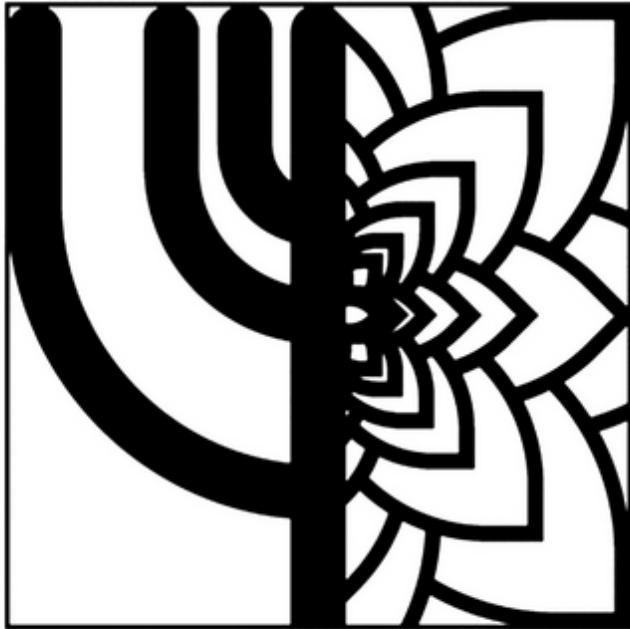


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International Organization
for Succulent Plant Study

Organización Internacional
para el Estudio de
Plantas Suculentas

Organisation Internationale
de Recherche sur les
Plantes Succulentes

Internationale Organisation
für Sukkulenten-Forschung

IOS

**Repertorium
Plantarum
Succulentarum
LXIX (2018)**

A short history of *Repertorium Plantarum Succulentarum*

The first issue of *Repertorium Plantarum Succulentarum* (RPS) was produced in 1951 by Michael Roan (1909–2003), one of the founder members of the International Organization for Succulent Plant Study (IOS) in 1950. It listed the ‘majority of the new names [of succulent plants] published the previous year’. The first issue, edited by Roan himself with the help of A. J. A. Uitewaal (1899–1963), was published for IOS by the National Cactus & Succulent Society, and the next four (with Gordon Rowley as Associate and later Joint Editor) by Roan’s newly formed British Section of the IOS. For issues 5–12, Gordon Rowley became the sole editor. Issue 6 was published by IOS with assistance by the Acclimatisation Garden Pinya de Rosa, Costa Brava, Spain, owned by Fernando Riviere de Caralt (1904–1992), another founder member of IOS.

In 1957, an arrangement for closer cooperation with the International Association of Plant Taxonomy (IAPT) was reached, and RPS issues 7–22 were published in their *Regnum Vegetabile* series with the financial support of the International Union of Biological Sciences (IUBS), of which IOS remains a member to this day. Issues 23–25 were published by Abbey Garden Press of Pasadena, California, USA, after which IOS finally resumed full responsibility as publisher with issue 26 (for 1975).

Gordon Rowley retired as editor after the publication of issue 32 (for 1981) along with Len E. Newton, who had assisted him with issues 13 onwards. Starting with issue 33, RPS was compiled and edited by Urs Eggli and Nigel Taylor, who enhanced it by adding data on nomenclatural types and enlarging the ‘Bibliographia’ section, first introduced in issue 20 (for 1969). After issue 45 (for 1994), Nigel Taylor handed over as co-editor to his wife Daniela Zappi, who assisted with issues 46–59. Reto Nyffeler joined the editorial team for issues 55–65.

Starting in 1986, a nomenclatural and bibliographical database was created at the Zürich Succulent Plant Collection to compile the individual issues. Over the years all earlier issues were added to this database, making it possible to produce the ‘IOS Index of Names of Cactaceae published 1950–1990’. This was published by the Royal Botanic Gardens Kew in 1991, and followed by an equivalent list for the ‘other succulents’ in 1994.

After 60 issues conventionally printed, *Repertorium Plantarum Succulentarum* has been made available in digital form in pdf format (‘portable document format’) from issue 61 onwards, as an ‘open access’ publication, accessible over the internet.

Repertorium Plantarum Succulentarum LXIX (2018)

*Index nominum novarum plantarum succulentarum anno MMXVIII
editorum nec non bibliographia taxonomica ab U. Eggli 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 at ZSS and Z or received by the compilers). Also included is information supplied to the compilers direct.
- Validly published names are given in **bold face** type (except for epithets of new cultivars), accompanied, in the case of newly described taxa, 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 isotypes are said to be deposited (first acronym for holotype), according to the Index Herbariorum database. 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 listed. For invalid, illegitimate or incorrect names, the articles of the ICBN/ICN or ICNCP which have been contravened are indicated in brackets. For names before 2012, the articles cited are those of the ICBN (Vienna Code, 2006), while the ICN (Melbourne Code, 2012) is used for newer names.
- 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 names of one or few new taxa are usually not repeated in the bibliographic section.
- Starting with RPS 61, abbreviations for periodicals are those suggested in Bibliographia Periodicorum Huntianum Ed. 2 (BPH2), or are constructed according to BPH2 guidelines for other periodicals. For some titles where BPH2 has incomplete data, the abbreviations suggested in the ‘Bibliography of Succulent Plant Periodicals’ (U. Egli in Friciana 60: 1-139, 1998 (‘1995’)) are used.

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Compilers' Preface

Back to normal! – this would be an apt description for the size of the present edition of RPS, covering the new names and literature for the year 2018. After the record-beating RPS 68 with 966 new names, we are back to more or less average numbers of new names, with 382 names being just slightly above the year-long average of 343 names.

As in the preceding years, a timely compilation of RPS could once again not be achieved – the flood of new literature has not diminished at all, as the number of literature references (478) covered in this issue shows. In total, the ZSS database has no less than 925 references for 2018, of which those that contain information of relevance (although sometimes minuscule and/or of limited application) for the taxonomy and/or phylogeny of succulent plant taxa are listed here.

As in earlier years, the IPNI team at Kew is acknowledged for sharing their expertise and for discussing nomenclaturally ambiguous cases. The compilation of this RPS has again benefitted from the important volunteer work of Reiner Mailänder, Zürich, who continued his meticulous scanning of numerous "general" biological journals. Most of the bibliographical details have been assembled by Seraina Nuotclà, science assistant at the Zürich Succulent Plant Collection. I am grateful for all this diligent work.

Corrections to previous volumes

- For *Aloe lukeana* (RPS 66), the type information is incorrect; the type collection is *Cole* 1501, and the specimen has been deposited at MHU.

NOMINA NOVA

AGAVACEAE

- Agave cremnophila** G. D. Starr & al., Cact. Succ. J. (Los Angeles) 90(1): 40-42, ills., 2018. Typus: *Starr* 2017-013 (ARIZ, MEXU, MO).
- Agave maria-patriciae** Cházaro & Arzaba, Phytotaxa 360(3): 263-268, ills., 2018. Typus: *Arzaba & al.* 451 (XAL, CHAPA, MEXU).
- Agave sanpedroensis** W. C. Hodgson & Salywon, Syst. Bot. 43(3): 735-738, ills., 2018. Typus: *Hodgson & Salywon* 29603 (DES [3 sheets], NY, US).
- Manfreda santanamichelii** Art. Castro & Aarón Rodríguez, Syst. Bot. 43(2): 497-501, ills., 2018. Typus: *Carrillo-Reyes & Tinoco-Villa* 8160 (IBUG, CIIDIR, MEXU). [*Sphalm.* 'santana-michelii'.]
- Polianthes venustuliflora** E. Solano & al., Acta Bot. Mex. 126: e1441: 2-6, ills., 2018. Typus: *Solano & Ríos Gómez* 1793 (MEXU, CHAPA, FEZA, IEB, MO, UAMIZ). [Name first mentioned (*nom. inval.*, ICBN Art. 36.1, 37.1) by E. Solano & Castillejos, Biodivers. & Conservation 16: 1888, 2007 (cf. RPS 58).]

AIZOACEAE

- Aizoon plinthoides** Klak, Phytotaxa 364(3): 299, 2018. Typus: *Smith* 5286 (PRE). [*Nom. nov. pro Plinthus karoocicus* I. Verdoorn 1941 (*non Aizoon karoocicus* Compton 1931).]
- Cheiridopsis angustifolia** ssp. **protoparcoides** (S. A. Hammer) R. F. Powell, Phytotaxa 336(3): 299, 2018. Basionym: *Odontophorus angustifolius* ssp. *protoparcoides*.
- Cheiridopsis spiculata** R. F. Powell, Phytotaxa 336(3): 299, 2018. Lectotypus: *Meyer* s.n. in *Marloth* 6974 (BOL [lecto]) [Lectotype designated for the replaced synonym by H. E. K. Hartmann, Bot. Jahrb. Syst. 97: 218, 1976.]. [*Nom. nov. pro Odontophorus marlothii* N. E. Brown (1927) (*non Cheiridopsis*

marlothii N. E. Brown 1926).]

