



**Repertorium
Plantarum
Succulentarum
XXIX - 1978**

Repertorium Plantarum Succulentarum XXIX - 1978

an annual index of all new names of succulent plants

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NOMINA NOVA

Apocynaceae

- ***Adenium obesum** (Forsk.) Roem. & Schult. subsp. **boehmianum** (Schinz) Rowl., **comb.nov.** Syn. *A.boehmianum* Schinz in Verh.Bot.Ver. Brand.30: 259. 1888.
- ***Adenium obesum** (Forsk.) Roem. & Schult. subsp. **oleifolium** (Stapf) Rowl., **comb.nov.** Syn. *A.oleifolium* Stapf in Kew Bull.1907: 53 1907; *A.oleifolium* var. *angustifolium* Phillips; *A. lugardii* N.E.Br.; *A.somalense* var. *angustifolium* Rowl.
- ***Adenium obesum** (Forsk.) Roem. & Schult. subsp. **somalense** (Balf.f.) Rowl., **comb.nov.** Syn. *A.somalense* Balf.f. in Trans.Roy.Soc.Edinb.31: 162. 1888.
- ***Adenium obesum** (Forsk.) Roem. & Schult. subsp. **swazicum** (Stapf) Rowl., **comb.nov.** Syn. *A.swazicum* Stapf in Kew Bull. 1907: 53 1907; *A.boehmianum* var. *swazicum* Rowl.

Asclepiadaceae

- Brachystelma minimum** R.A.Dyer in Bothalia 12(3): 447. 1978.
- Brachystelma parvulum** R.A.Dyer in Bothalia 12(3): 447-448. 1978.
- Caralluma abayensis** Gilbert in Cact.Succ.J.Gt. Brit.40(2): 45-47. 1978.
- Caralluma circes** Gilbert in Cact.Succ.J.Gt.Brit. 40(2): 48-49. 1978.
- Caralluma gemofugana** Gilbert in Cact.Succ.J. Gt. Brit.40(2): 43-44, 46. 1978.
- Caralluma sarkariae** Lavr. & Frandsen in Cact. Succ.J.Amer.50(5): 211-213. 1978.
- Caralluma sprengeri** N.E.Br. ssp. **foetida** Gilbert in Cact.Succ.J.Gt.Brit.40(2): 41-43. 1978.
- Caralluma sprengeri** N.E.Br. ssp. **laticorona** Gilbert in Cact.Succ.J.Gt.Brit.40(2): 40-42. 1978.
- Caralluma sprengeri** N.E.Br. ssp. **ogadensis** Gilbert in Cact.Succ.J.Gt.Brit.40(2): 42-43. 1978.
- Carentilobae** Leach pro subsect. Vide *Orbea* Haw. sect. *Stultitia* (Phillips) Leach subsect. *Carentilobae* Leach.
- Ceropegia arenaria** R.A.Dyer in Bothalia 12(3): 444. 1978.
- Ceropegia cynniflora** R.A.Dyer in Bothalia 12(3): 444-445. 1978.
- Ceropegia occidentalis** R.A.Dyer in Bothalia 12(3): 445. 1978.
- Codonidium** Leach pro sect. Vide *Orbea* Haw. sect. *Codonidium* Leach.
- Confluentilobae** Leach pro subsect. Vide *Orbea* Haw. sect. *Stultitia* (Phillips) Leach subsect. *Confluentilobae* Leach.
- Exstantes** Leach pro subsect. Vide *Orbea* Haw. sect. *Orbea* subsect. *Exstantes* Leach.
- Inspissatae** Leach pro subsect. Vide *Orbea* Haw. sect. *Orbea* subsect. *Inspissatae* Leach.
- Librilobae** Leach pro subsect. Vide *Orbea* Haw. sect. *Stultitia* (Phillips) Leach subsect. *Librilobae* Leach.
- Orbea** Haw. sect. **Codonidium** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.paradoxa* (Verdoorn) Leach.
- Orbea** Haw. sect. **Orbea** subsect. **Exstantes** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.variegata* (L.) Haw.
- Orbea** Haw. sect. **Orbea** subsect. **Inspissatae** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.verrucosa* (Masson) Leach.
- Orbea** Haw. sect. **Stultitia** (Phillips) Leach in Excelsa Taxon. Series 1: 6. 1978. Syn. *Stultitia* Phillips in Fl.Pl.S.Afr.13: t.520. 1933. pro gen. Typ. *O.cooperi* (N.E.Br.) Leach.
- Orbea** Haw. sect. **Stultitia** (Phillips) Leach subsect. **Carentilobae** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.maculata* (N.E.Br.) Leach.
- Orbea** Haw. sect. **Stultitia** (Phillips) Leach subsect. **Confluentilobae** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.cooperi* (N.E.Br.) Leach.
- Orbea** Haw. sect. **Stultitia** (Phillips) Leach subsect. **Librilobae** Leach in Excelsa Taxon. Series 1: 6. 1978. Typ. *O.prognatha* (Bally) Leach.
- Orbea halipedicola** Leach in Excelsa Taxon. Series 1: 40. 1978.
- Orbea halipedicola** Leach subsp. **septentrionalis** Leach in Excelsa Taxon. Series 1: 43. 1978.
- Orbea irrorata** (Masson) Leach in Excelsa Taxon. Series 1: 27. 1978. Syn. *Stapelia irrorata* Masson, Stap.Nov., 12. 1796.
- Orbea maculata** (N.E.Br.) Leach in Excelsa Taxon. Series 1: 49. 1978. Syn. *Caralluma maculata* N.E.Br., Fl.Trop.Afr.4(1): 487. 1904.
- Orbea paradoxa** (Verdoorn) Leach in Excelsa Taxon. Series 1: 55. 1978. Syn. *Stultitia paradoxa* Verdoorn in Fl.Pl.S.Afr.17: t.677. 1937.
- Orbea rangeana** (Dinter & Berger) Leach in Excelsa Taxon. Series 1: 51. 1978. Syn. *Caralluma rangeana* Dinter & Berger in Bot.Jahrb. 50, Suppl.50: 591. 1914.
- Orbea speciosa** Leach in Excelsa Taxon. Series 1: 33. 1978.
- Orbea verrucosa** (Masson) Leach var. **fucosa** (N.E.Br.) Leach in Excelsa Taxon. Series 1: 25. 1978. Syn. *Stapelia fucosa* N.E.Br. in Fl.Cap. 4(1): 977. 1909.

*New name, validated here for the first time.

