

# South African National Plant Checklist

## Report on additions and updates made to the South African National Plant Checklist during the period 10/2013–3/2018

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Report compiled  
on 28/3/2018  
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## Names added

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### ACANTHACEAE

#### ACANTHODIUM DELILE

- Acanthodium capense* (L.f.) Nees var. *a* Nees, Prodr. [A. P. de Candolle] 11: 276 (1847) = ***Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)**
- Acanthodium capense* (L.f.) Nees var. *b* Nees, Prodr. [A. P. de Candolle] 11: 276 (1847) = ***Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)**
- Acanthodium capense* (L.f.) Nees var. *integrifolium* Nees, Prodr. [A. P. de Candolle] 11: 277 (1847); Type: South Africa, Cape Province, "montis Konabshooyde inter Konab et Vischrivier". Not traced. = ***Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)**
- Acanthodium capense* (L.f.) Nees var. *leucographum* Nees, Linnaea 15: 361 (1841); Type: South Africa, Ecklon & Zeyher 99.12 (S, lecto.; BOL, O, S, W, isolecto.). Designated by Vollesen, *Blepharis* a taxonomic revision: 72 (2000). = ***Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)**
- Acanthodium capense* (L.f.) Nees var. *villosum* Nees, Linnaea 15: 361 (1841); Type: South Africa, Ecklon & Zeyher 44.5(S, lecto.). Designated by Vollesen, *Blepharis* a taxonomic revision: 72 (2000). = ***Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)**
- Acanthodium carduifolium* (L.f.) Nees, Prodr. [A. P. de Candolle] 11: 278 (1847) = ***Acanthopsis carduifolia* (L.f.) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 200 (1890)**
- Acanthodium dipsaceum* E.Mey., Zwei Pflanzengeogr. Docum. (Drège): 92 (1843), nom.nud. = ***Acanthopsis disperma* Nees, Prodr. [A. P. de Candolle] 11: 278 (1847)**
- Acanthodium dispernum* E.Mey., Cat. Pl. Afr. Austral. (Drège): 2 (1837), nom.nud. = ***Acanthopsis disperma* Nees, Prodr. [A. P. de Candolle] 11: 278 (1847)**
- Acanthodium diversispinum* Nees var. *a* Nees, Prodr. [A. P. de Candolle] 11: 275 (1847) = ***Blepharis serrulata* (Nees) Ficalho & Hiern, Trans. Linn. Soc. London, Bot. 2(1): 24 (1881)**
- Acanthodium glabrum* Nees, Prodr. [A. P. de Candolle] 11: 278 (1847) = ***Acanthopsis glabra* (Nees) H.M.Steyn, Phytotaxa 324(2): 104 (2017)**
- Acanthodium glaucum* E.Mey. ex Nees, Prodr. [A. P. de Candolle] 11: 277 (1847) = ***Acanthopsis glauca* (E.Mey. ex Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 201 (1890)**
- Acanthodium plumolosum* E.Mey. ex Nees, Prodr. [A. P. de Candolle] 11: 278 (1847), orth. var., nom.nud. = ***Acanthopsis horrida* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 278 (1847)**
- Acanthodium plumosum* E.Mey., in Drege, Catalogus plantarum exsiccatarum Africae australioris quas emturis offert: 2 (1837), nom.nud. = ***Acanthopsis horrida* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 278 (1847)**
- Acanthodium spathulare* Nees, Prodr. [A. P. de Candolle] 11: 277 (1847) = ***Acanthopsis spathularis* (Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 201 (1890)**

#### ACANTHOPSIS HARV.

- Acanthopsis carduifolia* (L.f.) Schinz var. *glabra* (Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 200 (1890) = ***Acanthopsis glabra* (Nees) H.M.Steyn, Phytotaxa 324(2): 104 (2017)**
- Acanthopsis dispermoides* H.M.Steyn, Phytotaxa 219(1): 23 (2015); Type: South Africa. Western Cape: Little Karoo. Eastern foothills of Warmwaterberg, 21 August 1971, Boucher 1560 (PRE 40576) (PRE0129553, holo.; NBG0274662, iso.)
- Acanthopsis dregeana* H.M.Steyn, Phytotaxa 244(2): 155 (2016); Type: South Africa. Northern Cape: Namaqualand District, NW of Eksteenfontein, 16 September 2010, Steyn 1822 (PRE0861475-0, holo.; NBG, iso.)

- Acanthopsis dregeana* H.M.Steyn subsp. *dregeana*  
*Acanthopsis dregeana* H.M.Steyn subsp. *longispina* H.M.Steyn, Phytotaxa 295(3): 210 (2017);  
 Type: South Africa. Northern Cape: Namaqualand District, N of Buffelsrivier, 11 October 2015, Steyn 2141 (PRE0866195-0, holo.; NBG, iso.)  
*Acanthopsis erosa* H.M.Steyn, Phytotaxa 244(2): 155 (2016); Type: South Africa. Northern Cape: Calvinia District, SW of Kaggakammaskloof, 20 August 2011, Steyn 1874 (PRE0861469, holo.; KMG, iso.)  
*Acanthopsis glabra* (Nees) H.M.Steyn, Phytotaxa 324(2): 104 (2017); Type: South Africa. Northern Cape: Little Namaqualand, Kamies Bergen. [Am Berg bei Kasparskloof, fide Drège (1843)], 19 August 1830, Drège s.n. (K000394342, lecto.) Lectotype designated by Steyn & Van Wyk, Phytotaxa 324(2): 104 (2017).  
*Acanthopsis gladulopalmata* H.M.Steyn, Phytotaxa 324(2): 113 (2017); Type: South Africa. Northern Cape: Namaqualand District. On track between Anenous/Kosies to Umdaus in Wyepoort River Valley, 25 August 2012, H.M. Steyn 1890 (PRE0861467, holo.; NBG01461963, iso.)  
*Acanthopsis insueta* H.M.Steyn, Phytotaxa 324(2): 115 (2017); Type: South Africa. Northern Cape: Namaqualand District. Richtersveld National Park. Vyftienmylberg; on track to top of mountain, 7 September 2010, H.M. Steyn 1805, (PRE0861485, holo.; NBG, iso.)  
*Acanthopsis ludoviciana* H.M.Steyn, Phytotaxa 219(1): 10 (2015); Type: South Africa. Northern Cape: Richtersveld National Park, Helskloof Pass, 3 September 2012, M. Koekemoer 4370 (PRE0861488, holo.; KMG, NBG, iso.)  
*Acanthopsis nitida* H.M.Steyn, Phytotaxa 324(2): 111 (2017); Type: South Africa. Northern Cape: Namaqualand District. Anenous Pass, S of road, 9 October 2015, H.M. Steyn 2129, (PRE0866187, holo., NBG, iso.)  
*Acanthopsis tetragona* H.M.Steyn, Phytotaxa 295(3): 212 (2017); Type: South Africa. Northern Cape: Namaqualand District, Richtersveld, 8 August 2011, Steyn 1848 (PRE0861471-0, holo.; NBG, iso.)  
*Acanthopsis tetragona* H.M.Steyn subsp. *pedunculata* H.M.Steyn, Phytotaxa 295(3): 214 (2017); Type: South Africa. Northern Cape: Namaqualand District, NW of Eksteenfontein, 11 October 2015, Steyn 2144 (PRE0866198-0, holo.; NBG, iso.)  
*Acanthopsis tetragona* H.M.Steyn subsp. *tetragona*  
*Acanthopsis tuba* H.M.Steyn, Phytotaxa 219(1): 8 (2015); Type: South Africa. Northern Cape: Little Namaqualand, Steinkopf District. Flats at Anenous, 20 August 1925, Marloth 12222 (PRE0129530, holo.; PRE0863286, NBG0274649, iso.)  
*Acanthopsis villosa* H.M.Steyn, Phytotaxa 219(1): 14 (2015); Type: South Africa. Northern Cape: Namaqualand District. Boesmanplaat, along a turn-off to the west of the road between Gamoep and Platbakkies, 16 August 2013, M. Koekemoer 4398 (PRE0863486, holo.; NBG, iso.)

## ACANTHUS L.

- Acanthus carduiifolius* Thunb., Cat. Pl. Afr. Austral. (Drège) 2: 2 (1837), nom.nud. = *Acanthopsis carduiifolia* (L.f.) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 200 (1890)  
*Acanthus carduiifolius* Thunb.  $\beta$  *spica villosa* E.Mey., [name written on specimen] sensu Drège 2433 (P) = *Acanthopsis villosa* H.M.Steyn, Phytotaxa 219(1): 14 (2015)  
*Acanthus flamandii* De Wild., Bull. Jard. Bot. État Bruxelles 4: 427 (1914); Type: Congo-Kinshasa, Kiamohanga, Flamand s.n. (BR, holo.) = *Acanthus polystachyus* Delile, Cent. Pl. Meroe: 72, t. 62, f. 2 (1826), Vollesen's spelling of the epithet as "polystachius" is considered a correctable error.  
*Acanthus glaber* E.Mey., Zwei Pflanzengeogr. Docum. (Drège): 67, 161 (1843), nom.nud. = *Acanthopsis glabra* (Nees) H.M.Steyn, Phytotaxa 324(2): 104 (2017)  
*Acanthus glaucescens* E.Mey., Zwei Pflanzengeogr. Docum. (Drège): 95 (1843), nom.nud. = *Acanthopsis glauca* (E.Mey. ex Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 201 (1890)

## **ADHATODA MILL.**

- Adhatoda betonica* (L.) Nees, Pl. Asiat. Rar. (Wallich). 3: 103 (1899) = *Justicia betonica* L., Sp. Pl. 1: 15 (1753)
- Adhatoda capensis* (Thunb.) Nees, Prodr. [A. P. de Candolle] 11: 396 (1847) = *Justicia capensis* Thunb., Prodr. Pl. Cap. 2: 104 (1800)
- Adhatoda cheiranthifolia* Nees, Prodr. [A. P. de Candolle] 11: 387 (1847); Type: South Africa, Gauteng, Magaliesberg, n.d., Burke 327 (K, holo.) = *Justicia betonica* L., Sp. Pl. 1: 15 (1753)
- Adhatoda eylesii* S.Moore, J. Bot. 48: 253 (1910) = *Isoglossa eylesii* (S.Moore) Brummitt, Kew Bull. 40(4): 787 (1985)
- Adhatoda fasciata* Nees, Prodr. [A. P. de Candolle] 11: 402 (1847); Type: South Africa, KwaZulu-Natal, Umgeni Rover, 1837, Drege s.n. (K, lecto.) Lectotype designated by Vollesen, Fl. Zam 8(6): 179 (2015) = *Justicia flava* (Vahl) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)
- Adhatoda incana* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 393 (1847) = *Justicia incana* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 42 (1863)
- Adhatoda lupulina* Nees, Prodr. [A. P. de Candolle] 11: 385 (1847); Type: South Africa, KwaZulu-Natal, Umlozi Rover, 1837, Drege s.n. (K, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 185 (2015) = *Justicia betonica* L., Sp. Pl. 1: 15 (1753)
- Adhatoda odora* (Forssk.) Nees, Prodr. [A. P. de Candolle] 11: 399 (1847) = *Justicia odora* (Forssk.) Lam., Encycl. [J. Lamarck & al.] 1(2): 629 (1785)
- Adhatoda protracta* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 390 (1847) = *Justicia protracta* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)
- Adhatoda tubulosa* E.Mey. ex Nees, Prodr. [A.P. de Candolle] 11: 392 (1847) = *Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *tubulosa*
- Adhatoda variegata* Nees var. *pallidior* Nees, Prodr. [A. P. de Candolle] 11: 385 (1847); Type: South Africa, Gauteng, Aapies River, n.d., Burke 514 (K, holo.; PRE, iso.) = *Justicia betonica* L., Sp. Pl. 1: 15 (1753)

## **BARLERIA L.**

- Barleria affinis* C.B.Clarke subsp. *affinis*
- Barleria burchelliana* Nees, Prodr. [A. P. de Candolle] 11: 235 (1847); Type: South Africa, Vet (Fat) River, 3/1848, Burke 457 (K 000394589, lecto.; K 000394588, isolecto.) [cited in error as Burchell 457 in protologue] Lectotype designated by Darbyshire, Flora Zambesiaca 8(6): 76 (2015). = *Barleria macrostegia* Nees, Prodr. [A. P. de Candolle] 11: 235 (1847)
- Barleria elegans* S.Moore ex C.B.Clarke subsp. *orientalis* I.Darbysh., Fl. Zambes. 8(6): 45 (2015); Type: Mozambique, Maputo, 2/4/1947, Hornby 2640 (K, holo.; BM, LM?, PRE, iso.)
- Barleria heterotricha* Lindau subsp. *heterotricha*
- Barleria holubii* C.B.Clarke subsp. *holubii*
- Barleria ilicina* E.Mey. ex T.Anderson, J. Proc. Linn. Soc., Bot. 7: 28 (1863); Type: South Africa, Garip River, 19/9/1830, Drege s.n. (S, holo.) = *Barleria rigida* Nees, Prodr. [A. P. de Candolle] 11: 242 (1847)
- Barleria obtusa* Nees var. *cymulosa* Hochst., Flora 28: 72 (1845); Type: South Africa, Uitenhage, 4/1839, Krauss s.n. (M, lecto.) Lectotype designated by Darbyshire, Flora Zambesiaca 8(6): 78 (2015). = *Barleria obtusa* Nees, Linnaea 15: 358 (1841)
- Barleria spinulosa* Klotzsch subsp. *spinulosa*
- Barleria taitensis* S.Moore, J. Bot. 40: 343 (1902); Type: Kenya, Kiumbi (Makindu) River, 14/4/1902, Kassner 600 (BM, holo.; K, MO, iso.)
- Barleria taitensis* S.Moore subsp. *rogersii* (S.Moore) I.Darbysh., Fl. Zambes. 8(6): 87 (2015); Type: Zimbabwe, Hwange, 5/1915, Rogers 13239 (BM, holo.; BOL, iso.)

## **BLEPHARACANTHUS NEES**

*Blepharacanthus capensis* (L.f.) Nees, Nat. Syst. Bot. (Lindley), ed. 2: 444 (1836) = *Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806)

*Blepharacanthus carduifolius* (L.f.) Nees, Nomencl. Bot. [Steudel], ed. 2. 1: 209 (1840) = *Acanthopsis carduifolia* (L.f.) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 200 (1890)

## **BLEPHARIS JUSS.**

*Blepharis carduifolia* (L.f.) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 35 (1863) = *Acanthopsis carduifolia* (L.f.) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 200 (1890)

*Blepharis carduifolia* (L.f.) T.Anderson var. *glabra* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 35 (1863) = *Acanthopsis glabra* (Nees) H.M.Steyn, Phytotaxa 324(2): 104 (2017)

*Blepharis dilatata* C.B.Clarke var. *explicator* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 32 (1901); Type: South Africa, Rehmann 4100 (Z, lecto.; BM, K, Z, isolecto.). Designated by Vollesen, *Blepharis* a taxonomic revision: 58 (2000). = *Blepharis subvolubilis* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 31 (1901)

*Blepharis spinosa* E.Phillips var. *spinosa* Oberm., Ann. Transv. Mus. 19: 123 (1937); Type: South Africa, Rehmann 6711 (K, lecto.; BM, Z, isolecto.). Designated by Vollesen, *Blepharis* a taxonomic revision: 52 (2000). = *Blepharis spinosa* E.Phillips, Ann. S. African Mus. 16: 231 (1917)

*Blepharis glauca* (E.Mey. ex Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 36 (1863) = *Acanthopsis glauca* (E.Mey. ex Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 201 (1890)

*Blepharis spathularis* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 35 (1864) = *Acanthopsis spathularis* (Nees) Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 201 (1890)

*Blepharis stainbankiae* C.B.Clarke var. *explicator* (C.B.Clarke) Oberm., Ann. Transv. Mus. 19: 122(1937) = *Blepharis subvolubilis* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 31 (1901)

## **CALOPHANES D.DON**

*Calophanes crenata* Schinz, Bull. Herb. Boissier 3: 415 (1895); Type: South Africa, KwaZulu-Natal, Phoenix Station, 14/7/1893, Wood 4967 p.p. (excl specimen at K =Dyschoriste nagchana) (B†, holo.; BM, iso.) = *Asystasia mysorensis* (Roth) T.Anderson, J. Linn. Soc., Bot. 9: 524 (1867)

## **DIANTHERA L.**

*Dianthera flava* Vahl, Symb. Bot. (Vahl) 1: 5 (1790) = *Justicia flava* (Vahl) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)

*Dianthera malabarica* L.f., Suppl. Pl.: 85 (1782), nom. superfl.; Type as for *Dianthera bicalyculata* Retz. = *Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007)

*Dianthera odora* Forssk., Fl. Aegypt.-Arab.: 8 (1775) = *Justicia odora* (Forssk.) Lam., Encycl. [J. Lamarck & al.] 1(2): 629 (1785)

*Dianthera verticillata* Forssk., Fl. Aegypt.-Arab.: 9 (1775) = *Dicliptera verticillata* (Forssk.) C.Chr., Dansk Bot. Ark. 4(3): 11 (1922)

## **DIAPEDIUM K.D.KOENIG**

*Diapedium clinopodium* (Nees) Kuntze, Revis. Gen. Pl. 2: 485 (1891) = *Dicliptera clinopodia* Nees, Prodr. [A. P. de Candolle] 11: 483 (1847)

*Diapedium clinopodium* (Nees) Kuntze var. *minor* S.Moore, J. Bot. 40: 385 (1902); Type: South Africa, KwaZulu-Natal, Isandhlwana, 1901, Pateshall Thomas s.n. (BM, holo.) = *Dicliptera clinopodia* Nees, Prodr. [A. P. de Candolle] 11: 483 (1847)

## **DICLIPTERA JUSS.**

*Dicliptera cernua* (Hook.f. ex Nees) I.Darbysh., Fl. Zambes. 8(6): 291 (2015), nom.superfl. =

*Dicliptera cernua* (Hook.f. ex Nees) J.C.Manning & Goldblatt, *Strelitzia* 29: 789 (2012)

*Dicliptera decorticans* (K.Balkwill) I.Darbysh., Kew Bull. 62(1): 123 (2007); Type: South Africa, Northern Province, Louis Trichardt Dist., beside N1, at gate to Plaas Marius, north of Wylliespoort, fl. & fr. 12/5/1983, K. Balkwill 801 (J, holo.; E, K, NU, PRE, iso.)

*Dicliptera gillilandiorum* (K.Balkwill) I.Darbysh., Kew Bull. 62(1): 123 (2007); Type: South Africa, Northern Province, Dongola, Farm Schroda, fl. 15/3/1948, Bruce 58 (PRE, holo.; K, iso.)

*Dicliptera minor* C.B.Clarke subsp. *divaricata* (Compton) I.Darbysh., Fl. Zambes. 8(6): 274 (2015); Type: Swaziland, Ingwavuma Poort, fl. 6/3/1959, Compton 28614 (NBG, holo.; PRE, iso.)

*Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007); Type: Yemen, Forsskal 385 (C, microfiche 38: III. 3 - 4, lecto.; K, photo.). Lectotype designated by Wood et al., Kew Bull. 38: 451 (1983).

*Dicliptera umbellata* (Vahl) Juss., Ann. Mus. Natl. Hist. Nat. 9: 268 (1807) = *Dicliptera verticillata* (Forssk.) C.Chr., Dansk Bot. Ark. 4(3): 11 (1922)

## **DILIVARIA COMM. EX A.JUSS.**

*Dilivaria horrida* Nees, Linnaea 15: 363 (1841) = *Acanthopsis horrida* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 278 (1847)

## **DIPTERACANTHUS NEES**

*Dipteracanthus cordifolius* Nees, Linnaea 15: 354 (1841); Type: South Africa, Uitenhage, Ecklon & Zeyher (B, holo.†) = *Ruellia cordata* Thunb., Prodr. Pl. Cap. 2: 104 (1800)

*Dipteracanthus zeyheri* Sond., Linnaea 23: 90 (1850) = *Ruellia pilosa* L.f., Suppl. Pl.: 290 (1782)

## **DYSCHORISTE NEES**

*Dyschoriste setigera* (Pers.) Vollesen, Fl. Zambes. 8(5): 135 (2013), nom. superfl. = *Dyschoriste setigera* (Pers.) J.C.Manning & Goldblatt, *Strelitzia* 29: 789 (2012)

## **ECTEINANTHUS T.ANDERSON**

*Ecteinanthus divaricatus* T.Anderson, J. Proc. Linn. Soc., Bot. 7: 45 (1863); Types: South Africa, Uitenhage and Albany, Ecklon & Zeyher s.n. (K, syn.); Durban (Port Natal), Gueinzus s.n. (syn. not traced) = *Isoglossa ciliata* (Nees) Engl., Bot. Jahrb. Syst. 10(3): 265 (1888)

## **ERANTHEMUM L.**

*Eranthemum hildebrandtii* (Lindau) C.B.Clarke, Fl. Trop. Afr. [Oliver et al.] 5(1): 172 (1899) = *Pseuderanthemum hildebrandtii* Lindau, Bot. Jahrb. Syst. 20(1-2): 39 (1894)

## **GENDARUSSA NEES**

*Gendarussa capensis* (Thunb.) Nees, Linnaea 15: 366 (1841) = *Justicia capensis* Thunb., Prodr. Pl. Cap. 2: 104 (1800)

*Gendarussa mollis* Hochst., Flora 28: 71 (1845); Type: South Africa, KwaZulu-Natal, between Umlazi River and Durban Bay, 1840, Krauss 61 (K, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 199 (2015) = *Justicia protracta* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)

*Gendarussa protracta* Nees, Linnaea 15: 371 (1841) = *Justicia protracta* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)

*Gendarussa prunellaefolia* Hochst., Flora 28: 71 (1845); Type: South Africa, Durban Bay, 1840, Krauss 304 (K, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 199 (2015) = ***Justicia protracta* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)**

## **ISOGLOSSA OERST.**

*Isoglossa glandulosissima* K.Balkwill, Novon 23(1): 79 (2014); Type: South Africa, Mpumalanga, farm Weltevreden 229JU (Pullen Farm), c. 34 km SE of Nelspruit, 23-2-1898, K. Balkwill & M.-J. Balkwill 4287 (J, holo.; E, K, MO, PRE, iso.)

*Isoglossa gracilentia* K.Balkwill, S. Afr. J. Bot. 108: 69 (2017); Type: South Africa, Eastern Cape, Alexandria district (3325): Zuurberg Pass, N of Zuurberg Inn, 7 May 2009, Balkwill & Joubert 12365 (J, holo.; B, E, K, M, MO, OSH, RSA, iso.)

*Isoglossa pondoensis* K.Balkwill, S. Afr. J. Bot. 108: 76 (2017); Type: South Africa, Eastern Cape, Port St Johns, road from Mthatha to Hluleka, 28 Apr. 2009, Balkwill & Joubert 12352 (J, holo.; B, C, CM, E, J, K, M, MO, OSH, RSA, iso.)

## **JUSTICIA L.**

*Justicia aconitiflora* (A.Meeuse) Vollesen, Fl. Zambes. 8(6): 175 (2015), nom.superfl.; Type: South Africa, Mpumalanga, Barberton, 12 km S of Komatipoort, Komati River, 21-4-1953, Codd 7778 (PRE, holo.; K, iso.) = ***Justicia aconitiflora* (A.Meeuse) Cubey, Hanburyana 1: 15 (2006)**

*Justicia aconitiflora* (A.Meeuse) Cubey, Hanburyana 1: 15 (2006); Type: South Africa, Mpumalanga, Barberton, 12 km S of Komatipoort, Komati River, 21-4-1953, Codd 7778 (PRE, holo.; K, iso.)

*Justicia adhatodoides* (E.Mey. ex Nees) V.A.W.Graham, Kew Bull. 43(4): 584 (1988)

*Justicia andromeda* (Lindau) J.C.Manning & Goldblatt, Bothalia 44(1): 45 (2014), nom.inval., incorrect basionym publication cited

*Justicia australis* (P.G.Mey.) Vollesen, Fl. Zambes. 8(6): 219 (2015); Type: Namibia, Gibeon Distr., Habies Farm, 7-4-1956m Volk 12244 (M, holo.)

*Justicia bicalyculata* (Retz.) Vahl, Symb. Bot. (Vahl) 2: 13 (1791) = ***Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007)**

*Justicia bracteata* (Hochst.) Zarb, Rapport sp. bot. Pfund: 32 (1879); Type: Sudan, Kordofan, Tejata, 19-11-1939, Kotschy 261 (TUB, holo.; GZU, HBG, K, M, MPU, S, STU, US, iso.)

*Justicia crassiradix* C.B.Clarke var. *hispidia* C.B.Clarke, Fl. Trop. Afr. [Oliver et al.] 5(1): 210 (1899); Type: Malawi, Shire Highlands, 7-1885, Buchanan 461 (K, lecto.) Lectotype designated by Ensermu, Symb. Bot. Ups. 29(2): 52 (1990) = ***Justicia anagalloides* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 42 (1863)**

*Justicia crassiuscula* (P.G.Mey.) J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014)

*Justicia cuspidata* Vahl, Symb. Bot. (Vahl) 2: 9 (1791), nom. illegit.; Type as for *Dianthera verticillata* Forssk. = ***Dicliptera verticillata* (Forssk.) C.Chr., Dansk Bot. Ark. 4(3): 11 (1922)**

*Justicia debilis* (Forssk.) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)

*Justicia debilis* (Forssk.) Vahl var. *angustifolia* (Nees) Oliv., Trans. Linn. Soc. Lond. 29: 129 (1873) = ***Justicia bracteata* (Hochst.) Zarb, Rapport sp. bot. Pfund: 32 (1879)**

*Justicia densiflora* (Hochst.) J.C.Manning & Goldblatt, Bothalia 44(1): 45 (2014), non (Oerst.) V.A.W.Graham (1988) = ***Justicia natalensis* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 38 (1863)**

*Justicia divaricata* (Licht. ex Roem. & Schult.) T.Anderson, J. Linn. Soc., Bot. 7: 42 (1863), as '(Nees) T.Anderson', nom.superfl.; Type: South Africa, Northern Cape, Groote Poort, n.d., Hoffmanssegg s.n., (B, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 216 (2015) = ***Justicia divaricata* Licht. ex Roem. & Schult., Syst. Veg. 1: (1817)**

- Justicia divaricata* Licht. ex Roem. & Schult., Syst. Veg. 1: (1817); Type: South Africa, Northern Cape, Groote Poort, n.d., Hoffmansegg s.n., (B, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 216 (2015)
- Justicia dregei* J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014), nom. nov. pro *Monechma mollissimum* (Nees) P.G.Mey. (1957), non *Justicia mollissima* (Nees) Y.F.Deng & T.F.Daniel (2011)
- Justicia fasciata* (Nees) T.Anderson, J. Linn. Soc., Bot. 7: 39 (1963) = ***Justicia flava* (Vahl) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)**
- Justicia genistifolia* Engl. subsp. *australe* (P.G.Mey.) J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014) = ***Justicia australis* (P.G.Mey.) Vollesen, Fl. Zambes. 8(6): 219 (2015)**
- Justicia karroica* J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014), nom. nov. pro *Monechma robustum* Bond (1940), non *Justicia robusta* T.Anderson ex C.B.Clarke (1900)
- Justicia kraussii* C.B.Clarke var. *florida* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 63 (1901); Type: South Africa, KwaZulu-Natal, Inanda, 10-1879, Wood 566 (K, holo.; BM, iso.) = ***Justicia protracta* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)**
- Justicia leptantha* (Nees) Lindau, Nat. Pflanzenfam. [Engl. & Prantl] 4, 3b: 349 (1895), non *Justicia leptantha* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 44 (1863) = ***Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *tubulosa***
- Justicia ligulata* Lam., Encycl. [J. Lamarck & al.] 1(2): 632 (1785), nom. superfl. = ***Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007)**
- Justicia linifolia* (Lindau) V.A.W.Graham, Kew Bulletin 43: 618 (1988)
- Justicia malabarica* (L.f.) Aiton, Hort. Kew. [W. Aiton] 1: 27 (1789), nom. illegit. = ***Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007)**
- Justicia namaensis* Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 202 (1890); Type: Namibia, Namaqualand, Gamosab, 4-1885, Schinz 25 (Z, holo.; K, iso.) = ***Justicia divaricata* Licht. ex Roem. & Schult., Syst. Veg. 1: (1817)**
- Justicia pallidior* (Nees) C.B.Clarke var. *cooperi* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 58 (1901); Type: South Africa, "British Kaffraria", 1860, Cooper 3114 (K, holo.) = ***Justicia betonica* L., Sp. Pl. 1: 15 (1753)**
- Justicia palustris* (Hochst.) T.Anderson var. *dispersa* Lindau, Bot. Jahrb. Syst. 20: 72 (1894); Type: Tanzania, Kilimanjaro, 11-1884, Johnston 59 (K, lecto; BM, K, isolecto.) = ***Justicia flava* (Vahl) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)**
- Justicia saxatilis* (Munday) J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014)
- Justicia scandens* Vahl, Symb. Bot. (Vahl) 2: 7 (1791); Type: India, "Malabar", n.d., Koenig s.n. (C, holo.)
- Justicia tubulosa* (E.Mey. ex Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 41 (1863)
- Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *late-ovata* (C.B.Clarke) J.C.Manning & Goldblatt, Bothalia 43(2): 221 (2013)
- Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *tubulosa*
- Justicia umbellata* Vahl, Enum. Pl. [Vahl] 1: 111 (1804); Type: Senegal, fl. & fr, n.d., Jussieu s.n. [28?] (P=JU, holo.) = ***Dicliptera verticillata* (Forssk.) C.Chr., Dansk Bot. Ark. 4(3): 11 (1922)**
- Justicia uninervis* S.Moore, J. Bot. 46: 74 (1908); Type: South Africa, Mpumalanga, Nelspruit, 6-11-1905, Rogers 269 (BM, holo.) = ***Justicia betonica* L., Sp. Pl. 1: 15 (1753)**

## **MEGALOCHLAMYS LINDAU**

*Megalochlamys revoluta* (Lindau) Vollesen

## **MONECHMA HOCHST.**

*Monechma angustifolium* Nees, Prodr. [A. P. de Candolle] 11: 412 (1847); Type: South Africa, KwaZulu-Natal, Durban, n.d., Drege s.n. (K, holo.) = ***Justicia bracteata* (Hochst.) Zarb, Rapport sp. bot. Pfund: 32 (1879)**



*Monechma bracteatum* Hochst. var. *angustifolium* (Nees) C.B. Clarke, Fl. Trop. Afr. [Oliver et al.] 5(2): 215 (1900) = *Justicia bracteata* (Hochst.) Zarb, Rapport sp. bot. Pfund: 32 (1879)  
*Monechma eremum* S. Moore, J. Bot. 45: 231 (1907); Type: Namibia, Damaraland, 1879, Een s.n. (BM, holo.) = *Justicia divaricata* Licht. ex Roem. & Schult., Syst. Veg. 1: (1817)

## **ODONTONEMA NEES**

*Odontonema cuspidatum* (Nees) Kuntze, Revis. Gen. Pl. 2: 494 (1891)

## **PERISTROPHE NEES**

*Peristrophe doriae* Terraccino, Ann. Ist. Bot. Roma 5: 102 (1894); Type: Eritrea, Ferehan Volcano, Terracciano (FT, holo.) = *Dicliptera paniculata* (Forssk.) I. Darbysh., Kew Bull. 62(1): 122 (2007)

*Peristrophe pilosa* Turrill, Bull. Misc. Inform. Kew 1921(10): 394 (1921); Type: Nigeria, Panyam, Lely 415 (K, holo.) = *Dicliptera paniculata* (Forssk.) I. Darbysh., Kew Bull. 62(1): 122 (2007)

## **RHAPHIDOSPORA NEES**

*Rhaphidospora glabra* (J. König ex Roxb.) Nees, Pl. Asiat. Rar. (Wallich) 3: 115 (1832) = *Justicia scandens* Vahl, Symb. Bot. (Vahl) 2: 7 (1791)

## **RUELLIA L.**

*Ruellia ciliaris* Pers., Syn. Pl. [Persoon] 2(1): 176 (1806), Based on *Ruellia cordata* = *Ruellia cordata* Thunb., Prodr. Pl. Cap. 2: 104 (1800)

*Ruellia gongodes* Lindau, Bot. Jahrb. Syst. 33(1): 187 (1902); Type: Tanzania, Kilwa Dist., Dondeland, Kwa Likemba, 12/1900, Busse 567 (B, holo. †) = *Ruellia patula* Jacq., Misc. Austriac. [Jacquin] 2: 358 (1781)

*Ruellia mysorensis* Roth, Nov. Pl. Sp.: 303 (1821) = *Asystasia mysorensis* (Roth) T. Anderson, J. Linn. Soc., Bot. 9: 524 (1867)

*Ruellia ovata* Thunb., Prodr. Pl. Cap. 2: 104 (1800), p.p., sensu C.B. Clarke (1901) = *Ruellia pilosa* L.f., Suppl. Pl.: 290 (1782)

*Ruellia prostrata* Poir., Encycl. [J. Lamarck & al.] 6(1): 349 (1804); Type: 'India', Dupuis s.n. (P, holo.)

*Ruellia simplex* C. Wright, Anales Acad. Ci. Med. Habana 6(41): 321 (1870)

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## **ACTINIDIACEAE**

### **ACTINIDIA LINDL.**

*Actinidia deliciosa* (A. Chev.) C.F. Liang & A.R. Ferguson, Guihaia 4(3): 181 (1984)

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## **AGAPANTHACEAE**

### **AGAPANTHUS L'HÉR.**

*Agapanthus comptonii* F.M. Leight., J. S. African Bot. Suppl (4): 24 (1965) = *Agapanthus praecox* Willd. subsp. *minimus* (Lindl.) F.M. Leight.

### **MAUHLIA DAHL**

*Mauhlia ensifolia* Thunb., Nov. Gen. Pl. [Thunberg] 7: 111 (1792) = *Lachenalia ensifolia* (Thunb.) J.C. Manning & Goldblatt, Edinburgh J. Bot. 60(3): 565 (2004)

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## AGAVACEAE

### **CHLOROPHYTUM KER GAWL.**

*Chlorophytum asperum* J.C.Manning, S. Afr. J. Bot. 111: 316 (2017); Type: South Africa, Northern Cape, Springbok: Nababeep, Platjiesfontein 135, shale plain S of road, 2 Oct 2006, P. Desmet & I. Burger 3653 (NBG, holo.)

