



**Repertorium  
Plantarum  
Succulentarum  
XXXIII**



# Repertorium Plantarum Succulentarum XXXIII

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

International Organization for Succulent Plant Study

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## INTRODUCTION

This issue of *Repertorium Plantarum Succulentarum* includes some important changes. First, on behalf of the I.O.S., we wish to thank Mr G.D. Rowley for his many years of valued work in compiling this periodical since 1951. We are also grateful for his continuing help and guidance, and for allowing access to his unrivalled library.

In RPS 33 we have begun the citation of holotypes, lectotypes and neotypes where this information has been associated with the new names listed. Basionyms are now cited without bibliographical references, as the checking of these for accuracy has proved too time-consuming. However, where there is reason to doubt the validity of the basionym the reference has been checked. Additional synonymy is also omitted. Numbers given in brackets after the statement '*nom. inval., nom. illegit.*' etc., refer to Articles of the *International Code of Botanical Nomenclature* (1983) which have been transgressed. Such improper names are given in *italic* type. It should be noted that the compilers do not accept any name that might inadvertently be validated in RPS.

The Bibliographia section has been considerably enlarged and is now fairly comprehensive in the field of succulent plant taxonomy. Scanning of the specialist literature has been supplemented by reference to the *Current awareness list* produced at the Royal Botanic Gardens, Kew. Nevertheless, there may still be omissions and we would be grateful if these could be drawn to our attention. In some cases, especially when the content of a paper is not clear from its title, we have added a few key words in square brackets after the entry.

We trust these changes will make RPS more useful for members of I.O.S. and its other users.

## VORWORT

Die vorliegende Ausgabe des *Repertorium Plantarum Succulentarum* weist gegenüber früheren Heften einige Änderungen auf. Zuerst möchten wir aber in Namen der IOS Herrn G.D. Rowley für seine langjährigen Bemühungen bei der Zusammenstellung dieser Hefte seit 1951 danken. Wir sind ihm dankbar für seine fortgesetzte Anleitung und Hilfe, sowie für die Erlaubnis zur Benutzung seiner unvergleichlichen Bibliothek.

Mit der vorliegenden Ausgabe haben wir begonnen, Holotypen, Lectotypen und Neotypen zu zitieren, wenn diese Informationen im Zusammenhang mit neuen Namen veröffentlicht worden sind. Basionyme werden nun ohne bibliographische Angaben zitiert, da das Überprüfen dieser Angaben zu zeitaufwendig geworden ist. Falls jedoch Zweifel an der Gültigkeit des Basionyms bestehen, wird das Zitat weiterhin überprüft. Im weiteren wird ab dieser Ausgabe des RPS auf die Angabe der weiteren Synonyme verzichtet. Die nach den Abkürzungen '*nom. inval., nom. illegit.*' etc. in Klammern angegebenen Nummern entsprechen denjenigen Artikeln des *Internationalen Codes der Botanischen Nomenklatur* (1983), die verletzt worden sind. Derartige Namen sind zusätzlich durch *Kursivschrift* hervorgehoben. Schliesslich muss mit aller Deutlichkeit festgehalten werden, dass die Bearbeiter keinen Namen anerkennen, der zufälligerweise validiert worden sein könnte.

Der bibliographische Teil des RPS wurde gegenüber früheren Ausgaben erheblich erweitert und sollte nun das Feld der taxonomischen Literatur über sukkulente Pflanzen ziemlich umfassend abdecken. Neben einer kompletten Uebersicht über das in den Spezialzeitschriften zum Gebiet veröffentlichte Material wurde erstmals auch die *Current Awareness List* der Royal Botanic Gardens Kew verwendet, um die Bibliographie zu vervollständigen. Für Hinweise auf versehentlich ausgelassene Veröffentlichungen sind die Autoren dankbar. In einigen Fällen, vor allem wenn der Titel über den Inhalt einer Publikation nur wenig aussagt, wurden einige Stichworte in eckigen Klammern angefügt.

Wir hoffen, dass diese Aenderungen gegenüber früheren Ausgaben des RPS die Publikation für IOS-Mitglieder und andere Benutzer noch nützlicher machen.

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# NOMINA NOVA

## Agavaceae

- Agave albomarginata* H. Gentry, *Agaves Cont. N. Amer.* 129-130. 1982. Typus: *H. Gentry* 19811 (US).
- Agave americana* var. *oaxacensis* H. Gentry, *Agaves Cont. N. Amer.* 285-287. 1982. Typus: *H. Gentry & Arguelles* 12260 (US).
- Agave americana* ssp. *protoamericana* H. Gentry, *Agaves Cont. N. Amer.* 287-290. 1982. Typus: *H. Gentry & Barclay* 20156 (US).
- Agave angustifolia* var. *deweyana* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 564. 1982. Basionym: *Agave deweyana*.
- Agave angustifolia* var. *letonae* (Taylor ex Trelease) H. Gentry, *Agaves Cont. N. Amer.* 564. 1982. Basionym: *Agave letonae*.
- Agave angustifolia* var. *nivea* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 566. 1982. Basionym: *Agave nivea*.
- Agave angustifolia* var. *rubescens* (Salm-Dyck) H. Gentry, *Agaves Cont. N. Amer.* 566. 1982. Basionym: *Agave rubescens*.
- Agave atrovirens* var. *mirabilis* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 473. 1982. Basionym: *Agave mirabilis*.
- Agave breedlovei* H. Gentry, *Agaves Cont. N. Amer.* 567-568. 1982. Typus: *Breedlove* 37904 (CAS).
- Agave cantala* var. *acuispina* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 569. 1982. Basionym: *Agave acuispina*.
- Agave celsii* var. *albicans* (Jacobi) H. Gentry, *Agaves Cont. N. Amer.* 223. 1982. Basionym: *Agave albicans*.
- Agave congesta* H. Gentry, *Agaves Cont. N. Amer.* 476-479. 1982. Typus: *H. & M. Gentry* 23651 (US).
- Agave durangensis* H. Gentry, *Agaves Cont. N. Amer.* 433-436. 1982. Typus: *H. Gentry & Gilly* 10576 (US).
- Agave gypsophila* H. Gentry, *Agaves Cont. N. Amer.* 510-512. 1982. Typus: *Floyed & Ryan* 103 (MICH).
- Agave hiemiflora* H. Gentry, *Agaves Cont. N. Amer.* 480. 1982. Typus: *H. & M. Gentry* 23640 (US).
- Agave impressa* H. Gentry, *Agaves Cont. N. Amer.* 146-149. 1982. Typus: *H. Gentry* 23366 (US).
- Agave inaequidens* ssp. *barrancensis* H. Gentry, *Agaves Cont. N. Amer.* 342-344. 1982. Typus: *H. Gentry & Arguelles* 22282 (US).
- Agave mapisaga* var. *lisa* H. Gentry, *Agaves Cont. N. Amer.* 604. 1982. Typus: *H. Gentry* 21980 (US).
- Agave maximiliana* var. *katharinae* (A. Berger) H. Gentry, *Agaves Cont. N. Amer.* 350. 1982. Basionym: *Agave katharinae*.
- Agave nayaritensis* H. Gentry, *Agaves Cont. N. Amer.* 515-516. 1982. Typus: *H. Gentry* 21167 (US).
- Agave ocahui* var. *longifolia* H. Gentry, *Agaves Cont. N. Amer.* 78. 1982. Typus: *H. Gentry* 11610 (US).
- Agave ornithobroma* H. Gentry, *Agaves Cont. N. Amer.* 117-118. 1982. Typus: *H. Gentry* 18358 (US).
- Agave oroensis* H. Gentry, *Agaves Cont. N. Amer.* 294-296. 1982. Typus: *H. Gentry & Engard* 23592 (US).
- Agave parryi* var. *truncata* H. Gentry, *Agaves Cont. N. Amer.* 543-545. 1982. Typus: *H. Gentry & Gilly* 10566 (US).
- Agave polyacantha* var. *xalapensis* (Roezl ex Jacobi) H. Gentry, *Agaves Cont. N. Amer.* 230. 1982. Basionym: *Agave xalapensis*.
- Agave pygmae* H. Gentry, *Agaves Cont. N. Amer.* 494. 1982. Typus: *H. Gentry & McClure* 23650 (US).
- Agave salmiana* ssp. *crassispina* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 609. 1982. Basionym: *Agave crassispina*.
- Agave salmiana* var. *ferox* (Koch) H. Gentry, *Agaves Cont. N. Amer.* 611. 1982. Basionym: *Agave ferox*.
- Agave scabra* ssp. *maderensis* H. Gentry, *Agaves Cont. N. Amer.* 300. 1982, *nom. inval.* (37.1, based on syntypes).
- Agave scabra* ssp. *potosiensis* H. Gentry, *Agaves Cont. N. Amer.* 300-301. 1982. Typus: *H. Gentry, Barclay & Arguelles* 20162 (US).
- Agave scabra* ssp. *zarcensis* H. Gentry, *Agaves Cont. N. Amer.* 302. 1982. Typus: *H. Gentry & Arguelles* 22084 (US).
- Agave scaposa* H. Gentry, *Agaves Cont. N. Amer.* 303-304. 1982. Typus: *H. Gentry* 22472 (US).
- Agave shawii* ssp. *goldmaniana* (Trelease) H. Gentry, *Agaves Cont. N. Amer.* 642. 1982. Basionym: *Agave goldmaniana*.
- Agave shrevei* ssp. *magna* H. Gentry, *Agaves Cont. N. Amer.* 451-453. 1982. Typus: *H. Gentry & Bye* 23360 (US).
- Agave striata* ssp. *falcata* (Engelm.) H. Gentry, *Agaves Cont. N. Amer.* 245. 1982. Basionym: *Agave falcata*.
- Agave titanota* H. Gentry, *Agaves Cont. N. Amer.* 176-180. 1982. Typus: *H. Gentry & Tejeda* 22474 (US).
- Agave toumeyana* ssp. *bella* (Breitung) H. Gentry, *Agaves Cont. N. Amer.* 211. 1982. Basionym: *Agave toumeyana* var. *bella*.