- Orbeanthus** Leach in *Excelsa Taxon*. Series 1: 71. 1978. Typ. *O.conjunctus* (White & Sloane) Leach.
- Orbeanthus conjunctus** (White & Sloane) Leach in *Excelsa Taxon*. Series 1: 73. 1978. Syn. *Stultitia conjuncta* White & Sloane in *Cact. Succ.J.Amer.* 10: 69. 1938.
- Orbeanthus hardyi** (R.A.Dyer) Leach in *Excelsa Taxon*. Series 1: 74. 1978. Syn. *Stultitia hardyi* R.A.Dyer in *Fl.Pl.Afr.*36: t.1403. 1964.
- Orbeopsis** Leach in *Excelsa Taxon*. Series 1: 61. 1978. Typ. *O.lutea* (N.E.Br.) Leach.
- Orbeopsis albocastanea** (Marl.) Leach in *Excelsa Taxon*. Series 1: 65. 1978. Syn. *Stapelia albocastanea* Marl. in *Trans.Roy.Soc. S.Afr.*3: 124. 1913.
- Orbeopsis caudata** (N.E.Br.) Leach in *Excelsa Taxon*. Series 1: 68. 1978. Syn. *Caralluma caudata* N.E.Br., *Fl.Trop.Afr.*4(2): 485. 1903.
- Orbeopsis caudata** (N.E.Br.) Leach subsp. *rhodesiaca* (Leach) Leach in *Excelsa Taxon*. Series 1: 68. 1978. Syn. *Caralluma caudata* N.E.Br. subsp. *rhodesiaca* Leach in *Bothalia* 11: 134. 1973.
- Orbeopsis gerstneri** (Letty) Leach in *Excelsa Taxon*. Series 1: 66. 1978. Syn. *Caralluma gerstneri* Letty in *Fl.Pl.S.Afr.*16: t.631. 1936.
- Orbeopsis gerstneri** (Letty) Leach subsp. *elongata* (R.A.Dyer) Leach in *Excelsa Taxon*. Series 1: 67. 1978. Syn. *Caralluma gerstneri* Letty subsp. *elongata* R.A.Dyer in *Fl.Pl.Afr.*40: t.1567. 1969.
- Orbeopsis gossweileri** (S.Moore) Leach in *Excelsa Taxon*. Series 1: 67. 1978. Syn. *Caralluma gossweileri* S.Moore in *J.Bot.*50: 367. 1912.
- Orbeopsis huillensis** (Hiern) Leach in *Excelsa Taxon*. Series 1: 68. 1978. Syn. *Caralluma huillensis* Hiern, *Cat.Welw.Afr.Pl.*1: 697. 1898.
- Orbeopsis knobelii** (Phillips) Leach in *Excelsa Taxon*. Series 1: 65. 1978. Syn. *Stapelia knobelii* Phillips in *Fl.Pl.S.Afr.*10: t.363. 1930.
- Orbeopsis lutea** (N.E.Br.) Leach in *Excelsa Taxon*. Series 1: 64. 1978. Syn. *Caralluma lutea* N.E.Br. in *Hook.Icon.Pl.*10: t.1901. 1891.
- Orbeopsis lutea** (N.E.Br.) Leach subsp. *vaga* (N.E.Br.) Leach in *Excelsa Taxon*. Series 1: 65. 1978. Syn. *Stapelia vaga* N.E.Br. in *Kew Bull.* 1895: 265. 1895.
- Orbeopsis melanantha** (Schlecht.) Leach in *Excelsa Taxon*. Series 1: 66. 1978. Syn. *Stapelia melanantha* Schlecht. in *Engl.Bot. Jahrb.*38: 50. 1905.
- Orbeopsis tsumebensis** (Oberm.) Leach in *Excelsa Taxon*. Series 1: 68. 1978. Syn. *Caralluma tsumebensis* Oberm. in White & Sloane, *Stapeliaceae*, ed.2, 3: 1163. 1937.
- Orbeopsis valida** (N.E.Br.) Leach in *Excelsa Taxon*. Series 1: 67. 1978. syn. *Caralluma valida* N.E.Br. in *Kew Bull.* 1895: 264. 1895.
- Pachycymbium** Leach in *Excelsa Taxon*. Series 1: 69. 1978. Typ. *P.keithii* (R.A.Dyer) Leach.
- Pachycymbium carnosum** (Stent) Leach in *Excelsa Taxon*. Series 1: 71. 1978. Syn. *Caralluma carnosum* Stent in *Kew Bull.*1916: 42. 1916.
- Pachycymbium keithii** (R.A.Dyer) Leach in *Excelsa Taxon*. Series 1: 71. 1978. Syn. *Caralluma keithii* R.A.Dyer in *Fl.Pl.S.Afr.*15: t.600. 1935.
- Pectinaria exasperata** Bruyns in *J.S.Afr.Bot.*44: 153. 1978.
- Sarcostemma resiliens** Adams & Holland in *Cact. Succ.J.Amer.*50(4): 166–167. 1978.
- Sarcostemma stolonifera** Adams & Holland in *Cact.Succ.J.Amer.*50(3): 110–111. 1978.
- Sarcostemma subterranea** Adams & Holland in *Cact.Succ.J.Amer.*50(3): 109–110. 1978.
- Stultitia** (Phillips) Leach pro sect. Vide *Orbea* Haw. sect. *Stultitia* (Phillips) Leach.

Cactaceae

- ‘Clarence Wright’ Vide *Epiphyllum* ‘Clarence Wright’.
- Coleocephalocereus estevesii** Diers in *Kakt.and. Sukk.*29(9): 201–205. 1978.
- Coryphantha grandis** Bremer in *Cact.Succ.J. Amer.* 50(3): 134–135. 1978.
- Coryphantha laredoi** Glass & Foster in *Cact. Succ. J.Amer.*50(5): 235–236. 1978.
- Coryphantha robbinsorum** (Earle) Zimm. in *Cact. Succ.J.Amer.*50(6): 294. 1978. Syn. *Cochiseia robbinsorum* Earle in *Sag.Bull.*30: 65. 1976; *Escobaria robbinsorum* Hunt.
- Discocactus estevesii** Diers in *Cact.Succ.J. Amer.* 50(2): 83–85, 94. 1978.
- Echinocereus knippelianus** Liebn. var. *kruegeri* Glass & Foster in *Cact.Succ.J.Amer.*50(2): 79–80. 1978.
- Echinocereus laui** (“*lauii*”) Frank in *Kakt.and. Sukk.*29(4): 74–77. 1978.
- Echinocereus nivosus** Glass & Foster in *Cact. Succ.J.Amer.*50(1): 18–19. 1978. Syn. ?*E. albatrus* Backeb., n.nud.; *E.albispinus* hort. nor Lahm.
- Echinocereus triglochidiatus** Engelm. var. *acifer* (Otto) Bravo in *Cact.Suc.Mex.*23(3): 66. 1978. Syn. *Cereus acifer* Otto ex S.D. *Cact.Hort. Dyck.* 1849: 189. 1850; *Echinocereus acifer* Lemaire.