### **FURCRAEA VENT.**

*Furcraea selloana* K.Koch, Wochenschr. Vereines Beförd. Gartenbaues Konigl. Preuss. Staaten 3: 22 (1860), Following Smith & Figueiredo (2016) with "selloana"; Type not designated  
*Furcraea tuberosa* (Mill.) W.T.Aiton, Hort. Kew., ed. 2 [W.T. Aiton] 2: 303 (1811)

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## AIZOACEAE

### **ACRODON N.E.BR.**

*Acrodon caespitosus* H.E.K.Hartmann, Bradleya 30: 51 (2012); Type: South Africa, Western Cape province, Hartmann & Bayer 34493 (HBG, holo.)

### **BERGERANTHUS SCHWANTES**

*Bergeranthus stenophyllus* (L.Bolus) Schwantes ex Fourc., Mem. Bot. Surv. S. Afr. 20: 7 (1940) =  
*Marlothistella stenophylla* (L.Bolus) S.A.Hammer

### **CLERETUM N.E.BR.**

*Cleretum apetalum* (L.f.) N.E.Br., Gard. Chron. Ser. 3, 82: 228 (1927)  
*Cleretum bellidiforme* (Burm.f.) G.D.Rowley, Baileya 20(4): 139 (1979)  
*Cleretum booyseii* (L.Bolus) Klak, Taxon 61(2): 304 (2012)  
*Cleretum clavatum* (Haw.) Klak, Taxon 61(2): 304 (2012)  
*Cleretum maughanii* (N.E.Br.) Klak, Taxon 61(2): 304 (2012)  
*Cleretum rourkei* (L.Bolus) Klak, Taxon 61(2): 304 (2012)

### **CONOPHYTUM N.E.BR.**

*Conophytum confusum* A.J.Young, Rogerson, S.A.Hammer & Opel, Bradleya 33: 48 (2015);  
Type: South Africa, Northern Cape, Namaqualand, 8 September 2011, A. Harrower 4777  
(NBG, holo.)  
*Conophytum crateriforme* A.J.Young, Rogerson, Harrower & S.A.Hammer, Bradleya 33: 56  
(2015); Type: South Africa, Northern Cape, Namaqualand, southwest of Steinkopf, 13/5/2003,  
A. Harrower, S. Hammer & R. Wagner ADH1503 (NBG, holo.)  
*Conophytum flavum* N.E.Br. subsp. *novicium* (N.E.Br.) S.A.Hammer var. *novicium*  
*Conophytum flavum* N.E.Br. subsp. *novicium* (N.E.Br.) S.A.Hammer var. *kosiesense* A.J.Young  
& Rogerson, Bradleya 35: 164 (2017); Type: South Africa, Northern Cape, Southern  
Richtersveld, Kosiesberg, 19-4-2017, ADH5580 (NBG, holo.)

### **CORPUSCULARIA SCHWANTES**

*Corpuscularia gracillima* (L.Bolus) Niederle, Bothalia 42(1): 49 (2012)

### **DELOSPERMA N.E.BR.**

*Delosperma abbottii* Van Jaarsv., Bradleya 33: 97 (2015); Type: South Africa, KwaZulu-Natal,  
Port Edward: Pondoland, Northern Transkei, Isikuba Gorge, sheer cliff faces, E. van Jaarsveld  
19294 (PRE, holo.)

## **DROSANTHEMUM SCHWANTES**

*Drosanthemum badpoortensis* Van Jaarsv., *Bradleya* 33: 133 (2015); Type: South Africa, Western Cape, Ladismith: Badpoort, sheer cliffs along the Buffelsrivier, Van Jaarsveld & Deacon 23420 (NBG, holo.)

*Drosanthemum boerhavia* (Eckl. & Zeyh.) H.E.K.Hartmann, *Bradleya* 29: 165 (2011)

## **ESTERHUYSENIA L.BOLUS**

*Esterhuysenia lucilleae* Van Jaarsv., *Fl. Pl. Africa* 65: 96 (2017) = *Roosia lucilleae* (Van Jaarsv.) Van Jaarsv., *Bradleya* 35: 153 (2017)

## **GIBBAEUM (HAW.) N.E.BR.**

*Gibbaeum haagei* Schwantes ex H.Jacobsen, *Succ. Pl.*: 179 (1935), nom.inval.; Type: Wulff, *Sukkulantenkunde* 3: fig. on p. 55 (1949). Lectotype designated by Hartmann, *Illustrated Handbook of Succulent Plants: Aizoaceae F-Z*: 40 (2001). = *Gibbaeum petrense* (N.E.Br.) Tischer, *Kakt. u. Sukkulent.* 1937: 151 (1937)

*Gibbaeum hartmannianum* Thiede & Niesler, *Haseltonia* 18: 38 (2012); Type: South Africa. Western Cape, Riversdale: Between Malgas and Infanta, on quartz field, 20/8/1998, Thiede et al. 110200 (BOL, holo.)

## **JORDAANIELLA H.E.K.HARTMANN**

*Jordaaniella maritima* (L.Bolus) Van Jaarsv., *Haseltonia* 8: 41 (2001)

## **LEIPOLDTIA L.BOLUS**

*Leipoldtia nevillei* Klak, *Haseltonia* 23: 112 (2017); Type: South Africa. Northern Cape, north of Soebatsfontein, on reddish gravelly gneissic soil, 12 July 2009, Klak 1851 (BOL, holo.; MO, iso.)

## **LITHOPS N.E.BR.**

*Lithops fulviceps* N.E.Br. var. *fulviceps*

*Lithops fulviceps* N.E.Br. var. *laevigata* D.T.Cole, *Cactus & Co.* 10(1): 63 (2006); Type: South Africa, Northern Cape, 7/5/2004, D.T.Cole & N.A.Cole Cole C412 (PRE, holo.; PRE, iso.)

## **MESEMBRYANTHEMUM L.**

*Mesembryanthemum amabile* (Gerbautlet & Struck) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum archeri* (L.Bolus) Klak, *Taxon* 56(3): 752 (2007)

*Mesembryanthemum baylissii* (L.Bolus) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum brevicarpum* (L.Bolus) Klak, *Taxon* 56(3): 750 (2007)

*Mesembryanthemum chrysophthalmum* (Gerbautlet & Struck) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum deciduum* (L.Bolus) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum decurvatum* (L.Bolus) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum digitatum* Aiton subsp. *digitatum*

*Mesembryanthemum digitatum* Aiton subsp. *littlewoodii* (L.Bolus) Klak, *Taxon* 56(3): 752 (2007)

*Mesembryanthemum exalatum* (Gerbautlet) Klak, *Taxon* 56(3): 752 (2007)

*Mesembryanthemum gariense* (Gerbautlet & Struck) Klak, *Taxon* 56(3): 751 (2007)

*Mesembryanthemum glareicola* (Klak) Klak, *Taxon* 56(3): 752 (2007)

*Mesembryanthemum holense* Klak, *Taxon* 56(3): 751 (2007), nom. nov., pro *Sphalmanthus humilis* L.Bolus (1962), non *Mesembryanthemum humile* Haw. (1795)

*Mesembryanthemum ladismithiense* Klak, *Taxon* 56(3): 752 (2007), nom. nov. pro *Sceletium strictum* L.Bolus (1927), non *Mesembryanthemum strictum* Haw. (1803)

- Mesembryanthemum lancifolium* (L.Bolus) Klak, Taxon 56(3): 750 (2007)
- Mesembryanthemum latipetalum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum lignescens* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum ligneum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum lilliputanum* Klak, Taxon 56(3): 751 (2007), nom. nov., pro *Aridaria abbreviata* L.Bolus (1930), non *Mesembryanthemum abbreviatum* Haw. (1926) = *Carpobrotus virescens* (Haw.) Schwantes
- Mesembryanthemum napierense* Klak, Taxon 56(3): 752 (2007), nom. nov., pro *Brownanthus fraternus* Klak (2000), non *Mesembryanthemum fraternum* N.E.Br. (1913) = *Conophytum fraternum* (N.E.Br.) N.E.Br.
- Mesembryanthemum neglectum* (S.M.Pierce & Gerbaulet) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum neofoliosum* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Psilocaulon foliosum* L.Bolus (1929), non *Mesembryanthemum foliosum* Haw. (1803) = *Ruschia foliosa* (Haw.) Schwantes
- Mesembryanthemum noctiflorum* L. subsp. *defoliatum* (Haw.) Klak, Taxon 56(3): 750 (2007)
- Mesembryanthemum noctiflorum* L. subsp. *stramineum* (Haw.) Klak, Taxon 56(3): 750 (2007)
- Mesembryanthemum nucifer* (Ihlenf. & Bittrich) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum occidentale* Klak, Taxon 56(3): 750 (2007), nom. nov., pro *Aridaria vespertina* L.Bolus (1928), non *Mesembryanthemum vespertinum* A.Berger (1908) = *Bergeranthus vespertinus* (A.Berger) Schwantes
- Mesembryanthemum pallens* Aiton subsp. *lanceum* (Thunb.) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum pallens* Aiton subsp. *lutea* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 118(1): 34 (1996) = *Mesembryanthemum pallens* Aiton subsp. *luteum* (L.Bolus) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum pallens* Aiton subsp. *luteum* (L.Bolus) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum pallens* Aiton subsp. *namaquense* (Gerbaulet) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum pallens* Aiton subsp. *pallens*
- Mesembryanthemum prasinum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum pseudoschlichtianum* (S.M.Pierce & Gerbaulet) Klak, Taxon 56(3): 753 (2007)
- Mesembryanthemum quartziticola* Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum rabiei* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum serotinum* (L.Bolus) Klak, Taxon 56(3): 750 (2007)
- Mesembryanthemum splendens* L. subsp. *pentagonum* (L.Bolus) Klak, Taxon 56(3): 752 (2007)
- Mesembryanthemum splendens* L. subsp. *splendens*
- Mesembryanthemum springbokense* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Brownanthus lignescens* Klak (2003), non *Mesembryanthemum lignescens* (L.Bolus) Klak
- Mesembryanthemum suffruticosum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum tomentosum* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Trichocyclus pubescens* N.E.Br. ex C.A.Maass (1928), non *Mesembryanthemum pubescens* Haw. (1795) = *Gibbaeum pubescens* (Haw.) N.E.Br.
- Mesembryanthemum vanheerdei* (L.Bolus) Klak, Taxon 56(3): 751 (2007)
- Mesembryanthemum vanrensburgii* (L.Bolus) Klak, Taxon 56(3): 752 (2007)

## **ROOSIA VAN JAARSV.**

- Roosia grahambeckii* (Van Jaarsv.) Van Jaarsv., Bradleya 35: 154 (2017); Type: South Africa, Western Cape, Rooiberg, sheer south-facing cliffs, Van Jaarsveld & Van der Spuy 23555 (PRE, holo.)
- Roosia lucilleae* (Van Jaarsv.) Van Jaarsv., Bradleya 35: 153 (2017); Type: South Africa, Western Cape, Dome Kloof, Hex River Mountains, ledges on south-facing cliffs, Van Jaarsveld & Stander 26952 (NBG, holo.)

## **STOEBERIA DINTER & SCHWANTES**

*Stoebertia giftbergensis* (L.Bolus) Van Jaarsv., Aloe 52(1): 9 (2016); Type: South Africa, Western Cape, near Vanrhynsdorp, Giftberg, "amongst rock near escarpment edge", Oct 1953, E Esterhuysen 22051 (BOL, holo.)

*Stoebertia utilis* (L.Bolus) Van Jaarsv. subsp. *lerouxiae* Van Jaarsv., Aloe 43(1): 20 (2006)

*Stoebertia utilis* (L.Bolus) Van Jaarsv. subsp. *utilis*

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## **ALISMATACEAE**

### **ECHINODORUS RICH.**

*Echinodorus cordifolius* (L.) Griseb., Abh. Königl. Ges. Wiss. Göttingen 7: 257 (1857)

*Echinodorus tenellus* (Mart. ex Schult.f.) Buchenau, Abh. Naturwiss. Vereins Bremen 2: 21 (1869)

### **SAGITTARIA RUPPIUS**

*Sagittaria latifolia* Willd., Sp. Pl., ed. 4 [Willdenow] 4(1): 409 (1805)

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## **ALLIACEAE**

### **ALLIUM L.**

*Allium dregeanum* Kunth, Enum. Pl. [Kunth] 4: 382 (1843)

*Allium synnotii* G.Don, Mem. Wern. Soc. 6: 19 (1827)

### **TULBAGHIA L.**

*Tulbaghia siebertii* (Vosa) Mich.Möller & G.I.Stafford, Bot. J. Linn. Soc. 181(2): 167 (2016);

Type: South Africa, Limpopo, Pilgrim's Rest: Leolo Mountains, Sekhukhuneland, c. 15 km from Schoonoord on mountain road, 4 December 2000, A. E. van Wyk & S. Siebert 1304 (PRU, holo.)

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## **ALSTROEMERIACEAE**

### **ALSTROEMERIA L.**

*Alstroemeria pulchella* L.f., Suppl. Pl. 206 (1782)

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## **AMARANTHACEAE**

### **DYSPHANIA R.BR.**

*Dysphania ambrosioides* (L.) Mosyakin, Ukrayins'k. Bot. Zhurn. 59(4): 382 (2002)

*Dysphania cristata* (F.Muell.) Mosyakin, Ukrayins'k. Bot. Zhurn. 59(4): 382 (2002)

*Dysphania multifida* (L.) Mosyakin & Clemants, Ukrayins'k. Bot. Zhurn. 59(4): 382 (2002)

### **SALSOLA L.**

*Salsola tragus* L., Cent. Pl. 2: 13 (1756) = *Salsola kali* L.

### **TECTICORNIA HOOK.F.**

*Tecticornia indica* (Willd.) K.A.Sheph. & Paul G.Wilson, Austral. Syst. Bot. 20(4): 327 (2007);

Type: India, Tranquebar, J.G. Klein (B, holo.; K, iso.)

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## **AMARYLLIDACEAE**

### **BRUNSVIGIA HEIST.**

*Brunsvigia gigantea* Heist., Beschr. Neu. Geschl.: 3 (1755) = *Brunsvigia orientalis* (L.) Aiton ex Eckl.

## **CYRTANTHUS AITON**

*Cyrtanthus mackenii* Hook.f.

*Cyrtanthus taitii* G.D.Duncan, Amaryllidaceae S. Africa: 306 (2016); Type: South Africa, Eastern Cape, Port Elizabeth: Spring Local Authority Nature Reserve north of Uitenhage, 14 April 1999, A. Tait 174 (NBG, holo.)

## **NARCISSUS L.**

*Narcissus tazetta* L. subsp. *tazetta*, Sp. Pl. 290 (1753)

## **NERINE HERB.**

*Nerine bowdenii* W.Watson, Gard. Chron. Ser. 3, 36: 365 (1904)

*Nerine bowdenii* W.Watson 'Quinton Wells' E.B.Anderson, J. Royal Hort. Soc. 86: 122 (1961); Type: South Africa, KwaZulu-Natal, Mont-aux-Sources, A.W. Wells s.n., ex cult.

E.B.Anderson, West Poslock (K, holo., iso.) = *Nerine bowdenii* W.Watson subsp. *wellsii* C.A.Norris ex G.D.Duncan, Bot. Mag. (Kew Mag.) 31(3): 235 (2014)

*Nerine bowdenii* W.Watson subsp. *wellsii* C.A.Norris ex G.D.Duncan, Bot. Mag. (Kew Mag.) 31(3): 235 (2014); Type: South Africa, KwaZulu-Natal, The Witches, north side, Mont-aux-Sources, 3 March 1979, J.P. Rourke 1522 (NBG, holo., iso.)

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## **AMBLYSTEGIACEAE**

### **DREPANOPHYLLARIA MÜLL.HAL.**

*Drepanophyllaria caudicaule* Müll.Hal., Hedwigia 38: 150 (1899) = *Hygroamblystegium caudicaule* (Müll.Hal.) Broth.

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## **ANACAMPSEROTACEAE**

### **ANACAMPSEROS L.**

*Anacampseros gariensis* (G.Will.) Dreher, Avonia 33(3): 121 (2015)

### **TALINUM ADANS.**

*Talinum decumbens* (Forssk.) Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 864 (1799) = *Corbichonia decumbens* (Forssk.) Exell, J. Bot. 73: 80 (1935)

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## **ANACARDIACEAE**

### **RHUS L.**

*Rhus margaretae* Schönland, Bothalia 3: 65 (1930) = *Searsia rigida* (Mill.) F.A.Barkley var. *rigida*

### **SEARSIA F.A.BARKLEY**

*Searsia tumulicola* (S.Moore) Moffett

### **TOXICODENDRON MILL.**

*Toxicodendron succedaneum* (L.) Kuntze, Revis. Gen. Pl. 1: 154 (1891)

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## **APIACEAE**

### **ANNESORHIZA CHAM. & SCHLTDL.**

*Annesorhiza articulata* Magee, S. African J. Bot. 96: 63 (2014); Type: South Africa. Western Cape, Cape Town: Paarl, New Orleans Caravan Park, 9 Jul 2012, Magee and Koopman 503 (NBG, holo.: BOL, K, NBG, PRE, S, MO, iso.)

## **BUPLEURUM L.**

*Bupleurum capitatum* (L.f.) Thunb., Prodr.: 50 (1794) = ***Hermas capitata* L.f., Suppl. Pl.: 435 (1782)**

*Bupleurum ciliatum* (L.f.) Thunb., Prodr.: 50 (1794) = ***Hermas ciliata* L.f., Suppl. Pl.: 436 (1782)**

*Bupleurum giganteum* (L.f.) Thunb., Prodr.: 50 (1794) = ***Hermas gigantea* L.f., Suppl. Pl.: 485 (1782)**

*Bupleurum quinquedentatum* (L.f.) Thunb., Prodr.: 50 (1794) = ***Hermas quinquedentata* L.f., Suppl. Pl.: 436 (1782)**

*Bupleurum villosum* L., Sp. Pl. 1: 238 (1753) = ***Hermas villosa* (L.) Thunb., Nov. Act. Petrop. 14: 531 (1805)**

## **BUPRESTIS SPRENG.**

*Buprestis gigantea* (L.f.) Spreng., Mag. Neuesten Entdeck. Gesamnten Naturk. Ges. Naturf. Freunde Berlin 6: 259 (1812) = ***Hermas gigantea* L.f., Suppl. Pl.: 485 (1782)**

## **CONIUM L.**

*Conium hilliburttorum* Magee & Clark, S. Afr. J. Bot. 108: 244 (2017); Type: South Africa, Eastern Cape, Queenstown: Farm Nood Hoek 7, Stormberg, 8 Dec. 2010, Clark & Daniels 315 (GRA, holo.; NBG, iso.)

*Conium* sp. 4, S. Afr. J. Bot. 51: 473 (1985), sensu Hilliard & B.L.Burt = ***Conium hilliburttorum* Magee & Clark, S. Afr. J. Bot. 108: 244 (2017)**

## **HERMAS L.**

*Hermas lanata* (Hill) Magee, Syst. Bot. 40(1): 361 (2015); Type: South Africa. Western Cape: Cape of Good Hope, in Burman, Rar. Afric. Pl.: t. 72, Fig. 3. 1738. (lectotype). Epitype: Magee, Nicolas & Plunkett 484 (NBG). Designated by Magee et al., Syst. Bot. 40: 361 (2015).

*Hermas uitenhagensis* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 354 (1837); Type: South Africa. Eastern Cape, Uitenhage district: Van Stadensriversberge, Ecklon & Zeyher 2259 (S, lecto.; C, K, M, MO two sheets, SAM, isolecto.). Lectotype designated by Magee et al., Syst. Bot. 40: 361 (2015). = ***Hermas ciliata* L.f., Suppl. Pl.: 436 (1782)**

*Hermas villosa* (L.) Thunb. var. *depauperata* DC., Prodr. 4: 241 (1825) = ***Hermas villosa* (L.) Thunb., Nov. Act. Petrop. 14: 531 (1805)**

## **NOTOBUBON B.-E.VAN WYK**

*Notobubon collinum* (Eckl. & Zeyh.) Magee, Phytotaxa 266(1): 28 (2016); Type: South Africa. Western Cape, Bredasdorp district: Duivenhokrivier, Ecklon and Zeyher 2243 (S, lecto.; K, SAM, isolecto.) Lectotype designated by Magee et al., Systematic Botany 34: (2009).

## **PERFOLIATA FOURR.**

*Perfoliata capitata* (L.f.) Kuntze, Revis. Gen. Pl. 1: 269 (1891) = ***Hermas capitata* L.f., Suppl. Pl.: 435 (1782)**

*Perfoliata ciliata* (L.f.) Kuntze, Revis. Gen. Pl. 1: 269 (1891) = ***Hermas ciliata* L.f., Suppl. Pl.: 436 (1782)**

*Perfoliata gigantea* (L.f.) Kuntze, Revis. Gen. Pl. 1: 269 (1891) = ***Hermas gigantea* L.f., Suppl. Pl.: 485 (1782)**

*Perfoliata quinquedentata* (L.f.) Kuntze, Revis. Gen. Pl. 1: 269 (1891) = ***Hermas quinquedentata* L.f., Suppl. Pl.: 436 (1782)**

*Perfoliata villosa* (L.) Kuntze, Revis. Gen. Pl. 1: 269 (1891) = ***Hermas villosa* (L.) Thunb., Nov. Act. Petrop. 14: 531 (1805)**

## APOCYNACEAE

### ARDUINA MILL.

- Arduina acuminata* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 191 (1837); Type: South Africa, Natal, between Umzimvubu and Umsikaba Rivers, Drege *Arduina acuminata* b (P, lecto.; G, HBG, K, S, TCD, W, isolecto.) Lectotype designated by Leeuwenberg & Van Dilst, Wageningen University Papers 2001.1: 12 (2001). = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina bispinosa* L., Mant. Pl.: 52 (1767) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina edulis* (Vahl) Spreng., Syst. Veg., ed. 16 [Sprengel] 1: 669 (1824) = *Carissa spinarum* L., Mant. Pl. Altera: 559 (1771)
- Arduina erythrocarpa* Eckl., S. African Quart. J. 4: 372 (1830); Type: South Africa, Eastern Cape province, Uitenhage District, Krakakamma and Ado, Zeyher 308 (K, lecto.; BM, M, TCD, isolecto.) Lectotype designated by Leeuwenberg and Van Dilst, Wageningen University Papers 2001.1: 8 (2001). = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina ferox* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 191 (1837); Type: South Africa, Eastern Cape Province, near Kookhuis, near Groot Vischrivier, Drege *Arduina ferox* b (S, lecto.; G, K, P, W, isolecto.) Lectotype designated by Leeuwenberg & Van Dilst, Wageningen University Papers 2001.1: 12 (2001). = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina grandiflora* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 190 (1837); Type: South Africa, Natal, between Umsikaba and Port Natal, Drege *Arduina grandiflora* V, c (S, lecto.; G, HBG, K, P, W, isolecto.) Lectotype designated by Leeuwenberg & Van Dilst, Wageningen University Papers 2001.1: 27 (2001). = *Carissa macrocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 336 (1844)
- Arduina haematocarpa* Eckl., S. African Quart. J. 1: 372 (1830); Type: South Africa, Eastern Cape Province, Uitenhage District, between Swartkops and Sunday Rivers, Zeyher 163 (G, lecto.; BP, W, isolecto.) Lectotype designated by Leeuwenberg & Van Dilst, Wageningen University Papers 2001.1: 12 (2001). = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina macrocarpa* Eckl., S. African Quart. J. 1: 372 (1830) = *Carissa macrocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 336 (1844)
- Arduina megaphylla* Gand., Bull. Soc. Bot. France 65: 59 (1918); Type: South Africa, Eastern Cape Province, East London, Galpin 3452 (P, holo. n.v.) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)
- Arduina tetramera* Sacleux, J. Bot. (Morot) 7: 312 (1893) = *Carissa tetramera* (Sacleux) Stapf, Fl. Trop. Afr. [Oliver et al.] 4(1.1): 91 (1902)

### ASCLEPIAS L.

- Asclepias cucullata* (Schltr.) Schltr.
- Asclepias monteivaga* M.Glen, Nicholas & Bester, Phytotaxa 202(3): 233 (2015); SOUTH AFRICA. KwaZulu-Natal Province, Underberg, near Tarn Cave, Bushman's Neck, 19 January 1984, elevation 2440 m, Hilliard & Burt 17342 (NU, holo.; E, K, PRE, PRF, S, iso.)
- Asclepias schizoglossoides* Schltr., Bot. Jahrb. Syst. 18(4, Beibl. 45): 32 (1894), nom.superfl.; Type: South Africa, Eastern Cape, Mrs Barber s.n. (K, neo.) Neotype designated by Nicholas & Goyder, Bothalia: 26 (1992) = *Aspidonepsis diploglossa* (Turcz.) Nicholas & Goyder, Bothalia 22(1): 26 (1992)



## **ASPIDOGLOSSUM E.MEY.**

*Aspidoglossum albocoronatum* Bester & Nicholas, Phytotaxa 282(3): 188 (2016); Type: South Africa, Limpopo Province, Pilgrim's Rest: southern Leolo Mountains below Thamagoshi Peak near the village of Thamagoshi on norite-derived loamy soils, northeastern aspect, 20/1/2005, S.P. Bester 5591 (PRE, holo.; E, J, K, MO, NH, PRU, iso.)

## **BELONITES E.MEY.**

*Belonites succulentus* (L.f.) E.Mey., Comm. Pl. Afr. Austr. (Meyer): 187 (1837) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

## **BRACHYSTEMMA R.BR.**

*Brachystemma waterbergensis* Peckover, Aloe 52(2): 51 (2016); Type: South Africa, Limpopo, 2428 Modimolle, Klein Elandsfontein, 23 December 2014, Peckover 229 (PRU, holo.)

## **CARANDAS RUMPH.**

*Carandas arduina* (Lam.) S.Moore, J. Bot. 41: 403 (1903), nom. illegit. = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)  
*Carandas edulis* (Vahl) Hiern, Cat. Afr. Pl. (Hiern) 3: 664 (1898) = *Carissa spinarum* L., Mant. Pl. Altera: 559 (1771)

## **CARISSA L.**

*Carissa acuminata* (E.Mey.) A.DC., Prodr. [A. P. de Candolle] 8: 335 (1844) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)  
*Carissa arduina* Lam., Encycl. [J. Lamarck & al.] 1(2): 555 (1785), nom. illegit. = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)  
*Carissa cordata* (Mill.) Fourc., Trans. Roy. Soc. South Africa 21: 82 (1932), nom. illegit., non Dinter (1928) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)  
*Carissa erythrocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 335 (1844) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)  
*Carissa ferox* (E.Mey.) A.DC., Prodr. [A. P. de Candolle] 8: 335 (1844) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

## **CASCABELA RAF.**

*Cascabela thevetia* (L.) Lippold, Feddes Repert. 91: 52. (1980)

## **CYNANCHUM L.**

*Cynanchum pearsonianum* Liede & Meve, Kew Bull. 67(4): 753 (2012), non *Cynanchum pearsonii* N.E.Br. (1914); Type: Namibia, Great Karasberg, on stony plains SW of Krai Kloof, 19 Jan. 1913, Pearson 8460 (K, holo.; BOL, iso.)  
*Cynanchum viminale* (L.) Bassi, Bononiensi Sci. Inst. Acad. Comment. 6(Opusc.): 17 (1768)  
*Cynanchum viminale* (L.) Bassi subsp. *orangeanum* (Liede & Meve) Liede & Meve, Kew Bull. 67(4): 754 (2012); Type: South Africa, Northern Cape, 11.4 km E Kuruman, Liede & Meve 579 (K, holo.; MSUN, iso.)  
*Cynanchum viminale* (L.) Bassi subsp. *suberosum* (Meve & Liede) Goyder, Kew Bull. 63(3): 472 (2009)  
*Cynanchum viminale* (L.) Bassi subsp. *thunbergii* (G.Don) Liede & Meve, Kew Bull. 67(4): 754 (2012); Type: South Africa, Western Cape Province, Worcester, Karoo Botanic Garden, Bayer 68 (NBG, neo.). Neotype designated by Liede & Meve, Bot. J. Linn. Soc. 112: 10 (1993).  
*Cynanchum viminale* (L.) Bassi subsp. *viminale*

## **ECHITES L.**

*Echites succulentus* L.f., Suppl. Pl.: 167 (1782) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

*Echites tuberosus* Haw. ex Steud., Nomencl. Bot. [Steudel], ed. 2. 1: 540 (1840) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

## **HUERNIA R.BR.**

*Huernia longii* Pillans subsp. *longii*

## **JASMINONERIUM L. EX KUNTZE**

*Jasminonerium acuminatum* (E.Mey.) Kuntze, Revis. Gen. Pl. 2: 415 (1891) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

*Jasminonerium bispinosum* (L.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

*Jasminonerium carandas* Kuntze var. *spinarum* (L.) Kuntze, Revis. Gen. Pl. 2: 415 (1891) = *Carissa spinarum* L., Mant. Pl. Altera: 559 (1771)

*Jasminonerium edule* (Vahl) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa spinarum* L., Mant. Pl. Altera: 559 (1771)

*Jasminonerium erythrocarpum* (Eckl.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

*Jasminonerium ferox* (E.Mey.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

*Jasminonerium grandiflorum* (E.Mey.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa macrocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 336 (1844)

*Jasminonerium haematocarpum* (Eckl.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954)

*Jasminonerium macrocarpum* (Eckl.) Kuntze, Revis. Gen. Pl. 2: 414 (1891) = *Carissa macrocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 336 (1844)

## **NEOPECTINARIA PLOWES**

*Neopectinaria saxatilis* (N.E.Br.) Plowes, Excelsa 20: 12 (2003) = *Stapeliopsis saxatilis* (N.E.Br.) Bruyns, Cact. Succ. J. Gr. Brit. 43(2-3): 77 (1981)

*Neopectinaria saxatilis* (N.E.Br.) Plowes var. *tulipiflora* (C.A.Lückh.) Plowes, Excelsa 20: 12 (2003) = *Stapeliopsis saxatilis* (N.E.Br.) Bruyns, Cact. Succ. J. Gr. Brit. 43(2-3): 77 (1981)

*Neopectinaria stayneri* (M.B.Bayer) Plowes, Excelsa 20: 12 (2003) = *Stapeliopsis stayneri* (M.B.Bayer) Bruyns, Aloe 39(3-4): 82 (2002)

## **PACHYPODIUM LINDL.**

*Pachypodium griquense* L.Bolus, S. African Gard. 22: 83, 84 (1932) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

*Pachypodium jasminiflorum* L.Bolus, S. African Gard. 22: 83, 84 (1932) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

*Pachypodium tomentosum* G.Don, Gen. Hist. 4: 78 (1837) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

*Pachypodium tuberosum* Lindl., Edwards's Bot. Reg. 16: t. 1321 (1830) = *Pachypodium succulentum* (L.f.) Sweet, Hort. Brit., ed. 2: 594 (1830)

## **PERIGLOSSUM DECNE.**

*Periglossum podoptyches* Nicholas & Bester, Phytotaxa 282(1): 30 (2016); Type: South Africa, KwaZulu-Natal Province, Dannhauser area, Fairbreeze farm, 26/12/1984, A.M. Ngwenya 107 (NH, holo.; PRE, iso.)

## **PETOPENTIA BULLOCK**

*Petopentia undulata* Venter & A.M.Venter, S. African J. Bot. 88: 429 (2013); Type: South Africa. Limpopo Province, Pilgrim's Rest, about 4 km N of Penge near bridge across Olifants River, collected on 29 Oct. 2002, flowering at Bloemfontein on 31 Apr. 2012, Venter 10767 (BLFU, holo.; PRE, iso.)

## **SCHIZOGLOSSUM E.MEY.**

*Schizoglossum austromontanum* Bester & Nicholas, Phytotaxa 273(1): 44 (2016); Type: South Africa. Maclear District, Bastervoetpad, 5 December 2006, S.P. Bester 7446 (PRE, holo.; GRA, NH, iso.)

*Schizoglossum filiforme* (E.Mey.) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 645 (1917) = *Gomphocarpus filiformis* (E.Mey.) D.Dietr.

## **STAPELIOPSIS PILLANS**

*Stapeliopsis stayneri* (M.B.Bayer) Bruyns, Aloe 39(3-4): 82 (2002); Type: South Africa, Cape, about 8 km inland from Infanta on banks of Breede River, Stayner sub KG 731/71 (NBG, holo.)

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## **ARACEAE**

### **EPIPREMNUM SCHOTT**

*Epipremnum aureum* (Linden & André) G.S.Bunting, Ann. Missouri Bot. Gard. 50: 28 (1964)

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## **ARALIACEAE**

### **HEDERA L.**

*Hedera canariensis* Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 2: 171 (1808)

### **SCHEFFLERA J.R.FORST. & G.FORST.**

*Schefflera elegantissima* (Veitch ex Mast.) Lowry & Frodin, Bailey 23(1): 9 (1989)

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## **ASPHODELACEAE**

### **ALOE L.**

*Aloe aestivalis* Boatwr. & J.C.Manning, Taxon 62(1): 75 (2013), nom.superfl.; South Africa, Free State: Bloemfontein, near airport, 2009, Fritz 1025 (PRE, holo.) = *Aloe jeppeae* Klopper & Gideon F.Sm., Phytotaxa 76(1): 12 (2013)

*Aloe anomala* Haw., Trans. Linn. Soc. London 7: 25 (1804) = *Haworthiopsis venosa* (Lam.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013)

*Aloe arachnoidea* Mill. var. *pumila* Aiton, Hort. Kew. [W. Aiton] 1: 468 (1789) = *Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)

*Aloe arachnoidea* Mill. var. *translucens* (Haw.) Ker Gawl. = *Haworthia herbacea* (Mill.) Stearn var. *herbacea*

*Aloe arborescens* Mill. subsp. *mzimnyati* Van Jaarsv. & A.E.van Wyk, Aloe 43 (3): 40 (2005) = *Aloe arborescens* Mill.