- Delosperma** subgen. **Proterogyna** H. E. K. Hartmann, Ill. Handb. Succ. Pl. Aizoaceae ed. 2, 1: 399, 2017. Typus: *Mesembryanthemum schimperi* Engler. Omitted previously..
- Delosperma heidihartmanniae** L. E. Newton & Liede, Haseltonia 25: 106-107, ills., 2018. Typus: *Newton* 3198 (EA, K, UBT).
- Delosperma melepoense** L. E. Newton & Liede, Haseltonia 25: 108-109, ills., 2018. Typus: *Grant* s.n. in *Newton* 6097 (EA).
- Drosanthesis bella** Klak, S. African J. Bot. 116: 78, ills. (p. 68), 2018. Typus: *Klak* 2309 (BOL, K).
- Drosanthesis diversifolia** (L. Bolus) Klak, S. African J. Bot. 116: 77, 2018. Basionym: *Drosanthesis diversifolium*.
- Drosanthesis kwaganapensis** Klak, S. African J. Bot. 116: 78, ills. (p. 68), 2018. Typus: *Klak* 2379 (BOL, NBG).
- Drosanthesis decumbens** (L. Bolus) van Jaarsveld, Haseltonia 24: 3, ills. (pp. 2-6), 2018. Basionym: *Delosperma expersum* var. *decumbens*. [Basionym species epithet *sphalm.* 'expersum'.]
- Sesuvium portulacastrum** ssp. **persoonii** Sukhorukov, PhytoKeys 92: 73, ills. (p. 74), 2018. Typus: *Sukhorukov* 59 (MW, BR, G, K).

APIACEAE

- Eryngium crassifolium** A. Padin & C. I. Calviño, Syst. Bot. 43(2): 628-631, ills., 2018. Typus: *Padin* 205 (SI, CONC, BCRU, CONC).

APOCYNACEAE

- Adenium obesum** var. **crispum** (Chiovenda) Capacci, Pianta Grasse 38(1: Suppl.): 33, 2018. *Nom. inval.* (ICN Art. 41.5), based on *Adenium somalense* var. *crispum*. [Ascribed to "E. M. Endress".]

- Brachystelma ananthapuramense** Prasad & al., Kew Bull. 73(1): 16: 1-4, ills., 2018. Typus: *Swamy & Prasad* 44922 (CAL, SKU).
- Brachystelma vemanae** A. M. Reddy & al., Nordic J. Bot. 36(10): e02067: 2-4, ills., 2018. Typus: *Madhusudhana Reddy* 5071 (CAL, BSID, Yogi Vemana Univ.).
- Ceropegia banforae** (Lebrun & Stork) Bruyns, Phytotaxa 364(2): 130, 2018. Basionym: *Brachystelma simplex* ssp. *banforae*.
- Ceropegia boonjarasii** Kidyoo, Phytotaxa 385(1): 31-32, ills. (pp. 33-34), 2018. Typus: *Kidyoo* 1567 (BKF, BCU).
- Ceropegia capensis** Bruyns, Phytotaxa 375(3): 214-215, ills. (pp. 215, 218), 2018. Typus: *Bruyns* 13117 (BOL).
- Ceropegia cyperifolia** Bruyns, Phytotaxa 364(2): 116, ills., 2018. Typus: *Bruyns* 8642 (BOL, E, MO).
- Ceropegia elliptica** (A. Richard) Bruyns, S. African J. Bot. 116: 141, 2018. Basionym: *Brachystelma ellipticum*.
- Ceropegia emdenpienaarii** Bruyns, Phytotaxa 375(3): 216, ills. (pp. 216, 218), 2018. Typus: *Bruyns* 7016 (BOL, MO).
- Ceropegia foetidiflora** Kidyoo, Taiwania 63(4): 327-330, ills., 2018. Typus: *Kidyoo* 1557 (BKF, BCU).
- Ceropegia gracilidens** Bruyns, Phytotaxa 364(2): 113-114, ills., 2018. Typus: *Bruyns* 8567 (BOL, MO).
- Ceropegia meloformis** (Marloth) Bruyns, S. African J. Bot. 116: 140, 2018. Basionym: *Trichocaulon meloforme*.
- Ceropegia mizoramensis** Ram. Kumar & S. Sharma, Taiwania 63(2): 164, ills. (p. 165), 2018. Typus: *Kumar & Sharma* 131485 (ASSAM, CAL).
- Ceropegia murlensis** Ram. Kumar & S. Sharma, Taiwania 63(2): 166, ills. (p. 167), 2018. Typus: *Kumar & Sharma* 131486 (ASSAM, CAL).
- Ceropegia perangusta** Bruyns, S. African J. Bot. 116: 140, 2018. Lectotypus: *Copley* s.n. in *Bally* S26 (K [lecto], ZSS) [Lectotype selected (for the replaced synonym) by Bruyns in *Bradleya* 6: 15, 1988.]. [*Nom. nov. pro Echidnopsis angustiloba* E. A. Bruce & P. R. O. Bally 1941 (*non Ceropegia angustiloba* De Wildeman 1903). First illegitimately renamed *Ceropegia angustilobulata* Bruyns l.c. 112: 417, 2017 (*non Ceropegia angustilobulata* Bruyns 2017: 426).]
- Ceropegia portae-aurinae** (Dinter & A. Berger) Bruyns, S. African J. Bot. 116: 140, 2018. Basionym: *Stapelia portae-aurinae*.
- Ceropegia reflexa** Hanáček, Haseltonia 24: 51-52, ills. (pp. 52-54), 2018. Typus: *Hanáček* 1278 (HTU, BRNM).
- Ceropegia rehmannii** (Schlechter) Bruyns, S. African J. Bot. 116: 141, 2018. Basionym: *Brachystelma rehmannii*.
- Ceropegia tubata** Bruyns, S. African J. Bot. 116: 140, 2018. Typus: *Williams* s.n. in *Bally* 8008 (K [†?], ZSS) [Type of the replaced synonym not traced at K by Meve, pers. comm. Dec. 2012.]. [*Nom. nov. pro Echidnopsis urceolata* P. R. O. Bally 1963 (*non Ceropegia urceolata* (L. C. Leach) Bruyns 2017).]
- Ceropegia tundavalensis** Bruyns, Phytotaxa 375(3): 217-218, ills., 2018. Typus: *Harrower* 4413 (BOL).
- Ceropegia waterbergensis** (Peckover) Bruyns, S. African J. Bot. 116: 141, 2018. Basionym: *Brachystelma waterbergensis*.
- Dischidia thaithongiae** Kidyoo, Nordic J. Bot. 36(11): e02058: 2-3, ills., 2018. Typus: *Kidyoo* 1624 (BKF, BCU).
- Hoya corneri** Rodda & S. Rahayu, Phytotaxa 383(3): 256, ills. (pp. 253-255), 2018. Typus: *Corner* s.n. (SING).
- Hoya deleoniorum** Cabactulan & al., Avonia 36(3): 149, ills. (pp. 144-148), 2018. Typus: *De Leon* 101/2016 (CMUH 00010866) [Correct herbarium acronym and accession number according to the erratum on p. lvi.].
- Hoya fauziana** ssp. *angulata* Rodda & al., Blumea 63: 144, ills. (pp. 145-146), 2018. Typus: *Gokusing* 56/2017 (SAN).
- Hoya garciae** Kloppenburg, Hoya New 8(2): 35, ills. (pp. 35-37), 2018. Typus: *Barbon & al.* s.n. (PNH 5733). [Sphalm. 'garciai'.]
- Hoya indaysarae** M. N. Medina & al., Hoya New 7(3): 2-3, ills. (pp. 3-9), 2018. Typus: *Villanueva* s.n. (CMUH 10955). [Sphalm. 'indaysarahae'.]
- Hoya meliflua** ssp. *breviora* Kloppenburg, Hoya New 8(2): 43, ills. (pp. 43-46), 2018. Based on *Merrill* 9385. *Nom. illeg.* (Art. 52.1). [The type number "holotypus 9385 (PNH)" is also given as holotype of *H. meliflua* ssp. *breviora* Kloppenburg 2018, as well as for *H. taytayensis* Kloppenburg & Siar 2013.]