- Echinocereus triglochidiatus** Engelm. var. **pacificus** (Engelm.) Bravo in Cact.Succ.Mex.23 (3): 66. 1978. Syn. *Cereus phoeniceus pacificus* Engelm. in W.Amer.Sci.2: 46. 1886; *Echinocereus pacificus* B. & R.
- Echinomastus laui** Frank & Zecher in Cact. Succ. J.Amer.50(4): 188–189. 1978.
- ***Echinopsis angelesii** (Kiesling) Rowl. **comb. nov.** Syn. *Trichocereus angelesii* Kiesling in Darwiniana 21(2–4): 314–315. 1978.
- Epiphyllum 'Clarence Wright'** P.C.Hutchison in Cact.Succ.J.Amer.50(5): 238. 1978. (*E. 'Reward' x E. 'Discovery'*).
- Epithelantha micromeris** B. & R. var. **bokei** (Benson) Glass & Foster in Cact.Succ. J.Amer.50 (4): 185, 1978. Syn. *E.bokei* Benson in l.c. 41: 185. 1969.
- Epithelantha micromeris** B. & R. var. **polycephala** (Backeb.) Glass & Foster in Cact.Succ.J.Amer. 50(4): 187. 1978. Syn. *E.polycephala* Backeb. in Cactus (Paris) no.39: 32; *ibid.* no.4: 62. 1954.
- Escobaria asperispina** (Boed.) D.R.Hunt in Cact. Succ. J. Gt. Brit. 40(1): 13. Syn. *Coryphantha asperispina* Boed. in Monatsschr. D.K.G.1: 192. 1929; *Neobesseya asperispina* Boed.
- Escobaria cubensis** (B. & R.) D.R.Hunt in Cact. Succ.J.Gt.Brit.40(1): 13. 1978. Syn. *Coryphantha cubensis* B. & R. in Torreya 12: 15. 1912; *Neobesseya cubensis* Hester.
- Escobaria dasyacantha** B. & R. var. **varicolor** (Tiegel) D.R.Hunt in Cact.Succ.J.Gt.Brit.40(1): 13, 1978; *ibid.* 40(2): 30. 1978. Syn. *Coryphantha varicolor* Tiegel in Monatsschr. D.K.G.4: 278. 1932; *C.dasyacantha* var. *varicolor* Benson.
- Escobaria minima** (Baird) D.R.Hunt in Cact. Succ. J.Gt.Brit.40(2): 30. 1978. Syn. *Coryphantha minima* Baird in Amer.Bot.37: 150. 1931.
- Escobaria missouriensis** (Sweet) D.R.Hunt in Cact.Succ.J.Gt.Brit.40(1): 13. 1978. Syn. *Mammillaria missouriensis* Sweet, Hort.Brit., 171. 1826; *Neobesseya missouriensis* B. & R.
- Escobaria missouriensis** (Sweet) D.R.Hunt var. **caespitosa** (Engelm.) D.R.Hunt in Cact.Succ.J. Gt.Brit.40(1): 13. 1978. Syn. *Mammillaria similis* Engelm. var. *caespitosa* Engelm. in Boston J.Nat.Hist.6: 200. 1850; *Neobesseya similis* B. & R.
- Escobaria missouriensis** (Sweet) D.R.Hunt var. **marstonii** (Clover) D.R.Hunt in Cact.Succ. J.Gt. Brit.40(1): 13. 1978. Syn. *Coryphantha marstonii* Clover in Bull.Torr.Bot.Club 65: 412. 1938; *C.missouriensis* var. *marstonii* Benson.
- Escobaria missouriensis** (Sweet) D.R.Hunt var. **robustior** (Engelm.) D.R.Hunt in Cact.Succ.J. Gt.Brit.40(1): 13. 1978. Syn. *Mammillaria similis* Engelm. var. *robustior* Engelm. in Boston J.Nat.Hist.6: 200. 1850; *Neobesseya wissmannii* B. & R.
- Escobaria robbinsorum** (Earle) D.R.Hunt in Cact. Succ.J.Gt.Brit.40(1): 13. 1978. Syn. *Cochiseia robbinsorum* Earle in Sag.Bull.30: 65. 1976.
- Escobaria sneedii** B. & R. var. **leei** (Rose ex Boed.) D.R.Hunt in Cact.Succ.J.Gt.Brit.40(2): 30. 1978. Syn. *E.leei* Rose ex Boed.Mamm. Vergl. Schluss., 17. 1933.; *Coryphantha sneedii* A. Berger var. *leei* Benson.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **alversonii** (Coulter) D.R.Hunt. in Cact.Succ.J.Gt.Brit.40 (1): 13. 1978. Syn. *Cactus radiosus alversonii* Coulter in Contr.U.S.Nat.Herb.3: 122. 1894.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **arizonica** (Engelm.) D.R.Hunt in Cact.Succ.J.Gt. Brit.40 (1): 13. 1978; *ibid.*40(2): 30. 1978. Syn. *Mammillaria arizonica* Engelm. Bot. Calif.1: 244. 1876; *Cactus radiosus arizonicus* Coulter.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **bisbeeana** (Orcutt) D.R.Hunt in Cact.Succ.J. Gt.Brit. 40(1): 13. 1978. Syn. *Coryphantha bisbeeana* Orcutt, Cactography, 3. 1926; *C. aggregata* B. & R. non *Mammillaria aggregata* Engelm.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **deserti** (Engelm.) D.R.Hunt in Cact.Succ.J.Gt.Brit.40 (1): 13. 1978. Syn. *Mammillaria deserti* Engelm. Bot.Calif.2: 449. 1880; *Cactus radiosus deserti* Coulter.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **radiosa** (Engelm.) D.R.Hunt in Cact.Succ.J.Gt.Brit.40 (1): 13. 1978. Syn. *Mammillaria radiosa* Engelm. in Boston J.Nat. Hist.6: 196. 1850; *M.vivipara* var. *radiosa* Engelm.
- Escobaria vivipara** (Nutt.) F.Buxb. var. **rosea** (Clokey) D.R.Hunt in Cact.Succ.J.Gt.Brit.40 (1): 13. 1978. Syn. *Coryphantha rosea* Clokey in Madroño 7: 75. 1943; *C.vivipara* var. *rosea* Benson.
- Espostoa senilis** (Ritt.) N.P.Taylor in Cact.Succ.J. Gt.Brit.40(2): 54. 1978. Syn. *Thrixanthocereus senilis* Ritter in Kakt.and.Sukk.12: 89. 1961.
- Gymnocactus subterraneus** Backeb. var. **zargosae** Glass & Foster in Cact.Succ.J.Amer. 50(6): 283. 1978.
- Gymnocactus viereckii** Backeb. var. **major** Glass & Foster in Cact.Succ.J.Amer.50(6): 285. 1978.
- Gymnocalycium buenekeri** Swales in Cact.Succ. J.Gt.Brit.40(4): 97–100. 1978. Syn. *G.horstii* var. *buenekeri* Buin. nom.nud.
- Mammillaria haudeana** Lau & Wagner in Kakt. and.Sukk.29(11): 250–253, 1978.
- Mammillaria meridiorosei** Castetter, Pierce & Schwerin in Cact.Succ.J.Amer.50(4): 176–178. 1978.
- Mammillaria prolifera** Haw. var. **arachnoidea** D.R.Hunt in Cact.Succ.J.Gt.Brit.40(1): 11. 1978.

*New name, validated here for the first time.

- Melocactus maxonii** Gürke var. **sanctae-rosae** Gomez in Brenesia 1977(10/11): 127-133. 1977.
- Mila caespitosa** B. & R. f. **albisaetacens** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.albisaetacens* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956.
- Mila caespitosa** B. & R. var. **alboareolata** (Akers) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.alboareolata* Akers in Fuauux Herb.Bull.5: 2-3. 1953.
- Mila caespitosa** B. & R. f. **breviseta** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.breviseta* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 12. 1956.
- Mila caespitosa** B. & R. f. **cereoides** ("ceroides") (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 61. 1978. Syn. *M.cereoides* Rauh & Backeb. in Backeb., Descr.Cact. Nov.I: 11. 1956.
- Mila caespitosa** B. & R. var. **densiseta** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.densiseta* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956.
- Mila caespitosa** B. & R. var. **fortalezensis** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 61. 1978. Syn. *M.fortalezensis* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956.
- Mila caespitosa** B. & R. f. **kubeana** (Backeb. & Werd.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.kubeana* Backeb. & Werd. in Neue Kakteen 1931: 83 (1931).
- Mila caespitosa** B. & R. f. **lurinensis** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.lurinensis* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956.
- Mila caespitosa** B. & R. ssp. **nealeana** (Backeb.) Donald in Ashingtonia 3(3-4): 62. 1978. Syn. *M.nealeana* Backeb., Blatt.f.Kakteenf.1934 (11): sine pag.1934.
- Mila caespitosa** B. & R. var. **pugionifera** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 61. 1978. Syn. *M.pugionifera* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956.
- Mila caespitosa** B. & R. f. **sublanata** (Rauh & Backeb.) Donald in Ashingtonia 3(3-4): 61. 1978. Syn. *M.sublanata* Rauh & Backeb. in Backeb., Descr.Cact.Nov.I: 11. 1956; *M.sublanata* var. *pallidior* Rauh & Backeb.; etc.
- Notocactus linkii** Hert. var. **flavispinus** Buin. & Bred. in Kakt.and.Sukk.29(2): 25-27. 1978.
- Notocactus roseiflorus** Schlosser & Bred. in Kakt. and.Sukk.29(12): 273-277. 1978.
- Parodia camblayana** Ritt. var. **rubra** F.Brandt in Cactus (ed. Hoofstadt) 9(6): 121-122. 1977.
- Parodia chirimoyarana** F.Brandt in Cact.Succ.J. Amer.50(1): 16-17. 1978.
- Parodia exquisita** F. Brandt in Kakt.Orch.Rundschau 1978(2): 44-46. 1978.
- Parodia hummeliana** Lau & Weskamp in Kakt. and.Sukk.29(10): 226-227. 1978.
- Parodia macednosa** F.Brandt in Cactus (ed. Hoofstadt) 9(3): 42-45. 1977.
- Parodia muhrii** F.Brandt in Kakt.Orch.Rundschau 1978(1): 14-17. 1978.
- Parodia pachysa** F.Brandt in Frankf.Kakteenfr.5 (4): 5-6. 1978
- Parodia zecheri** Vasquez in Kakt.and.Sukk.29 (3): 49-50. 1978.
- Pseudopilocereus juaruensis** Buin. & Bred. in Kakt.and.Sukk.29(7): 153-155. 1978.
- Pseudo-selenicereus** Innes, Complete Handbook of Cacti & Succulents, 31, 34. 1978, nom.nud.
- Pterocactus megliolii** Kiesling in Bol.Soc. Argentina Bot.14(1-2): 111-114. 1971.
- Pterocactus reticulatus** Kiesling in Bol.Soc. Argentina Bot.14(1-2): 114-116. 1971.
- Rebutia archibuiningiana** Ritter in Ashingtonia 3(1): 14-15. 1978.
- Rebutia carmeniana** Rausch in Kakt.and.Sukk. 29(5): 105-106. 1978.
- Rebutia cintiensis** Ritter in Ashingtonia 2(10): 206. 1978.
- Rebutia flavistyla** Ritter in Ashingtonia 3(1): 12. 1978.
- Rebutia nitida** Ritter in Ashingtonia 3(1): 14. 1978.
- Rebutia singularis** Ritter in Ashingtonia 3(1): 12-13. 1978.
- Rebutia tamboensis** Ritter in Ashingtonia 2(10): 207. 1978.
- Schlumbergera orssichiana** Barthlott & McMillan in Cact.Succ.J.Amer.50(1): 30-34. 1978.
- Selenicereus atropilosus** Kimmach in Cact.Succ. J.Amer.50(6): 268-270. 1978.
- Selenicereus rizzinii** Scheinvar in Rev.Bras.Biol. 34(2): 249-256. 1974.
- Sulcorebutia tarijensis** Ritter in Ashingtonia 3 (1): 13. 1978.
- Thelocactus mutadae** Sanchez-Mejorada & Lau in Cact.Suc.Mex.23(3): 49, 51-53. 1978.
- Trichocereus angelesii** Kiesling in Darwiniana 21(2-4): 314-315. 1978.
- Trichocereus huascha** B. & R. var. **pecheretianus** (Backeb.) Kiesling in Darwiniana 21(2-4): 299. 1978. Syn. *Helianthocereus pecheretianus* Backeb. in Cactus 10(46-47): 278. 1955, sine typ.
- Trichocereus rowleyi** (Friedr.) Kiesling in Darwiniana 21(2-4): 295-296. 1978. Syn. *Echinopsis rowley* Friedr. in I.O.S. Bull.3(3): 97. 1974; *Lobivia grandiflora* B. & R.; *Helianthocereus grandiflorus* Backeb.
- Weberocereus imitans** (Kimm. & Hutchison) F.Buxb. in Succulenta 57(6): 125. 1978. Syn. *Werckleocereus imitans* Kimm. & Hutchison in Cac.Succ.J.Amer.28: 154. 1956; *Eccremocactus imitans* Kimm.; *Cryptocereus imitans* Backeb.
- Weberocereus rosei** (Kimm.) F.Buxb. in Succulenta 57(6): 125. 1978. Syn. *Eccremocactus rosei* Kimm. in Cact.Succ.J.Amer.34: 80. 1962.
- Werckleocereus glaber** B. & R. var. **mirandae** (Bravo) Kimmach in Cact.Succ.J.Amer.50(6): 270. 1978. Syn. *Selenicereus mirandae* Bravo in Cact.Suc.Mex.12: 52. 1967.