*Aloe attenuata* Haw. var. *clariperla* (Haw.) Salm-Dyck, Hort. Dyck.: 12b (1834) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata*

*Aloe barbara-jeppeae* T.A.McCoy & Lavranos, Cact. Succ. J. (Los Angeles) 85(4): 156 (2013)

- Aloe barendii* Klopper & Gideon F.Sm., Phytotaxa 76(1): 12 (2013); SOUTH AFRICA. Northern Cape: Kalahari Region, near Kuruman, R. Marloth 1049 (B100165765, holo.; PRE0037837-0, iso.) = *Aloe bergeriana* (Dinter) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 68 (2014)
- Aloe bergeriana* (Dinter) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 68 (2014); Namibia: Voigtland, Dinter 4295 (B, holo.).
- Aloe braamvanwykii* Gideon F.Sm. & Figueiredo, Bradleya 30: 162 (2012)
- Aloe brevis* (Haw.) Schult. & J.H.Schult., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(1): 649 (1829) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Aloe dichotoma* Masson subsp. *pillansii* (L.Guthrie) Zonn., Bradleya 20: 10 (2002); SOUTH AFRICA. Northern Cape: Cornell's Kop, west of Annisfontein, October 1926, N.S. Pillans 5012 (BOL140227, BOL140228, holo.; K000256752, iso.) = *Aloidendron pillansii* (L.Guthrie) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013)
- Aloe dichotoma* Masson subsp. *ramosissima* (Pillans) Zonn., Bradleya 20: 10 (2002); SOUTH AFRICA. Northern Cape: Richtersveld, between Helskloof and Annisfontein, 25 July 1937, G.W. Reynolds 2547 (BOL140225, BOL140226, holo.; K000256751, PRE0111456-0, iso.) = *Aloidendron ramosissimum* (Pillans) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013)
- Aloe erecta* (Haw.) Schult. & J.H.Schult., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(1): 649 (1829), non *Aloe erecta* Salm-Dyck (1842) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Aloe glabrata* Salm-Dyck var. *concolor* Salm-Dyck, Aloe: t.2. (1849) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)
- Aloe glabrata* Salm-Dyck var. *perviridis* Salm-Dyck, Aloe: t.1. (1849) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)
- Aloe jeppeae* Klopper & Gideon F.Sm., Phytotaxa 76(1): 12 (2013); SOUTH AFRICA. Free State: Bloemfontein near airport, 24 April 2009, G.P.J. Fritz 1025 (PRE, holo.)
- Aloe maculata* All.
- Aloe maculata* All. subsp. *ficksburgensis* (Reynolds) Gideon F.Sm., Bradleya 30: 15 (2012)
- Aloe margaritifera* (L.) Burm.f. var. *major* Ait., Hort. Kew. 1: 468 (1789) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Aloe margaritifera* (L.) Burm.f. var. *media* DC. = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Aloe planifolia* (Haw.) Salm-Dyck = *Haworthia cymbiformis* (Haw.) Duval var. *cymbiformis*
- Aloe plicatilis* (L.) Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 10 (1768); Lectotype (designated by Wijnands 1983: 125): Commelijn 1701: 5, t.3 = *Kumara plicatilis* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 3 (2013)
- Aloe pumila* (Aiton) Haw., non *Aloe pumila* L. (1753) = *Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)
- Aloe radula* Jacq. var. *major* Salm-Dyck, Cat. Rais: 4 (1817) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)
- Aloe radula* Jacq. var. *media* Salm-Dyck, Cat. Rais: 4 (1817) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)
- Aloe radula* Jacq. var. *minor* Salm-Dyck, Cat. Rais: 4 (1817) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)
- Aloe rugosa* Salm-Dyck var. *laetevirens* Salm-Dyck, Hort. Dyck.: 323 (1834) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata*
- Aloe rugosa* Salm-Dyck var. *perviridis* Salm-Dyck, Hort. Dyck.: 323 (1834) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata*
- Aloe subspicata* (Baker) Boatwr. & J.C.Manning, Taxon 62(1): 75 (2013); South Africa, Gauteng: Modderfontein, 9 September 1897, Conrath 645 (Z, holo.; K, iso.)

*Aloe tenuifolia* (Engl.) Boatwr. & J.C.Manning, Taxon 62(1): 75 (2013), non Lam. (1783); South Africa, Northern Cape: near Kuruman, Feb 1886, Marloth 1049 (B, holo.; PRE, iso.) = *Aloe bergeriana* (Dinter) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 68 (2014)  
*Aloe viscosa* L. var. *indurata* (Haw.) Salm-Dyck, Aloes: t.3 (1836) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*

## **ALOIAMPELOS KLOPPER & GIDEON F.SM.**

- Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013); SOUTH AFRICA. Eastern Cape: cultivated at Kew, J. Bowie s.n. (unpublished Duncanson plate K)
- Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *ciliaris*, Phytotaxa 76(1): 10 (2013); SOUTH AFRICA. Eastern Cape: cultivated at Kew, J. Bowie s.n. (unpublished Duncanson plate K)
- Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *redacta* (S.Carter) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013); SOUTH AFRICA. Eastern Cape: Qolora Mouth, flowered 12 February 1973 in Cape Town, W. Wisura 2640 (K000256669, holo.)
- Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *tidmarshii* (Schönland) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013); SOUTH AFRICA. Eastern Cape: Grahamstown, garden of Lark's Hotel, Stone's Hill, November 1900, S. Schönland 1487 (GRA0000434-0, holo.; BOL140194, iso.)
- Aloiampelos commixta* (A.Berger) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Western Cape: Simonstown, no date, C. Wright s.n. (K, holo.)
- Aloiampelos decumbens* (Reynolds) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Western Cape: Riversdale Division, rocks on summit of Kleinberg at Plattekloof, June 1909, J. Muir 5383 (PRE0090651-0, holo.)
- Aloiampelos gracilis* (Haw.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 96 (2000); reproduced in Reynolds (1950: 357)]
- Aloiampelos juddii* (Van Jaarsv.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Western Cape: Rocky outcrop, southeast-facing sandstone ridge, 7 November 2007, E.J. Van Jaarsveld, P. Nel & Xaba 18295 (NBG, holo.)
- Aloiampelos striatula* (Haw.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 87 (2000), reproduced in Reynolds (1950: 362)]
- Aloiampelos striatula* (Haw.) Klopper & Gideon F.Sm. var. *caesia* (Reynolds) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Eastern Cape: Near Hofmeyr, slopes of Bamboesberg, flowered November 1935 in Pretoria, G.W. Reynolds 1607 (PRE0090488-1, PRE0090488-2, holo.; BOL140195, iso.)
- Aloiampelos striatula* (Haw.) Klopper & Gideon F.Sm. var. *striatula*, Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 87 (2000), reproduced in Reynolds (1950: 362)]
- Aloiampelos tenuior* (Haw.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013); SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 82 (2000), reproduced in Reynolds (1950: 347)]

## **ALOIDENTRON (A.BERGER) KLOPPER & GIDEON F.SM.**

- Aloidendron barberae* (Dyer) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013); Cultivated at Kew, no date, Anonymous s.n. (K000256753, holo.)
- Aloidendron dichotomum* (Masson) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013); SOUTH AFRICA. Cape of Good Hope, no date, C.P. Thunberg 8587 (UPS, holo.; PRE, photo)

*Aloidendron pillansii* (L.Guthrie) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013); SOUTH AFRICA. Northern Cape: Cornell's Kop, west of Annisfontein, October 1926, N.S. Pillans 5012 (BOL140227, BOL140228, holo.; K000256752, iso.).

*Aloidendron ramosissimum* (Pillans) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013); SOUTH AFRICA. Northern Cape: Richtersveld, between Helskloof and Annisfontein, 25 July 1937, G.W. Reynolds 2547 (BOL140225, BOL140226, holo.; K000256751, PRE0111456-0, iso.)

*Aloidendron tongaensis* (Van Jaarsv.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013); SOUTH AFRICA. KwaZulu-Natal: Sand forest southeast of Kosi Bay, 25 January 1992, E.J. van Jaarsveld & L. Powrie 12202 (PRE, holo.).

## **APICRA WILLD.**

*Apicra anomala* (Haw.) Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 273 (1811) = *Haworthiopsis venosa* (Lam.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013)

*Apicra arachnoidea* (L.) Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 168 (1811) = *Haworthia arachnoidea* (L.) Duval var. *arachnoidea*

*Apicra attenuata* (Haw.) Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 270 (1811) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley, *Alsterworthia Int. 15(1): 2* (2015)

*Apicra radula* (Jacq.) Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 270 (1811) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, *Alsterworthia Int. 15(1): 2* (2015)

*Apicra skinneri* A.Berger, Pflanzenr. (Engler) Liliac.-Asphodel. Aloin.: 116 (1908); Type: Photograph in Succulenta 20: 173 (1938), photo on the right (neo.) Neotype designated by Groen, Succuletta 66(12): (1987). = *X Astrolista bicarinata* (Haw.) Molteno & Figueiredo, *Bradleya 35: 196* (2017)

## **ARISTALOE BOATWR. & J.C.MANNING**

*Aristaloe aristata* (Haw.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 69 (2014); South Africa, Northern Cape: near Steynsburg, Reynolds, G.W. 1024 (PRE, neo.). Designated by Glen & Hardy, FSA: 31 (2000).

## **ASTROLOBA UITEWAAL**

*Astroloba cremnophila* Van Jaarsv., Bradleya 33: 177 (2015); South Africa, Western Cape, 3320 BD (Montagu): sheer eastern cliff face of Buffelspoort, 23/9/2014, Van Jaarsveld 25535 (PRE, holo.)

*Astroloba robusta* P.Reineke ex Molteno, Van Jaarsv. & Gideon F.Sm., Bradleya 35: 205 (2017); Type: South Africa, Western Cape Province, low-lying rock strewn flats of Prince Albert, farm Swartrivier, S. Molteno 504 (NBG, holo.)

*Astroloba smutsiana* Roberts Reinecke, The Genus Astroloba: 405 (1965), ms (never published); Type: South Africa, Cape Province, Ladismith District, 24 miles S of Ladismith on old Barrydale road, Roberts 3 (BOL, holo.) = *Astroloba spiralis* (L.) Uitewaal, *Succulenta (Netherlands) 1947: 53* (1947)

*Astroloba tenax* Molteno, Van Jaarsv. & Gideon F.Sm. var. *moltenoi* Gideon F.Sm. & Van Jaarsv., Bradleya 35: 421 (2017); Type: South Africa, Western Cape Province, North of Prince Albert, S. Molteno 112 (NBG, holo.)

*Astroloba tenax* Molteno, Van Jaarsv. & Gideon F.Sm. var. *tenax*

*Astroloba tenax* Molteno, Van Jaarsv. & Gideon F.Sm., Bradleya 35: 143 (2017); Type: South Africa, Western Cape province, lower north facing rocky slopes of the Groot Swartberg Mountain, farm Damascus, S. Molteno 150 (NBG, holo.)

## **BULBINE WOLF**

*Bulbine dewetii* Van Jaarsv., *Haseltonia* 23: 54 (2017); Type: South Africa, Western Cape, Domekloof, Hex River Mountains, ledges on south-facing cliffs, Van Jaarsveld & Stander 26953 (NBG, holo.)

*Bulbine spongiosa* Van Jaarsv., *Bradleya* 33: 156 (2015); Type: South Africa, Western Cape, Calitzdorp: Badspoort, sheer rock face, 22/9/2010, Van Jaarsveld & Deacon 23410 (NBG, holo.)

## **CATEVALA MEDIK.**

*Catevala arachnoidea* (L.) Medik., *Theodora*: 68 (1786) = *Haworthia arachnoidea* (L.) Duval var. *arachnoidea*

## **GASTERIA DUVAL**

*Gasteria koenii* Van Jaarsv., *Haseltonia* 23: 48 (2017); Type: South Africa, Western Cape, Smitsrivier Gorge, southern foothills of Osberg (Groot Swartberg), Van Jaarsveld, Koen, Kemble, Griffin & Young 26922 (NBG, holo.)

## **GONIALOE (BAKER) BOATWR. & J.C.MANNING**

*Gonialoe variegata* (L.) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 69 (2014)

## **HAWORTHIA DUVAL**

*Haworthia adelaidensis* (Poelln.) Breuer, *Gen. Haworthia* 1: 7 (2010) = *Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *adelaidensis* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4* (2013)

*Haworthia albispina* M.Hayashi, *Haworthia Study* 8: 1, 2 (2002); Type: near Miller Station, Bayer 1702 (NBG) = *Haworthia nortieri* G.G.Sm. var. *albispina* (M.Hayashi) M.B.Bayer, *Haworthia Update 7(4): 35* (2012)

*Haworthia altilinea* Haw. var. *inermis* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 41: 194 (1937) = *Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.: 31* (1982)

*Haworthia altilinea* Haw. var. *limpida* (Haw.) Poelln. forma *inermis* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 45: 168 (1938) = *Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.: 31* (1982)

*Haworthia altissima* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000); Type: Riebeeck East to Carlisle Bridge, Smith 5220 (NBG) = *Haworthia angustifolia* Haw. var. *altissima* M.B.Bayer, *Haworthia Revisited: 26* (1999)

*Haworthia amethysta* M.Hayashi, *Haworthia Study* 10: 1 (2003); Type: South Africa, Beaufort West, M.Hayashi 03-456 (Research Institute of Evolutionary Biology, Tokyo, holo.) = *Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited: 65* (1999)

*Haworthia angiras* M.Hayashi, *Haworthia Study* 14: 13 (2005), nom.inval. = *Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited: 34* (1999)

*Haworthia angustata* (Poelln.) Breuer, *Gen. Haworthia* 1: 7 (2010) = *Haworthia cymbiformis* (Haw.) Duval var. *cymbiformis*

*Haworthia angustifolia* Haw. forma *paucifolia* (G.G.Sm.) Pilbeam, *Haworthia & Astroloba*: 36 (1983) = *Haworthia angustifolia* Haw. var. *paucifolia* G.G.Sm., *J. S. African Bot.* 14: 48 (1948)

*Haworthia angustifolia* Haw. var. *subfalcata* Poelln., nom.inval. = *Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, *Haworthia Update 7(4): 34* (2012)

*Haworthia aquamarina* M.Hayashi, *Haworthia Study* 10: 13 (2003); Type: South Africa, N Waterford, M.Hayashi 03-427 (Research Institute of Evolutionary Biology, Tokyo, holo.) = *Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad* 16(2): 62 (2002)

- Haworthia arabesqua* M.Hayashi, *Haworthia Study* 12: 7 (2004) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia arachnoidea* (L.) Duval var. *angiras* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia arachnoidea* (L.) Duval var. *calitzdorpensis* (Breuer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016)
- Haworthia arachnoidea* (L.) Duval var. *joubertii* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *arachnoidea***
- Haworthia arachnoidea* (L.) Duval var. *laxa* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *arachnoidea***
- Haworthia arachnoidea* (L.) Duval var. *limbata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *arachnoidea***
- Haworthia aranea* (A.Berger) M.B.Bayer var. *candida* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia arcana* (Gideon F.Sm. & N.R.Crouch) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *arcana* (Gideon F.Sm. & N.R.Crouch) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthia asema* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia monticola* Fourc. var. *asema* M.B.Bayer, *Haworthia Revisited*: 117 (1999)**
- Haworthia atrofusca* G.G.Sm. var. *enigma* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *atrofusca* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012)**
- Haworthia attenuata* (Haw.) Haw. var. *glabrata* (Salm-Dyck) M.B.Bayer, *Haworthia Update* 7(4): 37 (2012); Neotype, designated by Smith & Greyling (1990): Illustration in Salm Dyck, *Aloes Mesembr.* 3: Aloe t.7.[sect 6: 13] (1840) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)**
- Haworthia badia* Poelln. var. *bobii* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *badia* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 109 (1999)**
- Haworthia badia* Poelln. var. *joleneae* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *badia* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 109 (1999)**
- Haworthia batesiana* Uitewaal var. *lepida* (G.G.Sm.) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cymbiformis* (Haw.) Duval var. *cymbiformis***
- Haworthia batesiana* Uitewaal var. *reddii* (C.L.Scott) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia marumiana* Uitewaal var. *reddii* (C.L.Scott) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012)**
- Haworthia bathylis* M.Hayashi, *Haworthia Study* 15: 116 (2004); Type: South Africa, Kouga Dam, M.Hayashi 06-81 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia bayeri* J.D.Venter & S.A.Hammer var. *hayashii* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia bayeri* J.D.Venter & S.A.Hammer var. *jadea* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia bella* M.Hayashi, *Haworthia Study* 12: 8 (2004); Type: South Africa, Houtkloof, NE Patensie, M.Hayashi 02-26 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**



- Haworthia beukmannii* (Poelln.) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia mirabilis* (Haw.) Haw. var. beukmannii (Poelln.) M.B.Bayer, *Haworthia Revisited*: 110 (1999)**
- Haworthia blackbeardiana* Poelln. var. *calaensis* (Breuer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.*: 31 (1982)**
- Haworthia blackbeardiana* Poelln. var. *specksii* (Breuer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.*: 31 (1982)**
- Haworthia blackburniae* Poelln., *Kakteenkunde* 1937: 132 (1937), nom. illegit, non F.W.Barker (1937) = ***Haworthia emelyae* Poelln. var. *emelyae***
- Haworthia bobii* M.Hayashi, *Haworthia Study* 29: 4 (2014); Type: South Africa, Lower Breede River Valley MBB 7248 (TI MH 10-30-1, holo.) = ***Haworthia mirabilis* (Haw.) Haw. var. *badia* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 109 (1999)**
- Haworthia bolusii* Baker var. *floccosa* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia borealis* M.Hayashi, *Haworthia Study* 15: 14 (2006); Type: South Africa, Penhoekpas, M.Hayashi 97-73 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia marumiana* Uitewaal var. *marumiana***
- Haworthia brevicula* (G.G.Sm.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *brevicula* (G.G.Sm.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)**
- Haworthia caerulea* M.Hayashi & Breuer var. *pallens* (Breuer & M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cooperi* Baker var. *cooperi***
- Haworthia caerulea* M.Hayashi & Breuer, *Haworthia Study* 12: 7 (2004); Type: South Africa, Helsőort, NW Grahamstown, M.Hayashi 04-27 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *gracilis* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 64 (2002)**
- Haworthia caespitosa* Poelln. var. *consanguinea* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *consanguinea* M.B.Bayer, *Haworthia Revisited*: 111 (1999)**
- Haworthia calaensis* Breuer, *Alsterworthia Int. Special Issue* 7: 5 (2004); Type: South Africa, W of Cala, I. Breuer 12513 (GRA, holo.) = ***Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.*: 31 (1982)**
- Haworthia calcarea* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia rossouwii* Poelln. var. *calcarea* (M.B.Bayer) M.B.Bayer, *Aloe* 38(1-2): 36 (2001)**
- Haworthia calva* M.Hayashi, *Haworthia Study* 12: 8 (2004); Type: South Africa, Wilgerfontein, M.Hayashi 04-28 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker, *Refug. Bot. [Saunders]* 4: t. 233 (1871)**
- Haworthia candida* M.Hayashi, *Haworthia Study* 16: 16 (2006) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia cangoensis* M.Hayashi var. *kogmanensis* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia cangoensis* M.Hayashi var. *royalis* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia cangoensis* M.Hayashi var. *tradouwensis* (Breuer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mucronata* Haw. var. *mucronata***
- Haworthia cangoensis* M.Hayashi, *Haworthia Study* 14: 13 (2005), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**

- Haworthia capillaris* M.Hayashi, *Haworthia Study* 16: 16 (2006); Type: South Africa, Pearston, M.Hayashi 03-371 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bolusii* Baker var. *bolusii***
- Haworthia ciliata* M.Hayashi, *Haworthia Study* 14: 11 (2004), nom.inval.; Type: South Africa, De Plaat, M.Hayashi 03-387 (herbarium not specified) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia coarctata* Haw. forma *chalwinii* (Marloth & A.Berger) Pilbeam, *Haworthia & Astroloba*: 52 (1983) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia coarctata* Haw. forma *conspicua* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 52 (1983) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia coarctata* Haw. forma *pseudocoarctata* (Poelln.) Resende, *Mem. Soc. Brot.* 2: 80 (1943) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia coarctatoidea* Resende & Pinto-Lopes, *Agron. Lusit.* 6: 176 (1948), nom.nud. = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia compacta* (Triebner) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia cymbiformis* (Haw.) Duval var. *cymbiformis***
- Haworthia consanguinea* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia mirabilis* (Haw.) Haw. var. *consanguinea* M.B.Bayer, *Haworthia Revisited*: 111 (1999)**
- Haworthia cooperi* Baker var. *hisui* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad* 16(2): 62 (2002)**
- Haworthia cooperi* Baker var. *minima* (M.B.Bayer) M.B.Bayer, *Alsterworthia Int.* 12(1): 9 (2012), nom. inval.; Type: Icon. (K) = ***Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia coriacea* (Resende & Poelln.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *tessellata***
- Haworthia crinita* M.Hayashi, *Haworthia Study* 10: 13 (2003); Type: South Africa, Beerpoort, NE Willowmore, M.Hayashi 03-272 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia crystallina* M.Hayashi, *Haworthia Study* 15: 16 (2006); Type: South Africa, Van Wyksdorp, M.Hayashi 05-175 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999)**
- Haworthia cummingii* Breuer & M.Hayashi, *Haworthia Study* 10: 4 (2003); Type: South Africa, Committees Drift, David M.Cumming 11214 (GRA, holo.) = ***Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia cyanea* (Baker) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia cyanea* (M.B.Bayer) M.Hayashi var. *amethysta* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia cyanea* (M.B.Bayer) M.Hayashi var. *ianthina* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia cyanea* (M.B.Bayer) M.Hayashi var. *succinea* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia cymbiformis* (Haw.) Duval forma *planifolia* (Haw.) Pilbeam, *Haworthia & Astroloba*: 61 (1983) = ***Haworthia cymbiformis* (Haw.) Duval var. *cymbiformis***
- Haworthia davidii* (Breuer) M.Hayashi & Breuer, *Haworthia Study* 14: 11 (2005); Type: SW East London, Breuer 6970 (TUAT) = ***Haworthia cooperi* Baker var. *leightonii* (G.G.Sm.) M.B.Bayer, *Haworthia Handbook*: 128 (1976)**
- Haworthia decipiens* Poelln. var. *exilis* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *decipiens***

- Haworthia decipiens* Poelln. var. *incrassa* (M.Hayashi) Breuer, *Alsterworthia* Int. 16(2): 5 (2016), nom.inval. = ***Haworthia decipiens* Poelln. var. *decipiens***
- Haworthia dentata* (M.B.Bayer) M.Hayashi, *Haworthia* Study 3: 13 (2000), hom. illegit., non H.Jacobsen (1935) = ***Haworthia floribunda* Poelln. var. *dentata* M.B.Bayer, *Haworthia Revisited*: 73 (1999)**
- Haworthia denticulifera* (Poelln.) M.Hayashi, *Haworthia* Study 3: 13 (2000) = ***Haworthia chloracantha* Haw. var. *denticulifera* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 112 (1976)**
- Haworthia depauperata* (Poelln.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia mirabilis* (Haw.) Haw. var. *triebneriana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 113 (1999)**
- Haworthia derustensis* (M.B.Bayer) M.Hayashi, *Haworthia* Study 3: 13 (2000) = ***Haworthia blackburniae* W.F.Barker var. *derustensis* M.B.Bayer, *Haworthia Revisited*: 41 (1999)**
- Haworthia dimorpha* (M.B.Bayer) M.Hayashi, *Haworthia* Study 3: 13 (2000) = ***Haworthia marumiana* Uitewaal var. *dimorpha* (M.B.Bayer) M.B.Bayer, *Haworthia Revisited*: 106 (1999)**
- Haworthia diversicolor* (Triebner & Poelln.) M.Hayashi, *Haworthia* Study 22: 11 (2010) = ***Haworthia mirabilis* (Haw.) Haw. var. *triebneriana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 113 (1999)**
- Haworthia doldii* (M.B.Bayer) M.Hayashi, *Haworthia* Study 14: 11 (2005) = ***Haworthia cooperi* Baker var. *doldii* M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia eilyae* Poelln. var. *poellnitziana* Resende, *Mem. Soc. Brot.* 2: 89 (1943), nom.illegit. = ***Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013)**
- Haworthia emeralda* M.Hayashi, *Haworthia* Study 12: 11 (2004); Type: South Africa, Koksepap, N Kirkwood, M.Hayashi 03-36 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia eminens* M.Hayashi, *Haworthia* Study 10: 13 (2003); Type: South Africa, SW Pearston, M.Hayashi 03-287 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia erii* M.Hayashi, *Haworthia* Study 14: 11 (2005), nom.inval.; Type: South Africa, E De Rust, M.Hayashi 03-219 (herbarium not specified) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia exilis* M.Hayashi, *Haworthia* Study 10: 12 (2003); Type: South Africa, De Bordjie, E. Steytlerville, M.Hayashi 03-378 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *decipiens***
- Haworthia fasciata* (Willd.) Haw. forma *subconfluens* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 43: 95 (1938) = ***Haworthiopsis fasciata* (Willd.) G.D.Rowley var. *fasciata***
- Haworthia fasciata* (Willd.) Haw. var. *browniana* (Poelln.) C.L.Scott, *Gen. Haworthia*: 21 (1985) = ***Haworthiopsis fasciata* (Willd.) G.D.Rowley var. *browniana* (Poelln.) Gildenh. & Klopper, *Phytotaxa* 265(1): 9 (2016)**
- Haworthia fasciata* (Willd.) Haw. var. *major* (Salm-Dyck) Haw., *Rev. Pl. Succ.*: 54 (1821) = ***Haworthiopsis fasciata* (Willd.) G.D.Rowley var. *fasciata***
- Haworthia flaccida* (M.B.Bayer) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia herbacea* (Mill.) Stearn var. *flaccida* M.B.Bayer, *Haworthia Revisited*: 86 (1999)**
- Haworthia flavida* M.Hayashi, *Haworthia* Study 10: 13 (2003); Type: South Africa, Darlington Dam, M.Hayashi 03-410 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *xiphophylla* (Baker) M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia floccosa* M.Hayashi, *Haworthia* Study 10: 13 (2003); Type: South Africa, Fullarton, NE Willowmore, M.Hayashi 03-271 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**

- Haworthia florens* M.Hayashi, *Haworthia Study* 12: 11 (2004); Type: South Africa, Skrikrivier, N Joubertina, M.Hayashi 03-27 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia fluffa* M.Hayashi, *Haworthia Study* 12: 9 (2004); Type: South Africa, De Plaat, N Kirkwood, M.Hayashi 04-82 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia fusca* Breuer, *Alsterworthia Int. Special Issue* 7: 9 (2004) = ***Haworthia pygmaea* Poelln. var. *fusca* (Breuer) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**
- Haworthia giftbergensis* (G.G.Sm.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia nortieri* G.G.Sm. var. *nortieri***
- Haworthia gigantea* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *gigantea* (M.B.Bayer) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthia glabrata* Baker var. *concolor* (Salm-Dyck) Baker, *Bot. J. Linn. Soc., Bot.* 18(109): 206 (1880) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)**
- Haworthia glabrata* Baker var. *perviridis* (Salm-Dyck) Baker, *Bot. J. Linn. Soc., Bot.* 18(109): 206 (1880) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)**
- Haworthia glauca* Baker forma *jacobseniana* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 74 (1983) = ***Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthia glauca* Baker forma *jonesiae* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 74 (1983) = ***Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthia glaucophylla* (M.B.Bayer) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *glaucophylla* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 7 (2016)**
- Haworthia globifera* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia pulchella* M.B.Bayer var. *globifera* M.B.Bayer, *Haworthia Revisited*: 136 (1999)**
- Haworthia gracilis* Poelln. var. *minima* M.B.Bayer, as (M.B.Bayer) M.B.Bayer (1999); Iconotype: (K) = ***Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia graminifolia* G.G.Sm. var. *derustensis* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia blackburniae* W.F.Barker var. *derustensis* M.B.Bayer, *Haworthia Revisited*: 41 (1999)**
- Haworthia greenii* Haw. forma *bakeri* Resende, *Mem. Soc. Brot.* 2: 87 (1943) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia groenewaldii* Breuer, *Alsterworthia Int.* 11(2): 15 (2011); Type: South Africa, Buffeljagsrivier, J.Groenewald s.n. (NBG MBB7801, holo.) = ***Haworthia mutica* Haw., *Revis. Pl. Succ.*: 55 (1821)**
- Haworthia hamata* M.Hayashi var. *subhamata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia hamata* M.Hayashi, *Haworthia Study* 10: 12 (2003); Type: South Africa, Paardepoort, NW Sapkamma, M.Hayashi 03-424 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia harrvi* M.Hayashi, *Haworthia Study* 12: 9 (2004); Type: South Africa, Uniondale, M.Hayashi 03-294 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**

- Haworthia hastata* M.Hayashi, *Haworthia Study* 12: 9 (2004); Type: South Africa, Baviaanskrans, E Somerset East, M.Hayashi 03-189 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad* 16(2): 62 (2002)**
- Haworthia herrei* Poelln. var. *poellnitzii* Resende, *Bol. Soc. Brot.* 15: 164 (1941), nom.illegit. = ***Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthia hisui* M.Hayashi, *Haworthia Study* 12: 10 (2004); Type: South Africa, Cookhouse, M.Hayashi 03-288 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad* 16(2): 62 (2002)**
- Haworthia ianthina* M.Hayashi, *Haworthia Study* 14: 12 (2005), nom.inval.; Type: South Africa, N Uniondale, M.Hayashi 03-199 (Herbarium not specified) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**
- Haworthia ikra* Breuer, *Gen. Haworthia* 1: 7 (2010), nom. nov. pro *Haworthia obtusa* f. *truncata* H.Jacobsen (1955) = ***Haworthia cooperi* Baker var. *truncata* (H.Jacobsen) M.B.Bayer, *Haworthia Revisited*: 55 (1999)**
- Haworthia inconfluens* (Poelln.) M.B.Bayer var. *crystallina* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999)**
- Haworthia inconfluens* (Poelln.) M.B.Bayer var. *habdomadis* (Poelln.) M.B.Bayer, *Haworthia Handb.*: 121 (1976), nom.inval. = ***Haworthia mucronata* Haw. var. *habdomadis* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 120 (1999)**
- Haworthia inconfluens* (Poelln.) M.B.Bayer var. *lockwoodii* (Archibald) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia lockwoodii* Archibald, *Fl. Pl. South Africa* 20: t. 792 (1940)**
- Haworthia inconfluens* (Poelln.) M.B.Bayer var. *morrisiae* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 137 (1976) = ***Haworthia mucronata* Haw. var. *morrisiae* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 49: 29 (1940)**
- Haworthia inconfluens* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 123 (1976) = ***Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999)**
- Haworthia incrassa* M.Hayashi, *Haworthia Study* 14: 12 (2005), nom.inval.; Type: South Africa, Redcliffe, Willowmore, M.Hayashi 04-102 (Herbarium not specified) = ***Haworthia decipiens* Poelln. var. *decipiens***
- Haworthia indigoa* M.Hayashi var. *truterorum* (Breuer & Marx) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia indigoa* M.Hayashi, *Haworthia Study* 12: 13 (2004); Type: South Africa, E Ezelyacht, E Herold, M.Hayashi 03-298 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia insipida* Breuer, *Gen. Haworthia* 1: 7 (2010), nom.nov. pro *Haworthia zantneriana* var. *minor* M.B.Bayer (1999) = ***Haworthia zantneriana* Poelln. var. *minor* M.B.Bayer, *Haworthia Revisited*: 164 (1999)**
- Haworthia intermedia* Poelln., *Kakteenkunde* 1937: 133 (1937), p.p. = ***Haworthia reticulata* (Haw.) Haw. var. *reticulata***
- Haworthia intermedia* Poelln., *Kakteenkunde* 1937: 133 (1937), p.p. = ***Haworthia reticulata* (Haw.) Haw. var. *reticulata***
- Haworthia isabellae* Poelln. var. *arabesqua* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia isabellae* Poelln. var. *bella* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**

- Haworthia isabellae* Poelln. var. *ligulata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia jadea* M.Hayashi, *Haworthia Study* 12: 13 (2004); Type: South Africa, Kamanassie ["Kammanassie"], M.Hayashi 03-299 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia jakubii* Breuer, *Alsterworthia Int. Special Issue* 7: 10 (2004); Type: South Africa, Melkhoutkraal, David M. Cumming 11238 (IB12762) (GRA, holo.) = ***Haworthia mirabilis* (Haw.) Haw. var. *paradoxa* (Poelln.) M.B.Bayer, *Aloe* 34(1–2): 6 (1997)**
- Haworthia jansenvillensis* Breuer var. *crinita* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer var. *eminens* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer var. *flavida* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *xiphiophylla* (Baker) M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer var. *fluffa* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer var. *mollis* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer var. *regina* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia jansenvillensis* Breuer, *Alsterworthia Int.* 4(2): 16 (2004); Type: South Africa, North of Jansenville, Ingo Breuer 6996 (GRA, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia janvlokii* (Breuer) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia emelyae* Poelln. var. *emelyae***
- Haworthia jeffreis* M.Hayashi, *Haworthia Study* 12: 10 (2004); Type: South Africa, Jeffrey's Bay, M.Hayashi 03-83 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia johanii* (M.Hayashi) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis scabra* (Haw.) G.D.Rowley var. *scabra***
- Haworthia joleneae* M.Hayashi, *Haworthia Study* 29: 4 (2014); Type: South Africa, Melkhoutrivier, MBB 7609 (TI MH 13-163, holo.) = ***Haworthia mirabilis* (Haw.) Haw. var. *badia* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 109 (1999)**
- Haworthia joubertii* M.Hayashi, *Haworthia Study* 14: 16 (2005), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *arachnoidea***
- Haworthia kogmansensis* M.Hayashi, *Haworthia Study* 14: 14 (2005), nom.inval. = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia kondoi* M.Hayashi, *Haworthia Study* 3: 13 (2000), nom. nov. pro *Haworthia floribunda* var. major M.B.Bayer (1999) = ***Haworthia floribunda* Poelln. var. *major* M.B.Bayer, *Haworthia Revisited*: 74 (1999)**
- Haworthia lachnosa* M.Hayashi, *Haworthia Study* 16: 16 (2004); Type: South Africa, Holrivier, M.Hayashi 03-26 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia laeta* M.Hayashi, *Haworthia Study* 12: 13 (2004); Type: South Africa, Western Cape, De Rust, M.Hayashi 03/295 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia laetivirens* Haw., *Suppl. Pl. Succ.*: 43 (1819) = ***Haworthia retusa* (L.) Duval var. *turgida* (Haw.) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**
- Haworthia lapis* Breuer & M.Hayashi var. *rava* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 5 (2016), nom.inval. = ***Haworthia aristata* Haw., *Suppl. Pl. Succ.*: 51 (1819)**