- Hoya meliflua** ssp. **taytayensis** Kloppenburg, Hoya New 8(1): 3, ill. (pp. 3-6), 2018. Typus: *Merrill* 9385 (PNH, A, BO, BS, L, US). [The type number "holotypus 9385 (PNH)" is also given as holotype of *H. meliflua* ssp. *breviora* Kloppenburg 2018.]
- Hoya mindorensis** ssp. **philippinensis** Kloppenburg, Hoya New 8(2): 7, ill. (pp. 7-8), 2018. Typus: *Anonymus* s.n. (CAHUP 61933).
- Hoya odorata** ssp. **miquilingensis** Kloppenburg, Hoya New 8(4): 7, ill. (pp. 7-8), 2018. Typus: *Harriail* s.n. (CAHUP 19258).
- Hoya phluangensis** Kidyoo, Taiwania 63(1): 26, ill. (pp. 27-29), 2018. Typus: *Kidyoo* 1014 (BKF, BCU).
- Hoya pseudobicolensis** Kloppenburg, Hoya New 8(2): 10, ill. (pp. 10-12), 2018. Typus: *Blass Hernaez* s.n. (CAHUP 5294).
- Hoya pulchra** Aurigue & Cabactulan, Ann. Bot. Fenn. 56(1-3): 50, ill. (pp. 51-52), 2018. Typus: *De Leon* MDL-BK02 (PNH).
- Hoya spencei** Kloppenburg, Hoya New 8(1): 7, ill. (pp. 7-12), 2018. Typus: *Spence* 541 (US). [Sphalm. 'spencii'.]
- Hoya taywanisensis** Kloppenburg & al., Hoya New 8(4): 3, ill. (pp. 3-6), 2018. Typus: *Mendoza & al.* 204 (PUH 14685).
- Stenostelma eustegioides** (E. Meyer) Bester & Nicholas, Phytotaxa 361(1): 43, 2018. Basionym: *Lagarinthus eustegioides*.
- Stenostelma ligulatum** Bester & Nicholas, Phytotaxa 361(1): 44-48, ill., 2018. Typus: *Bester* 8159 (PRE, E, K, MO, NH, NU).
- Stenostelma periglossoides** (Schlechter) Bester & Nicholas, Phytotaxa 361(1): 44, 2018. Basionym: *Schizoglossum periglossoides*.
- Stenostelma urceolatum** Bester & Nicholas, Phytotaxa 361(1): 49-53, ill., 2018. Typus: *Bester* 6541 (PRE, K, MO, NH).
- Suberogerens** Morillo, Pittieria 39: 249, 2015. Typus: *Vincetoxicum cyclophyllum* Standley. [Omitted previously.]
- Suberogerens cyclophylla** (Standley) Morillo, Pittieria 39: 250, ill. (pp. 250-253), 2015. Basionym: *Vincetoxicum cyclophyllum*. [Omitted previously.]

ASPHODELACEAE

- Aloe sergoitensis** L. E. Newton, Haseltonia 25: 125-127, ill., 2018. Typus: *Kruger* s.n. (EA).
- Aloe uncinata** L. E. Newton & Wabuye, CactusWorld 36(3): 185-187, ill., 2018. Typus: *Powys* 1411 (EA, K).
- Aloe viridiana** Gideon F. Smith & Figueiredo, Bradleya 36: 216, ill. (pp. 213, 215), 2018. Typus: *Anonymus* s.n. (K [lecto]) [Lectotype designated (for the replaced synonym) by G. F. Smith & Figueiredo, Bradleya 36: 216, 2018.]. [*Nom. nov. pro Aloe greenii* Baker 1880 (*nom. illeg.*, ICN Art. 53.1; *non Aloe greenii* Green ex Robinson 1875).]
- Aloe zombitsiensis** ssp. **pallida** (Rauh & Mangelsdorff) L. E. Newton & Egli, Bradleya 36: 177, ill., 2018. Basionym: *Aloe prostrata* ssp. *pallida*.
- Aloe zygorabaiensis** L. E. Newton & Wabuye, CactusWorld 36(3): 187, ill. (pp. 186-188), 2018. Typus: *Powys* s.n. in *Newton* 6284 (EA, K).
- Astroloba** Sect. **Inflata** Molteno & Gideon F. Smith, Haseltonia 25: 77, 2018. Typus: *Astroloba herrei* Uitewaal.
- Astroloba** Sect. **Intercedens** Molteno & Gideon F. Smith, Haseltonia 25: 75-76, 2018. Typus: *Astroloba corrugata* N. L. Meyer & Gideon F. Smith.
- Astroloba** Sect. **Vastora** Molteno & Gideon F. Smith, Haseltonia 25: 79, 2018. Typus: *Aloe foliolosa* Haworth.
- Astroloba* subgen. *Poellnitzia* (Uitewaal) Molteno & Gideon F. Smith, Haseltonia 25: 80, 2018. Incorrect name (ICN Art. 11.4). [The name *Poellnitzia* has priority over *Astroloba* at generic level, and the correctness of the subgeneric name depends on the outcome of a conservation proposal by G. F. Smith & al., Taxon 67: 206, 2018.]
- Astroloba spirella** (Haworth) Molteno & Gideon F. Smith, Haseltonia 25: 76, ill., 2018. Basionym: *Haworthia spirella*.
- ×**Gasterhaworthia** 'Battenkoel' Fischel, Alsterworthia Int. 18(1): 3-5, ill., 2018. [= *Gasteria batesiana* (male) × *Haworthia koelmanniorum*.]
- ×**Gonimara** Gideon F. Smith & Molteno, Bradleya 36: 54, 2018. [= *Gonialoe* × *Kumara*.]

- ×**Gonimara corderoyi** (A. Berger) Gideon F. Smith & Molteno, *Bradleya* 36: 54, 2018. Basionym: *Aloe* ×*corderoyi*.
- Haworthia angiras** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-250 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 13, fig. 3 (p. 14), 2005.]
- Haworthia cangoensis** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 05-37 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 13, fig. 2 (p. 14), 2005.]
- Haworthia ciliata** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-387 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11, fig. 4 (p. 9), 2005.]
- Haworthia dura** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 04-20 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11, fig. 2 (p. 9), 2005.]
- Haworthia erii* M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Based on *Hayashi* 03-219. *Nom. inval.* (ICN Art. 36.2). [First published invalidly (holotype herbarium not indicated, ICN Art. 40.7, cf. RPS 57) by M. Hayashi, *Haworthia* Study 14: 11, fig. 5 (p. 9), 2005. The attempt to validate the name by Breuer, *Alsterworthia* Int. 17(2): 9, 2017, failed since the name is simultaneously also accepted at varietal rank under *H. rooibergensis*.]
- Haworthia ernstii** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 04-060 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11, fig. 6 (p. 10), 2005.]
- Haworthia ianthina** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-199 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 12, fig. 12, 2005.]
- Haworthia incrassa** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 04-102 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 12, fig. 11, 2005.]
- Haworthia joubertii** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-300 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 16, ill., 2005.]
- Haworthia kogmanensis** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 05-217 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 14, fig. 5 (p. 15), 2005.]
- Haworthia laxa** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-005 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 14, fig. 6 (p. 15), 2005.]
- Haworthia lazulis** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 02-24 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11, fig. 8 (p. 10), 2005.]
- Haworthia limbata** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 04-108 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 16, ill., 2005.]
- Haworthia luri** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-448 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11-12, fig. 9 (p. 10), 2005.]
- Haworthia montana** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-004 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 14, fig. 7 (p. 15), 2005.]
- Haworthia odyssei** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 05-1 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 13-14, fig. 4, 2005.]
- Haworthia pellucida** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-279 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 12, fig. 10, 2005.]
- Haworthia rava** M. Hayashi ex Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-156 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 11, fig. 3 (p. 9), 2005.]
- Haworthia rooibergensis* var. *erii* (M. Hayashi) Breuer, *Alsterworthia* Int. 18(2): 31, 2018. *Nom. inval.*, based on *Haworthia erii*, *nom. inval.* (ICN Art. 36.2). [Combination first attempted in l.c. 16(2): 6, 2016, and repeated l.c. 17(2): 9, 2017, together with attempts to validate the name at species rank.]

Haworthia royalis M. Hayashi *ex* Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 03-256 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 13, fig. 1 (p. 14), 2005.]

Haworthia vitris M. Hayashi *ex* Breuer, *Alsterworthia* Int. 18(2): 31, 2018. Typus: *Hayashi* 02-011 (TI). [First published invalidly (ICN Art. 40.7) in *Haworthia* Study 14: 16, ill., 2005.]

Tulista minor (Aiton) Gideon F. Smith & Molteno, *Phytotaxa* 346(2): 201, 2018. Basionym: *Aloe margaritifera* var. *minor*.

ASTERACEAE

Senecio crassiandinus Montesinos & Pino, *Phytotaxa* 347(3): 214-216, ill., 2018. Typus: *Montesinos* 4812 (HSP, B, F, HOXA, HUT, USM).

CACTACEAE

×**Aporgera** M. H. J. van der Meer, *Cact. Phantast.* 1: 2, 2018. [= *Aporocactus* × *Schlumbergera*.]

×**Aporodisocactus freiburgensis** (Weingart) M. H. J. van der Meer, *Cact. Phantast.* 1: 2, 2018. Basionym: *Cereus freiburgensis*.

×**Aporodisocactus krookii** (Krelage) M. H. J. van der Meer, *Cact. Phantast.* 1: 2, 2018. Basionym: *Cereus krookii*.

×**Aporodisocactus mallisonii** (Otto & A. Dietrich) M. H. J. van der Meer, *Cact. Phantast.* 1: 2, ill. (p. 8), 2018. Basionym: *Cereus mallisonii*.

Arrojadoa hoevenii Neirinck, *Cact. Explorer* 22: 10, figs. 8, 10, 2018. *Nom. inval.* (ICN Art. 36.1b). [Published as provisional name.]

Austrocactus aonikenkensis E. Sarnes & N. Sarnes, *CactusWorld* 36(2): 133, ill. (pp. 132-136), 2018. Typus: *Correa* & *Nicora* 3572 (BAB).