- Weingartia aglaia** Brandt in Cactus (ed. Hoofstadt) 10(3): 54–56. 1978.
- Weingartia alba** (Rausch) F.Brandt in Frankf. Kakteenfr.5(2): 17. 1978. Syn. *Sulcorebutia alba* Rausch in Succulenta 50: 94–96. 1971.
- Weingartia breviflora** (Backeb.) F.Brandt in Frankf.Kakteenfr.5(2): 17. 1978. Syn. *Rebutia brachyantha* Card. non Buin.& Donald; *Sulcorebutia breviflora* Backeb., Das Kakteenlexikon, 414. 1966.
- Weingartia canigueralii** (Card.) F.Brandt in Frankf.Kakteenfr.5(2): 17. 1978. Syn. *Rebutia canigueralii* Card. in Cact.Succ.J.Amer.36: 26–27. 1964; *Sulcorebutia canigueralii* Buin. & Donald.
- Weingartia cardenasiana** (Vasq.) F.Brandt in Frankf.Kakteenfr.5(2): 17. 1978. Syn. *Sulcorebutia cardenasiana* Vasq. in Kakt.u.a.Sukk.26: 49. 1975.
- Weingartia crispata** (Rausch) F.Brandt in Frankf.Kakteenfr.5(2): 18. 1978. Syn. *Sulcorebutia crispata* Rausch in Kakt.u.a.Sukk.21: 103. 1970.
- Weingartia cylindrica** (Donald) F.Brandt in Kakt. Orch.Rundschau 1978, Sonderheft S2: 40. 1978. Syn. *Sulcorebutia cylindrica* Donald in Ashingtonia 1: 55–57. 1974.
- Weingartia frankiana** (Rausch) F.Brandt in Kakt. Orch.Rundschau 1978(5): 95, 1978. Syn. *Sulcorebutia frankiana* Rausch in Kakt.u.a.Sukk.21: 104–105. 1970.
- Weingartia glomerispina** (Card.) F.Brandt. in Frankf.Kakteenfr.5(2): 18. 1978. Syn. *Rebutia glomerispina* Card. in Cact.Succ.J.Amer.36: 40. 1964; *Sulcorebutia glomerispina* Buin. & Donald.
- Weingartia haseltonii** (Card.) F.Brandt in Kakt. Orch.Rundschau 1978(5): 95. 1978. Syn. *Rebutia haseltonii* Card. in Cact.Succ.J.Amer. 38: 143. 1966; *Sulcorebutia haseltonii* Donald.
- Weingartia krahonii** (Rausch) F.Brandt in Kakt. Orch.Rundschau 1978, Sonderheft S2: 40. 1978. Syn. *Sulcorebutia krahonii* Rausch in Kakt.u.a. Sukk.21: 104. 1970.
- Weingartia losenickyana** (Rausch) F.Brandt in Frankf.Kakteenfr.5(2): 18. 1978. Syn. *Sulcorebutia losenickyana* Rausch in Kakt.u.a.Sukk. 25: 49–50. 1974.
- Weingartia markusii** (Rausch) F.Brandt in Frankf. Kakteenfr.5(2): 18. 1978. Syn. *Sulcorebutia markusii* Rausch in Kakt.u.a.Sukk.21: 103–104. 1970.
- Weingartia nigro-fusca** F.Brandt in Cactus (ed. Hoofstadt) 10(6): 113–116. 1978.
- Weingartia pulchra** (Card.) F.Brandt (“*pulchra*”) in Kakt.Orch.Rundschau 1978(5): 95. 1978. Syn. *Rebutia pulchra* (“*pulchra*”) Card. in Cact. Succ.J.Amer.42: 38–39. 1970; *Sulcorebutia pulchra* (“*pulchra*”) Donald.
- Weingartia rauschii** (Frank) F.Brandt in Kakt. Orch.Rundschau 1978(5): 95. 1978. Syn. *Sulcorebutia rauschii* Frank in Kakt.u.a. Sukk.20: 238–239. 1969.
- Weingartia ritteri** F.Brandt (“*ritterii*”) in Kakt. Orch.Rundschau 1978(3): 75–77. 1978.
- Weingartia tarijensis** F.Brandt in Kakt.Orch. Rundschau 1978(5): 92–94. 1978.
- Weingartia trollii** Oeser in Kakt.and.Sukk.29(6): 129–131. 1978.
- Weingartia tunariensis** (Card.) F.Brandt in Kakt. Orch.Rundschau 1978(5): 95. 1978. Syn. *Rebutia tunariensis* Card. in Cact.Succ.J.Amer. 36: 38–40. 1964; *Sulcorebutia tunariensis* Buin. & Donald.

