. (pp. 3-4), 2007. Typus: *McCoy* 2144 (MO) [The protologue cites a different collection number for an 'isotype' at UPS, which therefore cannot be of isotype status.].
- Aloe neosteudneri** Lavranos & T. A. McCoy, *Bradleya* 25: 15, ills. (pp. 11, 14), 2007. Typus: *Penzig* 1424 (K).
- Aloe nordaliae** Wabuye, *Stud. East. Afr. Aloes*, [part V]: 18, ill. (introduction: 36, fig. A), 2006. Typus: *Wabuye* 42 (EA, O).
- Aloe omoana** T. A. McCoy & Lavranos, *Cact. World* 25(3): 139-140, ills., 2007. Typus: *McCoy* 1269 (FT).
- Aloe pachydactylos** T. A. McCoy & Lavranos, *Cact. Succ. J. (US)* 79(3): 129, ills. (pp. 129-130), 2007. Typus: *Razafindratsira* s.n. (TAN, FT).
- Aloe porphyrostachys** ssp. **koenenii** (Lavranos & K. Koch) Lodé, *Cact.-Avent. Int. No.* 73: 33, 35, ills., 2007. Basionym: *Aloe koenenii*.
- Aloe ruvuensis** T. A. McCoy & Lavranos, *Aloe* 44(1): 51, ills., 2007. Typus: *McCoy* 1162 (FT).
- Aloe saudiarabica** T. A. McCoy, *Excelsa* 21: 6, ills. (pp. 3-4), 2007. Typus: *McCoy* 2744 (MO) [The protologue cites a different collection number for an 'isotype' at UPS, which therefore cannot be of isotype status.].
- Aloe secundiflora** var. **tweediae** (Christian) Wabuye, *Stud. East. Afr. Aloes*, [part V]: 19, 2006. Basionym: *Aloe tweediae*.
- Aloe sobolifera** (S. Carter) Wabuye, *Stud. East. Afr. Aloes*, [part V]: 19, 2006. Basionym: *Aloe secundiflora* var. *sobolifera*.
- Aloe tartarensis** T. A. McCoy & Lavranos, *Cact. World* 25(4): 212-213, ills., 2007. Typus: *McCoy* 2219 (EA).
- Aloe tulearensis** T. A. McCoy & Lavranos, *Cact. Succ. J. (US)* 79(3): 128, ills. (pp. 126-128), 2007. Typus: *McCoy* 2523 (TAN, FT).
- Aloe zakamisyi** T. A. McCoy & Lavranos, *Kakt. and. Sukk.* 58(10): 258-59, ills., 2007. Typus: *McCoy* 2832 (FT).
- Haworthia** 'Sandra' Grootcholten, *Alsterworthia Internat.* 7(1): 10, ill., 2007. [A selected clone from a second-generation complex hybrid.]
- Haworthia atroviridis** (Medikus) M. Hayashi, *Haworthia Study No.* 18: 14, 2007. Basionym: *Catevala atroviridis*.
- Haworthia fukuyae** M. Hayashi, *Haworthia Study No.* 17: 16, ill., 2007. Typus: *Hayashi* 06-256 (Res. Inst. Evol. Biol., Setagaya, Tokyo). [Sphalm. 'fukuyai'.]
- Haworthia giftbergensis** (G. G. Smith) M. Hayashi, *Haworthia Study No.* 17: 10, ill., 2007. Basionym: *Haworthia nortieri* var. *giftbergen-*

sis.

- Haworthia marxii** Gildenhuijs, *Aloe* 44(1): 4-5, ills., 2007. Typus: *Marx* 605 (GRA).
Haworthia mortonii Breuer, *Alsterworthia Internat.* 7(1): 22, ill., 2007. Typus: *Cumming* 10485 (GRA).
Haworthia sapphaia M. Hayashi, *Haworthia Study No.* 17: 16, ill., 2007. Typus: *Hayashi* 06-265 (Res. Inst. Evol. Biol., Setagaya, Tokyo). [Specific epithet probably derived from Gr. 'sappheiros' but treated as intentional spelling.]

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- Steganotaenieae** C. I. Calviño & S. R. Downie, *Molec. Phylogen. Evol.* 44: 187, 2007. Typus: *Steganotaenia* Hochstetter.

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- Angolluma cucullata** Plowes, *Excelsa* 21: 12-13, ills. (p. 9), 2007. Typus: *Lavranos & Newton* 13140 (SRGH, ZSS) [Ex cult. Mutare, Zimbabwe, sub Plowes 5059. The isotype at ZSS is not cited in the protologue.].
Angolluma fenestrata Plowes, *Excelsa* 21: 13, ills. (p. 9), 2007. Typus: *Lavranos & Newton* s.n. (SRGH) [Ex cult. Mutare, Zimbabwe, sub Plowes 5010.].
Angolluma fenestrata var. **flava** Plowes, *Excelsa* 21: 13-14, ill. (p. 10), 2007. Typus: *Lavranos & al.* 15757 (SRGH) [Ex cult. Mutare, Zimbabwe, sub Plowes 6135.].
Brachystelma arachnoideum Masinde, *Kew Bull.* 62(1): 76-77, ills., 2007. Typus: *Bidgood & al.* 2474 (K, DSM, NHT).
Brachystelma coddii ssp. **kituloense** (Goyder) Masinde, *Kew Bull.* 62(1): 50, 2007. Basionym: *Brachystelma kituloense*.
Brachystelma floribundum var. **mlikakito** Masinde, *Kew Bull.* 62(1): 64-65, ills., 2007. Typus: *Richards* 10224 (K).
Brachystelma nutans Bruyns, *Novon* 16: 452-453, ills., 2006. Typus: *Bruyns* 9729 (BOL, MO).
Caralluma darfurensis Plowes, *Excelsa* 21: 7-8, ills. (p. 10), 2007. Typus: *Plowes* 7497 (SRGH) [Type ex cult. Khartoum, April 1988.].
Echidnopsis planiflora ssp. **chrysantha** (Lavranos) Meve & Thiv, *Pl. Syst. Evol.* 265: 82, 2007. Basionym: *Echidnopsis chrysantha*.
Echidnopsis sharpei ssp. **bavazzanoi** (Lavranos) Meve & Thiv, *Pl. Syst. Evol.* 265: 82, 2007. Basionym: *Echidnopsis bavazzanoi*. [Sphalm. 'bavazzani'.]
Hoya balaensis Kidyoo & Thaitong, *Blumea* 52: 327-329, ills., 2007. Typus: *Kidyoo* 303 (BCU, L).

- Hoya meredithii** T. Green, *Fraterna* 20(3): 14, 2007. Typus: *Meredith* s.n. in *Green* 80-05 (BISH 511439, NY) [The isotype at NY is incorrectly shown as "lectotype".]. [First published invalidly (based on 2 syntypes) in *Phytologia* 64(4): 304-306, ills., 1988.].
Huernia lapanthera Bruyns, *Bothalia* 37(1): 23-24, ills., 2007. Typus: *Bruyns* 10410 (BOL, K).
Raphionacme villicorona Venter, *South Afr. J. Bot.* 73: 98-99, ills., 2007. Typus: *Winter* 5899 (PRE).
Rhytidocaulon pseudosubscandens T. A. McCoy, *Asklepios* No. 96: 9-11, ills., 2007. Typus: *Specks* 1860 in *McCoy* 2806 (MO, UPS). [Dated Nov. 2006, received at ZSS 8. 2. 2007.].
Stenostelma umbelluliferum (Schlechter) Bester & Nicholas, *Bothalia* 37(1): 50, ills. (pp. 49-50), 2007. Basionym: *Schizoglossum umbelluliferum*.