Aylosteria condorensis (Donald) V. Gapon, *Kakt. Klub* 2018(2): 9, ill. (pp. 8-9), 2018. Basionym: *Rebutia heliosa* var. *condorensis*.

Cephalocereus laui (P. V. Heath) D. R. Hunt, *Cactaceae Syst. Init.* 40: 2, 2018. Basionym: *Carnegiea laui*.

Cereus subgen. **Arecesocereus** Wisnev, *Cact. Succ. J.* (Los Angeles) 90(3): 223, 2018. Typus: *Cereus haitiensis* Franck & Peguaro 2017.

Cereus subgen. **Neohaiti** %**cereus** Areces, *Cact. Succ. J.* (Los Angeles) 90(2): 113, 2018. Typus: *Cereus serruliflorus* Haworth 1830. The application of this name depends on the conflicting typification of the type species – the prioritable second-step lectotypification by Franck & al. (*Phytoneuron* 2017-29: 1-17, 2017) makes the type species a synonym of *Harrisia divaricata*, while the later second-step lectotypification by Areces (l.c.) makes the type species a species of *Cereus* subgen. *Arecesocereus* Wisnev 2018.

Chamaecereus luisramirezii Lodé & F. Carlier, *Cact.-Avent. Int.* 30(2): 3-4, ill. (pp. 2-5), 2018. Typus: *Ramirez* s.n. (MGC).

Copiapoa algarrobensis Kattermann, *Cact. Succ. J.* (Los Angeles) 90(2): 103, ill., 2018. Typus: *Kattermann* 530 (DES [2 sheets]). [First published invalidly l.c. 84(2): 69-75, ill., 2012 (the purported holotype specimen at SGO was an illustration, which is contrary to ICN Art. 40.2, 40.4).]

Copiapoa laui ssp. *adriannae* Kattermann, *Cact. Succ. J.* (Los Angeles) 90(4): 293-294, ill., 2018. *Nom. inval.* (ICN Art. 36.1b). [Published as provisional name.]

Cylindropuntia bernardina (Engelmann) M. A. Baker & al., *Haseltonia* 25: 13, 2018. Basionym: *Opuntia bernardina*.

Cylindropuntia imbricata var. *rosea* (De Candolle) M. A. Baker, *Haseltonia* 25: 13, 2018. *Nom. inval.* (ICN Art. 41.5), based on *Opuntia rosea*.

Cylindropuntia imbricata var. **spinosior** (Engelmann) M. A. Baker & al., *Haseltonia* 25: 13, 2018. Basionym: *Opuntia whipplei* var. *spinosior*.

Cylindropuntia leptocaulis fa. **longispina** (Engelmann) Guiggi, *Kakt. and. Sukk.* 69(5): 157, 2018. Basionym: *Opuntia frutescens* var. *longispina*.

Deamia montalvoae Cerén & al., *Phytotaxa* 369(4): 253-254, ill. (pp. 255-257), 2018. Typus: *Menjívar* & al. 3219 (MHES, MEXU).

- ×**Dialis** M. H. J. van der Meer, *Cact. Phantast.* 1: 2, 2018. [= *Disocactus* × *Rhipsalis*.]
- ×**Differa** M. H. J. van der Meer, *Cact. Phantast.* 1: 2-3, 2018. [= *Disocactus* × *Pfeiffera*.]
- ×**Dilectus** M. H. J. van der Meer, *Cact. Phantast.* 1: 3, 2018. [= *Disocactus* × *Selenicereus* × *Aporocactus*.]
- ×**Dinocereus** M. H. J. van der Meer, *Cact. Phantast.* 1: 3, 2018. [= *Disocactus* × *Echinocereus*.]
- ×**Diphlocereus** M. H. J. van der Meer, *Cact. Phantast.* 1: 3, 2018. [= *Disocactus* × *Cephalocereus*.]
- ×**Diphlocereus impossibilis** (P. V. Heath) M. H. J. van der Meer, *Cact. Phantast.* 1: 3, 2018. *Nom. inval.*, based on ×*Cephalocereus impossibilis*, *nom. inval.* (ICN Art. 40.1?). [Validity of the basionym in dispute.]
- ×**Diselvia** M. H. J. van der Meer, *Cact. Phantast.* 1: 3, 2018. [= *Disocactus* × *Selenicereus* × *Lobivia*.]
- ×**Disivia** M. H. J. van der Meer, *Cact. Phantast.* 1: 4, 2018. [= *Disocactus* × *Lobivia*.]
- Disocactus** ×**amaranthinus** (Regel) M. H. J. van der Meer, *Cact. Phantast.* 1: 4, ill. (p. 9), 2018. Basionym: *Phyllocactus crenatus* var. *amaranthinus*.
- Disocactus** ×**charltonii** (Masters) M. H. J. van der Meer, *Cact. Phantast.* 1: 4, ill. (p. 10), 2018. Basionym: *Phyllocactus charltonii*.
- Disocactus** ×**coopermannii** (Worsley) M. H. J. van der Meer, *Cact. Phantast.* 1: 4, 2018. Basionym: *Phyllocactus* ×*coopermannii*.
- Disocactus** ×**hansii** (Baumann) M. H. J. van der Meer, *Cact. Phantast.* 1: 5, 2018. Basionym: *Cereus* ×*hansii*.
- Disocactus** ×**jenkinsonii** (McIntosh) M. H. J. van der Meer, *Cact. Phantast.* 1: 5, ill. (p. 11), 2018. Basionym: *Cactus* ×*jenkinsonii*.
- Disocactus** ×**splendens** (Regel) M. H. J. van der Meer, *Cact. Phantast.* 1: 5, ill. (p. 12), 2018. Basionym: *Phyllocactus crenatus* var. *splendens*.
- ×**Disoquipa** M. H. J. van der Meer, *Cact. Phantast.* 1: 5, 2018. [= *Disocactus* × *Arequipa*.]
- ×**Disoselenicereus fulgidus** fa. **neubertii** (Doweld) M. H. J. van der Meer, *Cact. Phantast.* 1: 5, 2018. Basionym: ×*Seleliocereus Neubertii*.
- ×**Disoselenicereus nothus** (Siedhof) M. H. J. van der Meer, *Cact. Phantast.* 1: 5, ill. (p. 14), 2018. Basionym: *Cereus nothus*.
- ×**Disoselenicereus wrayae** (hort. ex Worsley) M. H. J. van der Meer, *Cact. Phantast.* 1: 6, ill. (p. 15), 2018. Basionym: *Cereus* ×*wrayae*.
- ×**Disuntia** M. H. J. van der Meer, *Cact. Phantast.* 1: 6, 2018. [= *Disocactus* × *Opuntia*.]
- Echinocereus arizonicus** ssp. **oldachiorum** W. Blum & P. B. Breslin, *Echinocereenfreund* 31(Sonderausgabe): 371, ill. (pp. 370, 374, 381-393), 2018. Typus: *Breslin* s.n. (ASU 300553).
- Echinopsis krahn-juckeri** (Diers) M. Lowry, *Cact. Explorer* 22: 32, ill. (pp. 28-31), 2018. Basionym: *Lobivia krahn-juckeri*.
- Echinopsis minutiflora** (Rausch) M. Lowry, *Cactaceae Syst. Init.* 39: 6, 2018. Basionym: *Lobivia chrysochete* var. *minutiflora*.
- Echinopsis torrefluminensis** M. Lowry, *Cact. Explorer* 22: 32, ill. (pp. 28, 31), 2018. Typus: *Jucker* 1208 (LPB, WU). [*Nom. nov. pro Lobivia krahn-juckeri* ssp. *echinopsoides* Diers & Jucker 2017.]
- ×**Epivia** M. H. J. van der Meer, *Cact. Phantast.* 1: 6, 2018. [= *Epiphyllum* × *Lobivia*.]
- Eriogyne vallenarensis** (F. Ritter) F. Kattermann, *Cact. Succ. J. (Los Angeles)* 90(2): 141, ill., 2019. Basionym: *Neoporteria vallenarensis*.
- Eriogyne wagenknechtii** (F. Ritter) F. Kattermann, *Cact. Succ. J. (Los Angeles)* 90(2): 139, ill., 2019. Basionym: *Neoporteria wagenknechtii*.
- Frailea erythracantha** R. Pontes & al., *Phytotaxa* 369(3): 212, ill. (pp. 213-215), 2018. Typus: *Pontes & al.* 1800 (HDCF, HDCF, ICN).
- Grusonia bulbispina** ssp. **basileocephala** (D. Donati) Majure & al., *Haseltonia* 25: 16, 2018. Basionym: *Corynopuntia bulbispina* ssp. *basileocephala*.
- Grusonia deinacantha** (D. Donati) Majure & al., *Haseltonia* 25: 16, 2018. Basionym: *Corynopuntia deinacantha*.
- Grusonia halophila** (D. Donati) Majure & al., *Haseltonia* 25: 16, 2018. Basionym: *Corynopuntia halophila*. [The reference to the basionym name is spurious but appears to refer to an unpaginated digital pre-publication version, which is permissible under ICN 2018 Art. 41, Note 2 and Art. 30, Note 1. Contrary to this interpretation, IPNI (accessed May 2020) treats the name as invalid un-