Crassulaceae

- Adromischus cristatus** (Haw.) Lem. var. *zeyheri* (Harv.) Toelken in Bothalia 12(3): 390. 1978. Syn. *Cotyledon zeyheri* Harv., Fl.Cap.2: 377. 1862.
- Adromischus cristatus** (Haw.) Lem. var. *clavifolius* (Haw.) Toelken in Bothalia 12(3): 390. 1978. Syn. *Cotyledon clavifolia* Haw. in Phil. Mag.274. 1827.
- Adromischus cristatus** (Haw.) Lem. var. *schonlandii* (Phill.) Toelken in Bothalia 12(3): 390. 1978. Syn. *Cotyledon schonlandii* Phill. in Fl. Pl.Afr.9: t.328. 1929.
- Adromischus fallax** Toelken in Bothalia 12(3): 387. 1978.
- Adromischus filicaulis** (Eckl.& Zeyh.) C.A. Smith subsp. *marlothii* (Schoenl.) Toelken in Bothalia 12(3): 385. 1978. Syn. *Cotyledon marlothii* Schoenl. in Rec.Albany Mus.1: 59. 1903.
- Adromischus inamoenus** Toelken in Bothalia 12(3): 388. 1978.
- Adromischus marianae** (Marl.) A.Berger var. *hallii* (P.C.Hutchison) Toelken in Bothalia 12(3): 391. 1978. Syn. *Adromischus hallii* P.C. Hutchison in Cact.Succ.J.Amer.28: 144. 1956.
- Adromischus marianae** (Marl.) A.Berger var. *kubusensis* (Uitew.) Toelken in Bothalia 12(3): 391. 1978. Syn. *Adromischus kubusensis* Uitew. in Succulenta 1953: 7. 1953.
- Adromischus schuldianus** (Poelln.) Poelln. subsp. *juttae* (Poelln.) Toelken in Bothalia 12(3): 386. 1978. Syn. *Adromischus juttae* Poelln. in Kakteenkunde: 52. 1939.
- Adromischus subviridis** Toelken in Bothalia 12(3): 391. 1978.
- Adromischus umbraticola** C.A.Smith subsp. *ramosa* Toelken in Bothalia 12(3): 386. 1978.

- Crassula alticola** Fernandes in Bol.Soc.Brot.52: 182–186. 1978.
- Crassula atropurpurea** Dietr. var. **muirii** (Schoenl.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *C.clavifolia* Harv. [var.] *muirii* Schoenl. in Trans.Roy.Soc.S.Afr.17: 263. 1929; *C.atropurpurea* var. *rubella* Toelk.
- Crassula campestris** Walp. ssp. **rhodesica** (Merxm.) Fernandes in Bol.Soc.Brot.52: 168. 1978. Syn. *C.pharnaceoides* ssp. *rhodesica* Merxm. in Mitt. Bot.Staatss.München 1(3): 82. 1951; *C.campestris* ssp. *pharnaceoides* Toelken; *Tillaea pentandra* p.p., etc.
- Crassula cooperi** Regel var. **subnodulosa** Fernandes in Bol.Soc.Brot.52: 188–189. 1978.
- Crassula expansa** Dry. var. **longifolia** Fernandes in Bol.Soc.Brot.52: 178. 1978.
- Crassula fragilis** Bak. var. **suborbicularis** Fernandes in Bol.Soc.Brot.52: 181–2. 1978.
- Crassula globularioides** Britten forma **longiciliata** (“*longeciliata*”) Fernandes in Bol.Soc. Brot.52: 192. 1978.
- Crassula globularioides** Britten forma **pilosa** Fernandes in Bol.Soc.Brot.52: 191–192. 1978.
- ***Crassula x langleyensis** (Veitch) Rowl., **comb. nov.** Syn. x *Kalorochea langleyensis* Veitch in J.Roy.Hort.Soc.22: cxviii, cxlvi, 1898; *ibid.* 24: 33, 1900; x *Rocheassula langleyensis* (Veitch) Rowl.; *Crassula coccinea* L. x *C.perfoliata* L. v. *falcata* Toelk.
- Crassula maputensis** Fernandes in Bol.Soc.Brot. 52: 178–181. 1978. Syn. *C.expansa* Schoenl. non Dry.
- Crassula muscosa** L. var. **obtusifolia** (Harv.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *C.lycopodioides* Lam. var. *obtusifolia* Harv., Fl.Cap.2: 351. 1861; *C.muscosa* var. *rigida* Toelk.
- Crassula muscosa** L. var. **polpodacea** (Harv.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *C.lycopodioides* Lam. var. *polpodacea* Harv. Fl.Cap.2: 351. 1861; *C.muscosa* var. *sinuata* Toelk.
- Crassula natans** Thunb. var. **minus** (Eckl.& Zeyh.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *Helophytum natans* Eckl.& Zeyh. var. *minus* Eckl.& Zeyh., Enum.288. 1837; *C.natans* var. *filiformis* Toelk.
- Crassula nodulosa** Schoenl. var. **longisepala** Fernandes in Bol.Soc.Brot.52: 190–191. 1978. Syn. *C.nodulosa* sensu Gill. non Schoenl., etc.
- Crassula nodulosa** Schoenl. var. **nodulosa** forma **rhodesica** Fernandes in Bol.Soc.Brot.52: 189–190. 1978.
- Crassula perfoliata** L. var. **coccinea** (Sweet) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *Rochea perfoliata* DC. var. *coccinea* Sweet Hort. Brit. ed. 2, 224. 1830; *C.perfoliata* var. *miniata* Toelk.
- Crassula perfoliata** L. var. **minor** (Haw.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *Larochea falcata* Pers. β . *minor* Haw., Rev. Pl.Succ., 5: 1821; *C.perfoliata* var. *falcata* Toelk.
- Crassula sarcocaulis** Eckl.& Zeyh. ssp. **rupicola** Toelk. var. **mlanjiana** Fernandes in Bol.Soc. Brot. 52: 186–188. 1978.
- Crassula schimperi** Fisch.& Mey. var. **illecebroides** (“*illecebroioides*”) (Welw.ex Hiern) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *Tillaea subulata* Britt. var. *illecebroides* Welw. ex Hiern, Cat.Afr.Pl.Welw.1: 325. 1896; *C.schimperi* var. *lanceolata* Toelk.
- Crassula schimperi** Fisch.& Mey. ssp. **phyturus** (Mildbr.) Fernandes in Bol.Soc.Brot.52: 172. 1978. Syn. *C.phyturus* Mildbr. in Notizbl.Bot. Gart.Berl.8: 227. 1922; *C.parvifolia* Bruce; *C.pentandra* var. *phyturus* Heddb.; *C.parvula* sensu Suess. & Merxm. non alia.
- Crassula schimperi** Fisch.& Mey. ssp. **transvaalensis** (O.Ktze.) Fernandes in Bol.Soc.Brot. 52: 172–173. 1978. Syn. *Sedum transvaalense* O.Ktze, Rev.Gen.Pl.3(2): 85. 1898; *Crassula transvaalensis* K.Schum.
- Crassula schimperi** Fisch.& Mey. ssp. **transvaalensis** Fernandes forma **abbreviata** Fernandes in Bol.Soc.Brot.52: 174. 1978.
- Crassula schimperi** Fisch.& Mey. ssp. **transvaalensis** Fern. var. **denticulata** (Brenan) Fernandes in Bol.Soc.Brot.52: 175. 1978. Syn. *C.pentandra* var. *denticulata* Brenan in Mem.N. Y.Bot.Gard.8(5): 434. 1954.
- Crassula schimperi** Fisch.& Mey. ssp. **transvaalensis** Fernandes var. **illecebroides** (Welw. ex Hiern) Fernandes in Bol.Soc.Brot.52: 175–176. 1978. Syn. *Tillaea subulata* var. *illecebroides* Welw. ex Hiern, Cat.Afr.Pl.Welw.1: 325. 1896.
- Crassula schimperi** Fisch.& Mey. ssp. **transvaalensis** Fernandes var. **illecebroides** forma **filamentosa** (Schoenl.) Fernandes in Bol.Soc. Brot.52: 177. 1978. Syn. *C.filamentosa* Schoenl. in Ann.Bolus Herb.2: 63. 1917; *C.muscosa* sensu Harvey non L.; *C.campestris* f. *laxa* Schoenl.; *C.schimperi* var. *lanceolata* Toelk., etc.
- Crassula setulosa** Harv. forma **latipetala** Fernandes in Bol.Soc.Brot.52: 188. 1978.
- Crassula setulosa** Harv. var. **rubra** (N.E.Br.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *C.curta* N.E.Br. var. *rubra* N.E.Br. in Kew Bull.1895: 145. 1895; *C.setulosa* var. *curta* Schoenl.
- Crassula swaziensis** Schoenl. ssp. **brachycarpa** Fernandes in Bol.Soc.Brot.52: 197–198. 1978. Syn. *C.argyrophylla* Schoenl. p.p.
- Crassula swaziensis** Schoenl. ssp. **swaziensis** var. **guruensis** Fernandes in Bol.Soc.Brot.52: 194–195. 1978.
- Crassula swaziensis** Schoenl. ssp. **swaziensis** var. **guruensis** Fernandes forma **brevipilosa** Fernandes (“*brevepilosa*”) in Bol.Soc.Brot.52: 195–196. 1978.