- Haworthia lapis* Breuer & M.Hayashi, *Alsterworthia Int. Special Issue 7*: 6 (2004) = *Haworthia aristata* Haw., **Suppl. Pl. Succ.: 51 (1819)**
- Haworthia lavranii* (C.L.Scott) Breuer, *Gen. Haworthia 1*: 7 (2010); Type: Perdehoek, Little Karoo, hechter s.n. PRE61124 (PRE) = *Haworthiopsis sordida* (Haw.) G.D.Rowley var. *lavranii* (C.L.Scott) G.D.Rowley, *Alsterworthia Int. Special Issue 10*: 5 (2013)
- Haworthia laxa* M.Hayashi, *Haworthia Study 14*: 14 (2005), nom.inval. = *Haworthia arachnoidea* (L.) Duval var. *arachnoidea*
- Haworthia lazulis* M.Hayashi, *Haworthia Study 14*: 11 (2005), nom.inval.; Type: South Africa, Stonefontein, M.Hayashi 02-24 (Herbarium not specified) = *Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad 16(2)*: 62 (2002)
- Haworthia ligulata* M.Hayashi, *Haworthia Study 12*: 6 (2004); Type: South Africa, Loerie Dam, E. Hankey, M.Hayashi 03-438 (Research Inst. Evol. Biol., Tokyo, holo.) = *Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)
- Haworthia limbata* M.Hayashi, *Haworthia Study 14*: 16 (2005), nom.inval. = *Haworthia arachnoidea* (L.) Duval var. *arachnoidea*
- Haworthia limifolia* Marloth forma *major* (Resende) Pilbeam, *Haworthia & Astroloba*: 87 (1983) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthia limifolia* Marloth forma *marlothiana* Resende, *Bol. Soc. Brot.* 15: 200 (1941) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthia limifolia* Marloth subsp. *koelmaniorum* (Oberm. & D.S.Hardy) Halda, *Acta Mus. Richnov., Sect. Nat.* 4(2): 38 (1997) = *Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 70 (2014)
- Haworthia limifolia* Marloth var. *marlothiana* (Resende) Resende, *Mem. Soc. Brot.* 2: 93 (1943) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthia limifolia* Marloth var. *schuldtiana* Resende, *Mem. Soc. Brot.* 2: 93 (1943) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthia limifolia* Marloth var. *striata* Pilbeam, *Haworthia & Astroloba*: 87 (1983), nom.inval. = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthia lupula* (M.B.Bayer) M.Hayashi, *Haworthia Study 3*: 13 (2000) = *Haworthia herbacea* (Mill.) Stearn var. *lupula* M.B.Bayer, *Haworthia Revisited*: 86 (1999)
- Haworthia luri* M.Hayashi, *Haworthia Study 14*: 11 (2005), nom. inval.; Type: South Africa, Addo, M.Hayashi 03-448 (herbarium not specified) = *Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)
- Haworthia maculata* (Poelln.) M.B.Bayer var. *livida* (M.B.Bayer) M.B.Bayer, *Haworthiad Sp. ed.*: 10 (2012); Type: South Africa, Worcester, Lemoenpoort, Bayer 1128 (NBG)
- Haworthia magnifica* Poelln. var. *asperula* (Haw.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, *Haworthia Update 7(4)*: 34 (2012)
- Haworthia magnifica* Poelln. var. *intermedia* (Poelln.) M.B.Bayer = *Haworthia reticulata* (Haw.) Haw. var. *reticulata*
- Haworthia magnifica* Poelln. var. *obserata* (Marx) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia emelyae* Poelln. var. *multifolia* M.B.Bayer, *Natl. Cact. Succ. J.* 34(2): 31 (1979)
- Haworthia major* (Aiton) Duval, *Pl. Succ. Hort. Alenc.*: 7 (1809) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 70 (2014)
- Haworthia maraisii* Poelln. var. *magnifica* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 131 (1976) = *Haworthia mirabilis* (Haw.) Haw. var. *magnifica* (Poelln.) M.B.Bayer, *Haworthia Update 7(4)*: 34 (2012)
- Haworthia maraisii* Poelln. var. *schuldtiana* (Poelln.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, *Haworthia Update 7(4)*: 34 (2012)
- Haworthia margaritifera* (L.) Haw. var. *erecta* (Haw.) Baker, *J. Linn. Soc., Bot.* 18: 201 (1880) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 70 (2014)

- Haworthia margaritifera* (L.) Haw. var. *granata* (Willd.) Baker, J. Linn. Soc., Bot. 18: 205 (1880) = ***Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)**
- Haworthia margaritifera* (L.) Haw. var. *semimargaritifera* (Salm-Dyck) Baker, J. Linn. Soc., Bot. 18: 204 (1880) = ***Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)**
- Haworthia marginata* (Lam.) Stearn var. *laevis* (Haw.) H.Jacobsen, Handb. Succ. Pl. 2: 567 (1960) = ***Tulista marginata* (Lam.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)**
- Haworthia marginata* (Lam.) Stearn var. *ramifera* (Haw.) H.Jacobsen, Handb. Succ. Pl. 2: 567 (1960) = ***Tulista marginata* (Lam.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)**
- Haworthia marginata* (Lam.) Stearn var. *virescens* (Haw.) Uitewaal, Succulenta (Netherlands) 21: 40 (1939) = ***Tulista marginata* (Lam.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)**
- Haworthia marmorata* M.Hayashi, *Haworthia Study* 15: 14 (2006); Type: South Africa, Tierberg, M.Hayashi 03-205 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia marumiana* Uitewaal var. *marumiana***
- Haworthia marumiana* Uitewaal var. *marmorata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia marumiana* Uitewaal var. *marumiana***
- Haworthia marumiana* Uitewaal var. *reddii* (C.L.Scott) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type: South Africa, Cathcart, Waterdoen Dam, Scott 8968 (PRE)**
- Haworthia minima* (Aiton) Haw. var. *major* Poelln., *Kakteenkunde* 1938: 39 (1938) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia minima* Baker, J. Linn. Soc., Bot. 18: 215 (1880), hom. illegit., non (Aiton) Haw. (1812) = ***Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia minor* (Aiton) Duval, *Pl. Succ. Hort. Alenc.*: 7 (1809) = ***Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)**
- Haworthia mirabilis* (Haw.) Haw. var. *atrofusca* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type: South Africa, Dekenah 225 sub Smith 6169 (NBG)
- Haworthia mirabilis* (Haw.) Haw. var. *depauperata* (Poelln.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *triebneriana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 113 (1999)**
- Haworthia mirabilis* (Haw.) Haw. var. *heidelbergensis* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type: South Africa, W Heidelberg, J. Dekenah 230 in Smith 6566 (NBG)
- Haworthia mirabilis* (Haw.) Haw. var. *magnifica* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type: South Africa, Riversdale, Ferguson (BOL, lecto.) Lectotype designated by Breuer & Metzger, *Taxon* 46: (1997).
- Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type (icono.): Swellendam, Marais in Swellendam 6410 (B)
- Haworthia mirabilis* (Haw.) Haw. var. *meiringii* (M.B.Bayer) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, E of Bonnievale, Bayer in KG 224/70 (NBG)
- Haworthia mirabilis* (Haw.) Haw. var. *mundula* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, on Elim road, Smith 5479 (NBG, holo.)
- Haworthia mirabilis* (Haw.) Haw. var. *notabilis* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: unpublished image (B, lecto.) Lectotype designated by Breuer & Metzger, *Taxon* 46: (1997).
- Haworthia mirabilis* (Haw.) Haw. var. *scabra* (M.B.Bayer) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, Drew, Leeurivier, Bayer 1700 (NBG)
- Haworthia mirabilis* (Haw.) Haw. var. *splendens* (S.A.Hammer & J.D.Venter) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, W Albertinia, Venter (NBG)



*Haworthia mirabilis* (Haw.) Haw. var. *toonensis* (M.B.Bayer) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, Heidelberg, Matjestoon, Smith 6797 (NBG)

*Haworthia modesta* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = *Haworthia variegata* L.Bolus var. *modesta* M.B.Bayer, *Haworthia Revisited*: 159 (1999)

*Haworthia mollis* M.Hayashi, *Haworthia Study* 10: 14 (2003); Type: South Africa, Waterford, M.Hayashi 03-426 (Research Institute of Evolutionary Biology, Tokyo, holo.) = *Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)

*Haworthia montana* M.Hayashi, *Haworthia Study* 14: 14 (2005), nom.inval.; Type: South Africa, Ouberg Pass, M.Hayashi 03-004 (herbarium not specified) = *Haworthia nortieri* G.G.Sm. var. *nortieri*

*Haworthia monticola* Fourc. var. *bronkhorstii*, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia monticola* Fourc. var. *monticola*

*Haworthia mucronata* Haw. var. *limpida* (Haw.) Poelln. forma *inconfluens* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 49: 29 (1940) = *Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999)

*Haworthia multifolia* (M.B.Bayer) M.Hayashi var. *breueri* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia emelyae* Poelln. var. *emelyae*

*Haworthia multifolia* (M.B.Bayer) M.Hayashi var. *major* (G.G.Sm.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia emelyae* Poelln. var. *major* (G.G.Sm.) M.B.Bayer, *Aloe* 34(1-2): 6 (1997)

*Haworthia multifolia* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = *Haworthia emelyae* Poelln. var. *multifolia* M.B.Bayer, *Natl. Cact. Succ. J.* 34(2): 31 (1979)

*Haworthia multilineata* (G.G.Sm.) C.L.Scott, *Gen. Haworthia*: 134 (1985) = *Haworthia retusa* (L.) Duval var. *retusa*

*Haworthia mundula* G.G.Sm. var. *calcareo* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = *Haworthia rossouwii* Poelln. var. *calcareo* (M.B.Bayer) M.B.Bayer, *Aloe* 38(1-2): 36 (2001)

*Haworthia namaquensis* (M.B.Bayer) Breuer, *Gen. Haworthia* 1: 7 (2010); Type: Karrachabpoort, Richtersveld, Bayer 1674 (NBG) = *Haworthia arachnoidea* (L.) Duval var. *namaquensis* M.B.Bayer, *Haworthia Revisited*: 31 (1999)

*Haworthia nigra* (Haw.) Baker var. *angustata* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *nigra*

*Haworthia nigra* (Haw.) Baker var. *diversifolia* Poelln. forma *nana* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *diversifolia* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)

*Haworthia nigra* (Haw.) Baker var. *elongata* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948); Type: Slagtersnek, Van Jaarsveld & Marthinus 7913 (NBG, neo.) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *elongata* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)

*Haworthia nigra* (Haw.) Baker var. *pusilla* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *nigra*

*Haworthia nigra* (Haw.) Baker var. *schmidtiana* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948) = *Haworthia nortieri* G.G.Sm. var. *nortieri*

*Haworthia nigra* (Haw.) Baker var. *suberecta* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *nigra*

*Haworthia nigra* (Haw.) Poelln. forma *angustata* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 101 (1983) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *nigra*

*Haworthia nigra* (Haw.) Poelln. forma *nana* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 101 (1983) = *Haworthiopsis nigra* (Haw.) G.D.Rowley var. *diversifolia* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)

*Haworthia nigrata* M.Hayashi, *Haworthia Study* 15: 14 (2006) = *Haworthia arachnoidea* (L.) Duval var. *nigricans* (Haw.) M.B.Bayer, *Haworthia Revisited*: 32 (1999)

- Haworthia nitidula* Poelln. var. *opaca* Poelln., Desert Pl. Life 20: 6 (1948), nom. nud. = ***Haworthia mirabilis* (Haw.) Haw. var. *notabilis* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012)**
- Haworthia nortieri* G.G.Sm. var. *agnis* (Battista) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia nortieri* G.G.Sm. var. *nortieri***
- Haworthia nortieri* G.G.Sm. var. *albispina* (M.Hayashi) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012); Type: South Africa, E Laingsburg, Hayasi 02-48 (TUAT)
- Haworthia nortieri* G.G.Sm. var. *devriesii* (Breuer) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012); Type: South Africa, Prince Albert, Breuer 6930 (TUAT)
- Haworthia nortieri* G.G.Sm. var. *montana* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.inval., nom.illegit. non G.G.Sm. (1950) = ***Haworthia nortieri* G.G.Sm. var. *nortieri***
- Haworthia notabilis* Poelln. var. *diversicolor* (Triebner & Poelln.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *triebneriana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 113 (1999)**
- Haworthia obesa* (Poelln.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthia cymbiformis* (Haw.) Duval var. *setulifera* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 62 (1999)**
- Haworthia obserata* Marx, *Alsterworthia Int.* 14(1): 17 (2014); Type: South Africa, Brandrivier, between Barrydale and Garcia's Pass, Martin Scott WMS 102 (GRA, holo.) = ***Haworthia emelyae* Poelln. var. *multifolia* M.B.Bayer, *Natl. Cact. Succ. J.* 34(2): 31 (1979)**
- Haworthia obtusa* Haw. var. *dielsiana* (Poelln.) Uitewaal forma *acuminata* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 29: 50 (1948) = ***Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)**
- Haworthia obtusa* Haw. var. *dielsiana* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 29: 50 (1948) = ***Haworthia cooperi* Baker var. *dielsiana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 51 (1999)**
- Haworthia obtusa* Haw. var. *gordoniana* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 29: 50 (1948) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia obtusa* Haw. var. *salina* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 29: 50 (1948) = ***Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)**
- Haworthia obtusa* Haw. var. *stayneri* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 29: 50 (1948) = ***Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)**
- Haworthia oculata* M.Hayashi, *Haworthia Study* 12: 10 (2004); Type: South Africa, Komdomo, W Patensie, M.Hayashi 03-432 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *picturata* (M.B.Bayer) M.B.Bayer, *Haworthia Int.* 16(2): 65 (2002)**
- Haworthia odetteae* Breuer var. *odyssei* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.inval. = ***Haworthia bolusii* Baker var. *bolusii***
- Haworthia odyssei* M.Hayashi, *Haworthia Study* 14: 13 (2005), nom.inval.; Type: South Africa, Somerset East, M.Hayashi 05-1 (herbarium not specified) = ***Haworthia bolusii* Baker var. *bolusii***
- Haworthia okhuwae* M.Hayashi, *Haworthia Study* 16: 13 (2006), as 'ohkuwai' = ***Tulista pumila* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013)**
- Haworthia olivacea* (G.G.Sm.) Breuer, *Gen. Haworthia* 1: 7 (2010) = ***Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *olivacea*, *Phytotaxa* 265(1): 11 (2016)**
- Haworthia pallens* Breuer & M.Hayashi, *Alsterworthia Int. Special Issue* 7: 7 (2004); Type: South Africa, NE of Grahamstown, M.B. Bayer 6603 (IB5956) (GRA, holo.) = ***Haworthia cooperi* Baker var. *cooperi***
- Haworthia pallidifolia* (G.G.Sm.) Breuer, *Gen. Haworthia* 1: 7 (2010), isonym = ***Haworthia retusa* (L.) Duval var. *suberecta* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**

- Haworthia papillaris* Breuer, Gen. *Haworthia* 1: 7 (2010), nom.nov. pro *Haworthia truncata* var. minor Breuer (2003) = ***Haworthia truncata* Schönland var. *truncata***
- Haworthia paradoxa* Poelln. var. *jakubii* (Breuer) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia mirabilis* (Haw.) Haw. var. *paradoxa* (Poelln.) M.B.Bayer, *Aloe* 34(1–2): 6 (1997)**
- Haworthia parksiana* Poelln. var. *dentata* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia floribunda* Poelln. var. *dentata* M.B.Bayer, *Haworthia Revisited*: 73 (1999)**
- Haworthia paucifolia* (G.G.Sm.) M.Hayashi, *Haworthia Study* 22: 11 (2010); Type: Frazers Camp, Smith 6919 (PRE) = ***Haworthia angustifolia* Haw. var. *paucifolia* G.G.Sm., *J. S. African Bot.* 14: 48 (1948)**
- Haworthia pectinis* M.Hayashi, *Haworthia Study* 10: 13 (2003) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia pehlemanniae* C.L.Scott var. *albispina* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia nortieri* G.G.Sm. var. *albispina* (M.Hayashi) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012)**
- Haworthia pellucida* M.Hayashi, *Haworthia Study* 14: 12 (2005), nom.inval.; Type: South Africa, Waaipoort, M.Hayashi 03-279 (Herbarium not specified) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, *Haworthiad* 16(2): 63 (2002)**
- Haworthia petrophila* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia rossouwii* Poelln. var. *minor* (M.B.Bayer) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**
- Haworthia picta* Poelln. var. *comptoniana* (G.G.Sm.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia emelyae* Poelln. var. *comptoniana* (G.G.Sm.) J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 77 (1997)**
- Haworthia picturata* (M.B.Bayer) M.Hayashi var. *pusilla* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia picturata* (M.B.Bayer) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia cooperi* Baker var. *picturata* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia pilifera* Baker var. *gordoniana* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 237 (1938) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia pilifera* Baker var. *salina* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 237 (1938) = ***Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)**
- Haworthia pilifera* Baker var. *stayneri* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 237 (1938) = ***Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, *Haworthia Revisited*: 54 (1999)**
- Haworthia pilosa* M.Hayashi var. *ciliata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.inval. = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia pilosa* M.Hayashi var. *lachnosa* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia pilosa* M.Hayashi, *Haworthia Study* 12: 7 (2004); Type: South Africa, Rooikloof, Baviaanskloof, M.Hayashi 04-31 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia pringlei* C.L.Scott var. *hastata* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia bolusii* Baker var. *pringlei* (C.L.Scott) M.B.Bayer, *Haworthiad* 16(2): 62 (2002)**
- Haworthia pseudotortuosa* (Salm-Dyck) Haw., *Suppl. Pl. Succ.*: 59 (1819) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa***

- Haworthia pumila* (L.) M.B.Bayer subsp. *attenuata* (Haw.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 36 (1997) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)**
- Haworthia pumila* (L.) M.B.Bayer subsp. *fasciata* (Willd.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 37 (1997) = ***Haworthiopsis fasciata* (Willd.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)**
- Haworthia pumila* (L.) M.B.Bayer subsp. *longiana* (Poelln.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 37 (1997) = ***Haworthiopsis longiana* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013)**
- Haworthia pumila* (L.) M.B.Bayer subsp. *radula* (Jacq.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 37 (1997) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)**
- Haworthia pumila* (L.) M.B.Bayer var. *smitii* (Poelln.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 36 (1997) = ***Haworthiopsis scabra* (Haw.) G.D.Rowley var. *smitii* (Poelln.) Gildenh. & Klopper, Phytotaxa 265(1): 17 (2016)**
- Haworthia pusilla* M.Hayashi, Haworthia Study 12: 10 (2004); Type: South Africa, Newlands, W Patensie, M.Hayashi 03-28 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, Haworthia Revisited: 52 (1999)**
- Haworthia pygmaea* Poelln. var. *acuminata* (M.B.Bayer) M.B.Bayer, Haworthia Update 7(4): 36 (2012); Type: South Africa, N of Gouritzmond, Bayer in KG311/73 (NBG, holo.)
- Haworthia pygmaea* Poelln. var. *dekenahii* (G.G.Sm.) M.B.Bayer, Haworthia Update 7(4): 36 (2012); Type: South Africa, Farm Draaihoek, J. Dekenah 86 sub SMith 5489 (NBG)
- Haworthia pygmaea* Poelln. var. *esterhuizenii* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 6 (2016), isonym = ***Haworthia pygmaea* Poelln. var. *dekenahii* (G.G.Sm.) M.B.Bayer, Haworthia Update 7(4): 36 (2012)**
- Haworthia pygmaea* Poelln. var. *esterhuizenii* (M.Hayashi) M.B.Bayer; Type: South Africa, Albertinia, Hayashi 96-6 (TUAT) = ***Haworthia pygmaea* Poelln. var. *dekenahii* (G.G.Sm.) M.B.Bayer, Haworthia Update 7(4): 36 (2012)**
- Haworthia pygmaea* Poelln. var. *fusca* (Breuer) M.B.Bayer, Haworthia Update 7(4): 36 (2012); Type: South Africa, W Albetinia, Breuer 8971 (GRA)
- Haworthia pygmaea* Poelln. var. *vincentii* (Breuer) M.B.Bayer, Haworthia Update 7(4): 36 (2012); Type: South Africa, NE Albertinia, Vincent De Vries 071 (IB5424) (GRA, holo.)
- Haworthia radula* (Jacq.) Haw. var. *asperior* Haw., Revis. Pl. Succ.: 54 (1821) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)**
- Haworthia radula* (Jacq.) Haw. var. *laevior* Haw., Revis. Pl. Succ.: 54 (1821) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, Alsterworthia Int. 15(1): 2 (2015)**
- Haworthia radula* Haw. var. *magniperlata* Haw., Revis. Pl. Succ.: 54 (1821) = ***Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata***
- Haworthia rava* M.Hayashi, Haworthia Study 14: 11 (2005), nom.inval. = ***Haworthia aristata* Haw., Suppl. Pl. Succ.: 51 (1819)**
- Haworthia regina* M.Hayashi, Haworthia Study 10: 14 (2003); Type: South Africa, N Klipplaat, M.Hayashi 03-274 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *virella* M.B.Bayer, Haworthiad 16(2): 63 (2002)**
- Haworthia reinwardtii* (Salm-Dyck) Haw. subsp. *coarctata* (Haw.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 40 (1997) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)**
- Haworthia reinwardtii* (Salm-Dyck) Haw. subsp. *glauca* (Baker) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 41 (1997) = ***Haworthiopsis glauca* (Baker) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)**

- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *chalwinii* (Marloth & A.Berger) Resende, Mem. Soc. Brot. 2: 80 (1943) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *fallax* Poelln., Repert. Spec. Nov. Regni Veg.41: 209 (1937) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *greenii* (Baker) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 41 (1997) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata***
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *haworthii* Resende, Mem. Soc. Brot. 2: 79 (1943) = ***Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* forma *reinwardtii***
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *herrei* (Poelln.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 41 (1997) = ***Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013)**
- Haworthia retusa* (L.) Duval var. *longibracteata* (G.G.Sm.) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012); Type: South Africa, near Stilbaai, Dekenah 18 sub Smith 5378 (NBG)**
- Haworthia retusa* (L.) Duval var. *nigra* (M.B.Bayer) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012); Type: South Africa, Kransriviermond, Smith 5753 (NBG)**
- Haworthia retusa* (L.) Duval var. *suberecta* (Poelln.) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012); Type: South Africa, Brandwacht, Bayer s.n. KG 631/69 (NBG, neo.) Neotype designated by Bayer (1999).**
- Haworthia retusa* (L.) Duval var. *turgida* (Haw.) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012); Type: South Africa, Swellendam, Breede River Bridge, Bayer 2420 (NBG, neo.) Neotype designated by Breuer & Metzger, *Taxon* 46: (1997).**
- Haworthia retusa* Duval subsp. *emelyae* (Poelln.) Halda var. *bruynsii* (M.B.Bayer) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 49 (1997) = *Haworthiopsis bruynsii* (M.B.Bayer) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013)**
- Haworthia retusa* Duval var. *fouchei* (Poelln.) Breuer, *Alsterworthia* Int. 16(2): 6 (2016) = *Haworthia retusa* (L.) Duval var. *retusa***
- Haworthia retusa* Duval var. *fusca* (Breuer) Breuer, *Alsterworthia* Int. 16(2): 6 (2016) = *Haworthia pygmaea* Poelln. var. *fusca* (Breuer) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012)**
- Haworthia rooibergensis* (Esterhuizen & Battista) Breuer var. *erii* (M.Hayashi) Breuer, *Alsterworthia* Int. 16(2): 6 (2016), nom.inval. = *Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia* Revisited: 65 (1999)**
- Haworthia rooibergensis* (Esterhuizen & Battista) Breuer, *Alsterworthia* Int. 16(2): addendum (2016) = *Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia* Revisited: 121 (1999)**
- Haworthia rooivleiensis* Breuer, *Gen. Haworthia* 1: 7 (2010) = *Haworthia rossouwii* Poelln. var. *minor* (M.B.Bayer) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012)**
- Haworthia rossouwii* Poelln. var. *calcarea* (M.B.Bayer) M.B.Bayer, *Aloe* 38(1-2): 36 (2001); Type: South Africa, Bredasdorp, De Hoop, Burgers 1648 (NBG)**
- Haworthia rossouwii* Poelln. var. *elizeae* (Breuer) M.B.Bayer, *Haworthia* Update 2.2: 153 (2006); Type: South Africa, W Swellendam, Breuer 6963 (TUAT)**
- Haworthia rossouwii* Poelln. var. *minor* (M.B.Bayer) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012); Type: South Africa, Bredasdorp, Rooivlei, Bayer sub KG 36/70 (NBG)**
- Haworthia rossouwii* Poelln. var. *petrophila* (M.B.Bayer) M.B.Bayer, *Aloe* 38(1-2): 36 (2001) = *Haworthia rossouwii* Poelln. var. *minor* (M.B.Bayer) M.B.Bayer, *Haworthia* Update 7(4): 36 (2012)**
- Haworthia rossouwii* Poelln. var. *scabra* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 6 (2016) = *Haworthia mirabilis* (Haw.) Haw. var. *scabra* (M.B.Bayer) M.B.Bayer, *Haworthia* Update 7(4): 35 (2012)**
- Haworthia rossouwii* Poelln. var. *serrata* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 6 (2016) = *Haworthia rossouwii* Poelln. var. *rossouwii***

- Haworthia rossouwii* Poelln., Kakteenkunde 1938: 75 (1938); Type: unpublished image (B, lecto.) Lectotype designated by Bayer & Manning, Haworthiad Special Edition: 16 (2012).
- Haworthia royalis* M.Hayashi, Haworthia Study 14: 13 (2005), nom.inval.; Type: South Africa, Velmoed, M.Hayashi 03-256 (herbarium not specified) = *Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, **Haworthia Revisited: 34 (1999)**
- Haworthia rugosa* (Salm-Dyck) Baker var. *perviridis* (Salm-Dyck) A.Berger, Das Pflanzenr. [Engl & Prantl] IV.38(33): 92 (1908) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata*
- Haworthia sakai* M.Hayashi, Haworthia Study 3: 13 (2000), nom. nov. pro *Haworthia altilinea* var. *morrisiae* Poelln. (1938) = *Haworthia mucronata* Haw. var. *morrisiae* (Poelln.) Poelln., **Repert. Spec. Nov. Regni Veg. 49: 29 (1940)**
- Haworthia salina* (Poelln.) M.Hayashi var. *venusta* (C.L.Scott) Breuer, Alsterworthia Int. 16(2): 6 (2016) = *Haworthia cooperi* Baker var. *venusta* (C.L.Scott) M.B.Bayer, **Haworthia Revisited: 56 (1999)**
- Haworthia salina* (Poelln.) M.Hayashi, Haworthia Study 22: 11 (2010) = *Haworthia cooperi* Baker var. *pilifera* (Baker) M.B.Bayer, **Haworthia Revisited: 54 (1999)**
- Haworthia scabra* Haw. subsp. *granulata* (Marloth) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 35 (1997) = *Haworthiopsis granulata* (Marloth) G.D.Rowley, **Alsterworthia Int. Special Issue 10: 4 (2013)**
- Haworthia scabra* Haw. subsp. *sordida* (Haw.) Halda var. *lavranii* (C.L.Scott) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 35 (1997) = *Haworthiopsis sordida* (Haw.) G.D.Rowley var. *lavranii* (C.L.Scott) G.D.Rowley, **Alsterworthia Int. Special Issue 10: 5 (2013)**
- Haworthia scabra* Haw. subsp. *starkiana* (Poelln.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 35 (1997) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *starkiana* (Poelln.) G.D.Rowley, **Alsterworthia Int. Special Issue 10: 5 (2013)**
- Haworthia scabra* Haw. var. *tuberculata* (Poelln.) Halda, Acta Mus. Richnov., Sect. Nat. 4(2): 35 (1997) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *scabra*
- Haworthia scabra* Haw. var. *tuberculata* (Poelln.) M.Hayashi, Haworthia Study 3: 13 (2000), nom.illegit.superfl. = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *scabra*
- Haworthia scabrida* Breuer, Gen. Haworthia 1: 8 (2010), nom. nov. pro *Haworthia heidelbergensis* var. *scabra* M.B.Bayer (1999) = *Haworthia mirabilis* (Haw.) Haw. var. *scabra* (M.B.Bayer) M.B.Bayer, **Haworthia Update 7(4): 35 92012)**
- Haworthia scabrispina* (M.B.Bayer) Breuer, Gen. Haworthia 1: 8 (2010); Type: Bavariaans, Bayer 2105 (NBG) = *Haworthia arachnoidea* (L.) Duval var. *scabrispina* M.B.Bayer, **Haworthia Revisited: 34 (1999)**
- Haworthia schuldtiana* Poelln. var. *whitesloaneana* (Poelln.) Poelln., Repert. Spec. Nov. Regni Veg. 49: 26 (1940) = *Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, **Haworthia Update 7(4): 34 (2012)**
- Haworthia setata* Haw. var. *bijliana* (Poelln.) Poelln. subvar. *joubertii* (Poelln.) Poelln., Repert. Spec. Nov. Regni Veg. 44: 224 (1938) = *Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, **Haworthia Revisited: 121 (1999)**
- Haworthia setata* Haw. var. *gigas* (Poelln.) Poelln., Repert. Spec. Nov. Regni Veg. 44: 224 (1938) = *Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, **Haworthia Revisited: 34 (1999)**
- Haworthia setata* Haw. var. *joubertii* (Poelln.) H.Jacobsen = *Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, **Haworthia Revisited: 121 (1999)**
- Haworthia setata* Haw. var. *xiphiophylla* (Baker) Poelln., Repert. Spec. Nov. Regni Veg. 44: 225 (1938) = *Haworthia decipiens* Poelln. var. *xiphiophylla* (Baker) M.B.Bayer, **Haworthiad 16(2): 63 (2002)**
- Haworthia setulifera* (Poelln.) Breuer, Gen. Haworthia 1: 8 (2010) = *Haworthia cymbiformis* (Haw.) Duval var. *setulifera* (Poelln.) M.B.Bayer, **Haworthia Revisited: 62 (1999)**

*Haworthia silviae* M.Hayashi, *Haworthia Study* 3: 13 (2000) = *Haworthia pygmaea* Poelln. var. ***argenteomaculosa* (G.G.Sm.) M.B.Bayer, *Aloe* 34(1–2): 6 (1997)**

*Haworthia skinneri* (A.Berger) Resende, *Mem. Soc. Brot.* 2: 77 (1943) = *X Astrolista bicarinata* (Haw.) **Molteno & Figueiredo, *Bradleya* 35: 196 (2017)**

*Haworthia solitaria* (G.G.Sm.) C.L.Scott, *Aloe* 11(4): 37 (1973) = *Haworthia retusa* (L.) **Duval var. *retusa***

*Haworthia sordida* Haw. var. *agavoides* (Zantner & Poelln.) G.G.Sm., *J. S. African Bot.* 16: 2 (1950) = ***Haworthiopsis sordida* (Haw.) G.D.Rowley var. *sordida***

*Haworthia sparsa* M.Hayashi, *Haworthia Study* 16: 13 (2006) = ***Tulista pumila* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013)**

*Haworthia specksii* Breuer, *Alsterworthia Int. Special Issue* 7: 8 (2004); Type: South Africa, S of Queenstown, Vincent de Vries 042 (IB5325) (GRA, holo.) = ***Haworthia bolusii* Baker var. *blackbeardiana* (Poelln.) M.B.Bayer, *New Haworthia Handb.*: 31 (1982)**

*Haworthia splendens* (S.A.Hammer & J.D.Venter) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia mirabilis* (Haw.) Haw. var. *splendens* (S.A.Hammer & J.D.Venter) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012)**

*Haworthia standeri* (Esterhuizen) M.Hayashi, *Haworthia Study* 22: 11 (2010) = ***Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999)**

*Haworthia suberecta* (Poelln.) Breuer var. *pallidifolia* (G.G.Sm.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia retusa* (L.) Duval var. *suberecta* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**

*Haworthia suberecta* (Poelln.) Breuer, *Gen. Haworthia* 1: 8 (2010) = ***Haworthia retusa* (L.) Duval var. *suberecta* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012)**

*Haworthia subfasciata* (Salm-Dyck) Baker var. *kingiana* Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 218 (1938) = ***Tulista kingiana* (Poelln.) Gideon F.Sm. & Molteno, *Phytotaxa* 297(3): 278 (2017)**

*Haworthia subglauca* (Poelln.) M.Hayashi, *Haworthia Study* 3: 13 (2000) = ***Haworthia chloracantha* Haw. var. *subglauca* Poelln., *Kakteenkunde* 9: 135 (1937)**

*Haworthia subhamata* M.Hayashi, *Haworthia Study* 12: 11 (2004); Type: South Africa, Kaboegapoort, N Kirkwood, M.Hayashi 04-130 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**

*Haworthia sublineata* (Poelln.) Breuer, *Gen. Haworthia* 1: 8 (2010) = ***Haworthia mirabilis* (Haw.) Haw. var. *sublineata* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 113 (1999)**

*Haworthia succinea* M.Hayashi, *Haworthia Study* 10: 14 (2003); Type: South Africa, Perdepoort, N Willowmore, M.Hayashi 03-267 (Research Institute of Evolutionary Biology, Tokyo, holo.) = ***Haworthia decipiens* Poelln. var. *cyanea* M.B.Bayer, *Haworthia Revisited*: 65 (1999)**

*Haworthia tarkasia* M.Hayashi, *Haworthia Study* 15: 14 (2006); Type: South Africa, Tarkastad, M.Hayashi 95-28 (Res. Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia marumiana* Uitewaal var. *marumiana***

*Haworthia tenera* Poelln. var. *cunningii* (Breuer & M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**

*Haworthia tenera* Poelln. var. *doldii* (M.B.Bayer) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *doldii* M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**