- der ICN Art. 41.5.]
- Gymnocalycium cabreraense** Schädlich & al., *Schütziana* 9(2): 8, ills. (pp. 6-14), 2018. Typus: *Melojer* 2010-13 (WU 4039). [Published in concurrent English, German, Russian and Japanese editions.]
- Gymnocalycium carminanthum** Borth & Koop ex Papsch, *Schütziana* 9(3): 11, 2018. Typus: *Borth* 130 (GJO). [Published in concurrent English, German, Russian and Japanese editions. First published invalidly (ICN Art. 8.4) by Borth & Koop, *Kakt. and. Sukk.* 27(4): 73-76, ills., 1976, and erroneously treated as valid in RPS 27 and other sources, but the holotype was explicitly stated to be in the living collection of the Botanical Garden Linz (contrary to the statement in IPNI, accessed Sept. 2019), and must therefore have been a living plant, and the existence of original material at ZSS is of no significance in view of the above (Papsch, *Schütziana* 9(3): 10, 2018).]
- Gymnocalycium friedrichii** ssp. **tumaemul-ticostatium** Milt, *Cactaceae etc.* 28(1): 8-9, ills., 2018. Typus: *Schädlich* 03-064 (OLM B171.826).
- Gymnocalycium lamudanaense** Chvastek & Milt, *Cactaceae etc.* 28(4): 127-128, ills. (pp. 125-128), 2018. Typus: *Chvastek* 1089 (OLM B172237).
- Gymnocalycium** ×**momo** V. Gapon & Schelkunova, *Kakt. Klub* 2018(1): 71-72, ills. (pp. 73-75), 2018. Typus: *Gapon* 11-1159a/5075 (WU). [= *Gymnocalycium monvillei* × *G. mostii*. The nothospecies epithet is contrary to ICN Rec. H10A.1 but acceptable as true epithet under H10.2. Simultaneously also published in *Gymnocalycium* 31(3): 1286-1289, ills., 2018.]
- Gymnocalycium ourselianum** (Monville) Papsch, *Schütziana* 9(1): 7, 2018. Basionym: *Echinocactus ourselianus*. [First published invalidly (ICBN Art. 33.4, 34.1c) by Y. Ito, *Cacti*, 87, 1952 (and treated as invalid under Art. 41.3b by Metzinger & al., *Allionia* 33: 215, 1996).]
- Gymnocalycium sanluisense** Neuhuber, *Kakt. Klub* 2018(2): 15, ills. (pp. 11-16), 2018. Typus: *Neuhuber* 11-1564/4737 (CORD, WU).
- Gymnocalycium sutterianum** ssp. **tetraploideum** Repka, *Gymnocalycium* 31(1): 1263-1270, ills., 2018. Typus: *Repka* 798 (Herb. Jard. Bot. Fac. Ci. Forest. Univ. Nac. Santiago del Estero).
- ×**Heliara** M. H. J. van der Meer, *Cact. Phantast.* 1: 6, 2018. [= *Aporocactus* × *Disocactus* × *Epiphyllum* × *Selenicereus*.]
- Homalocephala parryi** (Engelmann) Vargas-Luna & Bárcenas, *PhytoKeys* 111: 49, 2018. Basionym: *Echinocactus parryi*.
- Homalocephala polycephala** (Engelmann & J. M. Bigelow) Vargas-Luna & Bárcenas, *PhytoKeys* 111: 49, 2018. Basionym: *Echinocactus polycephalus*.
- Homalocephala polycephala** ssp. **xeranthemoides** (J. M. Coulter) Vargas-Luna & Bárcenas, *PhytoKeys* 111: 49, 2018. Basionym: *Echinocactus polycephalus* var. *xeranthemoides*.
- Horridocactus kunzei* (C. F. Förster) Matuszewski, *Cact. Explorer* 22: 17, ill., 2018. *Nom. inval.* (Art. 36.1a, 41.5), based on *Echinocactus kunzei*.
- Leptocereus assurgens** var. **albellus** Areces, *Cact. Succ. J. (Los Angeles)* 90(4): 260-262, ills., 2018. Typus: *Areces* 6343 (HAJB, NY).
- Leptocereus chrysotyrus** Areces, *Cact. Succ. J. (Los Angeles)* 90(4): 263-265, ills., 2018. Typus: *Areces* 4547 (HAJB, NY).
- Lobivia jajoana** ssp. **caspalasensis** (Rausch) V. Gapon & Schelkunova, *Kakt. Klub* 2018(1): 13, ills., 2018. Basionym: *Lobivia jajoana* var. *caspalasensis*.
- Lobivia jajoana** ssp. **nidularis** (Rausch) V. Gapon & Schelkunova, *Kakt. Klub* 2018(1): 14, 2018. Basionym: *Lobivia jajoana* var. *nidularis*.
- Lobivia jajoana** ssp. **pungens** (Rausch) V. Gapon & Schelkunova, *Kakt. Klub* 2018(1): 14, ill., 2018. Basionym: *Lobivia jajoana* var. *pungens*.
- Melocactus curvispinus* ssp. *loboguerreroi* (Cárdenas) Vích, *Kaktusy (Brno)* 54(1): 33, ills., 2018. *Nom. inval.* (ICN Art. 41.5), based on *Melocactus loboguerreroi*. [Name casually mentioned in text and captions.]
- ×**Opuntara** M. H. J. van der Meer, *Cact. Phantast.* 1: 6, 2018. [= *Disocactus* × *Opuntia* × *Selenicereus*.]
- Opuntia preciadae** Scheinvar & al., *Bradleya* 36: 25, 29, ills. (pp. 26-31), 2018. Typus: *Preciado & Olalde* LS 8176 (MEXU, CHAPA, ARIZ).

- Parodia ibicuiensis** (Prestlé) Anceschi & Magli, *Bradleya* 36: 105, figs. 31-32 (p. 104), 2018. Basionym: *Notocactus ibicuiensis*.
- Parodia pocopocensis** Diers & Jucker, *Succulenta (Netherlands)* 97(2): 68, ill. (pp. 67-77), 2018. Typus: *Jucker 1269 (LPB, WU)*.
- Parodia spinibarbis** (F. Ritter) D. R. Hunt, *Cactaceae Syst. Init.* 40: 2, 2018. Basionym: *Notocactus spinibarbis*.
- ×**Selenara** M. H. J. van der Meer, *Cact. Phantast.* 1: 6-7, 2018. [= *Disocactus* × *Echinopsis* × *Epiphyllum* × *Selenicereus*.]
- ×**Selenbergera** M. H. J. van der Meer, *Cact. Phantast.* 1: 7, 2018. [= *Selenicereus* × *Schlumbergera*.]
- Selenicereus alliodorus** (Gómez-Hinostrosa & H. M. Hernández) S. Arias & N. Korotkova, *Cactaceae Syst. Init.* 39: 4, 2018. Basionym: *Weberocereus alliodorus*. [First published invalidly (ICN Art. 41.5) in *Phytotaxa* 327(1): 24, 2017 (cf. RPS 68).]
- Selenicereus glaber** (Eichlam) S. Arias & N. Korotkova, *Cactaceae Syst. Init.* 39: 4, 2018. Basionym: *Cereus glaber*. [First published invalidly (ICN Art. 41.5) in *Phytotaxa* 327(1): 25, 2017 (cf. RPS 68).]
- Selenicereus pteranthus** nfa. **kewensis** (Worsley) M. H. J. van der Meer, *Cact. Phantast.* 1: 7, 2018. Basionym: *Cereus* × *kewensis*. [Given as "f. ×kewensis", but to be treated as nothoforma (ICN Art. 3.2).]
- Selenicereus purpusii** (Weingart) S. Arias & N. Korotkova, *Cactaceae Syst. Init.* 39: 4, 2018. Basionym: *Cereus purpusii*. [First published invalidly (ICN Art. 41.5) in *Phytotaxa* 327(1): 28, 2017 (cf. RPS 68).]
- Selenicereus tonduzii** (F. A. C. Weber) S. Arias & N. Korotkova, *Cactaceae Syst. Init.* 39: 4, 2018. Basionym: *Cereus tonduzii*. [First published invalidly (ICN Art. 41.5) in *Phytotaxa* 327(1): 29, 2017 (cf. RPS 68).]
- ×**Seleniporocactus albus** (Uilkens) M. H. J. van der Meer, *Cact. Phantast.* 1: 7, 2018. Basionym: *Cereus grandiflorus* var. *albus*.
- ×**Selivia** M. H. J. van der Meer, *Cact. Phantast.* 1: 7, 2018. [= *Selenicereus* × *Lobivia*.]
- Serrulatocereus** Guiggi, *Cactology* 5 (Suppl. VI): 1, 2018. Typus: *Cereus serruliflorus* Haworth.
- Serrulatocereus serruliflorus** (Haworth) Guiggi, *Cactology* 5 (Suppl. VI): 1, 2018. Basionym: *Cereus serruliflorus*.
- Stenocereus huastecorum** Alvarado-Sizzo & al., *PLoS One* 13(1): e0190385: 13, ill. (pp. 14-16), 2018. Typus: *Alvarado-Sizzo & al.* 350 (MEXU, MEXU).
- Strophocactus brasiliensis** (Britton & Rose) S. Arias & N. Korotkova, *Cactaceae Syst. Init.* 39: 4, 2018. Basionym: *Acanthocereus brasiliensis*. [First published invalidly (ICN Art. 41.5) in *Phytotaxa* 327(1): 33, 2017 (cf. RPS 68).]
- Tacinga saxatilis** ssp. **minutispina** (P. J. Braun & Esteves) P. J. Braun & Esteves, *Kakt. and. Sukk.* 69(4): 106, ill., 2018. Basionym: *Opuntia saxatilis* var. *minutispina*.
- Tacinga saxatilis** ssp. **occibahiensis** (P. J. Braun & Esteves) P. J. Braun & Esteves, *Kakt. and. Sukk.* 69(4): 106, ill. (p. 107-108), 2018. Basionym: *Opuntia saxatilis* var. *occibahiensis*.
- Tacinga saxatilis** ssp. **pomosa** (P. J. Braun & Esteves) P. J. Braun & Esteves, *Kakt. and. Sukk.* 69(4): 106, ill. (p. 105), 2018. Basionym: *Opuntia saxatilis* var. *pomosa*.
- Thelocactus tepelmensis** T. J. Davis & al., *Phytotaxa* 361(1): 116, ill. (pp. 117-119), 2018. Typus: *Hernández & al.* 4128 (MEXU, DES, MEXU).
- Weingartia insignis** Diers & Jucker, *Gymnocalycium* 31(4): 1292-1293, ill. (pp. 1292-1299), 2018. Typus: *Jucker 1199 (LPB, WU)*.
- Weingartia westii** var. **bicoloriflorens** Diers & K. Augustin, *Gymnocalycium* 31(2): 1274, ill. (pp. 1273-1281), 2018. Typus: *Augustin 373 (LPB, WU)*.
- Wigginsia maldonadensis** (Herter) Deubelbeiss, *Internoto* 39(4): 110, 112, 2018. Basionym: *Echinocactus maldonadensis*.