*New name, validated here for the first time.

- Crassula swaziensis** Schoenl. ssp. **swaziensis** forma **argyrophylla** (Diels ex Schoenl. & Bak.f.) Fernandes in Bol.Soc.Brot.52: 193–194. 1978. Syn. *C. argyrophylla* Diels ex Schoenl. & Bak.f. in J.Bot.40: 290. 1902; *C. globularioides* ssp. *argyrophylla* Toelk., etc.
- Crassula swaziensis** Schoenl. ssp. **swaziensis** var. **zombensis** (Bak.f.) Fernandes in Bol.Soc. Brot. 52: 196–197. 1978. Syn. *C. zombensis* Bak.f. in Kew Bull.1897: 266. 1897.
- Crassula tomentosa** Thunb. var. **glabrifolia** (Harv.) Rowl. in Cact.Succ.J.Gt.Brit.40(2): 53. 1978. Syn. *C. interrupta* Mey. var. *glabrifolia* Schoenl. in Trans.Roy.Soc.S.Afr.17: 267. 1929; *C. tomentosa* var. *interrupta* Toelk.
- Dudleya campanulata** Moran in Cact.Succ.J. Amer.50(1): 20–22. 1978.
- Echeveria 'Phyllis Collis'** Carruthers in Nat. Cact.Succ.J.33(1): 5. 1978. (*E. subrigida* Rose x *affinis* Walth.).
- Echeveria prolifica** Moran & Meyran in Cact. Succ.J.Amer.50(6): 289–291. 1978.
- Echeveria 'Tingdene'** Carruthers in Nat.Cact. Succ.J.33(1): 5. 1978. (*E. subrigida* Rose x *affinis* Walth.).
- Graptoveria 'Debbi'** Glass & Foster in Cact. Succ. J.Amer.50(2): 78. 1978. Syn. *Graptopetalum amethystinum* Walth. x *Echeveria* sp.
- Kalanchoe chimaniensis** Fernandes in Bol. Soc.Brot.52: 202–204. 1978.
- Kalanchoe crenata** Haw. ssp. **nyassensis** Fernandes in Bol.Soc.Brot.52: 199–200. 1978.
- Kalanchoe lobata** Fernandes in Bol.Soc.Brot.52: 200–201. 1978.
- Kalanchoe luciae** Hamet ssp. **montana** (Compt.) Toelk. in J.S.Afr.Bot.44(1): 89. 1978. Syn. *K. montana* Compt. in l.c. 33: 295. 1967.
- Kalanchoe neglecta** Toelk. in J.S.Afr.Bot.44(1): 90. 1978. Syn. *K. rotundifolia* var. *peltata* Hamet, nom.nud.
- Kalanchoe rotundifolia** Haw. forma **peltata** Hamet ex Fernandes in Bol.Soc.Brot.52: 208. 1978. Syn. *K. neglecta* Toelk. in J.S.Afr.Bot.44 (1): 90. 1978; *K. rotundifolia* Haw. var. *peltata* Hamet, nom.nud.
- Kalanchoe rotundifolia** Haw. forma **tripartita** Hamet ex Fernandes in Bol.Soc.Brot.52: 207–208. 1978. Syn. *K. rotundifolia* Haw. var. *tripartita* Hamet, nom.nud.
- Kalanchoe rubinea** Toelk. in J.S.Afr.Bot.44(1): 90–91. 1978. Syn. *K. longiflora* hort. non Wood.
- Kalanchoe wildii** Hamet ex Fernandes in Bol. Soc. Brot.52: 204–207. 1978. Syn. *K. aleurodes* sensu Suess. & Merxm. non Stearn in Trans. Rhodes. Sci.Ass.43: 15. 1951; *K. wildii* Hamet, nom.nud.
- Sedum antiquum** Omelcz & Zaverucha in Ukr. Bot. Zhurn.35(2): 180–184. 1978.
- Sedum calcicola** Rob. & Gr. ssp. **desertorum** Clausen in Bull.Torrey Bot.Club 105(3): 220. 1978.
- Sedum greggii** Hemsl. ssp. **angustifolium** Clausen in Bull.Torrey Bot.Club 105(3): 222. 1978.
- Sedum guadalajaranum** S.Wats. ssp. **viridifolium** Clausen in Bull.Torrey Bot.Club 105(3): 220. 1978.
- Sedum multiflorum** Clausen in Bull.Torrey Bot. Club 105(3): 220–221. 1978.
- Sedum parvum** Hemsl. ssp. **dendroides** Clausen in Bull.Torrey Bot.Club 105(3): 223. 1978.
- Sedum parvum** Hemsl. ssp. **nanifolium** (Froed.) Clausen in Bull.Torrey Bot.Club 105(3): 223. 1978. Syn. *S. nanifolium* Froed. in Acta Horti Gotob.10: App.96. 1936.
- Sedum reptans** Clausen in Bull.Torrey Bot.Club 105(3): 222–223. 1978.
- Sedum suaveolens** Kimmach in Cact.Succ.J. Amer. 50(1): 3–7. 1978.
- Sedum trichromum** Clausen in Bull.Torrey Bot. Club 105(3): 221–222. 1978.
- Sempervivum ciliosum** Craib var. **galicicum** A.C.Smith in J.Semp.Soc.9(3): 77–79. 1978.
- Sempervivum pisidicum** Pesmen & Güner in Notes Roy.Bot.Gdn.Edinb.36(1): 37. 1978.
- Tylecodon** Toelken in Bothalia 12(3): 378. 1978. Typ. *T. cacalioides* (L.f.) Toelken.
- Tylecodon buchholzianus** (Schuldt & Steph.) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon buchholziana* Schuldt & Steph. in Kakteenkunde: 111. 1937.
- Tylecodon cacalioides** (L.f.) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon cacalioides* L.f., Suppl., 242. 1781.
- Tylecodon decipiens** Toelken in Bothalia 12(3): 379. 1978.
- Tylecodon faucium** (Poelln.) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon faucium* Poelln. in Feddes Repert.50: 323. 1941.
- Tylecodon fragilis** (R.A.Dyer) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon fragilis* R.A. Dyer in Fl.Pl.Afr.41: t.1631. 1971.
- Tylecodon grandiflorus** (Burm.f.) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon grandiflora* Burm.f., Prodr.Fl.Cap.13. 1768.
- Tylecodon hallii** (Toelken) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon hallii* Toelken in Bothalia 12: 193. 1977.
- Tylecodon hirtifolium** (W.F.Barker) Toelken in Bothalia 12(3): 379. 1978. Syn. *Cotyledon hirtifolium* W.F.Barker in Fl.Pl.Afr.18: t.690. 1938.
- Tylecodon leucothrix** (C.A.Smith) Toelken in Bothalia 12(3): 379. 1978. Syn. *Adromischus leucothrix* C.A.Smith in Bothalia 3: 637. 1939.
- Tylecodon occultans** (Toelken) Toelken in Bothalia 12(3): 380. 1978. Syn. *Cotyledon occultans* Toelken in Bothalia 12: 191. 1977.
- Tylecodon paniculatus** (L.f.) Toelken in Bothalia 12(3): 380. 1978. Syn. *Cotyledon paniculata* L.f., Suppl.242. 1781.