ASPHODELACEAE

- Bulbine capensis** Baijnath ex G. Williamson, *Aloe* 43(4): 91-92, ills., 2007. Typus: *Williamson* 5982 (NBG). [Dated Dec. 2006, received at ZSS May 2007.].
Bulbine stolonifera Baijnath ex G. Williamson, *Aloe* 43(4): 93-94, ills., 2007. Typus: *Williamson* 5967 (NBG). [Dated Dec. 2006, received at ZSS May 2007.].
Trachyandra arenicola J. C. Manning & Goldblatt, *Bothalia* 37(1): 27-28, ill. (p. 30), 2007. Typus: *Manning* 3026 (NBG, K, MO).

ASTERACEAE

- Kleinia caespitosa** Thulin, *Nordic J. Bot.* 24(4): 381-382, ills., 2007. Typus: *Thulin & al.* 9168 (UPS, K) [Ex cult.].

BALSAMINACEAE

- Impatiens barthlottii** Eb. Fischer & Rahelivololana, *Adansonia, sér.* 3, 29(2): 272-274, ills., 2007. Typus: *Bardot-Vauculon & al.* 1397 (P, MO, TAN).

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- Commiphora kuneneana** Swanepoel, *Bothalia* 37(1): 42-43, ills. (pp. 41-44), 2007. Typus: *Swanepoel* 211 (WIND, PRE).

CACTACEAE

- Airampoa hintonii* Withers, Cact.-Avent. Int. No. 74: 12-13, ills., 2007. *Nom. inval.* (Art. 36.1, 37.1). [Used as provisional name.]
- Arrojadoa albicoronata** (van Heek & al.) P. J. Braun & Esteves, Cact. Succ. J. (US) 79(6): 262, ills. (p. 255), 2007. Basionym: *Arrojadoa eriocaulis* var. *albicoronata*.
- Arrojadoa hofackeriana** (P. J. Braun & Esteves) P. J. Braun & Esteves, Cact. Succ. J. (US) 79(6): 259, ills., 2007. Basionym: *Arrojadoa multiflora* ssp. *hofackeriana*.
- Arrojadoa rosenbergeriana** (van Heek & Strecker) P. J. Braun & al., Cact. Succ. J. (US) 79(6): 260, ills. (p. 263), 2007. Basionym: *Arrojadoa eriocaulis* var. *rosenbergeriana*.
- Arrojadoopsis** Guiggi, Cactology 1: 26, 2007. Typus: *Arrojadoa marylandiae* Soares Filho & M. Machado.
- Arrojadoopsis marylandiae** (Soares Filho & M. Machado) Guiggi, Cactology No. 1: 26, 2007. Basionym: *Arrojadoa marylandiae*.
- Aylostera fiebrigii** var. *azurduyensis* (de Vries) Mieczakowski, Kakt. Inne 4(1): 11, 2007. Basionym: *Aylostera azurduyensis*.
- ×**Chamygmaecereus** Mordhorst, Hybriden-J. 2007(3): 11, ill. (colour p. 4), 2007. [= *Chamaecereus x Pygmaecereus*.]
- Cleistocactus acanthurus** ssp. *canetensis* (Rauh & Backeberg) Ostolaza, Cact. World 25(4): 218, 2007. Basionym: *Loxanthocereus canetensis*.
- Cleistocactus erigens** (Rauh & Backeberg) Ostolaza, Cact. World 25(4): 219, ill. (p. 218), 2007. Basionym: *Loxanthocereus erigens*.
- Coleocephalocereus uebelmanniorum** (P. J. Braun & Esteves) P. J. Braun & al., Kakt. and. Sukk. 58(8): 213, ills. (pp. 211-212), 2007. Basionym: *Coleocephalocereus pluricostatus* ssp. *uebelmanniorum*.
- Consolea macracantha** ssp. *nashii* (Britton) Guiggi, Cactology No. 1: 23, 2007. Basionym: *Opuntia nashii*.
- Consolea moniliformis** ssp. *rubescens* (Salm-Dyck) Guiggi, Cactology No. 1: 23, 2007. Basionym: *Opuntia rubescens*.
- Consolea spinosissima** ssp. *millspaughii* (Britton) Guiggi, Cactology No. 1: 23, 2007. Basionym: *Opuntia millspaughii*.
- Corynopuntia aggeria** (Ralston & Hilsenbeck) M. P. Griffith, Haseltonia 9: 91, 2003. Basionym: *Opuntia aggeria*. [Dated 2002, publ. Nov. 2003. Erroneously omitted so far.]
- Corynopuntia emoryi** (Engelmann) M. P. Griffith, Haseltonia 9: 91, 2003. Basionym: *Opuntia emoryi*. [Dated 2002, publ. Nov. 2003. Erroneously omitted so far.]
- Corynopuntia kunzei** (Rose) M. P. Griffith, Haseltonia 9: 91, 2003. Basionym: *Opuntia kunzei*. [Dated 2002, publ. Nov. 2003. Erroneously omitted so far.]
- Corynopuntia marenae** (S. H. Parsons) M. P. Griffith, Haseltonia 9: 91, 2003. Basionym: *Opuntia marenae*. [Dated 2002, publ. Nov. 2003. Erroneously omitted so far.]
- ×**Disophyllum splendens** (G. D. Rowley) E. Meier, EPIG No. 57: 17, 2006. Basionym: ×*Epixochia splendens*.
- Echinocereus rischeri** (Römer) Rischer, Echinocereenfreund 20(4): 118, 2007. Basionym: *Echinocereus scheeri* ssp. *rischeri*.
- ×*Epicactus* 'Dr. Gottfried Gutte' Paetzold, Berliner Kakt.-Blätt. No. 7: 48, ill., 2007. *Nom. inval.* (Art. 43.1). [Parentage not disclosed.]
- Eriosyce napina** var. *fankhauseri* (F. Ritter) Romulski, Kakt. Inne 4(3): 131, 2007. Basionym: *Thelocephala fankhauseri*.
- Eriosyce napina** var. *glabrescens* (F. Ritter) Romulski, Kakt. Inne 4(3): 131, 2007. Basionym: *Chileorebutia glabrescens*.
- Eriosyce napina** var. *riparia* (Mächler & H. E. Walter) Romulski, Kakt. Inne 4(3): 131, 2007. Basionym: *Eriosyce napina* ssp. *riparia*.
- Eriosyce napina** var. *tenebrica* (F. Ritter) Romulski, Kakt. Inne 4(3): 131, 2007. Basionym: *Thelocephala tenebrica*.
- Escobaria hesteri** ssp. *grata* (M. Kaplan & al.) J. Lüthy & Dicht, Cact. World 25(3): 175, 2007. Basionym: *Escobaria grata*.
- Fraillea buenekeri* ssp. *centrispina* M. Machado, Cact. World 25(2): 66, ills., 2007. *Nom. inval.* (Art. 34.1b, 36.1). [Used as provisional name.]
- Gymnocalycium ambatoense** ssp. *plesnikii* Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 19, ills. (front cover, pp. 14, 17), 2007. Typus: *Fechser/LTR* s.n. (Herb. Halda 061139) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium amerhauseri** ssp. *altagraciense* H. Till & Amerhauser, Gymnocalycium 20(3): 735-736, ills., 2007. Typus: *Till* 3093 (CORD).
- Gymnocalycium borthii** ssp. *nogolense* Neuhuber, Gymnocalycium 20(1): 701-702, ills., 2007. Typus: *Neuhuber* 96-866 (BA, WU).
- Gymnocalycium borthii** var. *viridis* Neuhuber, Gymnocalycium 20(1): 705, ills., 2007. Typus: *Neuhuber* 89-85 (BA, WU).
- Gymnocalycium dubniorum** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 16, 18, ills. (pp. 6, 14), 2007. Typus: *Procházka* 68/154 (Herb. Halda 061138) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium frankianum** Rausch ex H. Till & Amerhauser, Gymnocalycium 20(3): 730-731, ills., 2007. Typus: *Rausch* 722 (CORD, WU) [Isotype at WU cryptically indicated in the paragraph preceding the diagnosis.]. [Name first used informally by W. Rausch but never before validly published.]
- Gymnocalycium gibbosum** ssp. *radovanii* Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 5-7, ills. (p. 11), 2007. Typus: *Procházka*