COMMELINACEAE

- Callisia glandulosa** (Seubert) Christenhusz & Byng, *Global Fl., GLOVAP Nomencl. Part 1, Vol. 4*, 67, 2018. Basionym: *Tradescantia glandulosa*.
- Callisia ionantha** (Diels) Christenhusz & Byng, *Global Fl., GLOVAP Nomencl. Part 1, Vol. 4*, 67, 2018. Basionym: *Tradescantia ionantha*.

- Callisia tripogandra** Christenhusz & Byng, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 67, 2018. Typus: *Swartz* s.n. (B?, M). [*Nom. nov. pro Tradescantia multiflora Swartz 1788 (non Callisia multiflora (M. Martens & Galeotti) Standley).*]
- Cyanotis kewoides* Christenhusz & Byng, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 68, 2018. Based on *Anonymus* s.n.. *Nom. illeg.* (ICN Art. 52.1). [*Nom. nov. pro Belosynapsis kewensis Hasskarl 1871, allegedly non Cyanotis kewensis C. B. Clarke 1881, but the Clarke name is explicitly based on the Hasskarl name.*]
- CRASSULACEAE**
- Crassula anso-lerouxiae** van Jaarsveld, *Bradleya* 36: 236-237, ills. (pp. 234, 236), 2018. Typus: *van Jaarsveld & Visser* 19894 (NBG).
- Echeveria cerrateana** Pino & Kamm, *Quepo* 32: 38-43, ills. (incl. pp. 46-47), 2018. Typus: *Cerrate* 73 (USM, US).
- Echeveria chichlensis** var. **cantaensis** Pino & Vilcapoma, *Cact. Succ. J. (Los Angeles)* 90(3): 179-182, ills., 2018. Typus: *Vilcapoma* 4722 (MOL).
- Echeveria deltoidea** Pino & Vilcapoma, *Cact. Succ. J. (Los Angeles)* 90(3): 168-172, ills., 2018. Typus: *Vilcapoma & Flores* 735 (MOL, USM).
- Echeveria fruticosa** Pino, *Cact. Succ. J. (Los Angeles)* 90(3): 174-178, ills., 2018. Typus: *Pino* 1700 (USM).
- Graptopetalum luteum* J. Meyrán, *Int. Cact.-Advent.* 2017(1): 38-40, ills., 2017. Based on *Meyrán* 5782. *Nom. inval.* (ICN Art. 33.1, 40.7). [Erratum *l.c.* 30(1): 63, 2018 (holotype deposited at MEXU), but without page reference to the original publication, so the validation of the name fails as it was invalid under ICN Art. 40.6 & 40.7 in 2017 (cf. RPS 68).]
- ×**Graptoveria** ‘Fantome’ Aubé *ex* Gideon F. Smith & Bischofberger, *Bradleya* 36: 48, ills. (pp. 43, 46, 49-50), 2018. [= *Graptopetalum* sp. (likely *P. paraguayense*) × *Echeveria* sp. (possibly *E. elegans*).]
- ×**Hasseleya** J. M. H. Shaw, *Newslett. Sedum Soc.* 126: 97, 2018. [= *Hasseanthus* × *Dudleya*.]
- Hylotelephium maximowiczii** (V. V. Byalt) J. M. H. Shaw, *Newslett. Sedum Soc.* 124: 27, 2018. Basionym: *Orostachys maximowiczii. Jovibarba hirta* var. *preissiana* (Domin) J. Jezek, *Avonia* 36(4): 220-223, 2018. *Nom. inval.* (ICN Art. 41.5), based on *Sempervivum preissianum*.
- Kalanchoe** subgen. **Kitchingia** (Baker) Gideon F. Smith & Figueiredo, *Bradleya* 36: 169, 2018. Basionym: *Kitchingia*.
- Kalanchoe crouchii** Gideon F. Smith & Figueiredo, *Haseltonia* 25: 87-88, ills. (pp. 86-89), 2018. Typus: *Crouch* 1290 (BNRH).
- Pachyphytum confusum** Pérez-Calix, *Acta Bot. Mex.* 125: 232-234, ills., 2018. Typus: *Pérez-Calix & Guadián* 6749 (IEB, CIMI, MEXU).
- Pachyphytum rogeliocardenasii** Pérez-Calix & R. Torres, *Phytotaxa* 348(1): 57, ills. (pp. 58-59, 61), 2018. Typus: *Pérez* 6616 (IEB, MEXU, QMEX).
- Rosularia viguieri** (Hamet) G. Sarwar *ex* J. M. H. Shaw, *Newslett. Sedum Soc.* 126: 102, 2018. Basionym: *Sedum adenotrichum* var. *viguieri*. [First published invalidly (ICN Art. 41.5, but incorrectly shown as valid in RPS 53) by G. Sarwar, *Fl. Pakistan* no. 209: 51, 2002.]
- Sedum creticum** ssp. **cyrenaicum** (Brullo) & Furnari *Afferni*, *Bull. Soc. Tosc. Ort.* 2015(2): 6, 2015. Basionym: *Sedum cyrenaicum*. [Omitted previously. The basionym reference was to the whole paper where the name was published (which would invalidate the combination under ICN Art. 41, Ex. 12), but since *Afferni* cited the holotype and gave an English description, the combination is validly published under ICN Art. 41.8(d) (cf. IPNI, accessed Jan. 2020).]
- Sedum flavidum** (Denton) B. L. Wilson & Zika, *Phytotaxa* 368(1): 29, ills. (p. 30), 2018. Basionym: *Sedum laxum* ssp. *flavidum*.
- Sedum marmoreense** Otting & R. E. Brainerd, *Phytotaxa* 368(1): 36-38, ills., 2018. Typus: *Brainerd & Otting* 2180 (OSC, GH, NY, RSA, UC, WTU).