*Haworthia tenera* Poelln. var. *major* (Poelln.) Uitewaal, *Succulenta* (Netherlands) 1948: 52 (1948) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**

*Haworthia tenuis* (G.G.Sm.) Breuer, *Gen. Haworthia* 1: 8 (2010) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *tenuis* (G.G.Sm.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**

- Haworthia teres* M.Hayashi, *Haworthia Study* 12: 7 (2004); Type: South Africa, Ouplaas, W Kirkwood, M.Hayashi 03-41 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia tessellata* Haw. var. *engleri* (Dinter) Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 202 (1938) = ***Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *tessellata***
- Haworthia tessellata* Haw. var. *minutissima* (Poelln.) Viveiros, *Acta Biol.*, ser.A 3: 200 (1949) = ***Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *tessellata***
- Haworthia toonensis* (M.B.Bayer) Breuer, *Gen. Haworthia* 1: 8 (2010) = ***Haworthia mirabilis* (Haw.) Haw. var. *toonensis* (M.B.Bayer) M.B.Bayer, *Haworthia Update* 7(4): 35 (2012)**
- Haworthia transiens* (Poelln.) M.Hayashi var. *florens* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *isabellae* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia transiens* (Poelln.) M.Hayashi, *Haworthia Study* 3: 13 (2000); Type: unpublished image (B, lecto.) Lectotype designated by Breuer & Metzinger, *Taxon* 46: (1997).
- Haworthia tetryensis* Breuer var. *pectinis* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia arachnoidea* (L.) Duval var. *setata* (Haw.) M.B.Bayer, *Haworthia Revisited*: 34 (1999)**
- Haworthia tricolor* (Breuer) M.Hayashi, *Haworthia Study* 22: 11 (2010) = ***Haworthia emelyae* Poelln. var. *emelyae***
- Haworthia truncata* Schönland forma *normalis* Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 239 (1938), nom.inval. = ***Haworthia truncata* Schönland var. *truncata***
- Haworthia truncata* Schönland var. *tenuis* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 161 (1976) = ***Haworthia truncata* Schönland var. *truncata***
- Haworthia truterorum* Breuer & Marx, *Aloe* 48(3): 54 (2011), as 'truteriorum'; Type: South Africa, Heimersrivier, Marx 676 (GRA, holo.) = ***Haworthia bayeri* J.D.Venter & S.A.Hammer, *Cact. Succ. J. (Los Angeles)* 69(2): 75 (1997)**
- Haworthia umbraticola* Poelln. var. *hilliana* (Poelln.) Poelln., *Repert. Spec. Nov. Regni Veg.* 44: 234 (1938) = ***Haworthia cymbiformis* (Haw.) Duval var. *obtusata* (Haw.) Baker, *J. Linn. Soc., Bot.* 18: 209 (1880)**
- Haworthia umbraticola* Poelln. var. *obesa* (Poelln.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cymbiformis* (Haw.) Duval var. *setulifera* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 62 (1999)**
- Haworthia variabilis* (Breuer) Breuer, *Gen. Haworthia* 1: 8 (2010) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *variabilis* (Breuer) Gildenh. & Klopper, *Phytotaxa* 265(1): 19 (2016)**
- Haworthia venetia* M.Hayashi var. *calva* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker, *Refug. Bot. [Saunders]* 4: t. 233 (1871)**
- Haworthia venetia* M.Hayashi var. *jeffreisi* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia venetia* M.Hayashi var. *teres* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 6 (2016) = ***Haworthia cooperi* Baker var. *viridis* (M.B.Bayer) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)**
- Haworthia venetia* M.Hayashi, *Haworthia Study* 12: 6 (2004); Type: South Africa, N Hankey, M.Hayashi 03-436 (Research Inst. Evol. Biol., Tokyo, holo.) = ***Haworthia cooperi* Baker var. *gordoniana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 52 (1999)**
- Haworthia venosa* (Lam.) Haw. subsp. *nigra* (Haw.) Halda, *Acta Mus. Richnov., Sect. Nat.* 4(2): 39 (1997) = ***Haworthiopsis nigra* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)**
- Haworthia venosa* (Lam.) Haw. subsp. *recurva* (Haw.) M.B.Bayer, *Haworthia Handbook*: 149 (1976) = ***Haworthiopsis venosa* (Lam.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)**



- Haworthia venosa* (Lam.) Haw. subsp. *woolleyi* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 204 (1999), nom.illegit.superfl. = *Haworthiopsis woolleyi* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013)
- Haworthia venosa* (Lam.) Haw. var. *tessellata* (Haw.) Halda, *Acta Mus. Richnov., Sect. Nat.* 4(2): 39 (1997) = *Haworthiopsis tessellata* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013)
- Haworthia vincentii* Breuer, *Alsterworthia Int. Special Issue 7*: 11 (2004) = *Haworthia pygmaea* Poelln. var. *vincentii* (Breuer) M.B.Bayer, *Haworthia Update 7(4)*: 36 (2012)
- Haworthia viscosa* (L.) Haw. forma *asperiuscula* (Haw.) Pilbeam, *Haworthia & Astroloba*: 141 (1983) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*
- Haworthia viscosa* (L.) Haw. forma *beanii* (G.G.Sm.) Pilbeam, *Haworthia & Astroloba*: 141 (1983) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*
- Haworthia viscosa* (L.) Haw. forma *pseudotortuosa* (Haw.) Pilbeam, *Haworthia & Astroloba*: 141 (1983) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*
- Haworthia viscosa* (L.) Haw. forma *subobtusa* (Poelln.) Pilbeam, *Haworthia & Astroloba*: 141 (1983) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*
- Haworthia viscosa* (L.) Haw. forma *torquata* (Haw.) Pilbeam, *Haworthia & Astroloba*: 141 (1983) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa*
- Haworthia viscosa* (L.) Haw. subsp. *nigra* (Haw.) Halda, *Acta Mus. Richnov., Sect. Nat.* 5(1): 44 (1998) = *Haworthiopsis nigra* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013)
- Haworthia wimii* M.Hayashi, *Haworthia Study 3*: 13 (2000), nom. nov. pro *Haworthia schuldtiana* var. *major* G.G.Sm. (1946) = *Haworthia emelyae* Poelln. var. *major* (G.G.Sm.) M.B.Bayer, *Aloe* 34(1–2): 6 (1997)

## **HAWORTHIOPSIS G.D.ROWLEY**

- Haworthiopsis attenuata* (Haw.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.illegit.superfl.; Type: South Africa, Eastern Cape, Sandland, 20 km east of Patensie, P.L. Perry 660 (NBG0144672, neo.) Neotype designated by Breuer & Metzger, *Taxon* 46: 4 (1997). = *Haworthiopsis attenuata* (Haw.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)
- Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *attenuata*
- Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015); Type: (icon) in Salm-Dyck, *Aloe* t.7 (1840) (neo.) Neotype designated by Smith & Greyling, *Taxon* 39: 332 (1990).
- Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015); Type: South Africa, Eastern Cape: 1.6 km from Hankey to Thornhill, 1940, G.G. Smith 3190 (NBG0115013, epi.) Epitype designated by Breuer & Metzger, *Taxon* 46: 10 (1997).
- Haworthiopsis attenuata* (Haw.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015); Type: South Africa, Eastern Cape, Sandland, 20 km east of Patensie, P.L. Perry 660 (NBG0144672, neo.) Neotype designated by Breuer & Metzger, *Taxon* 46: 4 (1997).
- Haworthiopsis attenuata* Haw. var. *glabrata* (Salm-Dyck) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.illegit.superfl. = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *glabrata* (Salm-Dyck) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)
- Haworthiopsis attenuata* Haw. var. *radula* (Jacq.) Breuer, *Alsterworthia Int.* 16(2): 6 (2016), nom.illegit.superfl. = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015)
- Haworthiopsis bruynsii* (M.B.Bayer) G.D.Rowley, *Alsterworthia Int. Special Issue 10*: 4 (2013); Type: South Africa, Eastern Cape: 20 km south east of Steytlerville, G.J. Rossouw 456 (NBG0132381, holo.)
- Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *adelaidensis* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10*: 4 (2013); Type: (unpublished icon) “*Haworthia reinwardtii*

- Haw. var. *adelaidensis* v.P.” (B). Lectotype designated by Breuer & Metzger, Taxon 46: 5 (1997).
- Haworthiopsis coarctata*** (Haw.) G.D.Rowley var. *coarctata*
- Haworthiopsis coarctata*** (Haw.) G.D.Rowley var. *tenuis* (G.G.Sm.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Eastern Cape: Farm Harvestvale, near Alexandria, 1940, G.G. Smith 3420 (NBG0112024, holo.; NBG, iso.)
- Haworthiopsis coarctata*** (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Eastern Cape: 16 km from Grahamstown to Bathurst, 1947, G.G. Smith 7092 (NBG0068473, neo.) Neotype designated by Breuer & Metzger, Taxon 46: 5 (1997).
- Haworthiopsis fasciata*** (Willd.) G.D.Rowley var. *browniana* (Poelln.) Gildenh. & Klopper, Phytotaxa 265(1): 9 (2016); Type: (photographic icon) “*Haworthia browniana* v.P”. (B); later published in Von Poellnitz (1937c: 102). Lectotype designated by Breuer & Metzger, Taxon 46: 7 (1997).
- Haworthiopsis fasciata*** (Willd.) G.D.Rowley var. *browniana* (Poelln.) Breuer, Alsterworthia Int. 16(2): 7 (2016), nom.illegit.superfl. = ***Haworthiopsis fasciata* (Willd.) G.D.Rowley var. browniana (Poelln.) Gildenh. & Klopper, Phytotaxa 265(1): 9 (2016)**
- Haworthiopsis fasciata*** (Willd.) G.D.Rowley var. *fasciata*
- Haworthiopsis fasciata*** (Willd.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)
- Haworthiopsis glauca*** (Baker) G.D.Rowley var. *glauca*
- Haworthiopsis glauca*** (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Eastern Cape: Campherspoort, 1947, W.F. Barker 5069 (NBG0068132, neo) Neotype designated by Breuer & Metzger, Taxon 46: 7 (1997).
- Haworthiopsis glauca*** (Baker) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Cape: Without locality, 1862, T. Cooper s.n. (K0256759, holo.)
- Haworthiopsis granulata*** (Marloth) G.D.Rowley var. *schoemani* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = ***Haworthiopsis granulata* (Marloth) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)**
- Haworthiopsis granulata*** (Marloth) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Northern Cape: Verlatenkloof, south of Sutherland, 1968, H. Hall 3168 (NBG0087961, neo.) Neotype designated by Breuer & Metzger, Taxon 46: 13 (1997).
- Haworthiopsis koelmaniorum*** (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *koelmaniorum*
- Haworthiopsis koelmaniorum*** (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *mcmurtryi* (C.L.Scott) Gildenh. & Klopper, Phytotaxa 265(1): 13 (2016); Type: South Africa, Mpumalanga: South west of Loskop Dam, 1984, D. McMurtry 5247 in C.L. Scott 7682 (PRE0747960, holo.)
- Haworthiopsis koelmaniorum*** (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *mcmurtryi* (C.L.Scott) Breuer, Alsterworthia Int. 16(2): 7. 2016, nom.illegit.superfl. = ***Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. mcmurtryi (C.L.Scott) Gildenh. & Klopper, Phytotaxa 265(1): 13 (2016)**
- Haworthiopsis koelmaniorum*** (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014); Type: South Africa, Mpumalanga: Near Groblersdal, on north facing slopes in sandstone ridges, 1966, D.S. Hardy & A.A. Mauve 2267 (PRE0037965, holo.)
- Haworthiopsis limifolia*** (Marloth) G.D.Rowley var. *arcana* (Gideon F.Sm. & N.R.Crouch) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, Mpumalanga: Near Hectorspruit, N.R. Crouch & G.F. Smith 7 (PRE0500088, holo.)
- Haworthiopsis limifolia*** (Marloth) G.D.Rowley var. *gigantea* (M.B.Bayer) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013); Type: South Africa, KwaZulu-Natal: Nongoma district, 1962, F. Bayer in M.B. Bayer 112 (PRE0037946, holo.)

- Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *glaucophylla* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 7 (2016); Type: South Africa, Mpumalanga: Three Sisters, F. Venter 13700 (NBG, holo.)
- Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *glaucophylla* (M.B.Bayer) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013), nom.inval. = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *glaucophylla* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 7 (2016)**
- Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia*
- Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *striata* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 7 (2016), nom.inval. = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *limifolia***
- Haworthiopsis limifolia* (Marloth) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013); Type: Swaziland: West of Delagoa Bay, 1908, R. Marloth 4678 (PRE0037944, holo.)
- Haworthiopsis longiana* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013); Type: (photographic icon), “*Haworthia longiana* v.P” (B). Lectotype designated by Breuer & Metzger, *Taxon* 46: 8 (1997).
- Haworthiopsis mcmurtryi* (C.L.Scott) Zonn., *Pl. Syst. Evol.* 301(3): 949 (2014) = ***Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *mcmurtryi* (C.L.Scott) Gildenh. & Klopper, *Phytotaxa* 265(1): 13 (2016)**
- Haworthiopsis nigra* (Haw.) G.D.Rowley var. *diversifolia* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013); Type: South Africa, Eastern Cape: Willowmore, Kruidfontein, P.V. Bruyns in KG435/75 (NBG, epi.) Epitype designated by Bayer, *Haworthia revisited*: 187 (1999).
- Haworthiopsis nigra* (Haw.) G.D.Rowley var. *elongata* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013); Type: (icon) “*Haworthia schmidtiana* var. *elongata*” v.P. (B). Lectotype designated by Breuer, *The World of Haworthias* 1: 237 (1998).
- Haworthiopsis nigra* (Haw.) G.D.Rowley var. *nigra*
- Haworthiopsis nigra* (Haw.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013); Type: South Africa, Eastern Cape: Campherspoort, 1947, W.F. Barker 5099 (NBG0068251, neo.). Neotype designated by Breuer & Metzger, *Taxon* 46: 10 (1997). Type: (icon) “*Haworthia nigra*” in (K). Lectotype designated by Breuer, *The World of Haworthias* 2: 600 (2000).
- Haworthiopsis pungens* (M.B.Bayer) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 70 (2014); Type: South Africa, Eastern Cape: Braamrivier, Joubertina, P.V. Bruyns 7090 (B, holo.)
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *brevicula* (G.G.Sm.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013); Type: South Africa, Eastern Cape: Between Frazer’s Camp and the old fort, Albany Division, 1940, G.G. Smith 3138 (NBG0112112, holo.; NBG0068168, PRE0834962, iso.)
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *coarctata* (Haw.) Breuer, *Alsterworthia* Int. 16(2): 7 (2016) = ***Haworthiopsis coarctata* (Haw.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013)**
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *olivacea* (G.G.Sm.) Breuer, *Alsterworthia* Int. 16(2): 7 (2016) = ***Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *olivacea*, *Phytotaxa* 265(1): 11 (2016)**
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* forma *reinwardtii*
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* forma *chalumnensis* (G.G.Sm.) Gildenh. & Klopper, *Phytotaxa* 265(1): 10 (2016); Type: South Africa, Eastern Cape: on the banks of the Chalumna River, 48.3 km west of East London, 1934, G.G. Smith 513 (NBG0068486, holo.; NBG, PRE, iso.)
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* forma *kaffirdriftensis* (G.G.Sm.) Gildenh. & Klopper, *Phytotaxa* 265(1): 10 (2016); Type: South Africa, Eastern Cape: near Kaffirdrift, eastern side of Fish River, about 22 km south-southwest of Peddie, 1940, G.G. Smith 3364 (NBG0068355, holo.; NBG0112001, PRE0592668, iso.)

- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* forma *olivacea* (G.G.Sm.) Gildenh. & Klopper, Phytotaxa 265(1): 11 (2016); Type: South Africa, Eastern Cape: South east of Kaffir drift, Peddie District, 1942, G.G. Smith 5260 (NBG0112000m holo.; NBG, PRE0592641, iso.)
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *tenuis* (G.G.Sm.) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *tenuis* (G.G.Sm.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013)
- Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: South Africa, Eastern Cape: Near top of hill above Ncera River Bridge, 1940, G.G. Smith 3563 (NBG0068556, epi.) Epitype designated by Breuer & Metzger, Taxon 46: 10 (1997).
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *johanii* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *scabra*
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *lateganiae* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: (icon) in (B), later published in Von Poellnitz, Desert Plant Life 9: 103 (1937). Lectotype designated by Breuer & Metzger, Taxon 46: 12 (1997).
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *morrisiae* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: (icon) *Haworthia morrisiae* “v.P. VI. 1937” in (B) later published in Von Poellnitz, Kakteenkunde 9: 132 (1937). Lectotype designated by Breuer & Metzger, Taxon 46: 12 (1997).
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *scabra*
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *smitii* (Poelln.) Breuer, Alsterworthia Int. 16(2): 7 (2016), nom.illegit.superfl. = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *smitii* (Poelln.) Gildenh. & Klopper, Phytotaxa 265(1): 17 (2016)
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *smitii* (Poelln.) Gildenh. & Klopper, Phytotaxa 265(1): 17 (2016); Type: (icon) “*Haworthia smitii* v.P.” (B) later published in Poellnitz, Desert Plant Life 10: 187 (1938). Lectotype designated by Breuer, The World of Haworthias 1: 245 (1998).
- Haworthiopsis scabra* (Haw.) G.D.Rowley var. *starkiana* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: (icon) “*Haworthia starkiana* v.P.” (B). Lectotype designated by Breuer & Metzger, Taxon 46: 12 (1997).
- Haworthiopsis scabra* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: (icon) (K), later published in Scott (1980: 274). Lectotype designated by Scott, Cactus & Succulent Journal (US) 52: 274 (1980).
- Haworthiopsis sordida* (Haw.) G.D.Rowley var. *agavoides* (Zantner & Poelln.) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Haworthiopsis sordida* (Haw.) G.D.Rowley var. *sordida*
- Haworthiopsis sordida* (Haw.) G.D.Rowley var. *lavrani* (C.L.Scott) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: South Africa, Eastern Cape: Perdehoek, 36 km southeast of Steytlerville, A. Hechter s.n. (PRE0616285, holo.)
- Haworthiopsis sordida* (Haw.) G.D.Rowley var. *sordida*
- Haworthiopsis sordida* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); Type: (icon) in Salm-Dyck (1836: Aloe t. 1 [sect 7: 2]). Neotype designated by Scott, The Genus *Haworthia*: 7 (1985).
- Haworthiopsis tessellata* (Haw.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 71 (2014), nom.illegit.superfl.; Type: (icon) in (K) later published in Scott (1978: 75). Lectotype designated by Scott, Cactus & Succulent Journal (US) 50: 75 (1978). = *Haworthiopsis tessellata* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013)
- Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *crousii* (M.Hayashi) Gildenh. & Klopper, Phytotaxa 265(1): 15 (2016), as 'crausii'; Type: South Africa, Northern Cape: Postmasburg, M. Hayashi 97-001 (TUAT-RIEB, holo.)

- Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *crousii* (M.Hayashi) Breuer, *Alsterworthia Int.* 16(2): 7 (2016), nom.illegit.superfl. = ***Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *crousii* (M.Hayashi) Gildenh. & Klopper, *Phytotaxa* 265(1): 15 (2016), as 'crausii'**
- Haworthiopsis tessellata* (Haw.) G.D.Rowley var. *tessellata***
- Haworthiopsis tessellata* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013); Type: (icon) in (K) later published in Scott (1978: 75). Lectotype designated by Scott, *Cactus & Succulent Journal* (US) 50: 75 (1978).**
- Haworthiopsis variabilis* (Breuer) Zonn., *Pl. Syst. Evol.* 301(3): 949 (2014) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *variabilis* (Breuer) Gildenh. & Klopper, *Phytotaxa* 265(1): 19 (2016)**
- Haworthiopsis venosa* (Lam.) G.D.Rowley var. *granulata* (Marloth) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013), nom.inval. = ***Haworthiopsis granulata* (Marloth) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013)**
- Haworthiopsis venosa* (Lam.) G.D.Rowley var. *woolleyi* (Poelln.) Breuer, *Alsterworthia Int.* 16(2): 7 (2016) = ***Haworthiopsis woolleyi* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013)**
- Haworthiopsis venosa* (Lam.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013); Type: (icon) in Commelijn (1703: t.29). Lectotype designated by Scott, *The genus Haworthia. A taxonomic revision*: 35 (1985). Type: South Africa, Western Cape: Swellendam, west of Breede River Bridge, 1970, M.B. Bayer 168 (NBG0110636, epi.) Epitype designated by Breuer & Metzger, *Taxon* 46: 13 (1997).**
- Haworthiopsis viscosa* (L.) Breuer, *Alsterworthia Int.* 16(2): 7 (2016) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper, *Phytotaxa* 265(1): 18 (2016)**
- Haworthiopsis viscosa* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013), nom.inval. = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper, *Phytotaxa* 265(1): 18 (2016)**
- Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *asperiuscula* (Haw.) Breuer, *Alsterworthia Int.* 16(2): 7 (2016) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa***
- Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *beanii* (G.G.Sm.) Breuer, *Alsterworthia Int.* 16(2): 7 (2016) = ***Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa***
- Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *variabilis* (Breuer) Gildenh. & Klopper, *Phytotaxa* 265(1): 19 (2016); Type: South Africa, Eastern Cape: Nordwestlich Joubertina, DMC 8979 in IB 7193 (TUAT-RIEB, holo.)**
- Haworthiopsis viscosa* (L.) Gildenh. & Klopper var. *viscosa***
- Haworthiopsis viscosa* (L.) Gildenh. & Klopper, *Phytotaxa* 265(1): 18 (2016); Type: (icon) in Commelijn (1703: t.31). Lectotype designated by Scott, *National Cactus & Succulent Journal* (GB) 36: 98 (1981). Type: South Africa, Western Cape: Blackburn Valley, Calitzdorp, 1947, W.F. Barker 5073 (NBG0068204, epi.). Epitype designated by Breuer & Metzger, *Taxon* 46: 13 (1997).**
- Haworthiopsis woolleyi* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 5 (2013); Type: (photographic icon) "Haworthia woolleyi v.P." (B), later published in Von Poellnitz, *The Cactus Journal* (G.B.) 7: 3 (1938). Lectotype designated by Breuer & Metzger, *Taxon* 46: 13 (1997).

## **KUMARA MEDIK.**

- Kumara haemanthifolia* (A.Berger & Marloth) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 67 (2014); South Africa, Western Cape: Franschhoek Mountains, fl. October 1904, Marloth, H.W.R. 3786 (BOL, holo.; GRA, PRE, iso.)**
- Kumara plicatilis* (L.) Klopper & Gideon F.Sm., *Phytotaxa* 115(2): 59 (2013), nom.superfl.; Lectotype (designated by Wijnands 1983: 125): Commelijn 1701: 5, t.3 = ***Kumara plicatilis* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 3 (2013)**
- Kumara plicatilis* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 3 (2013); Lectotype (designated by Wijnands 1983: 125): Commelijn 1701: 5, t.3**

## TRACHYANDRA KUNTH

*Trachyandra eriocarpa* Boatwr. & J.C.Manning, Phytotaxa 155(1): 60 (2013)

## TULISTA RAF.

- Tulista aristata* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013); South Africa, Northern Cape: near Steynsburg, Reynolds, G.W. 1024 (PRE, neo.). Designated by Glen & Hardy, FSA: 31 (2000). = *Aristaloe aristata* (Haw.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 69 (2014)
- Tulista bullulata* (Jacq.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Astroloba bullulata* (Jacq.) Uitewaal, Succulenta (Netherlands) 1947: 53 (1947)
- Tulista congesta* (Salm-Dyck) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Astroloba congesta* (Salm-Dyck) Uitewaal, Succulenta (Netherlands) 1947: 54 (1947)
- Tulista corrugata* (N.L.Mey. & Gideon F.Sm.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Astroloba corrugata* N.L.Mey. & Gideon F.Sm., Bothalia 28(1): 61 (1998)
- Tulista foliolosa* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Astroloba foliolosa* (Haw.) Uitewaal, Succulenta (Netherlands) 1947: 54 (1947)
- Tulista herrei* (Uitewaal) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Astroloba herrei* Uitewaal, Desert Pl. Life 20: 37 (1948)
- Tulista kingiana* (Poelln.) Breuer, Alsterworthia Int. 16(2): 7 (2016), nom.inval. = *Tulista kingiana* (Poelln.) Gideon F.Sm. & Molteno, Phytotaxa 297(3): 278 (2017)
- Tulista kingiana* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), nom.inval. = *Tulista kingiana* (Poelln.) Gideon F.Sm. & Molteno, Phytotaxa 297(3): 278 (2017)
- Tulista kingiana* (Poelln.) Gideon F.Sm. & Molteno, Phytotaxa 297(3): 278 (2017); Type: South Africa, Western Cape Province, George Dist., Hill above station at Great Brak River, April 1950, J. Dekenah 201, (NBG0068719-0, neo.) Neotype designated by Breuer & Metzinger, Taxon 46: 8 (1997).
- Tulista koelmaniorum* (Oberm. & D.S.Hardy) G.D.Rowley var. *mcmurtryi* (C.L.Scott) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *mcmurtryi* (C.L.Scott) Gildenh. & Klopper, Phytotaxa 265(1): 13 (2016)
- Tulista koelmaniorum* (Oberm. & D.S.Hardy) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013) = *Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Tulista margaritifera* Raf., Autik. Bot.: 137 (1840) = *Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)
- Tulista marginata* (Lam.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)
- Tulista minima* (Ait.) Boatwr. & J.C.Manning var. *minima*
- Tulista minima* (Ait.) Boatwr. & J.C.Manning var. *poellnitziana* (Uitewaal) Breuer, Alsterworthia Int. 16(2): 7 (2016)
- Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014); Type: illustration in Dillenius, Hort. eltham.: t. 16, f. 18. (1732). Lectotype designated by Scott (1985).
- Tulista opalina* (M.Hayashi) Breuer var. *zenigata* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Tulista opalina* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014)
- Tulista pumila* (L.) G.D.Rowley var. *okhuwae* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)
- Tulista pumila* (L.) G.D.Rowley var. *sparsa* (M.Hayashi) Breuer, Alsterworthia Int. 16(2): 7 (2016) = *Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)
- Tulista pumila* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 6 (2013)

- Tulista pungens* (M.B.Bayer) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013) = *Haworthiopsis pungens* (M.B.Bayer) Boatwr. & J.C.Manning, *Syst. Bot.* **39(1): 70 (2014)**
- Tulista rubriflora* (L.Bolus) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013) = *Astroloba rubriflora* (L.Bolus) Gideon F.Sm. & J.C.Manning, *Bothalia* **30(1): 53 (2000)**
- Tulista spiralis* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013) = *Astroloba spiralis* (L.) Uitewaal, *Succulenta (Netherlands)* **1947: 53 (1947)**
- Tulista variegata* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013) = *Gonialoe variegata* (L.) Boatwr. & J.C.Manning, *Syst. Bot.* **39(1): 69 (2014)**
- Tulista viscosa* (L.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 6 (2013) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper, *Phytotaxa* **265(1): 18 (2016)**
- Tulista x bicarinata* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue* 10 (rev): 5 (2013) = *X Astrolista bicarinata* (Haw.) Molteno & Figueiredo, *Bradleya* **35: 196 (2017)**

## ×ASTROLISTA MOLTENO & FIGUEIREDO

- ×*Astrolista bicarinata* (Haw.) Molteno & Figueiredo, *Bradleya* 35: 196 (2017); Type: Plate by Thomas Duncanson, kept at K. Material received from Dr Mackrell in 1818 from the Cape of Good Hope (neo.) Neotype designated by Groen, *Succulenta* 66(3): 54 (1987).

## ×ASTROWORTHIA G.D.ROWLEY

- ×*Astroworthia skinneri* (A.Berger) L.E.Groen, *Succulenta (Netherlands)* 66(12): 261 (1987) = ×*Astrolista bicarinata* (Haw.) Molteno & Figueiredo, *Bradleya* **35: 196 (2017)**

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## ASPLENIACEAE

### ASPLENIUM L.

- Asplenium adiantum-nigrum* L.  
*Asplenium splendens* Kunze  
*Asplenium trichomanes* L.  
*Asplenium varians* Wall. ex Hook. & Grev.

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## ASTERACEAE

### ACMELLA RICH. EX PERS.

- Acmella decumbens* (Sm.) R.K.Jansen, *Syst. Bot. Monogr.* 8 80 (1985)

### ADENACHAENA DC.

- Adenachaena pubescens* DC., *Prodr. [A. P. de Candolle]* 6: 49 (1838); Type: South Africa, Eastern Cape, Aliwal North: 'Nieuwe Hantom', February 1835, Drège 6135 (G–DC sheet G00455508, lecto.; E, G–DC two sheets, HBG, isolecto.) Lectotype designated by Ruiters et al., *Systematic Botany* 41(2): 437 (2016). = *Phymaspermum parvifolium* (DC.) Benth. & Hook. ex B.D.Jacks., *Index Kew.* **1(1): 526 (1893)**

### AFROASTER J.C.MANNING & GOLDBLATT

- Afroaster bowiei* (Harv.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster comptonii* (Lippert) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster confertifolius* (Hilliard & B.L.Burt) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster erucifolius* (Thell.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster laevigatus* (Sond.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster lydenburgensis* (Lippert) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster nubimontis* (Lippert) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)

*Afroaster peglerae* (Bolus) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster perfoliatus* (Oliv.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster pleiocephalus* (Harv.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster serrulatus* (Harv.) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)  
*Afroaster zuluensis* (Lippert) J.C.Manning & Goldblatt, *Strelitzia* 29: 793 (2012)

### **AMPHIGLOSSA DC.**

*Amphiglossa foliosa* J.C.Manning & Helme, *S. African J. Bot.* 92: 45 (2014)

### **APHELEXIS D.DON**

*Aphelexis ericoides* (Lam.) Sweet, *Hort. Brit.* [Sweet]: 223 (1826) = *Dolichothrix ericoides*  
(Lam.) Hilliard & B.L.Burt, *Bot. J. Linn. Soc.* 82(3): 221 (1981)

### **ARCTOTIS L.**

*Arctotis subacaulis* (DC.) Beauverd, *Bull. Soc. Bot. Genève* 1915, Ser.2, 7: 49 (1915)

### **ARGYROCOME GAERTN.**

*Argyrocome ericoides* (Lam.) Lam., *Tabl. Encyc.* 5: t.693, f.2 (1823) = *Dolichothrix ericoides*  
(Lam.) Hilliard & B.L.Burt, *Bot. J. Linn. Soc.* 82(3): 221 (1981)

### **ARNICA L.**

*Arnica caffra* L., *Syst. Nat.*, ed. 10. 2: 1219 (1759); Type: Without locality or collector, *Herb.*  
Linn. 1001.7 (LINN, lecto.). Lectotype designated by Hansen in Jarvis & Turland, *Taxon* 47:  
352 (1988). = *Gerbera crocea* (L.) Kuntze, *Revis. Gen. Pl.* 3[3]: 149 (1898)  
*Arnica coronopifolia* L., *Sp. Pl.* 2: 885 (1753); Type: lost = *Gerbera linnaei* Cass., *Dict. Sci.*  
*Nat.*, ed. 2. [F. Cuvier] 18: 460 (1821)  
*Arnica pyrolaefolia* (Lam.) Pers., *Syn. Pl.* [Persoon] 2(2): 454 (1807) = *Gerbera crocea* (L.)  
Kuntze, *Revis. Gen. Pl.* 3[3]: 149 (1898)  
*Arnica pyrolaefolia* (Lam.) Pers. var. *crocea* (L.) Pers., *Syn. Pl.* [Persoon] 2(2): 454 (1807) =  
*Gerbera crocea* (L.) Kuntze, *Revis. Gen. Pl.* 3[3]: 149 (1898)  
*Arnica sinuata* Thunb., *Prodr. Pl. Cap.* 2: 154 (1800) = *Gerbera sinuata* (Thunb.) Spreng., *Syst.*  
*Veg.* (ed. 16) [Sprengel] 3: 576 (1826)

### **ASCARICIDA CASS.**

*Ascaricida adoensis* (Sch.Bip. ex Walp.) Steetz, *Naturw. Reise Mossambique* [Peters] 6(Bot., 2):  
358 (1864) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc.*  
*Washington* 103(1): 250 (1990)  
*Ascaricida mossambiquensis* Steetz, *Naturw. Reise Mossambique* [Peters] 6(Bot., 2): 358 (1864)  
= *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1):  
250 (1990)  
*Ascaricida richardi* Steetz, *Naturw. Reise Mossambique* [Peters] 6(Bot., 2): 358 (1864) =  
*Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1):  
250 (1990)

### **ATHANASIA L.**

*Athanasia argentea* R.Powell & Magee, *S. African J. Bot.* 88: 220 (2013)

### **ATRACYLIS L.**

*Atractylis ciliaris* L., *Syst. Nat.*, ed. 10: 1202 (1759) = *Cullumia reticulata* (L.) Greuter,  
M.V.Agab. & Wagenitz, *Taxon* 54(1): 155 (2005)



## **BACCHARIS L.**

*Baccharis aegyptiaca* (L.) Desf., Tabl. École Bot.: 97 (1804) = *Conyza aegyptiaca* (L.) Aiton, Hort. Kew 3: 183 (1789)

## **BERKHEYA EHRH.**

*Berkheya dumicola* N.G.Bergh & Helme; Type: South Africa. Northern Cape: Calvinia: Noord Bokkeveld, top of Die Hel pass, north-west of farm Kookfontein, 12 Oct. 2013, Helme 7794 (NBG, holo.; BOL, PRE, K, S, iso.)

## **BERTILIA CRON**

*Bertilia hantamensis* (J.C.Manning & Goldblatt) Cron, S. African J. Bot. 88: 15 (2013); Type: South Africa, Northern Cape, Calvinia: Nieuwoudtville, Farm Glenlyon, along trekpath, on doleritic clay, 5 Oct 2000, Goldblatt 11619 (NBG, holo.; K, MO-image, PRE, S, iso.)

## **CALLILEPIS DC.**

*Callilepis normae* P.P.J.Herman & Koekemoer; Type: South Africa. Mpumalanga: NE of Lydenburg (Mashishing), on Mount Anderson Ranch, farm Goedverwacht, SE of guest cottages, 14 February 2014, Koekemoer 4573 (PRE, holo.; BC, BNRH, MO, NH, P, US, iso.)