- 71/158 (Herb. Halda 061134) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium glaucum** ssp. **albertovojtechii** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 20-22, ills. (p. 21, inside back cover), 2007. Typus: *STO* 60 (Herb. Halda 061140) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007. Arguably illegitimate (Art. 52.1) versus *Gymnocalycium catamarcense* ssp. *schmidianum* Till & W. Till (1995), which is based on material from the same gathering (according to Anonymus, *Gymnocalycium* 21(1): 1, 2008), though the type number is given as Till 87-60/1598]
- Gymnocalycium lukasikii** ssp. **emilii** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 8-10, ills. (p. 12), 2007. Typus: *STO* 1596 (Herb. Halda 061136) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium multiflorum** var. **ourselianum** J. F. Cels ex H. Till & W. Till, *Gymnocalycium* 20(2): 719, ills., 2007. Typus: *Rausch* s.n. in *Till* 3541 (BA).
- Gymnocalycium prochazkianum** ssp. **ivoi** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 10, 15-16, ills. (pp. 13, 15), 2007. Typus: *Procházka* s.n. (Herb. Halda 061137) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium quehlianum** ssp. **leptanthum** (Spegazzini) H. Till & Amerhauser, *Gymnocalycium* 20(3): 728-729, 2007. Basionym: *Echinocactus platensis* var. *leptanthus*.
- Gymnocalycium quehlianum** var. **calochlorum** (Bödeker) H. Till & Amerhauser, *Gymnocalycium* 20(3): 729, 2007. Basionym: *Echinocactus calochlorus*.
- Gymnocalycium quehlianum** var. **terweemianum** (Teucq ex Duursma) H. Till & Amerhauser, *Gymnocalycium* 20(3): 730, 2007. Basionym: *Echinocactus platensis* var. *terweemianus*.
- Gymnocalycium raineri** H. Till, *Gymnocalycium* 20(2): 722-723, ills., 2007. Typus: *Amerhauser* 93-780 (BA, WU).
- Gymnocalycium reductum** var. **platense** (Spegazzini) R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Echinocactus platensis*.
- Gymnocalycium sibalii** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 7-8, ills. (pp. 9, 12), 2007. Typus: *Procházka* 77/173 (Herb. Halda 061135) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium spegazzinii** ssp. **sarkae** Halda & Milt, Acta Mus. Richnov. Sect. Nat. 13(1): 22-24, ills. (p. 23, inside back cover), 2007. Typus: *Kupcak* 54 (Herb. Halda 061141) [Ex cult. Hort. Milt, 20. 5. 2006.]. [Dated 2006, received at ZSS in Feb. 2007.]
- Gymnocalycium taningaense** ssp. **fuschilloi** Neuhuber, *Gymnocalycium* 20(1): 705-706, ills., 2007. Typus: *Neuhuber* 90-240 (BA, WU).
- Gymnocalycium taningaense** var. **lukasikii** (Halda & Kupcák) Neuhuber, *Gymnocalycium* 20(1): 704, ills., 2007. Basionym: *Gymnocalycium lukasikii*.
- Haageocereus acranthus** ssp. **backebergii** N. Calderón, *Bradleya* 25: 64, ills. (p. 66), 2007. Typus: *Ritter* 145 loc. 4 (U 8476). [Nom. nov. pro *Haageocereus limensis* var. *andicola* F. Ritter 1981.]
- Haageocereus versicolor** ssp. **pseudoversicolor** (Rauh & Backeberg) N. Calderón, *Bradleya* 25: 106, 2007. Basionym: *Haageocereus pseudoversicolor*.
- ×*Haagespostoa ritteri* Ostolaza, *Quepo* 21: 72, 2007. *Nom. inval.* (Art. 36.1, 37.1). [= *Haageocereus pseudomelanosteles* ssp. *chryseus* × *Espostoa nana*, first mentioned by F. Ritter, *Kakt. Südamer.* 4: 1424, 1981.]
- Islaya caligophila** (R. Pinto) Faúndez & R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Eriosyce caligophila*.
- Islaya iquiquensis** (F. Ritter) Faúndez & R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Pyrrhocactus iquiquensis*.
- Islaya laui** (J. Lüthy) Ferryman ex Faúndez & R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Eriosyce laui*. [First published invalidly (Art. 33.4, cf. RPS 50) by Ferryman, *Chileans* 17(56): 95, 1999 ('1998').]
- Lepismium floribundum** Süpplie, *Rhipsalis* & *Lepismium*, 65-66, ills. (p. 81), 2007. Typus: *Kreuz* 2001/18 (Herb. EPRIC Foundation 2006/067).
- Lepismium monacanthum** ssp. **espinosum** (Kimmach) Süpplie, *Rhipsalis* & *Lepismium*, 74, 2007. Basionym: *Rhipsalis monacantha* var. *espinosa*. [Sphalm. 'espinosa'.]
- Maihueniopsis boliviana** ssp. **echinacea** (F. Ritter) Faúndez & R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Tephrocactus echinaceus*.
- Maihueniopsis boliviana** ssp. **ignescens** (Vaupel) Faúndez & R. Kiesling, *Darwiniana* 45(2): 237, 2007. Basionym: *Opuntia ignescens*.
- Mammillaria crinita* fa. *tezontle* (W. A. & B. Fitz Maurice) W. A. & B. Fitz Maurice, *Cactus & Co.* 11(2): 114, ills., 2007. *Nom. inval.* (Art. 33.4), based on *Mammillaria tezontle*.
- Mammillaria lasiacantha** fa. **cuchillensis** Rogozinski & Plein, *Mitteilungsbl. AfM* 31(1): 31, 2007. Typus: *Lacoste* 546 (ZSS). [Name first used invalidly (Art. 36.1, 37.1) l.c. 30(4): 177, 2006.]
- Mammillaria lasiacantha** fa. **diablensis** Rogozinski & Plein, *Mitteilungsbl. AfM* 31(1): 30, 2007. Typus: *Rogozinski* 619 (ZSS) [Ex cult.]. [Name first used invalidly (Art. 36.1, 37.1) l.c. 30(4): 177, 2006.]