*Agave utahensis* ssp. *kaibabensis* (McKelvey) H. Gentry, *Agaves* Cont. N. Amer. 259. 1982. Basionym: *Agave kaibabensis*.  
*Sansevieria suffruticosa* var. *longituba* Pfennig in Bot. Jahrb. 102 (1-4): 178. 1981. Typus: Pfennig 1336 (EA).

## Aizoaceae

- × *Carruanthophyllum hybridum* (Haw.) G. Rowley in Cact. Succ. J. Brit. 44(1):2. 1982. Basionym: *Mesembryanthemum hybridum* Haw. (*Carruanthus caninus* × *Machairophyllum albidum*).  
*Conophytum auctum* f. *approximatum* (Lavis) R. Rawe in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum approximatum*.  
*Conophytum ecarinatum* var. *candidum* (L. Bolus) R. Rawe in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum candidum*.  
*Conophytum meyeri* f. *semilunulium* (Tischer) R. Rawe in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum semilunulium*.  
*Conophytum meyeri* var. *globuliforme* (Schick & Tischer) R. Rawe ('meyeria') in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum globuliforme*.  
*Conophytum meyeri* var. *ramosum* (Lavis) R. Rawe in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum ramosum*.  
*Conophytum peersii* var. *multipunctatum* (Tischer) R. Rawe in Cact. Succ. J. (US) 54(4):169. 1982. Basionym: *Conophytum multipunctatum*.  
*Conophytum truncatum* var. *wiggettae* (N.E.Br.) R. Rawe in Cact. Succ. J. (US) 54(4):169. 1982. Basionym: *Conophytum wiggettae*.  
*Conophytum velutinum* var. *craterulum* (Tischer) R. Rawe in Cact. Succ. J. (US) 54(5):222. 1982. Basionym: *Conophytum craterulum*.  
*Conophytum viridicatum* var. *pisinnium* (N.E.Br.) R. Rawe in Cact. Succ. J. (US) 54(4):169. 1982. Basionym: *Conophytum pisinnium*.  
*Drosanthemopsis* Rauschert in Taxon 31(3): 555. 1982. Based on *Anisocalyx* L. Bolus non Hance ex Walp.  
*Drosanthemopsis salaria* (L. Bolus) Rauschert in Taxon 31(3):555. 1982. Basionym: *Anisocalyx salarius*.  
*Drosanthemopsis vaginata* (L. Bolus) Rauschert in Taxon 31(3):555. 1982. Basionym: *Drosanthemum vaginatum*.  
*Fenestraria rhopalophylla* ssp. *aurantiaca* (N.E.Br.) H.E.K. Hartmann in Bot. Jahrb. 103(2):181. 1982. Basionym: *Fenestraria aurantiaca*.

× *Gibbaeophyllum 'Marnieri'*: G. Rowley in Nat. Cact. Succ. J. 37(3):76. 1982, *nom. inval.* (ICNCP Art. 39): × *Mentophyllum marnieri* Marnier, *nom. nud.*

## Asclepiadaceae

- Ceropegia maccannii* Ansari in Bull. Bot. Surv. India 22(1-4):227-229. 1980, publ. 1982. Typus: Ansari 97574 (CAL).  
*Ceropegia powysii* D.V. Field in Kew Bull. 37(2):308-310. 1982. Typus: Field & Powys 115 (K).  
*Ceropegia prainii* Ansari & Kulkarni in Bull. Bot. Surv. India 22(1-4):221-222, ills. 1980, publ. 1982. Typus: Kulkarni 121885 (CAL).  
*Ceropegia swaziorum* D.V. Field in Kew Bull. 37(2):305-308. 1982. Typus: E.S. Kemp 1300 (K).  
*Echidnopsis mariae* Lavranos in Cact. Succ. J. (US) 54(5):215-216, ills. 1982. Typus: Lavranos & M.B. Bleck 19527 (E).  
× *Hoodiocalon* G. Rowley in Nat. Cact. Succ. J. 37(3):77. 1982. (*Hoodia* × *Trichocalon*).  
*Huernia ingeae* Lavranos in Cact. Succ. J. (US) 54(3):99-100, figs. 1982. Typus: Pehleman & Lavranos 435 sub Lavranos 17573 (NBG).  
*Huernia namaquensis* ssp. *hallii* (E. & B.M. Lamb) Bruyns in Cact. Succ. J. Gr. Brit. 44(4):86. 1982. Basionym: *Huernia hallii*. Neotypus: Hall s.n. (NBG 511/55).  
× *Huerniavalia* G. Rowley in Nat. Cact. J. 37(3):77. 1982. (*Duvalia* × *Huernia*)  
× *Huerniorbea* G. Rowley in Nat. Cact. Succ. J. 37(3):77. 1982. (*Huernia* × *Orbea*).  
× *Orbelia barklyi* (N.E.Br.) G. Rowley in Cact. Succ. J. Gr. Brit. 44(1):2. 1982. Basionym: *Stapelia barklyi* N.E.Br. (*Stapelia pulvinata* × *Orbea namaquensis*).  
× *Orbeopelia tarantuloides* (R.A. Dyer) G. Rowley in Cact. Succ. J. Gr. Brit. 44(1):2. 1982. Basionym: *Stapelia tarantuloides* (*Orbeopsis caudata* × *Stapelia gigantea*).  
× *Staparesia* G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982. (*Stapelia* × *Tavaresia*).  
× *Staparesia meintjesii* (R.A. Dyer) G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982. Basionym: *Tavaresii meintjesii* (*Stapelia* ? *getteffii* × *Tavaresia barklyi*).  
*Tromotriche engleriana* (Schlechter) Leach in J.S. Afr. Bot. 48(3):425. 1982. Basionym: *Stapelia engleriana*. Neotypus: Pillans 60 (BOL).  
*Tromotriche thudichumii* (Pillans) Leach in J. S. Afr. Bot. 48(3):426. 1982. Basionym: *Stapelia thudichumii*.