## **CANDIDEA TEN.**

*Candidea stenostegia* Stapf, Bot. Mag. 149: t. 8981 (1923) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)

## **CARDUUS L.**

*Carduus nutans* L., Sp. Pl. 2: 821. (1753)

## **CARTHAMUS L.**

*Carthamus reticulatus* (L.) Vaill., Akad. Wiss. Paris Phys. Abh. 5: 172 (1754), nom.illegit. = *Cullumia reticulata* (L.) Greuter, M.V.Agab. & Wagenitz, Taxon 54(1): 155 (2005)

## **CENTIPEDA LOUR.**

*Centipeda capensis* Less., Syn. Gen. Compos.: 201 (1832); Type: Herb. Thunberg nr. 18783 (lecto.) = *Dichrocephala integrifolia* (L.f.) Kuntze subsp. *integrifolia*

## **CHONDRILLA (TOURN.) L.**

*Chondrilla juncea* L.

## **CINERARIA L.**

*Cineraria othonnites* L., Sp. Pl., ed. 2. 2: 1244 (1763) = *Crassothonna capensis* (L.H.Bailey) B.Nord., Compositae Newslett. 50: 72 (2012)

## **CONYZA LESS.**

*Conyza ambigua* DC., Fl. Franç. ed. 3: 468 (1815) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyza arabadifolia* J.Rémy, Fl. Chi. 4(1): 76 (1849) = *Conyza chilensis* Spreng., Novi. Provent.: 14 (1819)

*Conyza catharinensis* Cabrera, Bol. Soc. Argent. Bot. 7: 191, t.3 (1959) = *Conyza chilensis* Spreng., Novi. Provent.: 14 (1819)

*Conyza crispa* (Pourr.) Rupr., Bull. Cl. Phys.-Math. Acad. Imp. Sci. Saint-Pétersbourg 14: 235 (1856) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyza hispida* Kunth, Nov. Gen. Sp. (folio ed.) 4: 55 (1820) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyza linearis* DC., Prodr. 5: 378 (1836) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyza linifolia* (Willd.) Tackh., Stud. Fl. Egypt: 53 (1956), non L. (1953) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyza serratifolia* Baker, J. Linn. Soc., Bot. 22: 488 (1886) = *Conyza attenuata* DC., Prodr. 5: 384 (1836)

*Conyza spiculosa* (Hook. & Arn.) Zardini, Bol. Soc. Argent. Bot. 17: 39 (1976) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

## **CONYZELLA FABR.**

*Conyzella canadensis* (L.) Rupr., Bull. Cl. Phys.-Math. Acad. Imp. Sci. Saint-Pétersbourg 14: 51 (1869) = *Conyza canadensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Conyzella linifolia* (Willd.) Green, Fl. Francisc. 4: 386 (1897) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

## **COTULA L.**

*Cotula discolor* (DC.) J.C.Manning & Mucina, S. Afr. J. Bot. 88: 240 (2013)

*Cotula latifolia* Pers., Syn. Pl. [Persoon] 2(2): 464 (1807) = *Dichrocephala integrifolia* (L.f.) Kuntze subsp. *integrifolia*

*Cotula maderaspatana* (L.) Willd., Sp. Pl., ed. 4 [Willdenow] 3(3): 2170 (1803) = *Grangea maderaspatana* (L.) Poir., Encycl. [J. Lamarck & al.] Suppl. 2. 825 (1812)

## **CURIO P.V.HEATH**

*Curio talinoides* (DC.) P.V.Heath

## **CYANTHILLIUM BLUME**

*Cyanthillium cinereum* (L.) H.Rob., Proc. Biol. Soc. Washington 103(1): 252 (1990)

*Cyanthillium wollastonii* (S.Moore) H.Rob., Skvarla & V.A.Funk, PhytoKeys 60: 67 (2016)

## **DECANEURUM DC.**

*Decaneurum amygdalinum* (Delile) DC., Prodr. [A. P. de Candolle] 5: 68 (1836) =

*Gymnanthemum amygdalinum* (Delile) Sch.Bip. ex Walp., Repert. Bot. Syst. (Walpers) 2: 948 (1843)

## **DIMORPHANTHES CASS.**

*Dimorphanthes aegyptiaca* (L.) Cass., Dict. Sci. Nat., ed. 2. 13: 256 (1819) = *Conyza aegyptiaca* (L.) Aiton, Hort. Kew 3: 183 (1789)

## **DORONICUM L.**

*Doronicum asplenifolium* Lam., Encycl. [J. Lamarck & al.] 2(1): 315 (1786), nom.superfl. = *Gerbera linnaei* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 460 (1821)

*Doronicum pyrolaefolium* Lam., Encycl. [J. Lamarck & al.] 2(1): 315 (1786) = *Gerbera crocea* (L.) Kuntze, Revis. Gen. Pl. 3[3]: 149 (1898)

*Doronicum spinulosum* Lam., Encycl. [J. Lamarck & al.] 2(1): 315 (1786); Type: Illustration in Burman, Rar. Afric. pl.: 154, t. 55 (1739) = *Gerbera crocea* (L.) Kuntze, Revis. Gen. Pl. 3[3]: 149 (1898)

## **ELEPHANTOPUS L.**

*Elephantopus mollis* Kunth, Nov. Gen. Sp. [H.B.K.] 4(14): 20 (ed. fol.). 1818, Nov. Gen. Sp. [H.B.K.] 4(14): 20 (ed. fol.). 1818 [1820 publ. 26 Oct 1818] ; later publ. 4(14): 26 (ed. qto.). 1820. [17 Apr 1820]

## **EMILIA CASS.**

*Emilia schinzii* (O.Hoffm.) Cron, Phytotaxa 159(3): 202 (2014)

## **ERIGERON L.**

*Erigeron ambiguus* (DC.) Sch.Bip., Hist. Nat. Iles Canaries 3(2): 208 (1836), non Nutt. (1818) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

*Erigeron chilensis* (Spreng.) D.Don ex G.Don, Hort. Brit.: 343 (1830) = *Conyza chilensis* Spreng., Novi. Provent.: 14 (1819)

*Erigeron hochstetteri* (Sch.Bip. ex A.Rich.) Sch.Bip., Beitr. Fl. Aethiop.: 147 (1867) = *Conyza gouanii* (L.) Willd., Sp. Pl. ed. 4, 3(3): 1928 (1803)

*Erigeron spiculosus* Hook. & Arn., Bot. Beechey Voy.: 32 (1841) = *Conyza bonariensis* (L.) Cronquist, Bull. Torrey Bot. Club 70: 632 (1943)

## **ESCHENBACHIA MOENCH**

*Eschenbachia aegyptiaca* (L.) Brouillet, Fl. China 20-21: 556 (2011) = *Conyza aegyptiaca* (L.) Aiton, Hort. Kew 3: 183 (1789)

*Eschenbachia persicifolia* (Benth.) Exell, Cat. Vasc. Pl. S. Tome: 224 (1944) = *Conyza attenuata* DC., Prodr. 5: 384 (1836)

## **ETHULIA L.F.**

*Ethulia integrifolia* (L.f.) D.Don, Prodr. Fl. Nepal.: 182 (1825) = *Dichrocephala integrifolia* (L.f.) Kuntze subsp. *integrifolia*

## **EUPATORIUM L.**

*Eupatorium capense* A.Spreng., Tent. Suppl.: 22 (1828) = *Gymnanthemum capensis* (A.Spreng.) J.C.Manning & Swelank., S. Afr. J. Bot. 102: 92 (2016)

## **FELICIA CASS.**

*Felicia douglasii* J.C.Manning & Magee, S. Afr. J. Bot. 114: 189 (2018); Type: South Africa, Eastern Cape, Willowmore, Baviaanskloof Mountains, Speekhout farm, 'Die watergat', 8 October 2016, D. Euston-Brown 5035 (NBG, holo.)

## **GERBERA L.**

*Gerbera asplenifolia* (Lam.) Spreng. var. *buxbaumii* DC., Prod. 7: 15 (1838); Type: South Africa, Western Cape: Herb. De Daniel De la Roche ex herb. Van Royen (G-DC, holo.) [only on a leaf-fragment] = *Gerbera linnaei* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 460 (1821)

*Gerbera burmanni* Cass. var. *sinuata* (Thunb.) Harv., Fl. Cap. [Harv. & Sond.] 3: 521 (1865) = *Gerbera sinuata* (Thunb.) Spreng., Syst. Veg. (ed. 16) [Sprengel] 3: 576 (1826)

*Gerbera coronopifolia* (L.) Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 461 (1821) = *Gerbera linnaei* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 460 (1821)

*Gerbera gerbera* (L.) Kuntze, Revis. Gen. Pl. 3[3]: 149 (1898), nom.illegit. = *Gerbera linnaei* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 460 (1821)

*Gerbera grandis* J.C.Manning & Simka, S. Afr. J. Bot. 104: 156 (2016); Type: South Africa, Western Cape Province, Caledon: Vogelgat, above Silver Stairs, dry, stony, N facing slopes, 15 Oct 1988, Williams 3695 (NBG, holo. [3 sheets])

*Gerbera lagascae* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 462 (1821), spahlm. Gerberia; Type: Not designated = *Gerbera linnaei* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 18: 460 (1821)

*Gerbera lanata* (Harv.) Dümmer, J. Roy. Hort. Soc. 40: 242 (1914) = *Gerbera tomentosa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838)

- Gerbera macrocephala* Less., *Linnaea* 5: 295 (1830); Type: South Africa, Western Cape Province, Cape Town: 'Montis Tabularis', Dec. 1826, Bergius s.n. (probably lost) = ***Gerbera crocea* (L.) Kuntze, Revis. Gen. Pl. 3[3]: 149 (1898)**
- Gerbera microcephala* Less., *Linnaea* 5: 293 (1830); Type: South Africa, Western Cape Province, Simonstown: 'ad Hangklip', Jul 1821, Mundt & Maire s.n. Type: Lost? = ***Gerbera tomentosa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838)**
- Gerbera ovata* J.C.Manning & Simka, S. Afr. J. Bot. 104: 152 (2016), nom. nov. pro *Gerbera tomentosa* var. *elliptica* DC., Prodr. 7: 16 (1838), non *G. elliptica* Lambert, Compos. Madagascar: 151, 154, 307(1923); Type: South Africa, Eastern Cape Province, Willowmore (3323): 'ad Langekloof, bei Onzer', (-CB), 12 Jan. 1830, Drège s.n. (G-DC, lecto.; P [0,011,716, 0,011,718], isolecto. [2 sheets]). Lectotype designated by Hansen in *Opera Bot.* 78: 12 (1985).**
- Gerbera sinuata* Less., *Linnaea* 5: 292 (1830), nom.superfl. = ***Gerbera serrata* (Thunb.) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 624 (1917)**
- Gerbera sinuata* (Thunb.) Spreng. var. *undulata* Sch.Bip., *Flora* 27: 778 (1844); Type: South Africa, Eastern Cape Province, Port Elizabeth: 'In solo argillaceo arenoso ad collinum latera prope fl. Kromme, Uitenhage', Mar. [without year], Krauss 513 (P, holo.; TUB, iso.) = ***Gerbera viridifolia* (DC.) Sch.Bip., Flora 27(2): 740 (1844)**
- Gerbera sylvicola* I.M.Johnson, N.R.Crouch & T.J.Edwards, *Phytotaxa* 186(4): 230 (2014); Type: South Africa. KwaZulu-Natal: iLembe District, Ndwedwe Local Municipality, farm 'Fruein' no 7413, in southfacing Scarp Forest on steep slope near stream amongst sandstone boulders, 5 September 2011, I. Johnson, N. Crouch & D. Styles 1524 (BNRH, holo.)**
- Gerbera tomentosa* DC. var. *elliptica* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838), non *Gerbera elliptica* Lambert, Compos. Madagascar: 151, 154, 307(1923) = ***Gerbera ovata* J.C.Manning & Simka, S. Afr. J. Bot. 104: 152 (2016), nom. nov. pro *Gerbera tomentosa* var. *elliptica* DC., Prodr. 7: 16 (1838), non *G. elliptica* Lambert, Compos. Madagascar: 151, 154, 307(1923)**
- Gerbera tomentosa* DC. var. *lanata* Harv., *Fl. Cap. (Harv. & Sond.)* 3: 520 (1865); Type: South Africa, Western Cape Province, Simonstown: Hottentots Hollandsberg, Zeyher 3077 (K, lecto.; G, LE, P, SAM, S, isolecto.). Lectotype designated by Hansen in *Opera Bot.* 78: 12 (1985). = ***Gerbera tomentosa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838)**
- Gerbera tomentosa* DC. var. *polyglossa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838); Type: South Africa, Western Cape Province, Worcester: 'ad Drakeenstensberg', Drège s.n. (G-DC, holo.; HBG, P, TUB, iso.) = ***Gerbera tomentosa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838)**
- Gerbera tomentosa* DC. var. *ustulata* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838); Type: South Africa, Western Cape Province, Worcester: 'ad Drakeensternberg', Drège s.n. (G-DC, holo.; K, P, iso.) = ***Gerbera tomentosa* DC., Prodr. [A. P. de Candolle] 7(1): 16 (1838)**

## **GLEBIONIS CASS.**

*Glebionis coronaria* (L.) Cass. ex Spach, *Hist. Nat. Vég. (Spach)* 10: 181 (1841)

## **GNAPHALIUM L.**

*Gnaphalium argyrocoma* Sch.Bip., *Bot. Zeitung (Berlin)* 3: 169 (1845) = ***Dolichostrix ericoides* (Lam.) Hilliard & B.L.Burt, Bot. J. Linn. Soc. 82(3): 221 (1981)**

## **GORTERIA L.**

*Gorteria alienata* (Thunb.) Stångb. & Anderb.

*Gorteria piloselloides* (Cass.) Stångb. & Anderb.

*Gorteria warmbadica* Stångb. & Anderb.

## **GRANGEA ADANS.**

*Grangea adansonii* Cass., Dict. Sci. Nat., ed. 2. [F. Cuvier] 19: 304 (1821) = *Grangea maderaspatana* (L.) Poir., Encycl. [J. Lamarck & al.] Suppl. 2: 825 (1812)

## **GYMNANTHEMUM CASS.**

*Gymnanthemum capensis* (A.Spreng.) J.C.Manning & Swelank., S. Afr. J. Bot. 102: 92 (2016); Type: South Africa, [Eastern Cape], 'Uitenhagen', [without date], Zeyher [Fl. Cap. No. 201], (HAL [sheet HAL0111268], holo.)

*Gymnanthemum koekemoerae* H.Rob. & V.A.Funk, PhytoKeys 36: 61 (2014); Type: South Africa, Limpopo Province, Thathe-Vonde Nature Reserve, grassland at rocky outcrop near entrance, 23 Mar 2002, Koekemoer 2273 (PRE, holo.; US, iso.)

*Gymnanthemum triflorum* (Bremek.) H.Rob., Phytologia 87(2): 80 (2005); Type: South Africa, [Limpopo Province], 'Pietersburg District, Blauwberg [Blouberg] above [Farm] Leipzig', 17 Jan 1931, Bremekamp & Schweickerdt 67 (PRU, holo.; PRE, iso.)

## **HEDYPNOIS SCOP.**

*Hedypnois rhagadioloides* (L.) F.W.Schmidt, Samml. Phys.-Oekon. Aufsätze 1: 279 (1795)

## **HELMINTHOTHECA VAILL. EX ZINN**

*Helminthotheca echioides* (L.) Holub, Folia Geobot. Phytotax. 8 (2): 176 (1973)

## **HILLIARDIELLA H.ROB.**

*Hilliardiella capensis* (Houtt.) H.Rob., Skvarla & V.A.Funk, PhytoKeys 60: 87 (2016); Type: Illustration in Houttyn, Nat. Hist. Deel [Part] 2, 10: t. 69, f. 2 (1779)

*Hilliardiella elaeagnoides* (DC.) Swelank. & J.C.Manning, S. Afr. J. Bot. 106: 50 (2016); Type: South Africa, KwaZulu-Natal, 'ad Zw. Omsamwubo [Umzimvubu] et Omsamculo [Umzimkulu]', Drège 5077 (G-DC, holo.)

*Hilliardiella flanaganii* (E.Phillips) H.Rob., Skvarla & V.A.Funk, PhytoKeys 60: 87 (2016); Type: South Africa, Free State-Natal Border, Elands River Valley near Mont Aux Sources, Flanagan 1947 (SAM, lecto.; PRE, isolecto.) Lectotype designated by Hilliard & Burtt, Notes from the Royal Botanic Garden Edinburgh 42: 238 (1985).

*Hilliardiella pseudonatalensis* (Wild) H.Rob., Skvarla & V.A.Funk, PhytoKeys 60: 88 (2016) = *Hilliardiella aristata* (DC.) H.Rob., Proc. Biol. Soc. Washington 112(1): 230 (1999)

*Hilliardiella sutherlandii* (Harv.) H.Rob., Phytologia 87(2): 82 (2005); Type: South Africa, Kwa-Zulu-Natal, Klip River, Oct. 1858, Sutherland s.n. (TCD0002909, holo.)

## **HYMENOLEPIS CASS.**

*Hymenolepis calva* Magoswana & Magee, S. African J. Bot. 91: 141 (2014)

*Hymenolepis glabra* Magoswana & Magee, Phytotaxa 230(2): 190 (2015); Type: South Africa, Western Cape Province, Montagu: Farm Koktyls, ca. 14 km E of Barrydale, 4 October 2014, Vlok & Schutte-Vlok 712 (NBG, holo.; K, iso.)

## **HYOSERIS L.**

*Hyoseris rhagadioloides* L., Sp. Pl. 2: 809 (1753) = *Hedypnois rhagadioloides* (L.) F.W.Schmidt, Samml. Phys.-Oekon. Aufsätze 1: 279 (1795)

## **KERINGA RAF.**

*Keringa amygdalina* (Delile) Raf., Sylva Tellur.: 144 (1838) = *Gymnanthemum amygdalinum* (Delile) Sch.Bip. ex Walp., Repert. Bot. Syst. (Walpers) 2: 948 (1843)

## **LASIOPUS CASS.**

*Lasiopus viridifolius* DC. var. *hisutus* DC. = *Gerbera viridifolia* (DC.) Sch.Bip., *Flora* 27(2): 740 (1844)

## **LEPTILON RAF.**

*Leptilon bonariensis* (L.) Small, Fl. S.E. U.S.: 1340 (1903) = *Conyza bonariensis* (L.) Cronquist, *Bull. Torrey Bot. Club* 70: 632 (1943)

*Leptilon linifolium* (Willd.) Small, Fl. S.E. U.S.: 1340 (1903) = *Conyza bonariensis* (L.) Cronquist, *Bull. Torrey Bot. Club* 70: 632 (1943)

## **LINZIA SCH.BIP. EX WALP.**

*Linzia gerberiformis* (Oliv. & Hiern) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 237 (1999)

## **MARSEA ADANS.**

*Marsea bonariensis* (L.) V.M.Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 256 (1946) = *Conyza bonariensis* (L.) Cronquist, *Bull. Torrey Bot. Club* 70: 632 (1943)

*Marsea canadensis* (L.) V.M.Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 256 (1946) = *Conyza canadensis* (L.) Cronquist, *Bull. Torrey Bot. Club* 70: 632 (1943)

*Marsea chilensis* (Spreng.) V.M.Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 257 (1946) = *Conyza chilensis* Spreng., *Novi. Provent.*: 14 (1819)

## **METALASIA R.BR.**

*Metalasia eburnea* Bengtson & P.O.Karis, *S. African J. Bot.* 84: 76 (2012)

*Metalasia formosa* Bengtson & P.O.Karis, *S. African J. Bot.* 84: 73 (2012)

*Metalasia tristis* Bengtson & P.O.Karis, *S. African J. Bot.* 84: 72 (2012)

## **NAMIBITHAMNUS H.ROB., SKVARLA & V.A.FUNK**

*Namibithamnus obionifolius* (O.Hoffm.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 94 (2016)

## **OLIGOGLOSSA DC.**

*Oligoglossa acicularis* E.Mey. ex DC., *Prodr. [A. P. de Candolle]* 6: 76 (1838) = *Phymaspermum aciculare* (E.Mey. ex Harv.) Benth. & Hook. ex B.D.Jacks., *Index Kew.* 11: 339 (1895)

## **OOCEPHALA (S.B.JONES) H.ROB.**

*Oocephala centaureoides* (Klatt) H.Rob. & Skvarla, *PhytoKeys* 38: 2 (2014)

*Oocephala staehelinoidea* (Harv.) H.Rob. & Skvarla, *PhytoKeys* 38: 2 (2014)

## **ORBIVESTUS H.ROB.**

*Orbivestus obionifolius* (O.Hoffm.) J.C.Manning, *Strelitzia* 30: 308 (2013) = *Namibithamnus obionifolius* (O.Hoffm.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 94 (2016)

## **OSTEOSPERMUM L.**

*Osteospermum moniliferum* L., *Sp. Pl.* 2: 923 (1753)

*Osteospermum thymelaeoides* DC., *Prodr. [A. P. de Candolle]* 6: 462 (1838) = *Phymaspermum thymelaeoides* (DC.) Magee & Ruiters, *Syst. Bot.* 41(2): 439 (2016)

## **OTHONNA L.**

*Othonna othonnites* (L.) Druce, *Bot. Exch. Club Brit. Isles Rep.* 3(5): 422 (1914) = *Crassothonna capensis* (L.H.Bailey) B.Nord., *Compositae Newslett.* 50: 72 (2012)

## **PARAPOLYDORA H.ROB.**

*Parapolydora fastigiata* (Oliv. & Hiern) H.Rob., *Phytologia* 87(2): 79 (2005)

*Parapolydora gerrardii* (Harv.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 103 (2016)

## **PENTZIA THUNB.**

*Pentzia pinnatifida* Oliv. var. *chenoleoides* Hutch., *Kew Bull.* 10: 241 (1916); Type: South Africa, Limpopo, Tzaneen: Near Murchison, 1884/5, Wood 3110 (K, lecto.; NH, isolecto.) Lectotype designated by Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 32: (1973). = *Phymaspermum acerosum* (DC.) Källersjö, *Nordic J. Bot.* 5(6): 535 (1986)

*Pentzia stellata* (P.P.J.Herman) Magee, *Bot. J. Linn. Soc.* 178(4): 644 (2015); Type: South Africa, Northern Cape, Koopmansfontein Agricultural Research Station, 5 Mar. 1998, Herman 1482 (PRE, holo.; B, BM, C, E, G, J, K, KMG, M, MO, NBG, NMB, P, PRU, S, UPS, WAG, WIND, Z, iso.)

## **PHYMASPERMUM LESS.**

*Phymaspermum aphyllum* Magee & Ruiters, *Syst. Bot.* 41(2): 442 (2016); Type: South Africa, Western Cape, Montagu: Along road between Ladismith and Laingsburg, in road reserve, 2 June 2007, Vlok & Schutte 596 (NBG, holo.; K, iso.)

*Phymaspermum comptonii* Magee & Ruiters, *Syst. Bot.* 41(2): 451 (2016); Type: Swaziland, Mbabane: Bomvu ridge, 25 Mar. 1964, Compton 32016 (NBG, holo.; PRE 2 sheets, iso.)

*Phymaspermum oppositifolium* Magee & Ruiters, *Syst. Bot.* 41(2): 443 (2016); Type: South Africa, Eastern Cape, Steytlerville: Kouga Mountain, Riverside, 20 January 2000, Eusten-Brown 02 (NBG, holo.)

*Phymaspermum thymelaeoides* (DC.) Magee & Ruiters, *Syst. Bot.* 41(2): 439 (2016); Type: South Africa, Western Cape, Beaufort West: 'Nieuwewelbergen' [Nieuwveld mountains], Oct 1826, Drège 6177 (G–DC, holo.; P, two sheets, iso.)

*Phymaspermum trifidum* Magee & Ruiters, *Syst. Bot.* 41(2): 440 (2016); Type: South Africa, Western Cape, Worcester: Farm Goedemoed, between Robertson and McGregor, 28 November 2012, Magee & Boatwright 512 (NBG, holo.; BOL, K, PRE, S, iso.)

## **PSEUDOPEGOLETTIA H.ROB., SKVARLA & V.A.FUNK**

*Pseudopegolettia tenella* (DC.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 110 (2016)

*Pseudopegolettia thodei* (E.Phillips) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 110 (2016)

## **SCHISTOSTEPHIUM LESS.**

*Schistostephium heptalobum* (DC.) Hutch., *Bull. Misc. Inform. Kew* 1916: 104 (1916), non Oliv. & Hiern (1877) = *Schistostephium crataegifolium* (DC.) Fenzl ex Harv., *Fl. Cap. (Harvey)* 3: 169 (1865)

## **SENECIO L.**

*Senecio pseudolongifolius* Sch.Bip. ex J.Calvo, *Bothalia* 43(2): 228 (2013)

## **SENECIODES L. EX T.POST & KUNTZE**

*Seneciodes cinereum* (L.) Kuntze, *Lex. Gen. Phan.*: 515 (1903) = *Cyanthillium cinereum* (L.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 252 (1990)

## **STENGELIA STEETZ**

*Stengelia adoensis* Sch.Bip. ex Hochst., *Flora* 24(1, *Intelligenzbl.*): 26 (1841), nom.nud. = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 250 (1990)

## **SYMPHYOTRICHUM NEES**

*Symphytotrichum subulatum* (Michx.) G.L.Nesom var. *squamatum* (Spreng.) S.D.Sundb., *Sida* 21(2): 908 (2004) = *Symphytotrichum squamatum* (Spreng.) G.L.Nesom, *Phytologia* 77(3): 292 (1995)

## **TITHONIA DESF. EX JUSS.**

*Tithonia tubaeformis* (Jacq.) Cass., *Dict. Sci. Nat.*, ed. 2. [F. Cuvier] 54: 456 (1829)

## **URSINIA GAERTN.**

*Ursinia arida* Magee & Mucina, *Phytotaxa* 177(3): 141 (2014)

*Ursinia glandulosa* Magee & Boatwr., *Phytotaxa* 177(3): 142 (2014)

*Ursinia kamiesbergensis* Magee & Mucina, *Phytotaxa* 177(3): 143 (2014)

*Ursinia laciniata* Magee & Mucina, *Phytotaxa* 177(3): 144 (2014)

## **VERBESINA L.**

*Verbesina encelioides* (Cav.) Benth. & Hook.f. ex A.Gray subsp. *encelioides*, Autonym when subsp. *exauriculatum* is accepted.

*Verbesina encelioides* (Cav.) Benth. & Hook.f. ex A.Gray subsp. *exauriculata* (B.L.Rob. & Greenm.) & J.R.Coleman, *Amer. Midl. Naturalist* 76:478 (1966)

## **VERNONIA SCHREB.**

*Vernonia cinerea* (L.) Less., *Linnaea* 4: 291 (1829) = *Cyanthillium cinereum* (L.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 252 (1990)

*Vernonia colorata* (Willd.) Drake, *Hist. Madag. Pl.* 6, *Atlas* 4 [Grandidier]: t. 466 (1897) = *Gymnanthemum coloratum* (Willd.) H.Rob. & B.Kahn, *Proc. Biol. Soc. Washington* 112(1): 240 (1999)

*Vernonia corymbosa* (L.f.) Less. var. *mespiloides* DC., *Prodr.* [A. De Candolle 5]: 29 (1836); Type: South Africa, [Eastern Cape], 'Omtanda' [Umtentu River], Drège 5036 [G-DC, holo.; B; NBG, iso.]. = *Gymnanthemum corymbosum* (L.f.) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 241 (1999)

*Vernonia corymbosa* (L.f.) Less. var. *pleiantha* O.Hoffm., *Bot. Jahrb.* 24: 467 (1898); Types: South Africa, [Eastern Cape], 'Pondoland, coastal forest in sandstone region', Beyrich 242, 309 (B?†, syn.); Port Grosvenor, Bachmann 1662 (B?†, syn.) = *Gymnanthemum corymbosum* (L.f.) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 241 (1999)

*Vernonia gerberiformis* Oliv. & Hiern var. *hockii* (De Wild. & Muschl.) G.V.Pope, *Kew Bull.* 43(2): 280 (1988) = *Linzia gerberiformis* (Oliv. & Hiern) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 237 (1999)

*Vernonia hockii* De Wild. & Muschl., *Bull. Soc. Roy. Bot. Belgique* 1912, xlix 240 (1913) = *Linzia gerberiformis* (Oliv. & Hiern) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 237 (1999)

*Vernonia kraussii* Sch.Bip. ex Walp. var. *oligocephala* (DC.) H.Rob., *Proc. Biol. Soc. Washington* 112: 230 (1999) = *Hilliardiella elaeagnoides* (DC.) Swelank. & J.C.Manning, *S. Afr. J. Bot.* 106: 50 (2016)

*Vernonia latisquama* Mattf., *Bot. Jahrb. Syst.* 59(4, Beibl. 133): 5 (1924) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 250 (1990)

*Vernonia macrocephala* A.Rich., *Tent. Fl. Abyss.* 1: 377 (1848), non Less. (1829) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 250 (1990)

*Vernonia pinifolia* (Lam.) Less. var. *glabrata* Harv., *Fl. Cap.* 3: 51 (1865); Type: South Africa, Eastern Cape, Howieson's Poort, Hutton s.n. (TCD, holo.) = *Hilliardiella capensis* (Houtt.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 87 (2016)



- Vernonia polymorpha* Vatke var. *accedens* Vatke, *Linnaea* 39: 477 (1875) = ***Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)**
- Vernonia polymorpha* Vatke var. *adoensis* (Sch.Bip. ex Walp.) Vatke, *Linnaea* 39: 476 (1875) = ***Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)**
- Vernonia polymorpha* Vatke var. *ambigua* Vatke, *Linnaea* 39: 477 (1875) = ***Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)**

## **VERNONIASTRUM H.ROB.**

- Vernoniastrum acuminatissimum* (S.Moore) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 111 (2016)

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## **BALANTIOPSISIDACEAE**

### **TRACHYPHYLLUM A.GEPP**

- Trachyphyllum inflexum* (Harv.) A.Gepp, *Cat. Afr. Pl.* 2(2): 299 (1901)

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## **BEGONIACEAE**

### **BEGONIA L.**

- Begonia sonderiana* Irmsch. var. *transgrediens* Irmsch., *Bot. Jahrb. Syst.* 81: 160 (1961) = ***Begonia sonderiana* Irmsch.**

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## **BERBERIDACEAE**

### **BERBERIS TOURN. EX L.**

- Berberis aristata* DC., *Syst. Nat.* [Candolle] 2: 8 (1821)

### **MAHONIA NUTT.**

- Mahonia oiwakensis* Hayata, *Icon. Pl. Formosan.* 6: 1 (1916)

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## **BIGNONIACEAE**

### **CRESCENTIA L.**

- Crescentia pinnata* Jacq., *Collectanea* 3: 203 (1791) = ***Kigelia africana* (Lam.) Benth. subsp. africana**

### **KIGELIA DC.**

- Kigelia aethiopica* Decne. var. *abyssinica* (A.Rich.) Sprague, *Fl. Trop. Afr.* [Oliver et al.] 4(2.3): 538 (1906) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia aethiopica* Decne. var. *bornuensis* Sprague, *Fl. Trop. Afr.* [Oliver et al.] 4(2.3): 538 (1906) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia aethiopica* Decne. var. *usambarica* Sprague, *Fl. Trop. Afr.* [Oliver et al.] 4(2.3): 538 (1906) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia africana* (Lam.) Benth. var. *aethiopica* (Sprague) Aubrév. ex Sillans, *Notul. Syst.* (Paris) 14: 324 (1953) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia erytraeae* Mattei, *Boll. Reale Orto Bot. Palermo* 7: 110 (1908) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia ikbaliae* De Wild., *Pl. Nov. Horti Then.* 1: 1 (1904) = ***Kigelia africana* (Lam.) Benth. subsp. africana**
- Kigelia pinnata* (Jacq.) Decne. var. *tomentella* Sprague, *Fl. Trop. Afr.* [Oliver et al.] 4(2.3): 537 (1906) = ***Kigelia africana* (Lam.) Benth. subsp. africana**

*Kigelia somalensis* Mattei, Boll. Reale Orto Bot. Palermo 7: 109 (1908) = *Kigelia africana* (Lam.) Benth. subsp. *africana*  
*Kigelia talbotii* Hutch. & Dalziel, Fl. W. Trop. Afr. 2: 238 (1931) = *Kigelia africana* (Lam.) Benth. subsp. *africana*

### **TANAECIUM SW.**

*Tanaecium pinnatum* (Jacq.) Willd., Sp. Pl. 3: 312 (1800) = *Kigelia africana* (Lam.) Benth. subsp. *africana*

### **TECOMA JUSS.**

*Tecoma africana* (Lam.) G. Don, Gen. Hist. 4: 224 (1838) = *Kigelia africana* (Lam.) Benth., Niger Fl. [W. J. Hooker]: 463 (1849)

*Tecoma fulva* (Cav.) D. Don subsp. *garrocha* (Hieron.) J.R.I. Wood, Bot. J. Linn. Soc. 156 (1): 164 (2008)

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## **BORAGINACEAE**

### **MYOSOTIS L.**

*Myosotis stricta* Link ex Roem. & Schult.