- Mammillaria lasiacantha** fa. **wohlschlageri** (Reppenhagen) W. ten Hove, J. Mammillaria Soc. 47(3): 62, 2007. Basionym: *Mammillaria wohlschlageri*.
- Mammillaria lasiacantha** var. **hamatispina** Rogozinski & Plein, Mitteilungsbl. AfM 31(1): 31-32, 2007. Typus: *Rogozinski 88* (ZSS) [Ex cult.]. [Name first used invalidly (Art. 36.1, 37.1) by E. Kuhn ex Linzen, Inform.-brief. ZAG Mammillarien 7(2): 25, 1981, and again as combination for *Mammillaria magallanii* var. *hamatispina* Backeberg by Rogozinski & Plein, l.c. 30(4): 178, 2006.]
- Mammillaria lindsayi** fa. **narlinii** Rogozinski & Plein, Mitteilungsbl. AfM 31(4): 220-221, ills. (p. 214), 2007. Typus: *Rogozinski 746* (UAT).
- Mammillaria sinforosensis** Linzen & R. Schumacher, Kakt. and. Sukk. 58(9): 233-234, ills. (pp. 231-232), 2008. Typus: *Schumacher 909* (Herb. Univ. Auton. Chapingo, Durango 2668).
- Mammillaria sinforosensis** fa. **rubriflora** (Hils) Linzen & R. Schumacher, Kakt. and. Sukk. 58(9): 236, ill. (p. 235), 2007. Basionym: *Mammillaria lindsayi* var. *rubriflora*.
- Mammillaria sinforosensis** ssp. **cobrensis** (Hils) Linzen & R. Schumacher, Kakt. and. Sukk. 58(9): 236, ill. (p. 235), 2007. Basionym: *Mammillaria lindsayi* var. *cobrensis*.
- Mammillaria sinforosensis** ssp. **marionae** Linzen & R. Schumacher, Kakt. and. Sukk. 58(9): 234-235, ills. (p. 233), 2007. Typus: *Schumacher 911* (Herb. Univ. Auton. Chapingo, Durango 2667).
- Microputia pulchella** (Engelmann) M. P. Griffith, Haseltonia 9: 91, 2003. Basionym: *Opuntia pulchella*. [Dated 2002, publ. Nov. 2003. Erroneously omitted so far. Name first used invalidly (Art. 33.3) by C. Holland, Brit. Cact. Succ. J. 17(4): 206, 1997 (RPS 48).]
- Notocactus tabularis** var. **setispinus** W. Prauser, Internoto 28(2): 31-32, ills., 2007. Typus: *Abraham 12a* (FRP). [See l.c. 28(4): 89, 2007, for an additional illustration.]
- Parodia horrida** fa. **lohaniana** (A. B. Lau & Weskamp) Käisinger, Mitteilungsbl. Inter-Parodia-Kette No. 24: 10, ills., 2007. Basionym: *Parodia lohaniana*.
- Parodia horrida** var. **cachiana** (Weskamp) Käisinger, Mitteilungsbl. Inter-Parodia-Kette No. 24: 6, ills., 2007. Basionym: *Parodia cachiana*.
- Parodia horrida** var. **dichroacantha** (F. H. Brandt & Weskamp) Käisinger, Mitteilungsbl. Inter-Parodia-Kette No. 24: 12, ills., 2007. Basionym: *Parodia dichroacantha*.
- Parodia tuberculata** var. **sotomayorensis** (F. Ritter) Neut, Mitteilungsbl. Inter-Parodia-Kette No. 24: 19 [caption only], 2007. *Nom. inval.* (Art. 34.1a), based on *Parodia sotomayorensis*.
- Pilosocereus hermii** P. J. Braun & al., Kakt. and. Sukk. 58(7): 184-186, ills. (pp. 183-188), 2007. Typus: *Esteves 587* (UFG).
- Puna mandragora* (Backeberg) Odehnal, Kaktusy 43(1): 34, 2007. *Nom. inval.* (Art. 33.4), based on *Tephrocactus mandragora*.
- Pygmaocereus bieblii** var. **kuehhasii** Diers, Kakt. and. Sukk. 58(3): 72-76, ills., 2007. Typus: *Kühhas 81/26* (USM, WU).
- Pyrrhocactus philippianus** Faúndez, Darwiniana 45(2): 237, 2007. Typus: *Kattermann 391* (DBG). [*Nom. nov. pro Eriosyce occulta* Kattermann 1994 (*non Pyrrhocactus occultus* (K. Schumann) F. Ritter 1959.)]
- Rhipsalis** 'Heidelberg' Stüpplie, Rhipsalis & Lepismium, 121, ill., 2007. [= *Rhipsalis puniceodiscus* × *R. neves-armondii*.]
- Rhipsalis pilocarpa** fa. **minima** Stüpplie, Rhipsalis & Lepismium, 119, ills., 2007. Typus: *Anonymus s.n.* in *EPRIC* 2001/18 (Herb. EPRIC Foundation 2007/01).
- Sclerocactus glaucus** ssp. **wetlandicus** (Hochstätter) J. Lüthy, Cact. Syst. Init. No. 22: 24, 2007. Basionym: *Sclerocactus wetlandicus*.
- Sclerocactus scheeri** ssp. **brevihamatus** (Engelmann) J. Lüthy, Cact. Syst. Init. No. 22: 23, 2007. Basionym: *Echinocactus brevihamatus*.
- Sclerocactus spinosior** ssp. **nyensis** (Hochstätter) J. Lüthy, Cact. Syst. Init. No. 22: 23, 2007. Basionym: *Sclerocactus nyensis*.
- Sclerocactus whipplei** ssp. **cloverae** (K. D. Heil & J. M. Porter) Hochstätter, Succulenta 86(2): 90, 2007. Basionym: *Sclerocactus cloverae*.
- Sulcorebutia frankiana* var. **gigantea** Slaba & Sorma, Kaktusy 43(2): 55, ill., 2007. *Nom. inval.* (Art. 34.1b). [Published as provisional name.]
- Sulcorebutia frankiana* var. **gracilis** Slaba & Sorma, Kaktusy 43(2): 55, ill., 2007. *Nom. inval.* (Art. 34.1b). [Published as provisional name.]
- Sulcorebutia frankiana** var. **intermedia** Slaba & Sorma, Kaktusy 43(2): 59, ills. (p. 58-59), 2007. Typus: *Slaba 41/02* (PR 11963). [Two collection numbers are given, but they are treated as referring to the same collection, and since a single herbarium sheet number is given, the taxon can be interpreted as being validly published.]
- Sulcorebutia frankiana* var. **lilacina** Slaba & Sorma, Kaktusy 43(2): 56, ill., 2007. *Nom. inval.* (Art. 34.1b). [Published as provisional name.]
- Sulcorebutia frankiana* var. **polymorpha** Slaba & Sorma, Kaktusy 43(2): 56, ill., 2007. *Nom. inval.* (Art. 34.1b). [Published as provisional name.]
- Sulcorebutia frankiana** var. **rectispina** Slaba & Sorma, Kaktusy 43(2): 58, ills. (p. 57), 2007. Typus: *Slaba 43a/02* (PR 11962). [Two collection numbers are given, but they are treated as referring to the same collection, and since a single herbarium sheet number is given, the taxon can be interpreted as being validly published.]

Sulcorebutia horacekii Slaba, *Kaktusy* 43(4): 123, ills. (pp. 120-122), 2007. Typus: *Slaba* 37/04 (PR 11965).

Sulcorebutia pulchra var. **albiareolata** Slaba & Sorma, *Kaktusy* 43(1): 14, ills. (p. 14-15), 2007. Typus: *Slaba* 45/02 (PR 11961). [Two collection numbers are given, but they are treated as referring to the same collection, and since a single herbarium sheet number is given, the taxon can be interpreted as being validly published.]

Sulcorebutia pulchra var. **longispina** Slaba & Sorma, *Kaktusy* 43(1): 13, ills. (p. 12), 2007. Typus: *Slaba* 47/99 (PR 11960). [Two collection numbers are given, but they are treated as referring to the same collection, and since a single herbarium sheet number is given, the taxon can be interpreted as being validly published.]

Sulcorebutia rebutioides P. Lechner & Draxler, *Kakt. and. Sukk.* 58(5): 128-129, ill., 2007. *Nom. inval.* (Art. 36.1, 37.1). [Published as provisional name.]

Sulcorebutia tarijensis ssp. **carchimayensis** K. Augustin, *Gymnocalycium* 20(4): 742, ills., 2007. Typus: *Augustin* 124 (LPB, WU).

Sulcorebutia tarijensis ssp. **samaensis** K. Augustin, *Gymnocalycium* 20(4): 743-745, ills., 2007. Typus: *Augustin* 306 (LPB, WU).

Sulcorebutia tiraquensis ssp. **krahni** (Rausch) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia krahni*.

Sulcorebutia tiraquensis ssp. **mariana** (Swoboda) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia mariana*.

Sulcorebutia tiraquensis ssp. **totorensis** (Cárdenas) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Rebutia totorensis*.

Sulcorebutia tiraquensis var. **augustinii** (Hentzschel) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia augustinii*.

Sulcorebutia tiraquensis var. **australis** (Rausch) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia steinbachii* var. *australis*.

Sulcorebutia tiraquensis var. **lauri** (Brederoo & Donald) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia vizcarrae* var. *lauri*.

Sulcorebutia tiraquensis var. **oenantha** (Rausch) Gertel & J. de Vries, *Cactus & Co.* 11(3): 158, 2007. Basionym: *Sulcorebutia oenantha*.