## Cactaceae

- Acanthorhopsalis houlettiana* (Lemaire) Volgin in Byull. Mosk. Obshch. Ispyt. Prir., Biol. 87(3):83. 1982. Basionym: *Rhopsalis houlettiana*.
- Acanthorhopsalis incachacana* (Cardenas) Volgin in Byull. Mosk. Obshch. Ispyt. Prir., Biol. 87(3):83. 1982. Basionym: *Rhopsalis incachacana*.
- × *Aporhocereus* G. Rowley in Nat. Cact. Succ. J. 37(2):46. 1982. (*Aporocactus* × *Weberocereus*).
- × *Aporepiphylum freiburgensis* ('frieburgensis' sphalm.) (Weingart) G. Rowley in Nat. Cact. Succ. J. 37(2):46. 1982. Basionym: *Cereus freiburgensis* (*Aporocactus flagelliformis* × *Epiphylum ? crenatum*).
- × *Aporoheliocereus smithii* (Pfeiffer) G. Rowley in Nat. Cact. Succ. J. 37(2):46. 1982. Basionym: *Cereus smithii* (*Aporocactus flagelliformis* × *Heliocereus speciosus*).
- × *Borzinopsis* G. Rowley in Nat. Cact. Succ. J. 37(2):47. 1982. (*Borzicactus* × *Echinopsis*.)
- × *Borzipostoa* G. Rowley in Nat. Cact. Succ. J. 37(2):47. 1982. (*Borzicactus* × *Espostoa*.)
- × *Borzipostoa mirabilis* (Rauh & Backeb. ex Backeb.) G. Rowley in Nat. Cact. Succ. J. 37(2):47. 1982. Basionym: *Neobinghamia mirabilis* (*Borzicactus icosagonus* × *Espostoa lanata*).
- × *Borziroya* G. Rowley in Nat. Cact. Succ. J. 37(2):47. 1982. (*Borzicactus* × *Oroya*.)
- Browningia riosaniensis* (Backeb.) G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. Basionym: *Rauhocereus riosaniensis*.
- × *Cerevillea* G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. (*Cereus* × *Monvillea*.)
- × *Cleistoborzicactus* G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. (*Borzicactus* × *Cleistocactus*.)
- Cleistocactus horstii* P.J. Braun in Kakt. u. a. Sukk. 33(10):204-209, ills. 1982. Typus: *L. Horst* 373 (Succulentarium, Univ. Köln).
- Coleocephalocereus fluminensis* var. *braamhaarii* P.J. Braun in Kakt. u. a. Sukk. 33(6):118-121, ills. 1982. Typus: *Braamhaar* 1/1980 (Succulentarium, Univ. Köln).
- Coryphantha pusilliflora* L. Bremer in Cact. Succ. J. (US) 54(3):133-134, 144, ills. 1982. Typus: *Bremer* 477-2 (ARIZ).
- Coryphantha radians* var. *pectinoides* (J. Coulter) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):17. 1982. Basionym: *Cactus radians* (var.) *pectinoides*.
- Coryphantha radians* var. *pseudoradians* (H. Brav. -Holl.) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):17. 1982. Basionym: *Coryphantha pseudoradians*.
- Coryphantha retusa* var. *melleospina* (H. Brav. -Holl.) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):17. 1982. Basionym: *Coryphantha melleospina*.
- × *Disheliocereus* G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. (*Disocactus* × *Heliocereus*.)
- Disocactus amazonicus* (Schumann) D. Hunt in Cact. Succ. J. Gr. Brit. 44(1):2. 1982. Basionym: *Wittia amazonica*.
- × *Disochia* G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. (*Disocactus* × *Nopalxochia*.)
- Echinocereus* sect. *Erecti* (Schumann) H. Brav. -Holl. ('Erecta') in Cact. Suc. Mex. 27(1):16. 1982. Basionym: *Echinocereus* ser. *Erecti*. Lectotypus: *E. fendleri* (Engelm.) Ruempler.
- Echinocereus* ser. *Fasciculatae* H. Brav. -Holl. in Cact. Suc. Mex. 27(1):16. 1982, *nom. inval.* Typus: *E. fasciculatus* L. Benson, *nom. inval.* (36.1) [based on *Mammillaria fasciculata* Engelm., *nom. prov.*].
- Echinocereus* ser. *Viridiflorae* H. Brav. -Holl. in Cact. Suc. Mex. 27(1):16. 1982, *nom. inval.* (32.1 & 22.1). Typus: *E. viridiflorus* (typus generis).
- Echinocereus fendleri* var. *kuenzleri* (Castetter et al.) L. Benson, Cacti U.S. & Can. 942. 1982. Basionym: *Echinocereus kuenzleri*.
- Echinocereus pectinatus* var. *rubispinus* G.R.W. Frank & A. Lau ex G.R.W. Frank in Kakt. u. a. Sukk. 33(2):32-35, ills. 1982. Typus: *A. Lau* 88 (ZSS).
- Echinocereus schwarzii* A. Lau in Cact. Succ. J. (US) 54(1):27-29, ills. 1982. Typus: *A. Lau* 1305 (POM).
- Echinopsis adolfriedrichii* G. Moser in Nat. Cact. Succ. J. 37(2):39-40, ills. 1982. Typus: *G. Moser* 946 (K).
- Echinopsis* 'Schachenfeuer' H. Theobald in Kakt. u. a. Sukk. 30(3):56-57, ill. 1982. (*Echinopsis oxygona* × *E. eyriesii* × *E. aurea* × *E. densispina*)
- Escobaria strobiliformis* var. *durispina* (Quehl) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):17. 1982. Basionym: *Mammillaria strobiliformis* var. *durispina*.
- × *Espostingia* G. Rowley in Nat. Cact. Succ. J. 37(2):48. 1982. (*Espostoa* × *Browningia*.)
- Ferocactus eastwoodiae* (L. Benson) L. Benson, Cacti U.S. & Can. 969. 1982. Basionym: *Ferocactus acanthodes* var. *eastwoodiae*.