- Sedum paradisum** (Denton) Denton *ex* B. L. Wilson, *Phytotaxa* 368(1): 47, ill. (p. 48), 2018. Basionym: *Sedum obtusatum* ssp. *paradisum*. [First published invalidly (ICN 2012, Art. 41.5) in Hickman, *Jepson Man. California*, 534, and repeated in l.c., ed. 2, 675, 2012.]
- Sedum paradisum** ssp. *subroseum* B. L. Wilson & Zika, *Phytotaxa* 368(1): 48-51, ill., 2018. Typus: *Zika & al.* 25721 (WTU, CAS, CHSC, OSC, UC).
- Sedum patens** Zika, *Phytotaxa* 368(1): 51-52, ill. (pp. 49, 51), 2018. Typus: *Zika* 27047 (WTU, CAS, GH, MO, NY, OSC, RSA, UC).
- Sedum peltatum** M. L. Chen & X. H. Cao, *Bangladesh J. Bot.* 46(3): 847-848, ill. (pp. 848-849), 2017. Typus: *Chen* 20150516007 (ANUB, ANUB, PE). [Omitted previously.]
- Sedum rubiginosum** Zika & B. L. Wilson, *Phytotaxa* 368(1): 53-54, ill. (pp. 37, 54), 2018. Typus: *Zika & Nelson* 25522 (WTU, CAS, OSC).
- Sempervivum verereginae-amaliae** Raus, *Willdenowia* 48(2): 204, 2018. Lectotypus: *Guicciardi* in *Heldreich Fl. Graeca Exs.* 2982 (WU 81444 [lecto]) [Lectotype designated by Raus, *Willdenowia* 48: 204, 2018.]. [Nom. nov. pro *Sempervivum reginae-amaliae* Baker 1888 (*non* Baker 1877).]
- EUPHORBIACEAE**
- Euphorbia arida** ssp. *camdeboensis* Bruyns, *Haseltonia* 25: 31, ill. (p. 32), 2018. Typus: *James* s.n. in *NBG* 615/37 (BOL).
- Euphorbia belagaviensis** Sarojinidevi & Raja Kullayiswamy, *Euphorbia World* 14(1): 24-26, ill. (pp. 25-29), 2018. Typus: *Sarojini-devi & Raja Kullayiswamy* FAP 31448 (BSID, JCB, MH, SKU).
- Euphorbia denisiana** var. *ankarensis* (Boiteau) Houyelle, *Euphorbia World* 14(1): 12, ill. (pp. 11-12), 2018. Basionym: *Euphorbia ankarensis*.
- Euphorbia denisiana** var. *maromokotrensis* (Rebmann) Houyelle, *Euphorbia World* 14(1): 13, 2018. Basionym: *Euphorbia maromokotrensis*.
- Euphorbia ephedroides** ssp. *gamsbergensis* Bruyns, *Haseltonia* 25: 47, ill. (p. 48), 2018. Typus: *Bruyns* 13516 (BOL, E).
- Euphorbia ephedroides** ssp. *imminuta* (L. C. Leach & G. Williamson) Bruyns, *Haseltonia* 25: 47, 2018. Basionym: *Euphorbia ephedroides* var. *imminuta*.
- Euphorbia ferox** ssp. *calitzdorpensis* Bruyns, *Haseltonia* 25: 38-39, ill., 2018. Typus: *Dyer* 4056 (PRE, K).
- Euphorbia friedrichiae** ssp. *pofadderensis* Bruyns, *Haseltonia* 25: 32-33, ill., 2018. Typus: *Bruyns* 11366 (BOL).
- Euphorbia gigantea** J.-P. Castillon, *Adansonia*, sér. 3, 40(2): 164, ill. (pp. 165, 167), 2018. Typus: *Castillon* 64 (TAN).
- Euphorbia lydenburgensis** var. *minor* Bruyns, *Haseltonia* 25: 55, ill. (p. 56), 2018. Typus: *Jacobsen* 3530 (PRE).
- Euphorbia multiceps** ssp. *tanquana* Bruyns, *Haseltonia* 25: 34, ill. (p. 35-36), 2018. Typus: *Acocks* 18990 (PRE, K).
- Euphorbia neoelliotii** J.-P. Castillon & J.-B. Castillon, *Candollea* 73(1): 23, ill. (p. 22), 2018. Typus: *Castillon* 60 (TAN, G).
- Euphorbia otavibergensis** Bruyns, *Haseltonia* 25: 50-51, ill., 2018. Typus: *De Winter* 3678a (PRE, K).
- Euphorbia patula** ssp. *anacantha* (Aiton) Bruyns, *Haseltonia* 25: 45, fig. 21f (p. 44), 2018. Basionym: *Euphorbia anacantha*.
- Euphorbia patula** ssp. *brucebayeri* Bruyns, *Haseltonia* 25: 46, ill. (pp. 44-45), 2018. Typus: *Bruyns* 4732 (BOL, NBG).
- Euphorbia patula** ssp. *wilmaniae* (Marloth) Bruyns, *Haseltonia* 25: 45, fig. 21g (p. 44), 2018. Basionym: *Euphorbia wilmaniae*.
- Euphorbia pseudoglobosa** ssp. *vlokii* Bruyns, *Haseltonia* 25: 40-41, ill., 2018. Typus: *Bruyns* 12582 (BOL).
- Euphorbia pseudoglobosa** var. *dysselsdorpen-sis* D. H. Schnabel & al., *Euphorbia World* 14(2): 14, ill. (pp. 14-15), 2018. Typus: *Schnabel* 0016 (NBG).
- Euphorbia pseudoglobosa** var. *juglans* (Compton) D. H. Schnabel & al., *Euphorbia World* 14(2): 13, ill. (pp. 8-10), 2018. Basionym: *Euphorbia juglans*.
- Euphorbia pseudoglobosa** var. *oshoekensis* D. H. Schnabel & al., *Euphorbia World* 14(2): 17, ill. (pp. 16-18), 2018. Typus: *Schnabel* 0017 (NBG).

Euphorbia subsalsa ssp. **otzenii** Bruyns, *Haseltonia* 25: 52-53, ills., 2018. Typus: *Bruyns* 5551 (WIND, BOL, K).

Euphorbia tetragularis Hurbath & Cordeiro, *Syst. Biodivers.* 16(7): 660-662, ills., 2018. Typus: *Hurbath & Cordeiro* 844 (SP, ALCB, BHCB, NMNH, RB, SPF).

Euphorbia valeryae J.-P. Castillon, *Adansonia*, sér. 3, 40(2): 166, 168, ills. (p. 169), 2018. Typus: *Castillon* 65 (TAN).

Euphorbia willowmorensis Bruyns, *Haseltonia* 25: 34-37, ills., 2018. Typus: *Smith* 2801 (PRE).

GERANIACEAE

Pelargonium obnatum R. T. F. Clifton, *Geraniaceae Assoc. Notes* 4: 5-7, ills., 2018. Typus: *Esterhuysen* 22851-A (K, BOL?, NBG?) [The isotype cited in the protologue has a different collection date than the holotype and thus appears to be merely a paratype.].

GESNERIACEAE

Alsobia baroniae L. E. Skog & Barrie, *Novon* 26(1): 2, ills. (pp. 3-4), 2018. Typus: *Brewer* 5176 (US, F, MO).

Streptocarpus peltatus Randrianasolo & al., *Novon* 26(1): 23-25, ills., 2018. Typus: *Razanatsima & al.* 1378 (MO, MO, P, TAN).

LAMIACEAE

Capitanopsis brevilabra (Hedge) Mwanyambo & al., *Bot. J. Linn. Soc.* 188: 369, 2018. Basionym: *Dauphinea brevilabra*.

Capitanopsis oreophila (Guillaumin) Mwanyambo & al., *Bot. J. Linn. Soc.* 188: 369, 2018. Basionym: *Perrierastrum oreophilum*.

Equilabium Mwanyambo & al., *Bot. J. Linn. Soc.* 188: 367, 2018. Typus: *Plectranthus laxiflorus* Benth.

Equilabium laxiflorum (Benth.) Mwanyambo & al., *Bot. J. Linn. Soc.* 188: 367, 2018. Basionym: *Plectranthus laxiflorus*.

Plectranthus altanmouiensis T. C. Wilson & al., *Telopea* 21: 84-85, ills. (pp. 86-87), 2018. Typus: *Wilson & Renner* 610 (NSW, BRI).

Plectranthus amiculatus T. C. Wilson & al., *Telopea* 21: 81, ills. (pp. 80, 82-83), 2018. Typus: *Wilson & Renner* 595 (NSW, BRI).

Plectranthus laxus T. C. Wilson & P. I. Forster, *Austral. Syst. Bot.* 31(6): 440, ills. (pp. 435-436, 441), 2018. Typus: *Forster & McDonald* 45043 (BRI, NSW).

MELASTOMATACEAE

Gravesia parvula Almeda & Ranarivelo, *Candollea* 73(3): 2-4, ills., 2018. Typus: *Raza-fimandimbison & al.* 1517 (CAS, S, TAN).

Miconia amorimii (Reginato & R. Goldenberg) R. Goldenberg, *Brittonia* 71(1): 86, 2018. Basionym: *Pleiochiton amorimii*. [E-published Oct. 2018, print version March 2019.]

Miconia blepharodes (De Candolle) R. Goldenberg, *Brittonia* 71(1): 88, 2018. Basionym: *Clidemia blepharodes*. [E-published Oct. 2018, print version March 2019.]

Miconia ebracteata (Triana) R. Goldenberg, *Brittonia* 71(1): 94, 2018. Basionym: *Pleiochiton ebracteatum*. [E-published Oct. 2018, print version March 2019.]

Miconia longipetiolata (Brade) R. Goldenberg, *Brittonia* 71(1): 103, 2018. Basionym: *Pleiochiton longipetiolatum*. [E-published Oct. 2018, print version March 2019.]

Miconia parasitica (O. Berg ex Triana) R. Goldenberg, *Brittonia* 71(1): 108, 2018. Basionym: *Clidemia parasitica*. [E-published Oct. 2018, print version March 2019.]

Miconia pleiocrassifolia R. Goldenberg, *Brittonia* 71(1): 109, 2018. Typus: *Wilkes* s.n. (H, K, US). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton crassifolium* Naudin ex A. Gray 1854 (*non Miconia crassifolia* Triana 1871).]