Trichocereus chiloensis ssp. **litoralis** (Johow) Faúndez, *Darwiniana* 45(2): 237, 2007. Basionym: *Cereus litoralis*.

Tunilla picardoi Marnier-Lapostolle ex Guiggi, *Haseltonia* 12: 13, ills. (p. 14), 2007. Typus: *Picardo* s.n. (NICE B-7289) [Ex cult. Hort. G. Delanoy.]. [Dated 2006, publ. 2007. Based on *Opuntia picardoi* Marnier-Lapostolle 1960, *nom. inval.* (Art. 37.1). Name first published invalidly (Art. 37.4) by D. R. Hunt & Iliff

(*Cact. Syst. Init. No.* 9: 11, 2000) and erroneously reported as valid in RPS 51.]

Weingartia frey-juckeri Diers & K. Augustin, *Gymnocalycium* 20(1): 711, ills., 2007. Typus: *Jucker* 441 (LPB, WU).

Wigginsia calvescens (N. Gerloff & A. D. Nilson) F. Font, *Internoto* 28(1): 14, ill., 2007. *Nom. inval.* (Art. 33.4 Note 1), based on *Notocactus calvescens*.

Winterocereus colademononis (Diers & Krahn) Metzger & R. Kiesling, *Taxon* 56(1): 227, 2007. Basionym: *Hildewintera colademononis*.

CRASSULACEAE

Aeonium nsect. **Aeonicanariensis** Bañares, *Vieraea* 35: 20, 2007. *Nom. illeg.* (Art. 52.1, H4). [= *Aeonium* Sect. *Aeonium* × *A.* sect. *Canariensis*. *Nom. illeg.* vs. *Aeonium* nsect. *Canareonium* P. V. Heath 1992.]

Aeonium nsect. **Aeonigreenovia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Aeonium* × *A.* sect. *Greenovia*.

Aeonium nsect. **Canarigoochia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Canariensis* × *A.* Sect. *Goochia*.

Aeonium nsect. **Chrysaonium** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Aeonium* × *A.* Sect. *Chrysocome*.

Aeonium nsect. **Chrysogreenovia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Chrysocome* × *A.* Sect. *Greenovia*.

Aeonium nsect. **Chrysoleuconium** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Chrysocome* × *A.* Sect. *Leuconium*.

Aeonium nsect. **Leucogoochia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Leuconium* × *A.* Sect. *Goochia*.

Aeonium nsect. **Leucogreenovia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Leuconium* × *A.* Sect. *Greenovia*.

Aeonium nsect. **Leuconiaeonium** Bañares, *Vieraea* 35: 20, 2007. *Nom. illeg.* (Art. 52.1, H4). [No type needed. = *Aeonium* Sect. *Leuconium* × *A.* Sect. *Aeonium*. *Nom. illeg.* vs. *Aeonium* nsect. *Aeonileuconium* P. V. Heath 1992.]

Aeonium nsect. **Petrocanariense** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Petrothamnium* × *A.* Sect. *Canariensis*.

Aeonium nsect. **Petrochrysocome** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Petrothamnium* × *A.* Sect. *Chrysocome*.

Aeonium nsect. **Petrogoochia** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Petrothamnium* × *A.* Sect. *Goochia*.

- Aeonium** nsect. **Petroleuconium** Bañares, *Vieraea* 35: 20, 2007. Typus: No type needed. = *Aeonium* Sect. *Petrothamnium* × *A.* Sect. *Leuconium*.
- Aeonium** ×**bornmuelleri** Bañares, *Vieraea* 35: 10-11, figs. 1, 11, 2007. Typus: *Bañares* s.n. (TFC 43438). [= *Aeonium canariense* var. *canariense* × *A. urbicum* var. *urbicum*.]
- Aeonium** ×**cabreræ** A. Santos ex Bañares, *Vieraea* 35: 11, 2007. Typus: *Bañares* s.n. (TFC 37964). [= *Aeonium diplocyclum* × *A. spathulatum*. Name first used as combination for the invalid name ×*Greenonium cabreræ* A. Santos 1983 in l.c. 25: 184, 1996, and erroneously reported as valid in RPS 48.]
- Aeonium** ×**candelariense** Bañares, *Vieraea* 35: 11-12, 2007. Typus: [lecto – icono]; Praeger, l.c. t. 14: fig. 24 [Lectotype designated by Bañares, *Vieraea* 35: 12, 2007.]. [Nom. nov. pro *Aeonium aizoon* [as *Greenovia aizoon*] × *A. aureum* [as *G. aurea*] Praeger, Proc. Roy. Irish Acad. 38B: 484, 1929.]
- Aeonium** ×**casanovense** Bañares, *Vieraea* 35: 12, fig. 2 (p. 22), 2007. Based on *Casanova* s.n. Nom. inval. (Art. H4.1). [= *Aeonium sedifolium* × *A. spathulatum*. The name *A. loartei* G. Tavormina (Sept. 2007) has priority over this name (publ. Oct. 2007).]
- Aeonium** ×**davidii** Bañares, *Vieraea* 35: 12, 2007. Typus: [icono:] Proc. Roy. Irish Acad. 38B: t. 25: fig. 26, 1929. [Nom. nov. pro ×*Greenonium bramwellii* G. D. Rowley ex P. V. Heath 1992 (non *Aeonium bramwellii* (G. D. Rowley) P. V. Heath 1992).]
- Aeonium** ×**gordonii** G. Tavormina & S. Tavormina ex Bañares, *Vieraea* 35: 13, 2007. [Nom. nov. pro ×*Greenonium rowleyi* Bramwell ex P. V. Heath 1992 (non *Aeonium xrowleyi* Bramwell ex P. V. Heath 1992), first used by G. Tavormina & S. Tavormina, *Piante Grasse* 26(2): 50, 2006, and incorrectly included as valid in RPS 57.]
- Aeonium** ×**hernandezii** Bañares, *Vieraea* 35: 13, fig. 3 (p. 23), 2007. Typus: *Bañares & Hernández* s.n. (TFC 43440).
- Aeonium** ×**lambii** Voggenreiter ex Bañares, *Vieraea* 35: 13, 2007. Typus: *Carqué* s.n. (TFC 37971). [= *Aeonium aureum* × *A. spathulatum*. Non *Aeonium x lambii* Bramwell & G. D. Rowley 1973 [nom. inval., Art. H10, 37.1].]
- Aeonium** ×**laxiflorum** (Macarrón & Bañares) Bañares, *Vieraea* 35: 14, 2007. Basionym: ×*Greenonium laxiflorum*. [Name first used invalidly (Art. 33.4) by G. Tavormina & S. Tavormina, *Piante Grasse* 26(2): 49, 2006, and incorrectly included as valid in RPS 57.]
- Aeonium** ×**loartei** G. Tavormina, *Cactus & Co.* 11(3: Collage): 4, ills. (pp. 3, 5), 2007. Typus: *Tavormina* s.n. (FT 418.1). [= *Aeonium sedifolium* × *A. spathulatum*.]
- Aeonium** ×**meridionale** Bañares ex Bañares, *Vieraea* 35: 14, 2007. Typus: *Bañares* s.n. (TFC 37975). [= *A. davidbramwellii* × *A. spathulatum*. Name first used invalidly (Art. 37.1) in l.c. 18: 68, 1990 (with the parentage given as *A. ciliatum* ssp. *praegeri* × *A. spathulatum* var. *cruentum*) and incorrectly included as valid in RPS 41.]
- Aeonium** ×**occidentale** Bañares, *Vieraea* 35: 14-15, 1990. Typus: *Bañares & Nogales* s.n. (TFC 19936). [= *A. goochiae* × *A. sedifolium*. Name first used invalidly (Art. 37.1) in l.c. 18: 68, 1990, and erroneously included as valid in RPS 41.]
- Aeonium** ×**proliferum** Bañares, *Vieraea* 35: 15, fig. 4 (p. 24), 2007. Typus: *Bañares* s.n. (TFC 43439). [= *Aeonium davidbramwellii* × *A. hierrense*.]
- Aeonium** ×**proliferum** var. **glabrifolium** Bañares, *Vieraea* 35: 15-16, fig. 5 (p. 25), 2007. Typus: *Bañares* s.n. (TFC 43441). [No parentage stated in conformity with Art. H12. Rank incorrectly given as "nvar." (cf. Art. H12).]
- Aeonium** ×**riosjordanae** (Bañares) Bañares, *Vieraea* 35: 16, 2007. Basionym: ×*Greenonium riosjordanae*. [Sphalm. 'rios-jordanae'.]
- Aeonium** ×**robustum** Bañares, *Vieraea* 35: 16, fig. 6 (p. 26), 2007. Typus: *Bañares & Bermúdez* s.n. (TFC 43436). [= *Aeonium davidbramwellii* × *A. nobile*.]
- Aeonium** ×**septentrionale** Bañares & C. Ríos, *Vieraea* 35: 17, fig. 7 (p. 27), 2007. Typus: *Ríos* s.n. (TFC 43444). [= *Aeonium aureum* × *A. undulatum*.]
- Aeonium** ×**tahodiense** Bañares, *Vieraea* 35: 17, 2007. Nom. illeg. (Art. 52.1). [Nom. nov. illeg. pro *Aeonium xbramwellii* G. D. Rowley ex P. V. Heath 1992 (Art. 23A.3(h), cited by the author as reason for the new name, is not applicable since it is only a recommendation).]
- Aeonium** ×**tijarafense** A. Santos ex Bañares, *Vieraea* 35: 17-18, 2007. Typus: *Bañares* s.n. (TFC 37967). [= *Aeonium davidbramwellii* × *A. diplocyclum*. Name first used invalidly in l.c. 25: 190, 1996 (1997?) as combination for the invalid ×*Greenonium tijarafense* A. Santos 1983.]
- Aeonium** ×**timense** Bañares & Macarrón ex Bañares, *Vieraea* 35: 18, 2007. Typus: *Bañares* s.n. (TFC 43420). [= *A. nobile* × *A. palmense*. Name first used invalidly (Art. 37.1) in l.c. 18: 68, 1990 (sphalm. 'timensis').]
- Aichryson** ×**azuajei** Bañares, *Vieraea* 35: 18, 2007. Typus: *Bañares & Acevedo* s.n. (TFC 43418). [= *Aichryson laxum* × *A. porphyrogennetos*.]
- Crassula ankaratrensis** Descoings, *J. Bot. Soc. Bot. France* 38: 11-13, ills., 2007. Typus: *Bosser* 8266 (P).
- Crassula bevilanensis** Descoings, *J. Bot. Soc. Bot. France* 38: 13-15, ills., 2007. Typus: *Humbert & Swingle* 5688 (P).
- Crassula micans** var. **vavarana** Descoings, *J. Bot. Soc. Bot. France* 38: 24, ills. (p. 23), 2007. Typus: *Humbert* 6576 (P).