- Gymnocalycium platense* var. *ventanicola* (Speg.) Kiesel. in *Darwiniana* 24(1-4):441. 1982. Basionym: *Echinocactus gibbosus ventanicola*. Neotypus: *H.A. Fabris & A. Sogastegni s.n.* (LP). [Cf. Art. 57.1.]
- Haageocereus albus* (Ritter) G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. Basionym: *Weberbauerocereus albus*.
- × *Haagespostoa* G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. (*Espostoa* × *Haageocereus*.)
- × *Haagespostoa albisetata* (Akers) G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. Basionym: *Peruvocereus albisetatus* (*Espostoa haagei* × *Haageocereus multangularis*).
- × *Haagespostoa climaxantha* (Werderm.) G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. Basionym: *Binghamia climaxantha* (*Espostoa haagei* × *Haageocereus albispinus*).
- × *Harricereus* G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. (*Cereus* × *Harrisia*.)
- × *Harrisinopsis* G. Rowley in *Nat. Cact. Succ. J.* 37(3):77. 1982. (*Echinopsis* × *Harrisia*.)
- Lobivia aurea* var. *quinesensis* (Rausch) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Echinopsis aurea* var. *quinesensis*.
- Lobivia backebergii* ssp. *hertrichiana* (Backeb.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia hertrichiana*.
- Lobivia backebergii* ssp. *schieliana* (Backeb.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia schieliana*.
- Lobivia backebergii* ssp. *wrightiana* (Backeb.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia wrightiana*.
- Lobivia backebergii* ssp. *zecheri* (Rausch) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia zecheri*.
- Lobivia chrysantha* ssp. *jajoiana* (Backeb.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia jajoiana*.
- Lobivia chrysantha* ssp. *marsoneri* (Werderm.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Echinopsis marsoneri*.
- Lobivia chrysantha* var. *casपालasensis* (Rausch) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia jajoiana* var. *casपालasensis*.
- Lobivia chrysantha* var. *glauca* (Rausch) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia glauca*.
- Lobivia chrysantha* var. *klusacekii* (Fric) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia klusacekii*.
- Lobivia chrysantha* var. *muhriae* G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. *nom. inval.*: *Lobivia muhriae* Backeb., *nom. inval.* (9.5).
- Lobivia chrysantha* var. *rubescens* (Backeb.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia rubescens*.
- Lobivia chrysantha* var. *vatterii* (Krainz) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia vatterii*.
- Lobivia cinnabarina* ssp. *prestoana* (Cardenas) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia prestoana*.
- Lobivia cinnabarina* ssp. *taratensis* (Cardenas) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia taratensis*.
- Lobivia cinnabarina* var. *draxleriana* (Rausch) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia draxleriana*.
- Lobivia cinnabarina* var. *oligotricha* (Cardenas) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia oligotricha*.
- Lobivia cinnabarina* var. *taratensis* (Cardenas) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia taratensis*.
- Lobivia cinnabarina* var. *walterspielii* (Boedeker) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia walterspielii*.
- Lobivia cinnabarina* var. *zudanensis* (Cardenas) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Lobivia zudanensis*.
- Lobivia formosa* var. *orurensis* (Cardenas) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Trichocereus orurensis*.
- Lobivia formosa* var. *poco* (Backeb.) G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):80. 1982. Basionym: *Trichocereus poco*.
- Lobivia haematantha* ssp. *chorillosensis* (Rausch) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):81. 1982. Basionym: *Lobivia chorillosensis*.
- Lobivia haematantha* ssp. *densispina* (Werderm.) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):81. 1982. Basionym: *Lobivia densispina*.
- Lobivia haematantha* ssp. *kuehnrichii* (Fric) Rausch ex G. Rowley in *Nat. Cact. Succ. J. Gr. Brit.* 44(4):81. 1982. Basionym: *Lobivia kuehnrichii*.

- Lobivia haematantha** var. **amblayensis** (Rausch) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia amblayensis*.
- Lobivia haematantha** var. **drijveriana** (Backeb.) G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia drijveriana*.
- Lobivia haematantha** var. **elongata** (Backeb.) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):80. 1982. Basionym: *Lobivia elongata*.
- Lobivia haematantha** var. **fechseri** (Rausch) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):80. 1982. Basionym: *Lobivia hualfinensis* var. *fechseri*.
- Lobivia haematantha** var. **hualfinensis** (Rausch) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia hualfinensis*.
- Lobivia haematantha** var. **pectinifera** (Wessner) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia pectinifera*.
- Lobivia haematantha** var. **rebutioides** (Backeb.) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia rebutioides*.
- Lobivia haematantha** var. **sublimiflora** (Backeb.) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia sublimiflora*.
- Lobivia huascha** var. **rubriflora** (F.A.C. Weber) G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Cereus huascha* var. *rubriflorus*.
- Lobivia maximiliana** ssp. **caespitosa** (J. Purpus) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Echinopsis caespitosa*.
- Lobivia maximiliana** ssp. **quiabayensis** (Rausch) Rausch ex G. Rowley in Cact. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia quiabayensis*.
- Lobivia maximiliana** var. **violacea** (Rausch) G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia caespitosa* var. *violacea*.
- Lobivia maximiliana** ssp. **westii** (Hutchison) Rausch ex G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia westii*.
- Lobivia saltensis** var. **emmae** (Backeb.) G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia emmae*.
- Lobivia tiegeliana** var. **cinnabarina** (Fric) G. Rowley in Cact. Succ. J. Gr. Brit. 44(4):81. 1982. Basionym: *Lobivia graulichii* var. *cinnabarina*.
- Mammillaria** subg. **Longiflorae** (D. Hunt) H. Brav. -Holl. ('Longiflora') in Cact. Suc. Mex. 27(1):17. 1982. Basionym: *Mammillaria* ser. *Longiflorae*.
- Melocactus margaritaceus** Rizz., *Melocactus* no Brasil, 76-77. 1982, *nom. inval.* (37.1).
- Melocactus margaritaceus** var. **disciformis** Rizz., *Melocactus* no Brasil, 78. 1982, *nom. inval.* (43.1).
- Melocactus margaritaceus** var. **salvadoranus** Rizz., *Melocactus* no Brasil, 78. 1982. *nom. inval.* (43.1).
- Melocactus melocactoides** f. **capensis** Rizz., *Melocactus* no Brasil, 81-82. 1982, *nom. inval.* (37.1).
- Melocactus melocactoides** f. **civitatensis** Rizz., *Melocactus* no Brasil, 81. 1982, *nom. inval.* (37.1).
- Melocactus melocactoides** f. **exsanguis** Rizz., *Melocactus* no Brasil, 83, 84. 1982. Typus: *M.C. Rizzini s.n.*
- Melocactus melocactoides** f. **perspinosus** Rizz., *Melocactus* no Brasil, 82. 1982, *nom. inval.* (37.1).
- Melocactus melocactoides** f. **sanctariae** Rizz., *Melocactus* no Brasil, 82-84. 1982, *nom. inval.* (37.1).
- Melocactus melocactoides** var. **depressus** (Hook.) Rizz., *Melocactus* no Brasil, 82. 1982, *nom. inval.* (33.2). Basionym: *Melocactus depressus*.
- Melocactus melocactoides** var. **itapuassuensis** Rizz., *Melocactus* no Brasil, 82. 84. 1982. Typus: *Rizzini & Rizzini s.n.*
- Melocactus melocactoides** var. **natalensis** Rizz., *Melocactus* no Brasil, 82, 84. 1982, *nom. inval.* (37.1).
- Melocactus melocactoides** var. **violaceus** (Pfeiffer) Rizz., *Melocactus* no Brasil, 81, 83. 1982, *nom. inval.* (33.2). Basionym: *Melocactus violaceus*.
- Melocactus oreas** ssp. **bahiensis** (B. & R.) Rizz., *Melocactus* no Brasil, 52-53. 1982. Basionym: *Cactus bahiensis*.
- Melocactus oreas** var. **rubrisaetosus** (Buin. & Brederoo) Rizz., *Melocactus* no Brasil, 52-53. 1982, *nom. inval.* (33.2). Basionym: *Melocactus rubrisaetosus*.
- Melocactus oreas** var. **submunitus** Rizz., *Melocactus* no Brasil, 54. 1982, *nom. inval.* (37.1).
- Melocactus schatzlii** Till & Gruber in Kakt. u. a. Sukk. 33(4):68-70, ills. 1982. Typus: *R. Gruber GS40 (WU)*.
- Melocactus zehntneri** var. **ananas** Rizz., *Melocactus* no Brasil, 64. 1982, *nom. inval.* (37.1).
- × **Myrtillocereus** G. Rowley in Nat. Cact. Succ. J. 37(3):78. 1982. (*Myrtillocactus* × *Stenocereus*.)