### **SYMPHYTUM TOURN. EX L.**

*Symphytum bulbosum* K.F. Schimp., Flora 8: 17 (1825)

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## **BRASSICACEAE**

### **DIPLOTAXIS DC.**

*Diplotaxis muralis* (L.) DC. subsp. *muralis*

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## **BRUNIACEAE**

### **BERARDIA SOND.**

*Berardia trigyna* Schltr., J. Bot. 36: 315 (1898) = *Brunia trigyna* (Schltr.) Class.-Bockh. & E.G.H.Oliv., Taxon 60(4): 1151 (2011)

### **BRUNIA LAM.**

*Brunia capitella* Thunb., Diss. Brun.: 5 (1804), non E.Mey. (1844) = *Staavia capitella* (Thunb.) Sond., Fl. Cap. [Harvey & Sonder] 2: 323 (1862)

*Brunia glutinosa* P.J. Bergius, Descr. Pl. Cap.: 57 (1767) = *Staavia glutinosa* (L.) Dahl, Observ. Bot.: 17 (1787)

*Brunia lanuginosa* L., Sp. Pl.: 199 (1753) = *Berzelia lanuginosa* (L.) Brongn., Ann. Sci. Nat. (Paris) 8: 372 (1826)

*Brunia rubra* Willd., Denkschr. Königl. Akad. Wiss. München 1: 131 (1809) = *Berzelia rubra* (Willd.) Schltdl., Linnaea 6: 189 (1831)

*Brunia squarrosa* Thunb., Diss. Brun.: 5 (1804) = *Berzelia squarrosa* (Thunb.) Sond., Fl. Cap. [Harvey & Sonder] 2: 312 (1862)

*Brunia verticillata* L.f., Suppl. Pl.: 156 (1782) = *Staavia verticillata* (L.f.) Pillans, J. S. African Bot. 13: 173 (1947)

### **PTYXOSTOMA VAHL**

*Ptyxostoma monogyna* Vahl, Skr. Naturhist. Selsk. 6: 96 (1810) = *Brunia monogyna* (Vahl) Class.-Bockh. & E.G.H.Oliv., Taxon 60(4): 1152 (2011)

*Ptyxostoma myrtooides* Vahl, Skr. Naturhist. Selsk. 6: 97 (1810) = *Brunia myrtooides* (Vahl) Class.-Bockh. & E.G.H.Oliv., Taxon 60(4): 1152 (2011)

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## BRYACEAE

### **GEMMABRYUM J.R.SPENCE & H.P.RAMSEY**

*Gemmabryum ruderale* (Crundw. & Nyholm) J.R.Spence, *Phytologia* 89(1): 111 (2007)

### **ROSULABRYUM J.R.SPENCE**

*Rosulabryum capillare* (Hedw.) J.R.Spence, *Bryologist* 99(2): 223 (1996)

*Rosulabryum rubens* (Mitt.) J.R.Spence, *Novon* 19(3): 399 (2009)

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## CACTACEAE

### **AUSTROCYLINDROPUNTIA BACKEB.**

*Austrocyllindropuntia subulata* (Muehlenpf.) Backeb.

*Austrocyllindropuntia vestita* (Salm-Dyck) Backeb., *Cactaceae* (Berlin) 1939: 11 (1939); Type: Bolivia, Chuquisaca, Yamparaez, Leg. F. Ritter FR 891 (SGO 121911, neo.) Neotype designated by Guiggi, *Cactology* 2 (Suppl.): (2011).

### **CEREUS MILL.**

*Cereus hexagonus* (L.) Mill., *Gard. Dict.*, ed. 8: n. 1 (1768)

*Cereus jamacaru* DC. subsp. *jamacaru*

### **CYLINDROPUNTIA (ENGELM.) F.M.KNUTH**

*Cylindropuntia fulgida* (Engelm.) F.M.Knuth var. *fulgida*

*Cylindropuntia fulgida* (Engelm.) F.M.Knuth var. *mamillata* (A.Schott ex Engelm.) Backeb., *Cactaceae* (Backeberg) 1: 204 (1958)

*Cylindropuntia spinosior* (Engelm.) F.M.Knuth, *Kaktus-ABC* [Backeb. & Knuth]: 126 (1936)

### **ECHINOCACTUS LINK & OTTO**

*Echinocactus oxygonus* Link, *Verh. Vereins Beford. Gartenbaues Konigl. Preuss. Staaten* 6: 419, t.1 (1830); Type: *Verh. Vereins Beford. Gartenbaues Konigl. Preuss. Staaten*, plate 1 (1830) (lecto.) Lectotype designated by N.P. Taylor, *Cactaceae Syst. Init.* 19: 11 (2005). = *Echinopsis oxygona* Link & Otto

### **ECHINOPSIS ZUCC.**

*Echinopsis schickendantzii* F.A.C.Weber, *Dict. Hort.* 1: 473 (1896), The preferred name for what was known as *E. spachiana*.

### **HARRISIA BRITTON**

*Harrisia pomanensis* (F.A.C.Weber) Britton & Rose, *Cactaceae* (Britton & Rose) 2: 155 (1920)

*Harrisia tortuosa* (J.Forbes ex Otto & A.Dietr.) Britton & Rose, *Cactaceae* (Britton & Rose) 2: 154(1920)

### **NOPALEA SALM-DYCK**

*Nopalea cochenillifera* (L.) Salm-Dyck, *Cact. Hort. Dyck.* 64 (1850) = *Opuntia cochenillifera* (L.) Mill., *Gard. Dict.* ed. 8 6 (1768)

### **OPUNTIA MILL.**

*Opuntia elata* Salm-Dyck, *Hort. Dyck.*: 361 (1834)

*Opuntia pubescens* J.C.Wendl. ex Pfeiff., *Enum. Diagn. Cact.*: 149 (1837)

*Opuntia pumila* Rose, *Smithsonian Misc. Collect.* 50: 521 (1908) = *Opuntia pubescens* J.C.Wendl. ex Pfeiff., *Enum. Diagn. Cact.*: 149 (1837)

*Opuntia stricta* (Haw.) Haw. var. *dillenii* (Ker Gawl.) L.D.Benson, Cact. Succ. J. (Los Angeles) 41: 126 (1969)

*Opuntia stricta* (Haw.) Haw. var. *stricta*

### **STENOCEREUS (A.BERGER) RICCOB.**

*Stenocereus pruinosus* (Otto ex Pfeiff.) Buxb., Bot. Stud. Heft 12 (Entwickl. Trib. Pachycereae): 101 (1961)

### **TRICHOCEREUS (A.BERGER) RICCOB.**

*Trichocereus pachanoi* Britton & Rose, Cactaceae 2: 134–135, f. 196 (1920), Competes with the name *Echinopsis pachanoi* (Britton & Rose) Friedrich & G.D. Rowley.

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## **CAMPANULACEAE**

### **LIGHTFOOTIA L'HÉR.**

*Lightfootia divaricata* H.Buek, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 375 (1837), non *Wahlenbergia divaricata* E.Mey. ex A.DC. (1839); Type: South Africa, Albany, Grahamstown, Ecklon & Zeyher 2352 (S, holo.) = *Wahlenbergia thunbergii* (Schult.) B.Nord. var. *thunbergii*

*Lightfootia intermedia* H.Buek, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 374 (1837), non *Wahlenbergia intermedia* A.Zahlbr. (1899); Type: South Africa, Uitenhage, Swartkops River, Zeyher (S, holo.) = *Wahlenbergia thunbergii* (Schult.) B.Nord. var. *thunbergii*

*Lightfootia loddigesii* A.DC., Monogr. Campan.: 114 (1830) = *Wahlenbergia tenerrima* (H.Buek) Lammers, Taxon 44(3): 338 (1995)

### **ROELLA L.**

*Roella divina* Cupido, Nordic J. Bot. 33(1): 34 (2015); Type: South Africa, Western Cape, Grabouw, Hottentots Holland Nature Reserve, eastern slopes of Landdrooskop, 2013/1/18, Cupido 643 (NBG, holo.; BOL, PRE, iso.)

### **TRACHELIUM L.**

*Trachelium lanceolatum* Guss., Fl. Sicul. Syn. 1: 252 (1843)

### **WAHLENBERGIA SCHRAD. EX ROTH**

*Wahlenbergia melanops* Goldblatt & J.C.Manning, S. African J. Bot. 100: 59 (2015); Type: South Africa, Western Cape, Vanrhynsdorp: sandveld east of Doringbaai at Farm Kliphoek, 61 m, 11 Oct. 2013, Goldblatt & Porter 13997 (NBG, holo.; K, MO, PRE, iso.)

*Wahlenbergia thunbergii* (Schult.) B.Nord.

*Wahlenbergia uitenhagensis* (H.Buek) Lammers, Taxon 44(3): 338 (1995); Type: South Africa, Uitenhage, Swartkops River, Ecklon & Zeyher 2345 (S, holo.; SAM, iso.) = *Wahlenbergia thunbergii* (Schult.) B.Nord. var. *thunbergii*

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## **CAPRIFOLIACEAE**

### **SAMBUCUS L.**

*Sambucus nigra* L. var. *canadensis* (L.) B.L.Turner, Sida, Bot. Misc. 24: 6 (2003) = *Sambucus canadensis* L., Sp. Pl. 1: 269 (1753)

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## **CARYOPHYLLACEAE**

### **CERASTIUM L.**

*Cerastium fontanum* Baumg. subsp. *vulgare* (Hartm.) Greuter & Burdet, Willdenowia 12: 37 (1982), Following Wyse Jackson, M.B.(1993) *Cerastium fontanum*. In Fl. Europaea.

## **SILENE L.**

*Silene thunbergiana* Bartl., Linnaea 7: 623 (1832), nom.inval. = *Silene thunbergiana* Eckl. & Zeyh. ex Sond., Fl. Cap. 1: 128 (1862)

*Silene thunbergiana* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 1: 32 (1834), nom.inval. = *Silene thunbergiana* Eckl. & Zeyh. ex Sond., Fl. Cap. 1: 128 (1862)

## **TELEPHIUM L.**

*Telephium laxiflorum* DC., Prodr. [A. P. de Candolle] 3: 366 (1828); Type: South Africa, Cape, 1812, Burchell 2054 (G-DC-G00488203, holo.; K, iso.) = *Corbichonia decumbens* (Forssk.) Exell, J. Bot. 73: 80 (1935)

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## **CELASTRACEAE**

### **GYMNOSPORA (WIGHT & ARN.) HOOK.F.**

*Gymnosporia graniticola* Jordaan, SABONET Report 35: 54. (2005), ms. (never published) =

*Gymnosporia swazica* Jordaan, Phytotaxa 192(4): 296 (2015)

*Gymnosporia swazica* Jordaan, Phytotaxa 192(4): 296 (2015); Type: South Africa. Mpumalanga: Nelspruit District, Crocodile River Gorge, along road from Nelspruit to Kaapmuiden, 11 July 2000, Jordaan 3712 (PRE0863219-0, holo.; K, NH, iso.).

### **PRISTIMERA MIERS**

*Pristimera delagoensis* (Loes.) R.H.Archer var. *delagoensis*

### **PUTTERLICKIA ENDL.**

*Putterlickia neglecta* Jordaan, R.G.C.Boon & A.E.van Wyk, Phytotaxa 208(3): 219 (2015); Type: South Africa. KwaZulu-Natal: Sibayi, 2 December 1994, R.A.Lubbe 500 (PRU78273, holo.; K, iso.)

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## **CLEOMACEAE**

### **TARENAYA RAF.**

*Tarenaya hassleriana* (Chodat) Iltis, Novon 17(4): 450 (2007); Type: Paraguay, "Ad ripam flumis pr. Apa. fl. Maj.", E. Hassler 162 (G-BOIS, holo.)

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## **COMBRETACEAE**

### **COMBRETUM LOEFL.**

*Combretum vendae* A.E.van Wyk var. *glabratum* N.Hahn, S. African J. Bot. 78: 148 (2012)

*Combretum vendae* A.E.van Wyk var. *vendae*

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## **COMMELINACEAE**

### **ANEILEMA R.BR.**

*Aneilema dregeanum* Kunth subsp. *dregeanum*

*Aneilema hockii* De Wild. subsp. *hockii*

*Aneilema hockii* De Wild. subsp. *longiaxis* Faden, Fl. Trop. E. Africa, Commelin.: 80 (2012)

### **CALLISIA LOEFL.**

*Callisia fragrans* (Lindl.) Woodson, Ann. Missouri Bot. Gard. 29: 154 (1942)

### **COMMELINA L.**

*Commelina krebsiana* Kunth, Enum. Pl. [Kunth] 4: 40 (1843) = *Commelina africana* L. var. *krebsiana* (Kunth) C.B.Clarke

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## CONVOLVULACEAE

### **IPOMOEA L.**

*Ipomoea cairica* (L.) Sweet

### **PORANOPSIS ROBERTY**

*Poranopsis paniculata* (Roxb.) Roberty, Candollea 14: 26 (1953)

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## CORBICHONIACEAE

### **AXONOTECHIUM FENZL**

*Axonotechium trianthemoides* (B.Heyne) Fenzl, Ann. Wiener Mus. Naturgesch. 1: 355 (1836) =  
*Corbichonia decumbens* (Forssk.) Exell, J. Bot. 73: 80 (1935)

### **CORBICHONIA SCOP.**

*Corbichonia exellii* Sukhor., Phytotaxa 218(3): 230 (2015); Type: Angola. Mossamedes [Namibe province]: 74 km from Mossamedes, Montemor, dry scrub, 19 May 1937, Exell & Mendonça 2186 (BM-001122713, holo.)

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## CRASSULACEAE

### **COTYLEDON L.**

*Cotyledon adscendens* Van Jaarsv. & Eggl, Bradleya 34: 142 (2016), nom.illegit., non R.A.Dyer (1949); nom.nov. pro *Cotyledon lutea* Van Jaarsv., nom.illegit., non *C. lutea* Huds. (1779) =  
***Cotyledon xanthantha* Van Jaarsv. & Eggl, Bradleya 35: 170 (2017), nom.nov. pro  
*Cotyledon lutea* Van Jaarsv., nom.illegit., non *C. lutea* Huds. (1779)**

*Cotyledon egglii* Van Jaarsv., Bradleya 35: 185 (2017); Type: South Africa, Mpumalanga, Three Sisters, Van Jaarsveld, Xing Quan & Cheng Yajing 27072 (PRE, holo.)

*Cotyledon gloeophylla* Van Jaarsv., Bradleya 33: 183 (2015); Type: South Africa, Eastern Cape, Kouga Dam, Steytlerville: Steep south-facing slopes below cliffs on Gamtoos Thicket vegetation, sandy soil, December 1998, Van Jaarsveld 15965 (PRE, holo.)

*Cotyledon lutea* Van Jaarsv., Haseltonia 21: 92 (2015), nom.illegit., non Huds. (1779); Type: South Africa, Western Cape, Stilbaai, Goukou Rivier at Klipfontein, Van Jaarsveld & Gildenhuys 11273 (PRE, holo.) = ***Cotyledon xanthantha* Van Jaarsv. & Eggl, Bradleya 35: 170 (2017), nom.nov. pro *Cotyledon lutea* Van Jaarsv., nom.illegit., non *C. lutea* Huds. (1779)**

*Cotyledon petiolaris* Van Jaarsv., Bradleya 33: 24 (2015); Type: South Africa, Eastern Cape, Mbashe River, Butterworth: south-facing sandstone cliffs, Van Jaarsveld & Emms 16628 (PRE, holo.)

*Cotyledon xanthantha* Van Jaarsv. & Eggl, Bradleya 35: 170 (2017), nom.nov. pro *Cotyledon lutea* Van Jaarsv., nom.illegit., non *C. lutea* Huds. (1779); Type: South Africa, Western Cape, Stilbaai, Goukou River at Klimfontein, Van Jaarsveld & Gildenhuys 11273 (PRE, holo.)

### **CRASSULA L.**

*Crassula werneri* N.Jacobsen, Aloe 52(2): 40 (2016); Type: South Africa, Eastern Cape, Port Elizabeth Div., Green Bushes, 18 June 2014, Jacobsen 6855 (SCHG, holo.)

### **KALANCHOE ADANS.**

*Kalanchoe fedtschenkoi* Raym.-Hamet & H.Perrier, Ann. Mus. Colon. Marseille sér. 3, 3: 75 (1915); Type: Madagascar, Fianarantsoa, Ihosy, Mt Tsilongabalala, bassin de Mongoky, Sept 1911, H. Perrier de la Bathie 11797 (P00431060)

- Kalanchoe longiflora* Schltr. ex J.M.Wood var. *coccinea* Marn.-Lap., nom.inval. = ***Kalanchoe sexangularis* N.E.Br. var. *sexangularis***
- Kalanchoe mossambicana* Resende ex Resende & Sobr., Revista Fac. Ci. Univ. Lisboa, Sér. 2a, C, Ci. Nat. 2: 199 (1952), as 'moçambicana'; Type: Mozambique, Lourenco Marques, Maputo, Goba, 23-07-1944, Mendonca 1825 (LISU, holo.; LISC002357 pro maxima parte, iso.) = ***Kalanchoe sexangularis* N.E.Br. var. *sexangularis***
- Kalanchoe vatrinii* Raym.-Hamet, J. Bot. 54(Suppl. 1): 9 (1916); Type: Zambia, Livingstone, north bank of Zambesi, 20-08-1911, Rogers 7444 (K000232897, holo.) = ***Kalanchoe sexangularis* N.E.Br. var. *sexangularis***
- Kalanchoe waterbergensis* Van Jaarsv., Bradleya 35: 169 (2017); Type: South Africa, Limpopo, Renosterpoort, Jan Trichardt Pass, Van Jaarsveld, Mabuya, Ozerova & Guerredo 25864 (PRE, holo.)
- Kalanchoe winteri* Gideon F.Sm., N.R.Crouch & Mich.Walters, Bradleya 34: 219 (2016); Type: South Africa, Wolkberg, Limpopo province, Thabakgolo Escarpment, Sedibeng sa Lebese Mountain, West of Strasburg, 10-09-2009, P.J.D. Winter 4430 (PRE, holo.; BNRH, PRU, iso.)

## **TOELKENIA P.V.HEATH**

- Toelkenia arborescens* (Mill.) P.V.Heath, Calyx 3(3): 105 (1993) = ***Crassula arborescens* (Mill.) Willd. subsp. *arborescens***
- Toelkenia lactea* (Sol.) P.V.Heath, Calyx 3(3): 105 (1993) = ***Crassula lactea* Sol.**
- Toelkenia ovata* (Mill.) P.V.Heath, Calyx 3(3): 105 (1993) = ***Crassula ovata* (Mill.) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 617 (1917)**

## **TYLECODON TOELKEN**

- Tylecodon celatus* Van Jaarsv. & Tribble, Bradleya 35: 173 (2017); Type: South Africa, Western Cape, Erdvarkgat, near Nuwerus, Van Jaarsveld, Visagie & Grenier 27150 (NBG, holo.)
- Tylecodon florentii* Van Jaarsv., Bradleya 34: 239 (2016); Type: South Africa, Northern Cape, Vioolsdrif: sheer south facing sandstone rock face of the Kookrivier, lower western slopes of the Stinkfonteinberg, Van Jaarsveld & Smit 26251 (NBG, holo.)

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## **CYPERACEAE**

### **AFROSCIRPOIDES GARCÍA-MADR. & MUASYA**

- Afroscirpoides dioeca* (Kunth) García-Madr., Taxon 64(4): 698; Lectotype: South Africa, Drege s.n. (K000416621). Designated by Browning, S. Afr. J. Bot. 55: 426 (1989).

### **ARCHAEOCAREX H.BÖRNER**

- Archaeocarex ecklonii* (Nees) Pissjauk., Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 12: 83 (1950) = ***Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)**
- Archaeocarex kunthiana* (Kük.) Pissjauk., Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 12: 83 (1950) = ***Carex spartea* Wahlenb., Kongl. Vetensk. Acad. Nya Handl. 1803: 149 (1803)**
- Archaeocarex rufus* (Nees) Fedde & J.Schust., Just's Bot. Jahresber. 1913, 41(2): 7 (1918) = ***Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)**
- Archaeocarex spartea* (Wahlenb.) Pissjauk., Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 12: 83 (1950) = ***Carex spartea* Wahlenb., Kongl. Vetensk. Acad. Nya Handl. 1803: 149 (1803)**
- Archaeocarex thunbergii* (Nees) Pissjauk., Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 12: 83 (1950) = ***Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)**

### **CAREX L.**

- Carex basutorum* (Turrill) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 26 (2015)

- Carex burkei* (C.B.Clarke) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 26 (2015)
- Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)
- Carex capensis* Schkuhr, Besch. Riedgräs. 2: 39 (1806), nom.illegit. = *Carex capensis* Thunb.,  
**Prodr. Pl. Cap. 1: 14 (1794)**
- Carex densenervosa* Chiov., Ann. Bot. (Rome) 9: 149 (1911) = *Carex schimperiana* Boeck.,  
**Linnaea 40: 373 (1876)**
- Carex distincta* (Kukkonen) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)
- Carex indica* Schkuhr, Besch. Riedgräs. 1: 37 (1801), nom.illegit. = *Carex spartea* Wahlenb.,  
**Kongl. Vetensk. Acad. Nya Handl. 1803: 149 (1803)**
- Carex kukkoneniana* Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)
- Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)
- Carex multispiculata* Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)
- Carex perdensa* (Kukkonen) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)
- Carex pseudorufa* Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)
- Carex rufa* (Nees) Baill., Hist. Pl. (Baillon) 12: 340 (1894), non Lam. (1779), non Schrank (1789)  
= *Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)
- Carex schweickerdtii* (Merxm. & Podlech) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28  
(2015)
- Carex sprengelii* (Nees) Boeck., Linnaea 40: 371 (1876), nom.illegit. = *Carex spartea* Wahlenb.,  
**Kongl. Vetensk. Acad. Nya Handl. 1803: 149 (1803)**

## **CYPERUS L.**

- Cyperus laevigatus* L. subsp. *laevigatus*
- Cyperus papyrus* L. subsp. *papyrus*

## **FICINIA SCHRAD.**

- Ficinia arnoldii* Tshiila & Muasya, Phytotaxa 295(1): 58 (2017); Type: South Africa. Western Cape: Malmesbury, 28 August 1975, C.H. Stirton 5026 (PRE0513368-0, holo.)
- Ficinia montana* Tshiila & Muasya, Phytotaxa 295(1): 55 (2017); Type: South Africa. Western Cape: Worcester, Matroosberg Nature Reserve, 08 December 2002, A.M. Muasya 2335b (BOL, holo.; NBG, iso.)

## **FIMBRISTYLIS VAHL**

- Fimbristylis complanata* (Retz.) Link subsp. *complanata*

## **FUIRENA ROTTB.**

- Fuirena ciliaris* (L.) Roxb. var. *ciliaris*

## **HOLOSCHOENUS LINK**

- Holoschoenus thunbergii* (Schrad.) A.Dietr., Sp. Pl. 2: 164 (1833) = *Scirpoides thunbergii* (Schrad.) Soják, Cas. Nár. Mus., Odd. Prír. 140(3-4): 127 (1972)

## **ISOLEPIS R.BR.**

- Isolepis dioeca* Kunth, Enum. Pl. 2: 199 (1837); Lectotype: South Africa, Drege s.n. (K000416621). Designated by Browning, S. Afr. J. Bot. 55: 426 (1989). = *Afroscirpoides dioeca* (Kunth) García-Madr., Taxon 64(4): 698

## **KYLLINGA ROTTB.**

- Kyllinga alba* Nees subsp. *alba*
- Kyllinga brevifolia* Rottb. var. *brevifolia*
- Kyllinga melanosperma* Nees var. *melanosperma*



## **MARISCUS VAHL**

*Mariscus indecorus* (Kunth) Podlech = *Cyperus indecorus* Kunth var. *indecorus*

## **PYCREUS P.BEAUV.**

*Pycreus flavescens* (L.) Rchb. subsp. *flavescens*

## **RHYNCHOSPORA VAHL**

*Rhynchospora rugosa* (Vahl) Gale subsp. *brownii* (Roem. & Schult.) T.Koyama, An Enumeration of the Flowering Plants of Nepal: 1 (1878) = *Rhynchospora brownii* Roem. & Schult., Syst. Veg., ed. 15 bis 2: 86 (1817)

## **SCHOENOPLECTUS (RCHB.) PALLA**

*Schoenoplectus confusus* (N.E.Br.) Lye

## **SCHOENOXIPHIMUM NEES**

*Schoenoxiphium caricoides* C.B.Clark var. *major* (C.B.Clark) C.B.Clark, Bull. Misc. Inform. Kew, Addit. Ser. 8: 67 (1908) = *Carex spartea* Wahlenb., Kongl. Vetensk. Acad. Nya Handl. 1803: 149 (1803)

## **SCIRPUS L.**

*Scirpus schinzii* Boeck., Verh. Bot. Vereins Prov. Brandenburg 29: 47 (1888); Type: unknown, ex descr. = *Afroscirpoides dioeca* (Kunth) García-Madr., Taxon 64(4): 698  
*Scirpus thunbergii* (Schrad.) A.Spreng., Tent. Suppl.: 4 (1828) = *Scirpoides thunbergii* (Schrad.) Soják, Cas. Nár. Mus., Odd. Prír. 140(3-4): 127 (1972)

## **SCLERIA P.J.BERGIUS**

*Scleria distans* Poir. var. *distans*

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## **DENNSTAEDTIACEAE**

### **PTERIDIUM GLED. EX SCOP.**

*Pteridium aquilinum* (L.) Kuhn

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## **DICRANACEAE**

### **LEUCOLOMA BRID.**

*Leucoloma entabeniense* (Magill) La Farge, Bryologist 105: 610 (2002)

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## **DIDIEREACEAE**

### **CERARIA H.PEARSON & STEPHENS**

*Ceraria pygmaea* (Pillans) G.D.Rowley, Bradleya 14: 82 (1996) = *Portulacaria pygmaea* Pillans, J. Bot. 66: 195 (1928)

### **PORTULACARIA JACQ.**

*Portulacaria fruticulosa* (H.Pearson & Stephens) Bruyns & Klak, Taxon 63(5): 1061 (2014); Type: South Africa. TcAlee Mtns., 2 Jul 1911, Pearson 6142 (BOL, lecto.; K, PRE, SAM, isolecto.) Lectotype designated by Bruyns et al., Taxon 63(4): 1061 (2014)

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## DIOSCOREACEAE

### **DIOSCOREA L.**

*Dioscorea buchananii* Benth. subsp. *undatiloba* (Baker) Wilkin, PhytoKeys 48: 59 (2015); Type: South Africa. KwaZulu Natal: Port Natal, Mandini District, Tugela, male fl. & female fl. without date, Gerrard & McKen 1617 (K, post anthesis male fl. & female fl. [K000098906], holo.; TCD, female fl., iso.)

*Dioscorea diversifolia* Kunth, Enum. Pl. 5: 375 (1850), non Griseb. (1842); type only; Type: South Africa. Eastern Cape: Pondoland, between Umtentu and Umzimkulu Rivers, male fl. & female fr., Feb, year unknown, Drege 4497 (B [B\_10\_0278736 male fl.], holo.; G [G00018717 male fl.]; K [K000098903, K00098904 male fl. & female old fr.]; OXF [OXF0004195 male fl. & female old fr.]; P [P00440190 female fr.]; TCD male fl., iso.) = *Dioscorea multiloba* Kunth, Enum. Pl. [Kunth] 5: 376 (1850)

*Dioscorea natalensis* R.Knuth, Pflanzenr. [Engler] 4, 43: 94 (1924); Type: South Africa. KwaZulu Natal: Durban [Kingsburgh], Winkle Spruit, male fl. 28 Feb 1912, Rudatis 1609 (B [B\_10\_0160974], holo.; K [K000815875, K000815874], WAG [WAG0027134], Z [Z-000065671, Z-000065672], iso.) = *Dioscorea multiloba* Kunth, Enum. Pl. [Kunth] 5: 376 (1850)

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## DIPSACACEAE

### **SCABIOSA L.**

*Scabiosa lanata* Hill, Syst. Veg. 5: 46 (1763) = *Hermas lanata* (Hill) Magee, Syst. Bot. 40(1): 361 (2015)

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## DROSERACEAE

### **DROSERA L.**

*Drosera atrostyla* Debbert, Mitt. Bot. Staatssamml. München 30: 375 (1992)

*Drosera rubripetala* Debbert, Mitt. Bot. Staatssamml. München 30: 376 (1992)

*Drosera venusta* Debbert, Mitt. Bot. Staatssamml. München 23: 432 (1987)

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## DRYOPTERIDACEAE

### **ARACHNIODES BLUME**

*Arachniodes webbiana* (A.Braun) Schelpe

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## ENTODONTACEAE

### **ENTODON MÜLL.HAL.**

*Entodon stereophylloides* Broth., Bot. Jahrb. Syst. 30: 262 (1901)

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## ERICACEAE

### **ERICA L.**

*Erica banksia* Andrews = *Erica banksii* Andrews subsp. *banksii*

*Erica barbiger* Salisb., Trans. Linn. Soc. London 6: 341 (1802)

*Erica stagnalis* Salisb.

*Erica woodii* Bolus subsp. *platyura* Hilliard & B.L.Burt, Notes Roy. Bot. Gard. Edinburgh 43(2): 199 (1986)

## **SALAXIS SALISB.**

*Salaxis calyciflora* (Tausch) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 644 (1917)  
= *Erica artemisioides* (Klotzsch) E.G.H.Oliv.

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## **ESCALLONIACEAE**

### **ITEA L.**

*Itea rhamnoides* (Harv.) Kubitzki, Fam. & Gen. Vasc. Pl. [K.Kubitzki] 9: 203 (2006); Type:  
South Africa, Eastern Cape, Katberg, Brownlee s.n. (TCD, holo.; K, iso.)

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## **EUPHORBIACEAE**

### **ANTHACANTHA LEM.**

*Anthacantha desmetiana* Lem., Ill. Hort. Misc.: 64 (1858); Type: South Africa, Cape, cult. L.  
Desmet (missing) = *Euphorbia heptagona* L., Sp. Pl. 1: 450 (1753)

### **ARTHROTHAMNUS KLOTZSCH & GARCKE**

*Arthrothamnus bergii* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 63 (1860);  
Type: South Africa, Cape, Bergius (missing) = *Euphorbia burmannii* E.Mey. ex Boiss.,  
Prodr. [A. P. de Candolle] 15(2.1): 75 (1862)

*Arthrothamnus brachiatus* E.Mey. ex Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859:  
62 (1860); Type: South Africa, Cape, near Ebenezer, Drège 2948 (K, lecto.; S, isolecto.)  
Lectotype designated by Bruyns, Bothalia 42(2): 221 (2012). = *Euphorbia rhombifolia* Boiss.,  
Cent. Euphorb.: 19 (1860)

*Arthrothamnus burmannii* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 62 (1860);  
Type: South Africa, Cape, Drège (missing) Type: South Africa, Cape, Drège 2920 (P, neo.)  
Neotype designated by Bruyns, Bothalia 42(2): 219 (2012). = *Euphorbia burmannii* E.Mey.  
ex Boiss., Prodr. [A. P. de Candolle] 15(2.1): 75 (1862)

*Arthrothamnus cymosa* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 63 (1860);  
Type: South Africa, Cape, Ecklon & Zeyher, Euphorb. 24 (W, lecto.) Lectotype designated by  
Bruyns, Bothalia 42(2): 222 (2012). = *Euphorbia tenax* Burch., Trav. S. Africa 1: 219 (1822)

*Arthrothamnus densiflorus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 62 (1860);  
Type: South Africa, Cape, Karoo near Olifants River, Oudtshoorn distr., Jan. 1820, Mund &  
Maire (K, lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 220-221 (2012). =  
*Euphorbia rhombifolia* Boiss., Cent. Euphorb.: 19 (1860)

*Arthrothamnus ecklonii* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 63 (1860);  
Type: South Africa, Cape, Ecklon & Zeyher, Euphorb. 24, (Ecklon 1871) (W, lecto.) Lectotype  
designated by Bruyns, Bothalia 42(2): 222 (2012). = *Euphorbia tenax* Burch., Trav. S. Africa  
1: 219 (1822)

*Arthrothamnus scopiformis* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 63  
(1860); Type: South Africa, Cape, Bergius (missing) = *Euphorbia tenax* Burch., Trav. S.  
Africa 1: 219 (1822)

### **DACTYLANTHES HAW.**

*Dactylanthus anacantha* (Aiton) Haw., Syn. Pl. Succ.: 132 (1812) = *Euphorbia tridentata* Lam.,  
Encycl. [J. Lamarck & al.] 2(2): 416 (1788)

*Dactylanthus globosa* Haw., Phil. Mag.: 382 (1823) = *Euphorbia globosa* (Haw.) Sims, Bot.  
Mag. 53: t. 2624 (1826)

*Dactylanthus hamata* Haw., Syn. Pl. Succ.: 133 (1812) = *Euphorbia hamata* (Haw.) Sweet,  
Hort. Suburb. Lond.: 107 (1818)

*Dactylanthus patula* (Mill.) Haw., Syn. Pl. Succ.: 132 (1812) = *Euphorbia patula* Mill., Gard. Dict., ed. 8: n. 11 (1768)  
*Dactylanthus tuberculata* (Jacq.) Haw., Syn. Pl. Succ.: 133 (1812) = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)

## **EUPHORBIA L.**

- Euphorbia armata* Thunb., Prodr. Pl. Cap. 2: 86 (1800); Type: South Africa, Cape, Thunberg (UPS-THUNB 11412, holo.) = *Euphorbia loricata* Lam., Encycl. [J. Lamarck & al.] 2(2): 416 (1788)  
*Euphorbia benguelensis* Pax, Bull. Herb. Boissier 6: 741 (1898); Type: Angola, Huilla, source of Luala, Antunes 362 (missing) = *Euphorbia trichadenia* Pax, Bot. Jahrb. Syst. 19(1): 125 (1894)  
*Euphorbia bergii* A.C.White, R.A.Dyer & B.Sloane, Succ. Euphorb. 2: 963 (1941); Type: South Africa, Orange Free State, Koffi efontein, Scholtz (missing) = *Euphorbia davyi* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 305 (1915)  
*Euphorbia brevirama* N.E.Br. var. *astrophora* (Marx) Marx & Van Veldh., Euphorbia World 11(2): 8 (2015)  
*Euphorbia brevirama* N.E.Br. var. *brevirama*  
*Euphorbia brevirama* N.E.Br. var. *supraterra* Marx & Van Veldh., Euphorbia World 11(2): 9 (2015)  
*Euphorbia caput-medusae* L. var. *geminata* Aiton, Hort. Kew. 2: 136 (1789); Type: Illustration in J. Burm., Rar. Afric. Pl.: t. 9, fi g. 1 (1738) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)  
*Euphorbia caput-medusae* L. var. *major* Aiton, Hort. Kew. 2: 135 (1789); Type: Illustration in Commelijn, Praeludia Bot.: t. 7 (1703) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)  
*Euphorbia caput-medusae* L. var. *minor* Aiton, Hort. Kew. 2: 135 (1789); Type: Illustration in Breyne, Prodr. rar. pl. sec.: t. 19 (1739) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)  
*Euphorbia commelinii* DC., Cat. Pl. Horti Monsp.: 110 (1813); Type: Illustration in Commelijn, Praeludia Bot.: t. 7 (1703) (lecto.) Lectotype designated by Wijnands, The Botany of the Commelins: (1983). = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)  
*Euphorbia corifolia* Lam., Encycl. [J. Lamarck & al.] 2(2): 421 (1788); Type: South Africa, Cape of Good Hope, Sonnerat (P-LAM P00381882, holo.; K, iso.) = *Euphorbia genistoides* P.J.Bergius, Descr. Pl. Cap.: 146 (1767)  
*Euphorbia cuspidata* Bernh. ex Krauss, Flora 28(6): 86 (1844), nom.illegit., non Bertol. (1843) = *Euphorbia striata* Thunb., Prodr. Pl. Cap. 2: 86 (1800)  
*Euphorbia elliptica* Thunb. var. *undulata* Boiss., Prodr. [A. P. de Candolle] 15(2.1): 93 (1862); Type: Illustration number 810/147 by T. Duncanson at K of specimen received 1823 from Cape of Good Hope collected by Bowie (neo.) Neotype designated by Bruyns, Bothalia 42(2): 242 (2012). = *Euphorbia silenifolia* (Haw.) Sweet, Hort. Brit. [Sweet], ed. 1, 2: 356 (1826)  
*Euphorbia enneagona* Haw., Misc. Nat.: 184 (1803); Type: none located = *Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)  
*Euphorbia erosa* Willd., Enum. Pl. Suppl. [Willdenow]: 27 (1814) = *Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)  
*Euphorbia filiflora* Marloth var. *nana* G.Will., Bradleya 21: 49 (2003); Type: South Africa, Cape, T'Gabies Plateau, northwest of Kosies, Oct. 1999, Williamson 5933 (BOL, holo.) = *Euphorbia filiflora* Marloth, Trans. Roy. Soc. South Africa 3: 123 (1913)  
*Euphorbia frickiana* N.E.Br., Journ. Cact. & Succ. Soc. Amer. 2: 491 (1931); Type: South Africa, Riversdale div., Ferguson comm. Frick (K, holo.) = *Euphorbia pseudoglobosa* Marloth, S. African Gard. 19: 191 (1929)