- Dudleya abramsii** ssp. **costifolia** (Bartel & Shevock) Moran, J. Bot. Res. Inst. Texas 1(2): 1015, 2007. Basionym: *Dudleya cymosa* ssp. *costifolia*.
- Dudleya abramsii** ssp. **setchellii** (Jepson) Moran, J. Bot. Res. Inst. Texas 1(2): 1015, 2007. Basionym: *Cotyledon laxa* var. *setchellii*.
- Echeveria lyonsii** Kimmach, Cact. Succ. J. (US) 79(5): 218, ill. (pp. 215-217), 2007. Typus: *Kimmach & Lyons* 1445 (HNT, MEXU, US).
- Echeveria patriotica** I. García & Pérez-Calix, Acta Bot. Mex. 78: 126-128, ill., 2007. Typus: *García & Hernández* 4441 (IEB, CIMI, ENCB, MEXU, MICH).
- Jovibarba globifera** fa. **hillebrandtii** (Schott) Hadrava & Miklánek, Kaktusy 43(Special 1): 21-22, 2007. Basionym: *Sempervivum hillebrandtii*.
- Jovibarba globifera** fa. **neilreichii** (Schott & al.) Hadrava & Miklánek, Kaktusy 43(Special 1): 22, 2007. Basionym: *Sempervivum neilreichii*.
- Jovibarba globifera** var. **glabrescens** (Sabransky) Hadrava & Miklánek, Kaktusy 43(Special 1): 21, 25, 2007. Basionym: *Sempervivum hirtum* fa. *glabrescens*.
- Jovibarba globifera** var. **preissiana** (Domin) Hadrava & Miklánek, Kaktusy 43(Special 1): 22, 28, 2007. Basionym: *Sempervivum preissianum*.
- Jovibarba globifera** var. **pseudohirta** (Leute) Hadrava & Miklánek, Kaktusy 43(Special 1): 21, 2007. Basionym: *Diopogon arenarius* ssp. *pseudohirtus*.
- Monanthes xfilifolium** Bañares, Vieraea 35: 19, fig. 9 (p. 29), 2007. Typus: *Bañares & Bermúdez* s.n. (TFC 43435). [= *Monanthes anagensis* × *M. brachycaulos*.]
- Monanthes xsubglabrata** Bañares, Vieraea 35: 19-20, fig. 10 (p. 30), 2007. Typus: *Bañares* s.n. (TFC 43442). [= *Monanthes brachycaulos* × *M. minima*.]
- Pachyphytum brachetii** Reyes & al., Cact. Suc. Mex. 52(2): 56-58, ill., 2007. Typus: *Reyes* 4350 (MEXU).
- Sedum carinatifolium** (R. T. Clausen) Pérez-Calix, Revista Mex. Biodivers. 78: 282, ill. (p. 284), 2007. Basionym: *Sedum reptans* ssp. *carinatifolium*.
- Sedum glassii** Pérez-Calix, Revista Mex. Biodivers. 78: 286, ill. (p. 288), 2007. Typus: *Pérez-Calix & Carranza* 3614 (IEB, ENCB, MEXU).
- Sedum incarum** (Ball) Pino, Haseltonia 12: 60, figs. 12-19 (p. 59), 2007. Basionym: *Cotyledon incarum*. [Dated 2006, publ. 2007.]
- Sedum jerezowskii** Pérez-Calix, Revista Mex. Biodivers. 78: 285, ill. (p. 287), 2007. Typus: *Servín* 942 (IEB, ENCB, MEXU).
- Sedum lanceolatum** var. **subalpinum** (Fröderström) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 890, 2007. Basionym: *Sedum stenopetalum* var. *subalpinum*. [Nom. illeg. vs. *Sedum lanceolatum* ssp. *subalpinum* (Blankinship) R. T. Clausen 1975 (Art. 53.4).]
- Sedum laxum** var. **eastwoodiae** (Britton) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Gormania eastwoodiae*.
- Sedum laxum** var. **flavidum** (Denton) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum laxum* ssp. *flavidum*.
- Sedum laxum** var. **heckneri** (M. Peck) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum heckneri*.
- Sedum laxum** var. **latifolium** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 890, 2007. Basionym: *Sedum laxum* ssp. *latifolium*.
- Sedum obtusatum** var. **boreale** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum obtusatum* ssp. *boreale*.
- Sedum obtusatum** var. **paradisum** (Denton) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum obtusatum* ssp. *paradisum*.
- Sedum obtusatum** var. **retusum** (Rose) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Gormania retusa*.
- Sedum oreganum** var. **tenue** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 890, 2007. Basionym: *Sedum oreganum* ssp. *tenue*.
- Sedum radiatum** var. **ciliolum** (Howell) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum ciliolum*.
- Sedum radiatum** var. **depauperatum** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum radiatum* ssp. *depauperatum*.
- Sedum renzopalmae** Pino, Haseltonia 12: 62-64, ill., 2007. Typus: *Pino* 1697 (USM). [Dated 2006, publ. 2007.]
- Sedum stenopetalum** var. **monanthum** (Suksdorf) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 890, 2007. Basionym: *Sedum monanthum*.
- Sedum wrightii** var. **densiflorum** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum wrightii* ssp. *densiflorum*.
- Sedum wrightii** var. **priscum** (R. T. Clausen) H. Ohba, J. Bot. Res. Inst. Texas 1(2): 889, 2007. Basionym: *Sedum wrightii* ssp. *priscum*.
- Sempervivum marmoreum* fa. **angustissimum** (Priszter) Hadrava & Miklánek, Kaktusy 43(Special 1): 17, 2007. *Nom. inval.* (Art. 34.1b), based on *Sempervivum marmoreum* var. *angustissimum*.
- Sempervivum marmoreum* ssp. **matricum** Hadrava & Miklánek, Kaktusy 43(Special 1): 14, 2007. *Nom. inval.* (Art. 34.1b, 36.1). [Published as provisional name.]
- Sempervivum matricum* Letz ex Hadrava & Miklánek, Kaktusy 43(Special 1): 14, 2007. *Nom. inval.* (Art. 34.1a, 36.1). [Referred to as unpublished name "to be published 2007", and first used in the unpublished thesis of Letz.]
- Sempervivum montanum* fa. **neopallidum** Hadrava & Miklánek, Kaktusy 43(Special 1): 11, 2007. *Nom. illeg.* (Art. 52.1). [*Nom. nov. illeg. pro Sempervivum montanum* fa. *pallidum* Domin