Miconia pleioglazioviana R. Goldenberg, Brittonia 71(1): 109, 2018. Lectotypus: *Glaziou* 2998 (BR [lecto], C, P) [Lectotype designated (for the replaced synonym) by Reginato & al., *Rodriguésia* 61: 116, 2010.]. [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton glaziovianum* Cogniaux 1888 (non *Miconia glazioviana* Cogniaux 1887).]

Miconia pleiomagdalenensis R. Goldenberg, Brittonia 71(1): 109, 2018. Typus: *Brade & Lima* 13211 (RB). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton magdalenense* Brade 1945 (non *Miconia magdalenensis* (Brade) R. Goldenberg 2018).]

Miconia pleiomicrantha R. Goldenberg, Brittonia 71(1): 109, 2018. Typus: *Glaziou* 16947a (BR, P). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton micranthum* Cogniaux 1891 (non *Miconia micrantha* Cogniaux 1896).]

Miconia pleioparvifolia R. Goldenberg, Brittonia 71(1): 109, 2018. Typus: *Glaziou* 16947 (BR, K, P, R). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton parvifolium* Cogniaux 1891 (non *Miconia parvifolia* Cogniaux 1891).]

Miconia pleiorosea R. Goldenberg, Brittonia 71(1): 109, 2018. Typus: *de Moura* s.n. (BR). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton roseum* Cogniaux 1891 (non *Miconia rosea* Gleason 1941).]

Miconia pleiosetulosa R. Goldenberg, Brittonia 71(1): 109, 2018. Typus: *Glaziou* 589 (BR, C, P, R). [E-published Oct. 2018, print version March 2019. *Nom. nov. pro Pleiochiton setulosum* Cogniaux 1888 (non *Miconia setulosa* Cogniaux 1891).]

MONTIACEAE

Calandrinia lefroyensis Obbens, Nuytsia 29: 198, ill. (pp. 199-200), 2018. Typus: *Obbens & Reid* 9/05 (PERTH, CANB, MEL).

Calandrinia quartzitica Obbens, Nuytsia 29: 194, ill. (pp. 195-196), 2018. Typus: *Obbens & al.* 18/13 (PERTH, AD, CANB,

MEL).

Calandrinia wilsonii Obbens, Nuytsia 29: 201, ill. (p. 202), 2018. Typus: *Obbens* 42/02 (PERTH, CANB, MEL).

Cistanthe philhershkovitziana Hershkovitz, Phytologia 100(4): 209-210, ill. (pp. 219-221), 2018. Typus: *Hershkovitz* 18-01 (F, P).

Claytonia crawfordiorum Stoughton, Amer. J. Bot. 105(3): 546, ill., 2018. Typus: *Stoughton & Jolles* 2172 (PSH, CAS, JEPS, NY, RSA, US). [Sphalm. 'crawfordii', but named after Larry & Suzanne Crawford.]

PIPERACEAE

Peperomia castilloi Vergara-Rodríguez & Jimeno-Sevilla, Phytotaxa 369(2): 94-95, ill. (pp. 94, 96), 2018. Typus: *Jimeno-Sevilla & al.* 1471 (MEXU, BR, G, IBUG, IEB, MO, XAL, ZON).

Peperomia zongolicana Jimeno-Sevilla & Vergara-Rodríguez, Phytotaxa 369(2): 102-103, ill. (pp. 102-103), 2018. Typus: *Jimeno-Sevilla & al.* 1700 (MEXU, BR, G, IEB, IBUG, K, MO, XAL, ZON).

PORTULACACEAE

Portulaca badamica S. R. Yadav & Dalavi, Phytotaxa 376(1): 69-71, ill., 2018. Typus: *Yadav & al.* JVD-1250 (CAL, BSI, K, SUK).

Portulaca juliomartinezii Ocampo, Phytotaxa 347(1): 90-91, ill., 2018. Typus: *Ocampo & al.* 1960 (HUAA, IEB, MEXU).

Portulaca lakshminarasimhaniana S. R. Yadav & Dalavi, Phytotaxa 376(1): 72-75, ill., 2018. Typus: *Yadav & al.* JDV-1251 (CAL, BSI, K, SUK).

RUSCACEAE

- Dracaena aethiopica** (Thunberg) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 64, 2018. Basionym: *Sansevieria aethiopica*.
- Dracaena angolensis** (Welwitsch ex Carrière) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 64, 2018. Basionym: *Sansevieria angolensis*. [The authors state that the replaced synonym is *Sansevieria cylindrica* Bojer ex Hooker 1859, non *Dracaena cylindrica* Hooker fil., but the combination is actually made for *Sansevieria angolensis* Welwitsch ex Carrière 1861.]
- Dracaena arborescens** (Cornu ex Gérôme & Labroy) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 64, 2018. Basionym: *Sansevieria arborescens*.
- Dracaena ascendens** (L. E. Newton) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 64, 2018. Basionym: *Sansevieria ascendens*.
- Dracaena aubrytiana** (Carrière) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 64–65, 2018. Basionym: *Sansevieria aubrytiana*.
- Dracaena bacularis** (Pfennig ex A. Butler & Jankalski) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria bacularis*.
- Dracaena bagamoyensis** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria bagamoyensis*.
- Dracaena ballyi** (L. E. Newton) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria ballyi*.
- Dracaena bella** (L. E. Newton) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria bella*.
- Dracaena bhitalae** (R. H. Webb & L. E. Newton) Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Basionym: *Sansevieria bhitalae*.
- Dracaena bugandana** Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Typus: *Forrest* 303 (MHU). [Nom. nov. pro *Sansevieria lineata* T. G. Forrest 2013 (non *Dracaena lineata* hort. ex Baker 1875).]
- Dracaena bukedea** Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Typus: *Forrest* 1506 (MHU). [Nom. nov. pro *Sansevieria rosulata* T. G. Forrest 2017 (non *Dracaena rosulata* Mwachala & Fischer 2013).]
- Dracaena burdettii** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria burdettii*.
- Dracaena burmanica** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria burmanica*.
- Dracaena canaliculata** (Carrière) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria canaliculata*.
- Dracaena caulescens** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria caulescens*.
- Dracaena chahinianii** (R. H. Webb & Myklebust) Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Basionym: *Sansevieria chahinianii*.
- Dracaena conspicua** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria conspicua*.
- Dracaena dawei** (Stapf) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria dawei*.
- Dracaena dhofarica** (T. A. McCoy & Lavranos) Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Basionym: *Sansevieria dhofarica*.
- Dracaena dooneri** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria dooneri*.
- Dracaena downsii** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria downsii*.
- Dracaena dumetescens** (L. E. Newton) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria dumetescens*.
- Dracaena ebracteata** (Cavanilles) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym:

- Salmia ebracteata*.
- Dracaena eilensis** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria eilensis*.
- Dracaena erythraeae** (Mattei) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria erythraeae*.
- Dracaena fasciata** (Cornu ex Gérôme & Labroy) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria fasciata*.
- Dracaena forskaoliana** (Schultes & Schultes fil.) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Smilacina forskaoliana*.
- Dracaena francisii** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria francisii*.
- Dracaena frequens** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria frequens*.
- Dracaena gracillima** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria gracillima*.
- Dracaena haemanthoides** Bos ex Damen, Blumea 63: 37-38, ill. (pp. 38-39), 2018. Typus: *Veldhuizen* 982 ex *Leeuwenberg* 10334 (WAG [2 sheets + spirit specimen]) [3 parts of the holotype specifically cited in the protologue].
- Dracaena hallii** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria hallii*.
- Dracaena hargeisana** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria hargeisana*.
- Dracaena humiflora** (D. J. Richards) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria humiflora*.
- Dracaena xitumei** (Mbugua) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria aethiopica* ssp. *itumei*. [*Sphalm*. 'itumea'.]
- Dracaena laevifolia** (R. H. Webb & L. E. Newton) Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Basionym: *Sansevieria laevifolia*.
- Dracaena lavranii** (R. H. Webb & Myklebust) Takawira-Nyenya & Mucina, Phytotaxa 376: 270, 2018. Basionym: *Sansevieria lavranii*.
- Dracaena liberica** (Gérôme & Labroy) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria liberica*.
- Dracaena longiflora** (Sims) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria longiflora*.
- Dracaena longiflora** var. **fernandopoensis** (N. E. Brown) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria longiflora* var. *fernandopoensis*.
- Dracaena longistyla** (la Croix) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria longistyla*.
- Dracaena lunatifolia** (L. E. Newton) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Basionym: *Sansevieria lunatifolia*.
- Dracaena malawiana** Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 65, 2018. Typus: *Burdett* s.n. in *Chahinian* 319 (K, MO). [*Nom. nov. pro Sansevieria formosa* Chahinian 2012 (*non Dracaena formosa* hort. ex Baker 1875).]
- Dracaena masoniana** (Chahinian) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 66, 2018. Basionym: *Sansevieria masoniana*.
- Dracaena newtoniana** (T. G. Forrest) Byng & Christenhusz, Global Fl., GLOVAP Nomencl. Part 1, Vol. 4, 66, 2018. Basionym: *Sansevieria newtoniana*.
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