- Notocactus ferrugineus* H. Schlosser in Internoto 1982(2):23-26, ill. Typus: Schlosser 211 (MVM).
- Notocactus muricatus* var. *flavifuscus* Schäfer in Succulenta (NL) 61(1):6-7. 1982, *nom. inval.* (36.1).
- Opuntia echios* var. *gigantea* (J. Howell) D. Porter in Madrono 25(1):58. 1978. Basionym: *O. echios* ssp. *gigantea*.
- Opuntia megasperma* var. *orientalis* (J. Howell) D. Porter in Madrono 25(1):58. 1978. Basionym: *O. megasperma* ssp. *orientalis*.
- Opuntia sanguinea* G.R. Proctor in J. Arnold Arb. 63(3):239. 1982. Typus: G.R. Proctor 38043 (IJ).
- Opuntia shaferi* var. *humahuacana* (Backeb.) G. Rowley in Cact. Succ. J. Gr. Brit. 44(1):2. 1982. Basionym: *Cylindropuntia humahuacana*.
- × *Pacherocactus* G. Rowley in Nat. Cact. Succ. J. 37(3):78. 1982. (*Bergerocactus* × *Pachycereus*.)
- × *Pacherocactus orcuttii* (K. Brandegee) G. Rowley in Nat. Cact. Succ. J. 37(3):78. 1982. Basionym: *Cereus orcuttii* (*Bergerocactus emoryi* × *Pachycereus pringlei*).
- Parodia* (subg. *Protoparodia*) ser. *Austrospermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):55. 1982. Typus: *Parodia aureicentra* Backeb.
- Parodia* (subg. *Protoparodia*) ser. *Brasilispermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):57. 1982. Typus: *Parodia buenekeri* Buin.
- Parodia* (subg. *Obtextispermae*) ser. *Calyptospermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):52. 1982. Typus: *Parodia ayopayana* Cardenas.
- Parodia* (subg. *Parodia*) ser. *Eriospermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):57-58. 1982. Typus: *Parodia chrysacanthion* (Schumann) Backeb.
- Parodia* (subg. *Protoparodia*) ser. *Extremispermae* F. Brandt ('*Extremispermae*') in Kakt. Orch. -Rundschau 7(4):55. 1982. Typus: *Parodia tilcarensis* Backeb.
- Parodia* ser. *Hamatacanthae* F. Brandt in Kakt. Orch. -Rundschau 7(4):58. 1982, *nom. inval.* (32.1 & 22.1). Typus: *Parodia microsperma* (F.A.C. Weber) Spegazzini (*typus generis*).
- Parodia* (subg. *Obtextispermae*) ser. *Intectispermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):52-53. 1982. Typus: *Parodia miguillensis* Cardenas.
- Parodia* (subg. *Protoparodia*) ser. *Longispermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):56. 1982. Typus: *Parodia taratensis* Cardenas.
- Parodia* (subg. *Protoparodia*) ser. *Mesospermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):54. 1982. Typus: *Parodia andreaeoides* Brandt.
- Parodia* (subg. *Protoparodia*) ser. *Ovispermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):54. 1982. Typus: *Parodia ocampoi* Cardenas.
- Parodia* (subg. *Protoparodia*) ser. *Pseudonotospermae* F. Brandt in Kakt. Orch. -Rundschau 7(4):56. 1982. Typus: *Parodia mairanana* Cardenas.
- Parodia* subg. *Brasilicactus* (Backeb.) F. Brandt ('*Brasilicactea*') in Kakt. Orch. -Rundschau 7(4):53, 66. 1982. Basionym: *Brasilicactus pro gen.*
- Parodia* subg. *Eriocactus* (Backeb.) F. Brandt ('*Eriocactea*') in Kakt. Orch. -Rundschau 7(4):58, 61. 1982. Basionym: *Eriocactus pro gen.*
- Parodia ampliocostata* (Ritter) F. Brandt in Kakt. Orch. -Rundschau 7(4):61. 1982. Basionym: *Eriocactus ampliocostatus*.
- Parodia aureispina* var. *rubriantha* F. Brandt in Kakt. Orch. -Rundschau 7(5):77. 1982, *nom. inval.*: *Parodia rubriflora* Backeb., *nom. inval.* (9.5).
- Parodia bellavistana* F. Brandt in Kakt. Orch. -Rundschau 7(2):18-21, ill. 1982. Typus: cult. F. Brandt 90 (HEID).
- Parodia camplayana* (Ritter) F. Brandt in Kakt. Orch. -Rundschau 7(3):40. 1982. Basionym: *Parodia camargensis* var. *camplayana*.
- Parodia catarinensis* (Ritter) F. Brandt in Kakt. Orch. -Rundschau 7(4):65. 1982. Basionym: *Brasiliparodia catarinensis*.
- Parodia claviceps* (Ritter) F. Brandt in Kakt. Orch. -Rundschau 7(4):62. 1982. Basionym: *Eriocactus claviceps*.
- Parodia elachisantha* (F.A.C. Weber ex Roland-Goss.) F. Brandt in Kakt. Orch. -Rundschau 7(4):67. 1982. Basionym: *Echinocactus elachisanthus*.
- Parodia graessneri* (Schumann) F. Brandt in Kakt. Orch. -Rundschau 7(4):66. 1982. Basionym: *Echinocactus graessneri*.
- Parodia grossei* (Schumann) F. Brandt in Kakt. Orch. -Rundschau 7(4):62. 1982. Basionym: *Echinocactus grossei*.
- Parodia haselbergii* (F. Haage ex Ruempler) F. Brandt in Kakt. Orch. -Rundschau 7(4):67. 1982. Basionym: *Echinocactus haselbergii*.
- Parodia leninghausii* (F. Haage) F. Brandt in Kakt. Orch. -Rundschau 7(4):61. 1982. Basionym: *Pilocereus* ('*Pilosocereus*') *leninghausii*.
- Parodia magnifica* (Ritter) F. Brandt in Kakt. Orch. -Rundschau 7(4):62. 1982. Basionym: *Eriocactus magnificus*.