1933.]

Sempervivum montanum fa. *pallidum* (Wettstein ex Hegi & Schmid) Hadrava & Miklánek, Kaktusy 43(Special 1): 11, 2007. *Nom. inval.* (Art. 53.1), based on *Sempervivum montanum* var. *pallidum*, *nom. illeg.* (Art. 53.4). [*Non Sempervivum montanum* fa. *pallidum* Domin 1933. Bracket author incorrectly given as "Wettstein ex Schinz & R. Keller".]

Sempervivum montanum ssp. **carpathicum** 'Cmiral's Yellow' Hadrava & Miklánek, Kaktusy 43(Special 1): 12, ill. (p. 9), 2007.

Thompsonella garciae-mendozae P. Carrillo & Pérez-Calix, Novon 16: 320-322, ill., 2006. Typus: *Pérez-Calix & Steinmann* 4312 (IEB, MEXU, MO). [Previously omitted.]

DRACAENACEAE

Sansevieria 'Druid Hill' Jankalski, *Sansevieria* No. 15: 13, ill., 2007. [= *Sansevieria trifasciata* 'Manda's Dwarf' × *S. ballyi*. Dated Nov. 2006, received 6. 2. 2007 at ZSS.]

Sansevieria 'Ed Eby' Jankalski, *Sansevieria* No. 15: 9, 2007. [= *Sansevieria patens* hort. Dated Nov. 2006, received 6. 2. 2007 at ZSS.]

Sansevieria 'Ed Eby Striated' Jankalski, *Sansevieria* No. 15: 9, 2007. [= *Sansevieria patens* 'Striated' Chahinian 1995 (*nom. illeg.*, ICNCP 17.11). Dated Nov. 2006, received 6. 2. 2007 at ZSS.]

Sansevieria 'Leopard Bat' Jankalski, *Sansevieria* No. 17: 24, 2007. [= *Sansevieria fischeri* × *S. raffillii*.]

Sansevieria 'McLoughlin' Jankalski, *Sansevieria* No. 15: 22, 2007. [= *Sansevieria phillipsiae* hort. Dated Nov. 2006, received 6. 2. 2007 at ZSS.]

Sansevieria 'Salaf' Jankalski, *Sansevieria* No. 17: 21, 2007. [*Nom. nov. pro Sansevieria ehrenbergii* sensu K. Schumann in Hemprich & Ehrenberg, *Symb. Phys.*, 27, t. 13: fig. 2, 1900.]

Sansevieria 'Shonen Knife' Jankalski, *Sansevieria* No. 17: 26, 2007. [= *Sansevieria splendens* hort. ex Eby, *Cact. Succ. J. (US)* 56(2): 67-68, fig. 8, 1984. Probably a garden hybrid *S. subspicata* × *S. trifasciata*.]

Sansevieria forskaoliana 'Burao' Jankalski, *Sansevieria* No. 17: 22, 2007. Based on *Lavranos* 6795. [*Nom. nov. pro Sansevieria elliptica* sensu Chahinian, *Splendid Sansevieria*, 50-51, 1 t., 2005.]

Sansevieria gracillima Chahinian, *Sansevieria* No. 12: 3-4, ill., 2005. Typus: *Lavranos* 27839 in *Chahinian* 336 (MO, NY). [Erroneously omitted so far.]

Sansevieria roxburghiana 'Roxette' Jankalski, *Sansevieria* No. 15: 25, 2007. [Dated Nov. 2006, received at ZSS 6. 2. 2007.]

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Euphorbia Sect. **Cubanthus** (Boissier) V. W. Steinmann & P. E. Berry, *Anales Jard. Bot. Madrid* 64(2): 132, 2007. Basionym: *Pedilanthus* Sect. *Cubanthus*.

Euphorbia colletteae Al-Zahrani & El-Karemy, *Edinburgh J. Bot.* 64(2): 131-134, ill., 2007. Typus: *Al-Zahrani* 170 (M, BM, CAI, E, K, KAAU, KSU, M, RIY).

Euphorbia gammaranii G. Williamson, *Euphorbia World* 2(3): 9-10, ill., 2007. *Williamson & Gammarano* 6037 (BOL). [Dated Dec. 2006, received at ZSS 26. Jan. 2007.]

Euphorbia gilbertiana Bissere & Specks, *Haseltonia* 12: 15, ill. (pp. 16-17), 2007. Typus: *Specks* 1947 (PR 11863). [Dated 2006, publ. 2007.]

Euphorbia letouzeyana (Malaisse) Bruyns, *Euphorbia World* 3(1): 5, 2007. Basionym: *Monadenium letouzeyanum*.

Euphorbia madinahensis Fayed & Al-Zahrani, *Edinburgh J. Bot.* 64(2): 117-120, ill., 2007. Typus: *Al-Zahrani* 185 (M, BM, CAI, E, K, KAAU, KSU).

Euphorbia major (Pax) Bruyns, *Euphorbia World* 3(1): 5, 2007. Basionym: *Lortia major*.

Euphorbia maromokotrensis Rebmann, *Succulentes* 2007(Spécial): 44, ill., 2007. *Nom. inval.* (Art. 36.1, 37.1).

Euphorbia marrupana Bruyns, *Novon* 16: 456, ill., 2006. Typus: *Bruyns* 9708 (BOL).

Euphorbia namuliensis Bruyns, *Novon* 16: 454-455, ill., 2006. Typus: *Bruyns* 9723 (BOL, K, MO).

Euphorbia neokaessneri Bruyns, *Euphorbia World* 3(1): 5, 2007. Typus: *Kässner* 2792 (BM). [*Nom. nov. pro Monadenium kaessneri* N. E. Brown 1911 ≡ *Euphorbia kaessneri* (N. E. Brown) Bruyns 2006 (*non Euphorbia kaessneri* Pax 1909).]

Euphorbia saudiarabica Fayed & Al-Zahrani, *Edinburgh J. Bot.* 64(2): 121-123, ill., 2007. Typus: *Al-Zahrani* 164 (M, BM, E, K, M).

Euphorbia spissa Thulin, *Nordic J. Bot.* 24(4): 377-378, ill., 2007. Typus: *Thulin* 10968 (UPS, FT, K). [Name first used invalidly (Art. 36.1) in *Fl. Somalia* 3: 570-572, ill., 2006.]