- Tylecodon pearsonii** (Schoenl.) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon pearsonii* Schoenl. in *Ann.S.Afr.Mus.*9: 55. 1932.
- Tylecodon pygmaeus** (W.F.Barker) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon pygmaea* W.F.Barker in *Fl.Pl.Afr.*10: t.396. 1930.
- Tylecodon pygmaeus** (W.F.Barker) Toelken var. **tenuis** (Toelken) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon pygmaea* W.F. Barker var. *tenuis* Toelken in *Bothalia* 12: 192. 1977.
- Tylecodon racemosus** (Harv.) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon racemosa* Harv., *Fl.Cap.*2: 375. 1862.
- Tylecodon reticulatus** (L.f.) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon reticulata* L.f., *Suppl.*, 242. 1781.
- Tylecodon reticulatus** (L.f.) Toelken subsp. **phyllopodium** Toelken in *Bothalia* 12(3): 380. 1978.
- Tylecodon rubrovenosus** (Dinter) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon rubrovenosa* Dinter in *Feddes Repert.*30: 194. 1932.
- Tylecodon schaeferanus** (Dinter) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon schaeferana* Dinter in *Feddes Repert.*19: 145. 1923.
- Tylecodon similis** (Toelken) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon similis* Toelken in *Bothalia* 12: 192. 1977.
- Tylecodon singularis** (R.A.Dyer) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon singularis* R.A.Dyer in *Fl.Pl.Afr.*41: t.1606. 1970.
- Tylecodon striatus** (P.C.Hutchison) Toelken in *Bothalia* 12(3): 380. 1978. Syn. *Cotyledon striata* P.C.Hutchison in *Cact.Succ.J.Amer.*36: 16. 1964.
- Tylecodon suffultus** Bruyns ex Toelken in *Bothalia* 12(3): 380. 1978.
- Tylecodon sulphureus** (Toelken) Toelken in *Bothalia* 12(3): 381. 1978. Syn. *Cotyledon sulphurea* Toelken in *Bothalia* 12: 191. 1977.
- Tylecodon torulosus** Toelken in *Bothalia* 12(3): 381. 1978.
- Tylecodon tuberosus** Toelken in *Bothalia* 12(3): 381. 1978.
- Tylecodon ventricosus** (Burm.f.) Toelken in *Bothalia* 12(3): 382. 1978. Syn. *Cotyledon ventricosa* Burm.f., *Prodr.Fl.Cap.*13. 1768.
- Tylecodon viridiflorus** (Toelken) Toelken in *Bothalia* 12(3): 382. 1978. Syn. *Cotyledon viridiflora* Toelken in *Bothalia* 12: 193. 1977.
- Tylecodon wallichii** (Harv.) Toelken in *Bothalia* 12(3): 382. 1978. Syn. *Cotyledon wallichii* Harv., *Fl.Cap.*2: 374. 1862.
- Tylecodon wallichii** (Harv.) Toelken subsp. **ecklonianus** (Harv.) Toelken in *Bothalia* 12(3): 382. 1978. Syn. *Cotyledon eckloniana* Harv., *Fl.Cap.*2: 374. 1862.

Euphorbiaceae

- Euphorbia cap-saintemariensis** Rauh var. **tularensis** Rauh in *Cact.Succ.J.Amer.*50(6): 263–265. 1978.
- Euphorbia horwoodii** Carter & Lavranos in *Cact. Succ.J.Amer.*50(1): 25–29. 1978.

Liliaceae

- Aloe 'Bonnie'** Koeleman in *Aloe* 16(1): 48. 1978. (*A.excelsa* x *A.candelabrum*).
- Aloe 'Franck'** Koeleman in *Aloe* 16(1): 47. 1978. (*A.marlothii* x *A.thraskii*)
- Aloe patersonii** Mathew in *Kew Bull.*32(2): 321–322. 1978.
- Aloe 'Vrystaat'** Koeleman in *Aloe* 16(1): 48. 1978. (*A.rupestris* x [*A.marlothii* x *A.sessiliflora*])
- Bulbine alata** Baijnath in *Brunonia* 1(1): 117–120. 1978.

Mesembryanthemaceae

- Carpobrotus praecox** (F.Muell.) Rowl. in *Nat. Cact.Succ.J.*33(1): 9. 1978. Syn. *Mesembryanthemum praecox* F.Mueller in *Linnaea* 25: 384. 1852; *Sarcozona praecox* Blake; *S.pulleinei* Black; *Carpobrotus pulleinei* Black.
- Conophytum** N.E.Br. subg. **Oophytum** (N.E.Br.) Rowl. in *Nat.Cact.Succ.J.*33(1): 7. 1978. Syn. *Oophytum* N.E.Br. in *Gard.Chron.* 78: 413. 1925; 79: 40. 1926, pro gen.; Typ. *C.oviforme* N.E.Br.

- Conophytum** N.E.Br. subg. **Ophthalmophyllum** (Dint.& Schwant.) Rowl. in Nat.Cact.Succ.J. 33(1): 7. 1978. Syn. *Ophthalmophyllum* Dinter & Schwantes in Zeitschr.f.Sukk.3: 21–22. 1927, pro gen.; Typ. *C.friedrichiae* Schwant.
- Conophytum concordans** Rowl. in Nat.Cact. Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum villetii* L.Bol. in J.S.Afr.Bot.28: 225. 1962; non *Conophytum villetii* L.Bol.
- Conophytum devium** Rowl. in Nat.Cact.Succ.J. 33(1): 7. 1978. Syn. *Ophthalmophyllum littlewoodii* L.Bol. in J.S.Afr.Bot.28: 223. 1962; non *Conophytum littlewoodii* L.Bol.
- Conophytum discrepans** Rowl. in Nat.Cact. Succ. J.33(1): 7. 1978. Syn. *Ophthalmophyllum latum* Tischer in Cact.Succ.J.Gt.Brit. 20: 33, 35. 1958; non *Conophytum latum* L. Bol
- Conophytum discrepans** Rowl. f. **rubrum** (Tisch.) Rowl. in Nat.Cact.Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum latum* var. *rubrum* Tischer in Cact. Succ.J.Gt.Brit.20: 33. 1958.
- Conophytum discretum** Rowl. in Nat.Cact.Succ. J. 33(1): 7. 1978. Syn. *Ophthalmophyllum fulleri* Lavis in Bolus Notes on Mes.2: 472. 1934; non *Conophytum fulleri* L. Bol.
- Conophytum haramoepense** (L.Bol.) Rowl. in Nat.Cact.Succ.J.33(1): 7. 1978. syn. *Ophthalmophyllum haramoepense* L.Bol. in J.S.Afr. Bot. 28: 226. 1962.
- Conophytum lydiae** (Jacobsen) Rowl. in Nat. Cact. Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum lydiae* Jacobsen in Sukkulantenkunde 2: 35. 1948.
- Conophytum mutatum** Rowl. in Nat.Cact.Succ. J. 33(1): 7. 1978. Syn. *Oophytum nordenstamii* L.Bol. in J.S.Afr.Bot.28: 291. 1962; non *Conophytum nordenstamii* L.Bol.
- Conophytum noctiflorum** (L.Bol.) Rowl. in Nat. Cact.Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum noctiflorum* L.Bol. in J.S.Afr.Bot.29: 135. 1963.
- Conophytum pubescens** (Tisch.) Rowl. in Nat. Cact.Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum pubescens* Tischer in Kakt.and.Sukk. 1938: 34. 1938.
- Conophytum rawei** Rowl. in Nat.Cact.Succ.J. 33(1): 7. 1978. Syn. *Ophthalmophyllum longitubum* L.Bol. in J.S.Afr.Bot.28: 224. 1962; non *Conophytum longitubum* L.Bol.
- Conophytum renominatum** Rowl. in Nat.Cact. Succ.J.33(1): 7. 1978. Syn. *Ophthalmophyllum vanheerdei* L.Bol. in J.S.Afr.Bot.,28: 225. 1962; non *Conophytum vanheerdei* Tisch.
- Conophytum rescriptum** Rowl. in Nat.Cact. Succ. J.33(1): 7. 1978. Syn. *Mesembryanthemum nanum* Schlechter in Engl.Bot.Jahrb. 27: 128. 1900; *Oophytum nanum* L.Bol.; non *Conophytum nanum* Tisch.
- Conophytum restitutum** Rowl. in Nat.Cact. Succ. J.33(1): 8. 1978. Syn. *Ophthalmophyllum schlechteri* Schwant. in Jacobsen Die Sukkulenten, 168. 1933; non *Conophytum schlechteri* Schwant.
- Conophytum schwantesii** Rowl. in Nat.Cact. Succ. J.33(1): 8. 1978. Syn. *Ophthalmophyllum triebneri* Schwantes in Kakteenkunde 1934. 60; non *Conophytum triebneri* Schwant.
- Conophytum singulare** Rowl. in Nat.Cact.Succ. J. 33(1): 8. 1978. Syn. *Ophthalmophyllum australe* L.Bol. in Notes Mes.3: 335. 1958; non *Conophytum australe* L.Bol.
- Conophytum spathulatum** (L.Bol.) Rowl. in Nat. Cact.Succ.J.33(1): 8. 1978. Syn. *Ophthalmophyllum spathulatum* L.Bol. in J.S.Afr.Bot. 28: 226. 1962.
- Conophytum verrucosum** (Lavis) Rowl. in Nat. Cact.Succ.J.33(1): 8. 1978. Syn. *Ophthalmophyllum verrucosum* Lavis in Bolus, Notes Mes.2: 473. 1935.
- Diplosoma insignis** (N.E.Br.) Rowl. in Nat. Cact.Succ.J.33(1): 8. 1978. Syn. *Maughania insignis* N.E.Br. in Cact.Succ.J.Amer.2: 389–390. 1930.; *Monilaria luckhoffii* L.Bol.
- Drosanthemum jacobsenii** Rowl. in Nat.Cact. Succ.J.33(1): 8. 1978. Syn. *Jacobsenia hallii* L.Bol., Notes Mes.3: 329. 1958; non *Drosanthemum hallii* L.Bol.
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- Lampranthus alpinus** (L.Bol.) Rowl. in Nat. Cact.Succ.J.33(1): 8. 1978. Syn. *Esterhuysenia alpina* L.Bol. in J.S.Afr.Bot.33: 308–309. 1967.
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- Nananthus acutus** (L.Bol.) Rowl. in Nat.Cact. Succ.J.33(1): 6. 1978. Syn. *Aloinopsis acuta* L.Bol., Notes Mes.3: 294. 1958.
- Nananthus hilmarii** (L.Bol.) Rowl. in Nat.Cact. Succ.J.33(1): 6. 1978. Syn. *Cheiridopsis hilmarii* L.Bol., Notes Mes.2: 315. 1932; *Aloinopsis hilmarii* L.Bol.
- Nananthus lesliei** (N.E.Br.) Rowl. in Nat.Cact. Succ.J.33(1): 6. 1978. Syn. *Rabiea lesliei* N.E.Br. in Gard.Chron.89: 54. 1931.
- Nananthus rosulatus** (Kensit) Rowl. in Nat. Cact.Succ.J.33(1): 6. 1978. Syn. *Mesembryanthemum rosulatum* Kensit in Trans.Roy. Soc.S.Afr.1: 152. 1909; *Aloinopsis rosulata* Schwant., etc.