- Parodia mutabilis* var. *sanguiniflora* (Backeb.) F. Brandt in Kakt. Orch. -Rundschau 7(5):77. 1982. Basionym: *Parodia sanguiniflora*.
- Parodia nigrispina* (Schumann) F. Brandt in Kakt. Orch. -Rundschau 7(4):61. 1982. Basionym: *Echinocactus nigrispinus*.
- Parodia pseudoprocera* var. *aurantiaciflora* F. Brandt in Letzebueger Cacteeffren 3(2): 1-5, ills. 1982, *nom. inval.* (37.1).
- Parodia rechensis* (Buin.) F. Brandt in Kakt. Orch. -Rundschau 7(4):65. 1982. Basionym: *Notocactus rechensis*.
- Parodia schumanniana* (Nicolai) F. Brandt in Kakt. Orch. -Rundschau 7(4):62. 1982. Basionym: *Echinocactus schumannianus*.
- Parodia warasii* (Ritter) F. Brandt ('warasi') in Kakt. Orch. -Rundschau 7(4):62. 1982. Basionym: *Eriocactus warasii* ('warasi').
- Pilosocereus gruberi* Schatzl & Till in Kakt. u.a. Sukk. 33(1):8-9, ills. 1982. Typus: *R. Gruber & S. Schatzl s.n.* (WU).
- Pilosocereus tillianus* Gruber & Schatzl in Kakt. u. a. Sukk. 33(8):162-164, ills. 1982. Typus: *R. Gruber GS 78* (WU).
- Pseudopilocereus parvus* L. Diers & E. Esteves Pereira in Kakt. u. a. Sukk. 33(5):100-104, ills. 1982. Typus: *E. Esteves Pereira 94* (Succulentarium, Univ. Köln).
- Pterocactus gonjianii* Kiesel in Cact. Succ. J. Gr. Brit. 44(3):55-56, ill. 1982. Typus: *R. Kiesling 307* (LP).
- Pterocactus kuntzei* f. *lelongii* Ruiz Leal ex Kiesel in Cact. Succ. J. Gr. Brit. 44(3):56. 1982. Typus: *Ruiz Leal 12017* (RL).
- Puna* Kiesel in Hickenia 1(55):289-290, ills. 1982. Typus: *Puna clavarioides*.
- Puna clavarioides* (Pfeiffer) Kiesel in Hickenia 1(55):291-292. 1982. Basionym: *Opuntia clavarioides*. Neotypus: *Ruiz-Leal 3470* (holotype of *Opuntia ruiz-lealii* Castell.).
- Puna subterranea* (R.E. Fries) Kiesel in Hickenia 1(55):293. 1982. Basionym: *Opuntia subterranea*. Neotypus: *Kiesling 139* (LP).
- Rebutia nazarenoensis* (Rausch) B. Fearn & L. Percy, The Genus Rebutia, 71. 1981. Basionym: *Digitorebutia nazarenoensis*.
- × *Seleiocereus fulgidus* (Hooker) G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982. Basionym: *Cereus fulgidus* (*Heliocereus speciosus* × *Selenicereus ? pteranthus*).
- Selenicereus innesii* Kimn. in Cact. Succ. J. (US) 54(1):3-7, ills. 1982. Typus: *Innes s.n.* in HBG 46223 (HNT).
- × *Seleniporocactus* G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982. (*Aporocactus* × *Selenicereus*.)
- × *Seleniporocactus 'Grandiflorus Ruber'*: G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982, *nom. illegit.* (ICNCP Art. 27a): *Cereus grandiflorus fl. rubr. hort.* Focke 1881 (*Aporocactus flagelliformis* × *Selenicereus grandiflorus*).
- × *Selenirisia* G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982. (*Harrisia* × *Selenicereus*.)
- × *Selenochia* G. Rowley ('Selenocha') in Nat. Cact. Succ. J. 37(3):79. 1982. (*Nopalxochia* × *Selenicereus*.)
- Stenocactus dichroacanthus* var. *violaciflorus* (Quehl) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):16. 1982. Basionym: *Echinocactus violaciflorus*.
- Stenocactus sulphureus* (A. Dietr.) H. Brav. -Holl. in Cact. Suc. Mex. 27(1):16-17. 1982. Basionym: *Echinocactus sulphureus*.
- Stenocereus peruvianus* (Mill.) Kiesel. in Darwiniana 24(1-4):446. 1982. Basionym: *Cereus peruvianus*. Neotypus: *Rose 18501* (NY).
- Turbincarpus schmiedickeanus* var. *dickisoniae* Glass & Foster in Cact. Succ. J. (US) 54(2):74, ills. 1982. Typus: *S. Dickison s.n.* in AbG 81-002 (POM).
- Weberocereus glaber* (Eichlam) G. Rowley in Nat. Cact. Succ. J. 37(2):46. 1982. Basionym: *Cereus glaber*.
- Weberocereus tonduzii* (F.A.C. Weber) G. Rowley in Nat. Cact. Succ. J. 37(2):46. 1982. Basionym: *Cereus tonduzii*.
- Weingartia electracantha* F. Brandt in Kakt. Orch. -Rundschau 7(5):77. 1982, *nom. inval.*: *Sulcorebutia electracantha* Backeb., *nom. inval.* (9.5).
- Weingartia perplexiflora* F. Brandt in Letzebueger Cacteeffren 3(8):i-vi, ills. 1982. Typus: *W. Rausch 566* in cult. *F. Brandt 92/a* (HEID).
- Weingartia saipinensis* F. Brandt in Kakt. Orch. -Rundschau 7(5):71-74. 1982. Typus: cult. *F. Brandt 100* (*Knize 1573*) (HEID).
- Weingartia totoralensis* F. Brandt in Kakt. Orch. -Rundschau 7(3):32-35, ills. 1982. Typus: cult. *F. Brandt 87/a* (HEID).
- Wittiocactus* Rauschert in Taxon 31(3):558. 1982. Based on *Wittia* Schumann *non* Pantocsek.
- Wittiocactus amazonicus* (Schumann) Rauschert in Taxon 31(3):559. 1982. Basionym: *Wittia amazonica*.
- Wittiocactus panamensis* (B. & R.) Rauschert in Taxon 31(3):559. 1982. Basionym: *Wittia panamensis*.

## Crassulaceae

- Bryophyllum mortagei* (Raym. -Hamet & Perr.) Wickens in Kew Bull. 36(4):672. 1982. Basionym: *Kalanchoe mortagei*.