Euphorbia stenocaulis Bruyns, *Novon* 16: 457, ill. (p. 455), 2006. Typus: *Bruyns* 8534 (BOL, E, MO).

Euphorbia succulenta (Schweickerdt) Bruyns, *Euphorbia World* 3(1): 5, 2007. Basionym: *Monadenium succulentum*.

Euphorbia succulenta var. **congesta** (P. R. O. Bally) Bruyns, *Euphorbia World* 3(1): 5, 2007. Basionym: *Monadenium stapelioides* fa. *congestum*.

Euphorbia taifensis Fayed & Al-Zahrani, *Edinburgh J. Bot.* 64(2): 125-127, ill., 2007. Typus: *Al-Zahrani* 198 (M, BM, CAI, E, K, KAAU, KSU, RIY).

Euphorbia umbellata (Pax) Bruyns, *Euphorbia World* 3(1): 5, 2007. Basionym: *Synadenium umbellatum*.

GESNERIACEAE

Codonanthe gibbosa Rossini & Chautems, *Candollea* 62(2): 216-217, ill., 2007. Typus: *Vervloet & al.* 1171 (MBML, G).

HYACINTHACEAE

Ledebouria cremnophila S. Venter & van Jaarsveld, *Aloe* 43(4): 78-79, ill., 2007. Typus: *Venter* 13671 (PRE). [Dated Dec. 2006, received at ZSS May 2007.]

Ledebouria ovatifolia ssp. *scabrida* N. Crouch & T. J. Edwards, *Flow. Pl. Afr.* 60: 14, t. 2223, 2007. Typus: *Edwards & Crouch* 3260 (NU).

Ledebouria venteri van Jaarsveld & A. E. van Wyk, *Aloe* 43(4): 75-76, ill., 2007. Typus: *van Jaarsveld* 17633 (NBG). [Dated Dec. 2006, received at ZSS May 2007.]

LAMIACEAE

Aeollanthus haumanniorum van Jaarsveld, *Aloe* 43(4): 72-73, ill., 2007. Typus: *van Jaarsveld & Swanepoel* 19423 (WIND). [Sphalm. 'haumannii', but named for father and son Haumann according to the protologue. Dated Dec. 2006, received at ZSS May 2007.]

NOLANACEAE

Nolana sphaerophylla (Philippi) Mesa ex M. O. Dillon, *Darwiniana* 45(2): 239, 2007. Basionym: *Alona sphaerophylla*.

PASSIFLORACEAE

Adenia kigogoensis Hearn, *Brittonia* 59(4): 309-311, ill., 2007. Typus: *Hearn & Kayombo* 24-11-28 (ARIZ, NHT).

Adenia litoralis Hearn, *Brittonia* 59(4): 311-313, ill., 2007. Typus: *Hearn* MAD-31 (ARIZ, NY, TAN).

Adenia mcdadiana Hearn, *Brittonia* 59(4): 315-317, ill., 2007. Typus: *Hearn* MAD-29 (ARIZ, TAN).

Adenia metamorpha Hearn, *Brittonia* 59(4): 313-315, ill., 2007. Typus: *Hearn* MAD-25 (ARIZ, MO, TAN).

Adenia stylosa (H. Perrier) Hearn, *Brittonia* 59(4): 317, ill. (p. 318), 2007. Basionym: *Adenia epigea* var. *stylosa*.

PIPERACEAE

Peperomia cuchumatana Véliz, *Cact.-Avent. Int. No.* 73: 2-5, ill., 2007. Typus: *Véliz & Hernandez* 6071 (BIGU, AGUAT, EAP, F, K, MEXU, MO, NY, US).

Peperomia linaresii Véliz, *Cact.-Avent. Int. No.* 73: 10-12, ill., 2007. Typus: *Véliz & Linares* 15357 (BIGU, EAP, MEXU, MO, NY).

Peperomia moralesii Véliz, *Cact.-Avent. Int. No.* 73: 6-9, ill., 2007. Typus: *Véliz & Véliz* 4935 (BIGU, AGUAT, MEXU).

PORTULACACEAE

Ceraria kaokoensis Swanepoel, *Bothalia* 37(2): 202-203, ill., 2007. Typus: *Swanepoel* 224 (WIND, PRE).

Cistanthe cachinalensis (Philippi) Peralta & D. I. Ford, *Darwiniana* 45(2): 239-240, 2007. Basionym: *Calandrinia cachinalensis*.

Cistanthe chrysantha (I. M. Johnston) Peralta & D. I. Ford, *Darwiniana* 45(2): 240, 2007. Basionym: *Calandrinia chrysantha*.

Cistanthe lamprosperma (I. M. Johnston) Peralta & D. I. Ford, *Darwiniana* 45(2): 240, 2007. Basionym: *Calandrinia lamprosperma*.

Cistanthe laxiflora (Philippi) D. I. Ford ex Peralta & D. I. Ford, *Darwiniana* 45(2): 240, 2007. Basionym: *Calandrinia laxiflora*. [First published invalidly (Art. 33.4, cf. RPS 45) by D. I. Ford, *Cact. Succ. J. (US)* 64(2): 59, 1994.]

Cistanthe thyrsoides (Reiche) Peralta & D. I. Ford, *Darwiniana* 45(2): 240, 2007. Basionym: *Calandrinia thyrsoides*.

Montia angustifolia Heenan, *New Zealand J. Bot.* 45(2): 438, 2007. Typus: *Mitchell* s.n. in *CHR* 198855 (CHR). [*Nom. nov. pro Neopaxia linearifolia* Heenan 1999 (*non Montia linearifolia* d'Urville 1826).]

Montia campylostigma (Heenan) Heenan, *New Zealand J. Bot.* 45(2): 438, 2007. Basionym: *Neopaxia campylostigma*.

Montia drucei (Heenan) Heenan, *New Zealand J. Bot.* 45(2): 438, 2007. Basionym: *Neopaxia drucei*.

Montia erythrophylla (Heenan) Heenan, *New Zealand J. Bot.* 45(2): 438, 2007. Basionym: *Neopaxia erythrophylla*.

Portulaca africana (Danin & H. G. Baker) Danin, *Lagascalia* 26: 76, 2006. Basionym: *Portulaca oleracea* ssp. *africana*.

- Portulaca canariensis** Danin & Reyes-Betancort, Lagasalia 26: 77, ills., 2006. Typus: *Cruz Trujillo* 39.452 (TFC, HUIJ).
- Portulaca impolita** (Danin & H. G. Baker) Danin, Lagasalia 26: 76, 2006. Basionym: *Portulaca oleracea* ssp. *impolita*.
- Portulaca nicaraguensis** (Danin & H. G. Baker) Danin, Lagasalia 26: 73, 2006. Basionym: *Portulaca oleracea* ssp. *nicaraguensis*.
- Portulaca stellata** (Danin & H. G. Baker) Ricceri & Arrigoni, Parlatores 4: 93, 2000. Basionym: *Portulaca oleracea* ssp. *stellata*. [Erroneously repeated by Danin, Lagasalia 26: 76, 2006, and previously omitted.]
- Portulaca tuberculata* (Danin & H. G. Baker) Danin, Lagasalia 26: 76, 2006. *Nom. illeg.* (Art. 53.1), based on *Portulaca oleracea* ssp. *tuberculata*. [Non *Portulaca tuberculata* León 1950.]

VITACEAE

- Cyphostemma ankaranense** Descoings, J. Bot. Soc. Bot. France 39: 17-19, ills., 2007. Typus: *Malcomber & al.* 1863 (P, MO).
- Cyphostemma caerulans** Descoings, J. Bot. Soc. Bot. France 39: 19-21, ills., 2007. Typus: *Bardot-Vaucoulon* 398 (P).

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Wragg, P. D.: → Styles, D.
Zanovello, C.: → Donati, D.
Zizumbo-Villarreal, D.: → Colunga-García Marín, P.