- Nananthus setiferus** (L.Bol.) Rowl. in Nat.Cact. Succ.J.33(1): 6. 1978. Syn. *Titanopsis setifera* L.Bol., Notes Mes.2: 416. 1933; *Aloinopsis setifera* L.Bol.
- Nananthus spathulatus** (Thunb.) Rowl. in Nat. Cact.Succ.J.33(1): 6. 1978. Syn. *Mesembryanthemum spathulatum* Thunberg in Nov. Acad.Leop.-Car.Ephem.8, Append.5. 1791; *Aloinopsis spathulata* L.Bol., etc.
- Nananthus tersus** ("tersa") (N.E.Br.) Rowl. in Nat.Cact.Succ.J.33(1): 6. 1978. Syn. *Rabiea tersa* N.E.Br. in Gard.Chron.89: 53. 1931.
- Nananthus thudichumii** (L.Bol.) Rowl. in Nat. Cact.Succ.J.33(1): 6. 1978. Syn. *Aloinopsis thudichumii* L.Bol., Notes Mes.3: 261-262. 1954.
- Oophytum** (N.E.Br.) Rowl. pro subg. Vide *Conophytum* subg. *Oophytum*.
- Ophthalmophyllum** (Dint.& Schwant.) Rowl. pro subg. Vide *Conophytum* subg. *Ophthalmophyllum*.
- Ruschia abrupta** (A.Berger) Rowl. in Nat.Cact. Succ.J.33(1): 8. 1978. Syn. *Mesembryanthemum abruptum* A.Berger in Engl.Bot.Jahrb. 57: 638 1922; *Octopoma abruptum* N.E.Br.
- Ruschia amphibolia** Rowl. in Nat.Cact.Succ. J.33(1): 7. 1978. Syn. *Stoeberia hallii* L.Bol. in J.S.Afr.Bot.26: 161. 1960; *Amphibolia hallii* L.Bol.; non *Ruschia hallii* L.Bol.
- Ruschia dissimilis** Rowl. in Nat.Cact.Succ.J. 33(1): 7 & ibid.33(3): 62. 1978. Syn. *Amphibolia stayneri* L.Bol. ex Toelken & Jessop in Bothalia 12: 64. 1976; non *Ruschia stayneri* L.Bol.
- Ruschia gydouwensis** (L.Bol.) Rowl. in Nat. Cact.Succ.J.33(1): 7. 1978. Syn. *Lampranthus gydouwensis* L.Bol. in J.S.Afr.Bot.29: 13. 1963; *Amphibolia gydouwensis* L.Bol.
- Ruschia maritima** (L.Bol. ex Toelk.& Jess.) Rowl. in Nat.Cact.Succ.J.33(1): 7 & ibid.33(3): 62. 1978. Syn. *Amphibolia maritima* L.Bol. ex Toelken & Jessop in Bothalia 12: 64. 1976.
- Ruschia monticola** (Sond.) Rowl. in Nat.Cact. Succ.J.33(1): 8 & ibid.33(3): 62. 1978. Syn. *Mesembryanthemum monticulum* Sonder in Fl.Cap.2: 428. 1862; *Ottosonderia monticola* L.Bol.
- Ruschia mutata** Rowl. in Nat.Cact.Succ. J.33(1): 7. 1978. Syn. *Stoeberia littlewoodii* L.Bol. in J.S.Afr.Bot.26: 162-163. 1960; *Amphibolia littlewoodii* L.Bol.; non *Ruschia littlewoodii* L.Bol.
- Ruschia octonaria** (L.Bol.) Rowl. in Nat.Cact. Succ.J.33(1): 8. 1978. Syn. *Mesembryanthemum octonaria* L.Bol. in Fl.Pl.S.Afr.7: t.271. 1927; *Enarganthe octonaria* N.E.Br.
- Ruschia ottosonderi** Rowl. in Nat.Cact.Succ. J.33(1): 8 & ibid.33(3): 62. 1978. Syn. *Ottosonderia obtusa* L.Bol., Notes Mes.3 ("2"): 293-294. 1958; non *Ruschia obtusa* L.Bol.
- Ruschia restituta** Rowl. in Nat.Cact.Succ.J. 33(1): 8. 1978. Syn. *Mesembryanthemum inclusum* L.Bol. in Ann.Bot.Herb.4: 40-41. 1926; *Octopoma inclusum* N.E.Br.; non *Ruschia inclusa* L.Bol.
- Ruschia scopelogenae** Rowl. in Nat.Cact.Succ. J.33(1): 9. 1978. Syn. *Scopelogenae gracilis* L.Bol. in J.S.Afr.Bot.28: 10-11. 1962; non *Ruschia gracilis* L.Bol.
- Ruschia viridis** (Haw.) Rowl. in Nat.Cact.Succ. J.33(1): 9. 1978. Syn. *Mesembryanthemum viride* Haworth, Obs.Mes., 314. 1795; *M. integrum* L.Bol.; *Ruschia integra* Schwant. etc.

Piperaceae

- Peperomia dolabriformis** H.B.K. var. **brachyphylla** Rauh in Kakt.and.Sukk.29(1): 5-6. 1978.
- Peperomia trollii** Hutchison & Rauh in Kakt. and.Sukk.29(1): 1-5. 1978.

Nomina Nuda 1978

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