- Echeveria longissima* var. *aztatlensis* J. Meyran in Cact. Suc. Mex. 27(2):33-36, ill. 1982. Typus: *F. Otero* 25 in J. Meyran 4318 (MEXU 025616).
- Hylotelephium* sect. *Populisedum* (A. Berger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):165. 1978. Basionym: *Sedum* sect. *Populisedum*.
- Hylotelephium* ser. *Sieboldia* H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):165. 1978. Typus: *Hylotelephium sieboldii*.
- Jovibarba* [*x nixonii* Zonneveld, *nom. inval.*] 'Jowan': Zonneveld in Sempervivum Fanciers Association Newsletter 7(2):8. 1981.
- Jovibarba x kwediana* P. Mitchell in Houslekes 13(2):39-40. 1982, *nom. inval.* (9.5, 37.1). (*Jovibarba allionii x J. heuffelii*.)
- Jovibarba x mitchellii* Zonneveld in Houslekes 13(2):36-37. 1982, *nom. inval.* (9.5, 37.1). (*Jovibarba arenaria x J. heuffelii*.)
- Jovibarba x nixonii* Zonneveld in Sempervivum Fanciers Association Newsletter 7(2):7. 1981, *nom. inval.* (37.1). (*Jovibarba sobolifera x J. heuffelii* 'Bronze Ingot'.)
- Kalanchoe citrina* var. *ballyi* Raym. -Hamet ex Wickens in Kew Bull. 36(4):674. 1982. Typus: *Bally* 9151 (K).
- x Lenaptopetalum* G. Rowley in Nat. Cact. Succ. J. 37(3):77. 1982. (*Graptopetalum x Lenophyllum*.)
- Orostachys* sect. *Schoenlandia* H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):160. 1978. Typus: *Orostachys schoenlandii*.
- Orostachys* subsect. *Appendiculatae* (A. Boriss.) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):160. 1978. Basionym: *Orostachys* ser. *Appendiculatae*.
- Orostachys aliciae* (Raym. -Hamet) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):160. 1978. Basionym: *Crassula aliciae*.
- Orostachys schoenlandii* (Raym. -Hamet) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):160. 1978. Basionym: *Sedum schoenlandii*.
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- x Pachyveria 'Pulchella'*: G. Rowley in Nat. Cact. Succ. J. 37(3):78. 1982: *Echeveria pulchella* Berger 1904 (*x Pachyveria scheideckeri x Echeveria secunda*).
- x Pachyveria 'Valida'*: G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982: *Echeveria valida* Haage & Schmidt cat. 1883 (*x Pachyveria pachyphytoides x Echeveria gibbiflora*).
- Perrierosedum* (A. Berger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):166. 1978. Basionym: *Sedum* sect. *Perrierosedum*.
- Perrierosedum madagascariense* (Perrier de la Bathie) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):166. 1978. Basionym: *Sedum madagascariense*.
- Prometheum* (A. Berger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):168. 1978. Typus: *Prometheum sempervivoides*. [Competes with *Pseudorosularia* Gurgén.]
- Prometheum pilosum* (Marsch. - Bieb.) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):169. 1978. Basionym: *Sedum pilosum*.
- Prometheum sempervivoides* (Fischer ex Marsch. -Bieb.) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):169. 1978. Basionym: *Sedum sempervivoides*.
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- Pseudorosularia pilosa* (M. -Bieb.) Gurgén. in Zam. Sist. Geogr. Rast. 35:11. 1978. Basionym: *Sedum pilosum*.
- Pseudorosularia sempervivoides* (Fischer) Gurgén. in Zam. Sist. Geogr. Rast. 35:13-14. 1978. Basionym: *Sedum sempervivoides*.
- Rhodiola* [subg. *Primuloides*] sect. *Hobsonia* (H. Ohba) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):184. 1978. Basionym: *Sedum* sect. *Hobsonia*.
- Rhodiola* [subg. *Rhodiola*] sect. *Prairia* (H. Ohba) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):189. 1978. Basionym: *Sedum* sect. *Prairia*.
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- Rhodiola* [subg. *Primuloides*] sect. *Smithia* (H. Ohba) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):185. 1978. Basionym: *Sedum* sect. *Smithia*.
- Rhodiola* subg. *Clementsia* (Rose) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):186. 1978. Basionym: *Clementsia pro gen.*
- Rhodiola* subg. *Crassipedes* (Praeger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):185. 1978. Basionym: *Sedum* ser. *Crassipedes*. Typus ('lectotypus'): *Sedum crassipes*.
- Rhodiola* subg. *Primuloides* (Praeger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):183. 1978. Basionym: *Sedum* ser. *Primuloides*.
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**Rhodiola jungganica** Yang & Cui ex Yang in Acta Phytotax. Sin. 20(3):321-322, ills. 1982. Typus: *Cui 730595*.

**Rhodiola nobilis** ssp. *atuntsuensis* (Praeger) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 13(2):165. 1982. Basionym: *Sedum atuntsuense*.

**Rhodiola yunnanensis** ssp. *forrestii* (Raym.-Hamet) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 13(2):126. 1982. Basionym: *Sedum yunnanense* var. *forrestii*.

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× *Sedeveria 'Alidaea'*: G. Rowley in Nat. Cact. Succ. J. 37(3):79. 1982, *nom. inval.* (ICNCP Art. 39): *Echeveria xalidaea* Gossot, *nom. nud.* (*Echeveria* sp. × *Sedum* sp.).

**Sedum** sect. *Spathulata* (A. Boriss.) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):178. 1978. Basionym: *Sedum* subsect. *Spathulata*.

**Sedum** [subg. *Spathulata*] sect. *Stolonifera* H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):178. 1978. Typus: *Sedum stoloniferum*.

**Sedum** subg. *Aizoon* (Koch ex Schoenland) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):179. 1978. Basionym: *Sedum* sect. *Aizoon*.

**Sedum** subg. *Balfouria* H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):177-178. 1978. Typus: *Sedum balfourii*.

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**Sedum** subg. *Telmisa* (Fenzl) H. Ohba in J. Fac. Sci. Univ. Tokyo, Bot. 12(4):181. 1978. Basionym: *Telmisa pro gen.*

**Sedum acre** ssp. *microphyllum* (Stevanov) Bertova in Acta Bot. Slov. Acad. Sci. Slov.; A: Taxon. Geobot. No. 6:101-102. 1982. Basionym: *Sedum acre* var. *microphyllum*.

**Sedum versadense** var. *villadioides* Kimm. in Cact. Succ. J. (US) 54(5):206-208, ills. 1982. Typus: *Bauml & Kimmach 403* (HBG 45460) (HNT).

**Sempervivum marmoreum** var. *angustissimum* S. Priszter in Synopsis ... Florae vegetationisque Hungariae 6. 1980. Typus: *Regec* in 1976 (HHBp).

**Sempervivum vicentei** ssp. *lainzii* (Fernandez Casas) Fernandez Casas in An. Jard. Bot. Madrid 38(2):528. 1982. Basionym: *Sempervivum tectorum* ssp. *lainzii*.

**Sempervivum vicentei** ssp. *pau* Fernandez Casas in An. Jard. Bot. Madrid 38(2):527. 1981, publ. 1982. Typus: *Gonzalez Canalejo s.n.* in 1977 (MA).

## Didiereaceae

**Alluaudia** sect. *Androyella* Rabesa in Taxon 31(4):736. 1982; Rabesa in Trop. Subtrop. Pflanzenw. 37:13, 15. 1982 ('*Androyiella*', *nom. nud.*). Typus: *Alluaudia dumosa*.

## Euphorbiaceae

**Euphorbia actinoclada** S. Carter in Hooker's Icones Plantarum 39(3): pl. 3851, 2 pp. of text. 1982. Typus: *Gillett 12631* (K).

**Euphorbia adjurana** Bally & S. Carter ex S. Carter in Hooker's Icones Plantarum 39(3): pl. 3875, 2 pp. of text. 1982. Typus: *Gillett 13445* (K).

**Euphorbia asthenacantha** S. Carter in Hooker's Icones Plantarum 39(3): pl. 3865, 2 pp. of text. 1982. Typus: *Hooper & Townsend 1957B* (K).

**Euphorbia baiouensis** S. Carter in Hooker's Icones Plantarum 39(3): pl. 3870, 2 pp. of text. 1982. Typus: *Powys & Evans s.n.* (K).

**Euphorbia colubrina** Bally & S. Carter ex S. Carter in Hooker's Icones Plantarum 39(3): pl. 3868, 2 pp. of text. 1982. Typus: *Bally & Carter 16587* (K).

**Euphorbia dichroa** S. Carter in Hooker's Icones Plantarum 39(3): pl. 3861, 2 pp. of text. 1982. Typus: *Eggeling 2983* (K).

**Euphorbia eyassiana** Bally & S. Carter ex S. Carter in Hooker's Icones Plantarum 39(3): pl. 3864, 2 pp. of text. 1982. Typus: *Bally 10615* (K).

**Euphorbia fluminis** S. Carter in Hooker's Icones Plantarum 39(3): pl. 3854, 2 pp. of text. 1982. Typus: *Gillett 19534* (K).

**Euphorbia fractiflexa** S. Carter & J.R.I. Wood in Kew Bull. 37(1):75-76. 1982. Typus: *Wood 3256* (K).

**Euphorbia gemmea** Bally & S. Carter ex S. Carter in Hooker's Icones Plantarum 39(3): pl. 3863, 2 pp. of text. 1982. Typus: *Gillett 12633* (K).

*Euphorbia giessii* Leach in Dinteria, No. 16: 27-31, ills. 1982. Typus: *Giess* 14809 sub *Leach* 15940 (female) (PRE).

*Euphorbia hepatica* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3867, 2 pp. of text. 1982. Typus: *Greenway* 6653 (K).

*Euphorbia kalisana* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3852, 3 pp. of text. 1982. Typus: *Carter & Stannard* 198 (K).

*Euphorbia marsabitensis* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3857, 1 p. of text. 1982. Typus: *Carter & Stannard* 651 (K).

*Euphorbia meridionalis* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3853, 2 pp. of text. 1982. Typus: *Verdcourt* 2358 (K).

*Euphorbia odontophora* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3855, 2 pp. of text. 1982. Typus: *Gilbert & Thulin* 1299 (K).

*Euphorbia petraea* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3871, 2 pp. of text. 1982. Typus: *Osmaston* 500 (K).

*Euphorbia petricola* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3856, 2 pp. of text. 1982. Typus: *Greenway* 9831 (K).

*Euphorbia pseudoburuana* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3874, 2 pp. of text. 1982. Typus: *Gillett* 16306 (K).

*Euphorbia quadrispina* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3869, 2 pp. of text. 1982. Typus: *Bally & Radcliffe-Smith* 14928A (K).

*Euphorbia rubrispinosa* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3866, 2 pp. of text. 1982. Typus: *Bullock* 3261 (K).

*Euphorbia samburuensis* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3860, 2 pp. of text. 1982. Typus: *Carter & Stannard* 510 (K).

*Euphorbia subscandens* Bally & S. Carter ex S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3862, 2 pp. of text. 1982. Typus: *J. Adamson* in *Bally* E291 (K).

*Euphorbia tesorum* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3873, 3 pp. of text. 1982. Typus: *Carter & Stannard* 219 (K).

*Euphorbia turkanensis* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3859, 2 pp. of text. 1982. Typus: *Carter & Stannard* 304 (K).

*Euphorbia uzmuk* S. Carter & J.R.I. Wood in *Kew Bull.* 37(1):73-75. 1982. Typus: *Radcliffe-Smith & Henchie* 4794 (K).

*Euphorbia vittata* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3858, 2 pp. of text. 1982. Typus: *Mathew* 6660 (K).

*Euphorbia vulcanorum* S. Carter in Hooker's *Icones Plantarum* 39(3): pl. 3872, 2 pp. of text. 1982. Typus: *Carter & Stannard* 663 (K).

## Liliaceae

*Aloe dabenorisana* Jaarsveld in *J. S. Afr. Bot.* 48(3):419. 1982. Typus: *van Jaarsveld & Kritzinger* 6426 (NBG).

*Aloe richtersveldensis* H.J.T. Venter & G.J. Beukes in *Kew Bull.* 36(4):675. 1982. Typus: *Venter* 8264 (BLFU).

× *Gasteraloe beguinii* nvar. *chcludowii* (Radl) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe chcludowii* (*Aloe aristata* × *Gasteria verrucosa* var. *asperrima*).

× *Gasteraloe gloriosa* (Radl) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe hybrida gloriosa* (*Aloe purpurea* × *Gasteria maculata*).

× *Gasteraloe imbricata* (hort. ex A. Berger) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe* × *imbricata* (*Aloe variegata* ? × *Gasteria* sp.).

× *Gasteraloe lynchii* (Baker) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe lynchii* (*Aloe striata* × *Gasteria verrucosa*).

× *Gasteraloe nowotnyi* (Radl) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe* × *nowotnyi* (*Aloe aristata* × *Gasteria* sp.).

× *Gasteraloe peacockii* (Baker) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Gasteria peacockii* Baker (non *Aloe peacockii* A. Berger) (*Aloe heteracantha* × *Gasteria acinacifolia* var. *ensifolia*).

× *Gasteraloe pethamensis* (Baker) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Gasteria pethamensis* (*Aloe variegata* × *Gasteria verrucosa*).

× *Gasteraloe prorumpens* (A. Berger) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe* × *prorumpens* (*Aloe* sp. × *Gasteria* sp.).

× *Gasteraloe quehlii* (Radl) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: *Aloe* × *quehlii* (*Aloe* sp. × *Gasteria maculata* ?).

× *Gasteraloe sculptilis* (Poindexter) G. Rowley in *Nat. Cact. Succ. J.* 37(2):49. 1982. Basionym: × *Gastrolea sculptilis* (*Aloe variegata* × *Gasteria* × *cheilophylla*).

× *Gasterhaworthia orpetii* (Walther) G. Rowley in *Nat. Cact. Succ. J.* 37(3):76. 1982. Basionym: × *Gastrolirion orpetii* (*Gasteria* sp. × *Haworthia tenuifolia*).



- × *Gasterhaworthia squarrosa* (Baker) G. Rowley in Nat. Cact. Succ. J. 37(3):76. 1982. Basionym: *Gasteria squarrosa* (*Gasteria* sp. × *Haworthia* sp.).
- × *Gastroloba apicroides* (Baker) G. Rowley in Nat. Cact. Succ. J. 37(3):76. 1982. Basionym: *Gasteria apicroides* (*Astroloba* sp. × *Gasteria* sp.).
- Haworthia angustifolia* f. *baylissii* (C. Scott) M. Bayer, New Haworthia Handb. 26. 1982. Basionym: *Haworthia baylissii*.
- Haworthia attenuata* f. *britteniae* (Poelln.) M. Bayer, New Haworthia Handb. 63. 1982. Basionym: *Haworthia attenuata* var. *britteniae*.
- Haworthia bolusii* var. *blackbeardiana* (Poelln.) M. Bayer, New Haworthia Handb. 31. 1982. Basionym: *Haworthia blackbeardiana*.
- Haworthia pehlemanniae* C. Scott in Cact. Succ. J. (US) 54(2):70-71, ill. 1982. Typus: *C.L. Scott* 7450 (PRE).

- Haworthia reticulata* var. *hurlingii* (Poelln.) M. Bayer, New Haworthia Handb. 52. 1982. Basionym: *Haworthia hurlingii*.
- Haworthia retusa* var. *acuminata* (M. Bayer) M. Bayer, New Haworthia Handb. 53. 1982. Basionym: *Haworthia retusa* f. *acuminata*.
- Haworthia retusa* var. *dekenahii* (G.G. Smith) M. Bayer, New Haworthia Handb. 53. 1982. Basionym: *Haworthia dekenahii*.
- Haworthia venosa* ssp. *tessellata* (Haw.) M. Bayer, New Haworthia Handb. 76. 1982. Basionym: *Haworthia tessellata*.

## Portulacaceae

- Portulaca aurantiaca* G.R. Proctor in J. Arnold Arb. 63(3):237. 1982. Typus: *G.R. Proctor* 36519 (IJ).

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