- Euphorbia fructus-pini* Mill. var. *geminata* Sweet, Hort. Brit., ed. 1, 2: 356 (1826); Type: Illustration in J.Burm., Rar. Afric. Pl.: t. 9, fi g. 1 (1738) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = ***Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)**
- Euphorbia fructus-pini* Mill., Gard. Dict., ed. 8: n. 10 (1768); Type: J. Burm., Rar. Afric. Pl.: t. 8 (1738) Neotype designated by Bruyns, Bothalia 42(2): 231 (2012). = ***Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)**
- Euphorbia gilbertii* A.Berger, Sukk. Euphorb.: 39 (1907); Type: South Africa, Cape, Cooper (missing) = ***Euphorbia stellata* Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 886 (1799)**
- Euphorbia gossweileri* Pax, Bot. Jahrb. Syst. 43(1-2): 88 (1909); Type: Angola, Malandsche, Gossweiler 994 (K, lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 242 (2012). = ***Euphorbia trichadenia* Pax, Bot. Jahrb. Syst. 19(1): 125 (1894)**
- Euphorbia heptagona* L. var. *fulvispina* A.Berger, Monatsschr. Kakteenk. 12: 109 (1902); Type: none cited = ***Euphorbia heptagona* L., Sp. Pl. 1: 450 (1753)**
- Euphorbia hirsuta* L., Amoen. Acad. 4: 483 (1759)**
- Euphorbia hystrix* Jacq., Pl. Rar. Hort. Schoenbr. 2: 43, t. 207 (1797); Type: Illustration in Jacq., Pl. Hort. Schönbr. 2: t. 207 (1797) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 237 (2012). = ***Euphorbia loricata* Lam., Encycl. [J. Lamarck & al.] 2(2): 416 (1788)**
- Euphorbia latimammillaris* Croizat, Cact. & Succ. Journ. Amer. 4: 331 (1933); Type: none cited = ***Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)**
- Euphorbia lugardiae* (N.E.Br.) Bruyns, Taxon 55(2): 413 (2006); Type: Botswana, foot of Kwebe Peak, Kwebe Hills, fl. Aug. 1897 & leaves Feb. 1898, Mrs Lugard 22 (K, holo.)**
- Euphorbia maculata* (L.) Small, Sp. Pl. 455 (1753)**
- Euphorbia mammillaris* L. var. *spinosior* A.Berger, Monatsschr. Kakteenk. 12: 109 (1902); Type: South Africa, Cape, probably ex hort. F. Ledien (missing) = ***Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)**
- Euphorbia mammillaris* L. var. *submammillaris* A.Berger, Monatsschr. Kakteenk. 12: 125 (1902); Type: South Africa, Cape, cultivated plant from Berlin Botanic Garden (missing) = ***Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)**
- Euphorbia medusae* Thunb., Prodr. Pl. Cap. 2: 86 (1800); Type: South Africa, Cape, Thunberg (UPS-THUNB 11494, lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = ***Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)**
- Euphorbia meloformis* Aiton subsp. *meloformis* forma *falsa* (N.E.Br.) Marx, Euphorbiaceae Study Group Bull. 12(1): 32 (1999) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789)**
- Euphorbia meloformis* Aiton subsp. *meloformis* var. *magna* R.A.Dyer ex Marx, Euphorbiaceae Study Group Bull. 12: 13 (1999); Type: South Africa, Cape, Kwa Ncwane, Peddie, 18 Mar. 1999, Marx 550 (GRA, holo.) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789)**
- Euphorbia meloformis* Aiton var. *pomiformis* (Thunb.) Marloth, S. African Gard. & Country Life 18: 45 (1928) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789)**
- Euphorbia meloformis* Aiton var. *prolifera* Frick, Cact. Succ. J. (Los Angeles) 6: 74 (1934); Type: Cultivated material from seed imported from South Africa, A.C.S. 5-112-006 (missing) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789)**
- Euphorbia meyeri* Boiss., Cent. Euphorb.: 35 (1860), nom.illegit., non Steud. (1840); Type: South Africa. Cape, Paarl Mountain, Drège 2197 (K 000253220, lecto.; K, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 223 (2012). = ***Euphorbia erythrina* Link, Enum. Hort. Berol. Alt. 2: 12 (1822)**
- Euphorbia morinii* A.Berger, Sukk. Euphorb.: 98 (1907); Type: South Africa, Cape, cultivated material sold by Co. Haage & Schmidt-Erfurt (missing) = ***Euphorbia heptagona* L., Sp. Pl. 1: 450 (1753)**
- Euphorbia platymammillaris* Croizat, Cact. & Succ. Journ. Amer. 4: 333 (1933); Type: none cited = ***Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)**

- Euphorbia polygona* Haw. var. *alba* D.H.Schnabel, *Euphorbia World* 10(2): 24 (2014); Type: South Africa, Western Cape Province, Eden District Municipality, George Local Municipality, north of Uniondale, 11 November 2013, D.H. Schnabel DHS0007 (NBG, holo.) = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia polygona* Haw. var. *ambigua* D.H.Schnabel, *Euphorbia World* 10(2): 24 (2014); Type: South Africa, Eastern Cape Province, Cacadu District Municipality, Ikwezi Local Municipality, west of Klipplaat, south-west of Humefield, 13 November 2013, D.H. Schnabel DHS0008 (GRA, holo.) = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia polygona* Haw. var. *exilis* Schnabel, *Euphorbia World* 8(1): 20 (2012); Type: South Africa, Eastern Cape, foothills of Kouga Mountains, 16 Nov. 2011, Schnabel 4 (GRA, holo.) = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia polygona* Haw. var. *horrida* (Boiss.) D.H.Schnabel forma *alba*, *Euphorbia World* 9(2): 18 (2013), nom.inval. = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia polygona* Haw. var. *minor* D.H.Schnabel, *Euphorbia World* 9(2): 13 (2013); Type: South Africa, Western Cape Province, Eden District Municipality, Oudtschoorn Local Municipality, north of Oudtschoorn in the Little Karoo, Swartburg Mountain Range, south of Koos Raubenheimer dam, 17 November 2012, D.H. Schnabel DHS0006 (NBG, holo.) = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia polygona* Haw. var. *nivea* Schnabel, *Euphorbia World* 7(1): 25 (2011); Type: South Africa, Long Kloof, Kleinrivier, 15 Nov. 2010, Schnabel 1 (GRA, holo.) = ***Euphorbia polygona* Haw., Misc. Nat.: 184 (1803)**
- Euphorbia pomiformis* Thunb., *Prodr. Pl. Cap.* 2: 86 (1800); Type: South Africa, Zwartkops, Thunberg (missing) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789)**
- Euphorbia procumbens* Meerb., *Pl. Rar. Depict.*: t. 55 (1789), nom.illegit., non Mill. (1786) = ***Euphorbia stellata* Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 886 (1799)**
- Euphorbia pseudohypogaea* Dinter, *Repert. Spec. Nov. Regni Veg.* 17: 265 (1921); Type: Namibia, am Wege von Oas nach Gobabis, Dinter 3144 (missing) = ***Euphorbia davyi* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 305 (1915)**
- Euphorbia radiata* E.Mey. ex Boiss., *Prodr. [A. P. de Candolle]* 15(2.1): 90 (1862), nom.illegit., non Thunb. (1800) = ***Euphorbia restituta* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 339 (1915)**
- Euphorbia rangeana* Dinter, *Neue Pfl. Deutsch-Sudwest-Afr.*: 31 (1914); Type: none cited = ***Euphorbia braunsii* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 326 (1915)**
- Euphorbia scopoliana* Steud., *Nomencl. Bot. [Steudel]*, ed. 2. 1: 615 (1840), nom.superfl. for *E. fimbriata* Scopoli (1788) = ***Euphorbia mammillaris* L., Sp. Pl. 1: 451 (1753)**
- Euphorbia stegmatica* Nel, *Jahrb. Deutsch. Kakteen-Ges.* 1: 43 (1935); Type: South Africa, Cape, Stinkfonteinberg, Oct. 1930, Herre sub SUG 6518 (BOL, holo.) = ***Euphorbia quadrata* Nel, Jahrb. Deutsch. Kakteen-Ges. 1: 42 (1935)**
- Euphorbia subfalcata* Hiern, *Cat. Afr. Pl. (Hiern)* 1: 948 (1900); Type: Angola, Huilla, near Lopollo towards Nene, Oct.–Nov. 1859, Welwitsch 282 (BM, holo.; G, K, iso.) = ***Euphorbia trichadenia* Pax, Bot. Jahrb. Syst. 19(1): 125 (1894)**
- Euphorbia terracina* L., Sp. Pl. edn 2: 654 (1762)**
- Euphorbia tessellata* (Haw.) Sweet, *Hort. Suburb. Lond.*: 107 (1818) = ***Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)**
- Euphorbia tithymaloides* L. subsp. *smallii* (Millsp.) V.W.Steinm., Acta Bot. Mex. 65: 50 (2003)**
- Euphorbia tridentata* Lam. var. *ornithopus* (Jacq.) Van Veldh. & Lawant, *Euphorbia World* 10(1): 9 (2014)**
- Euphorbia tridentata* Lam. var. *tridentata***
- Euphorbia uncinata* DC., *Pl. Hist. Succ.*: t. 151 (1805); Type: Illustration in DC (1805) by Redouté opposite p. 151 (lecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 229 (2012). = ***Euphorbia stellata* Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 886 (1799)**
- Euphorbia virosa* Willd. var. *caerulescens* (Haw.) A.Berger, *Sukk. Euphorb.*: 81 (1907) = ***Euphorbia caerulescens* Haw., Phil. Mag.: 276 (1826)**

## **GALARHOEUS HAW.**

*Galarhoeus genistoides* (P.J.Bergius) Haw., Syn. Pl. Succ.: 144 (1812) = *Euphorbia genistoides* P.J.Bergius, Descr. Pl. Cap.: 146 (1767)

## **MEDUSEA HAW.**

*Medusea fructus-pini* (Mill.) Haw., Syn. Pl. Succ.: 134 (1812) = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)

*Medusea globosa* (Haw.) Klotzsch & Garcke, Monatsb. Akad. Berl.: 251 (1859) = *Euphorbia globosa* (Haw.) Sims, Bot. Mag. 53: t. 2624 (1826)

*Medusea hamata* (Haw.) Klotzsch & Garcke, Monatsb. Akad. Berl.: 251 (1859) = *Euphorbia hamata* (Haw.) Sweet, Hort. Suburb. Lond.: 107 (1818)

*Medusea major* Haw., Syn. Pl. Succ.: 134 (1812); Type: Illustration in Commelijn, Praeludia Bot.: t. 7 (1703) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 231 (2012). = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)

*Medusea patula* (Mill.) Klotzsch & Garcke, Monatsb. Akad. Berl.: 251 (1859) = *Euphorbia patula* Mill., Gard. Dict., ed. 8: n. 11 (1768)

*Medusea procumbens* (Mill.) Haw., Syn. Pl. Succ. 134 (1812) = *Euphorbia procumbens* Mill., Gard. Dict., ed. 8: n. 12 (1768)

*Medusea tessellata* Haw., Syn. Pl. Succ.: 135 (1812); Type: none cited = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)

*Medusea tridentata* (Lam.) Klotzsch & Garcke, Monatsb. Akad. Berl.: 251 (1859) = *Euphorbia tridentata* Lam., Encycl. [J. Lamarck & al.] 2(2): 416 (1788)

*Medusea tuberculata* (Jacq.) Klotzsch & Garcke, Monatsber. Königl. Preuss. Akad. Wiss. Berlin 1859: 251 (1859) = *Euphorbia caput-medusae* L., Sp. Pl. 1: 452 (1753)

## **PEDILANTHUS A.POIT.**

*Pedilanthus smallii* Millsp., Publ. Field Columb. Mus., Bot. Ser. 2: 358 (1913) = *Euphorbia tithymaloides* L. subsp. *smallii* (Millsp.) V.W.Steinm., Acta Bot. Mex. 65: 50 (2003)

## **TITHYMALUS GAERTN.**

*Tithymalus apiculatus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 94 (1860); Type: South Africa. Cape, Mund & Maire (K, lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 223 (2012). = *Euphorbia erythrina* Link, Enum. Hort. Berol. Alt. 2: 12 (1822)

*Tithymalus attenuatus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 69 (1860); Type: South Africa, Cape, Bergius (missing) = *Euphorbia silenifolia* (Haw.) Sweet, Hort. Brit. [Sweet], ed. 1, 2: 356 (1826)

*Tithymalus bergii* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 68 (1860); Type: South Africa, Cape, Bergius (missing) = *Euphorbia silenifolia* (Haw.) Sweet, Hort. Brit. [Sweet], ed. 1, 2: 356 (1826)

*Tithymalus brachypus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 74 (1860); Type: South Africa, Cape, Bergius (missing) = *Euphorbia mauritanica* L., Sp. Pl. 1: 452 (1753)

*Tithymalus capensis* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 98 (1860); Type: South Africa, Cape of Good Hope, Ecklon & Zeyher (missing), Drège (missing) = *Euphorbia natalensis* Bernh. ex Krauss, Flora 28: 86 (1845)

*Tithymalus confertus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 94 (1860); Type: South Africa. Cape, Mund & Maire (K, lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 223 (2012). = *Euphorbia erythrina* Link, Enum. Hort. Berol. Alt. 2: 12 (1822)

*Tithymalus crispus* Haw., Revis. Pl. Succ.: 61 (1821); Type: none located = *Euphorbia tuberosa* L., Sp. Pl. 1: 456 (1753)

*Tithymalus ecklonii* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 98 (1860) = *Euphorbia ecklonii* (Klotzsch & Garcke) Baill., Adansonia 3: 144 (1863)

- Tithymalus ellipticus* (Thunb.) Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 69 (1860) = ***Euphorbia silenifolia* (Haw.) Sweet, Hort. Brit. [Sweet], ed. 1, 2: 356 (1826)**
- Tithymalus epicyparissias* E.Mey. ex Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 88 (1860); Type: South Africa, Cape, Drège (HBG, holo.; MO, W-3 sheets, iso.) = ***Euphorbia epicyparissias* E.Mey. ex Boiss., Prodr. [A. P. de Candolle] 15(2.1): 168 (1862)**
- Tithymalus erythrinus* (Link) Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 91 (1860) = ***Euphorbia erythrina* Link, Enum. Hort. Berol. Alt. 2: 12 (1822)**
- Tithymalus foliosus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 67 (1860) = ***Euphorbia foliosa* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 262 (1915)**
- Tithymalus genistoides* (P.J.Bergius) Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 97 (1860) = ***Euphorbia genistoides* P.J.Bergius, Descr. Pl. Cap.: 146 (1767)**
- Tithymalus involucratu*s Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 91 (1860); Type: South Africa, Drège (HBG, lecto.; MO, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 223 (2012). = ***Euphorbia epicyparissias* E.Mey. ex Boiss., Prodr. [A. P. de Candolle] 15(2.1): 168 (1862)**
- Tithymalus longipetiolatus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 68 (1860); Type: South Africa, Cape, Bergius (missing) = ***Euphorbia silenifolia* (Haw.) Sweet, Hort. Brit. [Sweet], ed. 1, 2: 356 (1826)**
- Tithymalus mauritanicus* (L.) Haw., Syn. Pl. Succ.: 139 (1812) = ***Euphorbia mauritanica* L., Sp. Pl. 1: 452 (1753)**
- Tithymalus meyeri* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 75 (1860); Type: South Africa, Cape, Ecklon & Zeyher Euphorb. 13 (Z, lecto.; SAM, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 224 (2012). = ***Euphorbia kraussiana* Bernh. ex Krauss, Flora 28: 87 (1845)**
- Tithymalus multicaulis* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 98 (1860); Type: South Africa, Cape of Good Hope, Krebs (missing) = ***Euphorbia sclerophylla* Boiss., Cent. Euphorb.: 37 (1860)**
- Tithymalus ovatus* E.Mey. ex Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 97 (1860); Type: South Africa, Cape of Good Hope, Drège (LD, lecto.; MO, NY, isolecto.) = ***Euphorbia sclerophylla* Boiss., Cent. Euphorb.: 37 (1860)**
- Tithymalus revolutus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 99 (1860); Type: South Africa. Cape of Good Hope, Ecklon & Zeyher 2 (missing) = ***Euphorbia genistoides* P.J.Bergius, Descr. Pl. Cap.: 146 (1767)**
- Tithymalus straitus* (Thunb.) Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 98 (1860) = ***Euphorbia striata* Thunb., Prodr. Pl. Cap. 2: 86 (1800)**
- Tithymalus truncatus* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 75 (1860); Type: South Africa, Cape, Krebs (missing) = ***Euphorbia kraussiana* Bernh. ex Krauss, Flora 28: 87 (1845)**
- Tithymalus tuberosus* (L.) Hill, Hort. Kew.: 172/3 (1768) = ***Euphorbia tuberosa* L., Sp. Pl. 1: 456 (1753)**
- Tithymalus zeyheri* Klotzsch & Garcke, Abh. Königl. Akad. Wiss. Berlin 1859: 71 (1860); Type: South Africa, Cape, Ecklon & Zeyher, Euphorb. 26 (missing) = ***Euphorbia mauritanica* L., Sp. Pl. 1: 452 (1753)**

## **TRAGIA L.**

- Tragia capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)
- Tragia cordata* (Harv.) Burt Davy, Ann. Transvaal Mus. 3: 122 (1912), nom.illegit., non Michx. (1803) = ***Tragia capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)**

## **TREISIA HAW.**

- Treisia hystrix* (Jacq.) Haw., Syn. Pl. Succ.: 131 (1812) = ***Euphorbia loricata* Lam., Encycl. [J. Lamarck & al.] 2(2): 416 (1788)**



*Treisia tuberculata* Haw., Suppl. Pl. Succ.: 65 (1819); Type: Introduced by D. Young to Epsom, 1815, fl. Chelsea 1818 (missing) = *Euphorbia clava* Jacq., Icon. Pl. Rar. [Jacquin] 1: 9, t. 85 (1784)

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## FABACEAE

### ACACIA MILL.

*Acacia crassiuscula* H.L.Wendl., Comm. Acac. Aphyll. 5, 31, t.8 (1820)

### AMPHITHALEA ECKL. & ZEYH.

*Amphithalea ornata* Boatwr. & J.C.Manning, S. Afr. J. Bot. 102: 217 (2016); Type: South Africa. Western Cape, Worcester: Farm Keurfontein 143, south of Worcester, west of Robertson, Oct 2013, A. le Roux 1029a (NBG, holo.)

### ARGYROLOBIUM ECKL. & ZEYH.

*Argyrobium ascendens* (E.Mey.) Walp. ex Harms

### CHAMAECYTISUS LINK

*Chamaecytisus prolifer* (L.f.) Link subsp. *palmensis* (Christ) G.Kunkel, Vieraea 8: 354 (1980)

### COPISMA E.MEY.

*Copisma paniculatum* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 134 (1836); Type: South Africa, Eastern Cape, Fort Beaufort, 'Katriviervoorpoort', without date, Drège s.n. (S, lecto.; HAL, K, isolecto.). Types: South Africa, Eastern Cape, Somerset East, 'Klein Vischrivier', without date, Drège s.n. (not located, syn.) Lectotype designated by Moteetee & Le Roux, Botahlia-ABC 46(1), a2041: 4 (2016). = *Rhynchosia totta* (Thunb.) DC. var. *totta*

*Copisma pilosum* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 133 (1836); Type: South Africa, Eastern Cape, Port Elizabeth, 'Zuurebergen [Zuurberg]', without date, Drège s.n. (specimen not located) = *Rhynchosia totta* (Thunb.) DC. var. *totta*

*Copisma tottum* (Thunb.) E.Mey., Comm. Pl. Afr. Austr. (Meyer): 133 (1836) = *Rhynchosia totta* (Thunb.) DC. var. *totta*

### CROTALARIA L.

*Crotalaria eckloniana* C.Presl, Abh. Königl. Böhm. Ges. Wiss. ser. 5, 3: 476 (1845), nom.nud. = *Crotalaria excisa* (Thunb.) Baker f. subsp. *excisa*

*Crotalaria prolifera* E.Mey., Linnaea 7: 152 (1832) = *Leobordea prolifera* (E.Mey.) Eckl. & Zeyh., Enum. Pl. Afr. Austr.: 175 (1836)

*Crotalaria racemosa* Thunb., Prodr. Pl. Cap.: 129 (1800); Type: South Africa. Cape, Thunberg s.n. (UPS [sub UPS. no. 16637], holo.) = *Crotalaria excisa* (Thunb.) Baker f. subsp. *namaquensis* Polhill, *Crotalaria in Africa & Madagascar*: 264 (1982)

*Crotalaria thunbergiana* Vogel ex Walp., Linnaea 13: 475 (1840) = *Crotalaria excisa* (Thunb.) Baker f. subsp. *excisa*

### DOLICHOLUS MEDIK.

*Dolicholus totta* (Thunb.) Kunze, Revis. Gen. Pl. 3[3]: 62 (1898) = *Rhynchosia totta* (Thunb.) DC. var. *totta*

### GALACTIA P.BROWNE

*Galactia striata* (Jacq.) Urb., Symb. Antill. (Urban). 2(2): 320 (1900)

*Galactia striata* (Jacq.) Urb. var. *villosa* (Wight & Arn.) Verdc., Fl. Zambes. 3(5): 42 (2001); Type: from India

*Galactia villosa* Wight & Arn., Prodr. Fl. Ind. Orient. 1: 207 (1834) = *Galactia striata* (Jacq.)  
Urb. var. *villosa* (Wight & Arn.) Verdc., Fl. Zambes. 3(5): 42 (2001)

## **INDIGOFERA L.**

*Indigofera asantasanensis* Schrire & V.R.Clark, PhytoKeys 48: 34 (2015); Type: South Africa, Eastern Cape Province, Farm 360: mountain slopes above Suurkloof, behind the old town of Petersburg, east of the Nardousberg, now included in Asante Sana Private Game Reserve, Graaff-Reinet District, Sneeuwberg, 10 December 2011, Clark VR & Moholwa TT 211 (K, holo.; GRA, MO, NBG, NSW, PRE, S, iso.)

*Indigofera charlieriana* Schinz subsp. *sessilis* (Chiov.) Schrire var. *sessilis*

*Indigofera charlieriana* Schinz subsp. *sessilis* (Chiov.) Schrire var. *scaberrima* (Schinz)  
J.B.Gillett

*Indigofera hedyantha* Eckl. & Zeyh. subsp. *hedyantha*

*Indigofera hedyantha* Eckl. & Zeyh. subsp. *inyangana* (N.E.Br.) Schrire

*Indigofera hedyantha* Eckl. & Zeyh. subsp. *robusta* Schrire

*Indigofera heterotricha* DC. subsp. *heterotricha*

*Indigofera heterotricha* DC. subsp. *pechuelii* (Kuntze) Schrire

*Indigofera magnifica* Schrire & V.R.Clark, PhytoKeys 48: 30 (2015); Type: South Africa, Western Cape Province, Plaas 113: summit plateau of the Koudeveldberge, Murraysburg District, Sneeuwberg, 9 December 2011, Clark VR & Moholwa TT 206 (K, holo.; GRA, MO, NBG, NSW, PRE, S, iso.)

*Indigofera mauritanica* (L.) Thunb. var. *hirta* Harv. = *Indigofera candolleana* Meisn.

*Indigofera rostrata* Bolus subsp. *rostrata*

*Indigofera soutpansbergensis* Schrire

*Indigofera subulata* Vahl ex Poir. var. *subulata*

## **LESSERTIA DC.**

*Lessertia amajubica* T.Nkonki, Bothalia 43(2): 222 (2013); Type: South Africa, KwaZulu-Natal, Vryheid: Amajuba District Municipality Area, Dannhauser Municipality Area, 9 Oct. 2006, Ngwenya 2991 (NH, holo.; NBG, NH, PRE [2 sheets], iso.)

*Lessertia frutescens* (L.) Goldblatt & J.C.Manning, Strelitzia 9: 708 (2000); Type: South Africa, without precise locality or collector, Herb Linn. No. 14.4 (LINN, holo.)

*Lessertia subumbellata* Harv., Fl. Cap. (Harvey) 2: 217 (1862)

## **LIPOZYGIS E.MEY.**

*Lipozygis quinata* (Thunb.) E.Mey., Comm. Pl. Afr. Austr. (Meyer): 77 (1836) = *Leobordea quinata* (Thunb.) B.-E.van Wyk & Boatwr., Taxon 60(1): 173 (2011)

## **LONCHOCARPUS KUNTH**

*Lonchocarpus sutherlandii* (Harv.) Dunn, Kew. Bull. 25: 263 (1971) = *Philenoptera sutherlandii* (Harv.) Schrire, Kew Bull. 55(1): 92 (2000)

## **MEDICAGO L.**

*Medicago sativa* L. subsp. *sativa*

## **NESPHOSTYLIS VERDC.**

*Nesphostylis junodii* (Harms) Munyeny. & F.A.Bisby, Kew Bull. 52(3): 690 (1997)

## **ONONIS L.**

*Ononis quinata* Thunb., Prodr. Pl. Cap. 2: 130 (1800), nom.illegit., non Forssk. (1775) = *Leobordea quinata* (Thunb.) B.-E.van Wyk & Boatwr., Taxon 60(1): 173 (2011)

## **ORNITHOPUS L.**

*Ornithopus compressus* L., Sp. Pl. 2: 744. (1753)

## **POLHILLIA C.H.STIRT.**

*Polhillia ignota* Boatwr., S. African J. Bot. 76(1): 143 (2010)

## **POLYTROPIA C.PRESL**

*Polytropia ferulifolia* C.Presl, Symb. Bot. (Presl) 21: t. 22 (1830) = *Rhynchosia ferulifolia* (C.Presl) Benth. ex Harv., Fl. Cap. (Harvey) 2: 249 (1862), as 'ferulaefolia'

*Polytropia pinnata* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 2: 246 (1836) = *Rhynchosia pinnata* (Eckl. & Zeyh.) Harv., Thes. Cap. 1(2): 50 (1859)

*Polytropia umbellata* L., Sp. Pl.: 762 (1753); Type: South Africa, Western Cape Province, Caledon: "Klynrivier", Ecklon and Zeyher 1627 (S, lecto.; S, TCD, isolecto.) Lectotype designated by Moteetee et al., Systematic Botany 39(4): 1129 (2014). = *Rhynchosia ferulifolia* (C.Presl) Benth. ex Harv., Fl. Cap. (Harvey) 2: 249 (1862), as 'ferulaefolia'

## **PSORALEA L.**

*Psoralea diturnerae* A.Bello, C.H.Stirt. & Muasya, PhytoKeys 44: 99 (2015)

*Psoralea gigantea* Dlodlu, Muasya & C.H.Stirt., S. African J. Bot. 97: 83 (2015); Type: South Africa, Stellenbosch, Jonkershoek Nature Reserve, 29/10/2008, Dlodlu, Muasya & Stirton 57 (BOL, holo.; K, MO, NBG, PRE, iso.)

*Psoralea kougaensis* C.H.Stirt., Muasya & A.Bello, S. African J. Bot. 112: 142 (2017); Type: South Africa, Western Cape, Willowmore: Uniondale, ridge north side of Tsitsikamma mountains, near Joubertina, E. Esterhuysen 22,821 (K, holo.; BOL, WAG, iso.)

*Psoralea prostrata* L., Sp. Pl.: 762 (1753); Type: "Psoralea prostrata Lotus mauritanicus prostratus" Herb. Burman (G, lecto.) Lectotype designated by Stirton in Turland & Jarvis, Taxon 46: 480 (1997). = *Rhynchosia ferulifolia* (C.Presl) Benth. ex Harv., Fl. Cap. (Harvey) 2: 249 (1862), as 'ferulaefolia'

*Psoralea vanberkelae* C.H.Stirt., A.Bello & Muasya, PhytoKeys 44: 102 (2015)

## **PUERARIA DC.**

*Pueraria montana* (Lour.) Merr., Trans. Amer. Philos. Soc., n.s. 24(2): 210 (1935)

*Pueraria montana* (Lour.) Merr. var. *lobata* (Willd.) Maesen & S.M.Almeida ex Sanjappa & Predeep, Legumes of India: 288 (1992)

## **RHYNCHOSIA LOUR.**

*Rhynchosia adenodes* Eckl. & Zeyh. var. *cooperi* Harv. ex Baker f., Bothalia 1: 129 (1923) = *Rhynchosia cooperi* (Harv. ex Baker f.) Burt Davy, Man. Pl. Transvaal, 2: 409 (1932)

*Rhynchosia bolusii* Boatwr. & Moteetee, Phytotaxa 161(2): 169 (2014); Type: South Africa, Western Cape, Oudtshoorn, summit Zwartberg [Swartberg], district Prince Albert, 12/1905, Bolus 11841 (BOL, holo.)

*Rhynchosia cinnamomea* Schinz, Vierteljahrsschr. Naturf. Ges. Zürich 52: 429 (1907); Type: South Africa, Gauteng, Pretoria, 'im Gebüsch auf dem Magallisberg bei Aapiersrivieri [Magaliesberg, near Apies River]', 14 Jan 1894, Schlechter 4162 (Z, holo.; MPU, NSW, iso.) = *Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., Kew Bull. 25(1): 99 (1971)

*Rhynchosia humilis* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 2: 253 (1836); Type: South Africa, Eastern Cape, Grahamstown, 'inter frutices hiatus prope Grahamstown [near Grahamstown]', without date, Zeyher 1669 (S, holo.) = *Rhynchosia totta* (Thunb.) DC. var. *totta*

*Rhynchosia mollis* Burt Davy, Man. Pl. Transvaal [Burt Davy] 2: 411 (1932), nom. illegit., non (Willd.) DC. (1825); Type: South Africa, Limpopo, 'Waterpoort', Sep 1918, F.A. Rodgers

- 21543 (K, lecto.) Lectotype designated by Moteetee & Le Roux, *Bothalia-ABC* 46(1), a2041: 14 (2016). = ***Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., *Kew Bull.* 25(1): 99 (1971)**
- Rhynchosia paniculata* (E.Mey.) Steud., *Nomencl. Bot.* [Steudel], ed. 2. 2: 454 (1841) = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia parviflora* (E.Mey.) Druce, *Rep. Bot. Soc. Exch. Club Brit. Isles* 4(Suppl. 2): 643 (1917), non Steud. (1841) = ***Rhynchosia microscias* Benth. ex Harv.**
- Rhynchosia pedunculata* M.M.le Roux & Moteetee, *Bothalia-ABC* 46(1), a2041: 16 (2016);**  
Type: South Africa, Gauteng, Johannesburg, 'next to road S of Villiers, between Villiers and R54', 29 Oct 2014, M.M. Le Roux & S.P. Bester 155 (PRE, holo.; JRAU, iso.)
- Rhynchosia pilosa* (E.Mey.) Harv., *Fl. Cap.* 2 (Harvey): 256 (1862) = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia pilosa* (E.Mey.) Steud., *Nomencl. Bot.* [Steudel], ed. 2. 2: 454 (1841) = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia remota* Conrath, *Bull. Misc. Inform. Kew* 1908(5): 224 (1908); Type: South Africa, Gauteng, Johannesburg, 'Witpoortjie, near Johannesburg', 3 Apr 1981, Conrath 262 (GZU, holo.) = ***Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., *Kew Bull.* 25(1): 99 (1971)**
- Rhynchosia rigidula* DC., *Prodr.* [A. P. de Candolle] 2: 388 (1825) = ***Rhynchosia totta* (Thunb.) DC. var. *rigidula* (DC.) Moteetee & M.M.le Roux, *Bothalia-ABC* 46(1), a2041: 12 (2016)**
- Rhynchosia smithiana* Moteetee & Boatwr., *Syst. Bot.* 39(4): 1130 (2014);** Type: South Africa, Western Cape Province, Bredasdorp: Zeekoevlei, near bridge over Heuningnes River, Sept 1926, C.A. Smith 3092 (PRE, holo.)
- Rhynchosia totta* (Thunb.) DC. var. *fenchelii* Schinz, *Vierteljahrsschr. Naturf. Ges. Zürich* 52: 426 (1907); Type: Namibia, 'Keetmanshoop', 1890, Fenchel 195 (Z, holo.; K, iso.) = ***Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., *Kew Bull.* 25(1): 99 (1971)**
- Rhynchosia totta* (Thunb.) DC. var. *graciliflora* Harms ex Baker f., *Bothalia* 1: 131 (1923); Type: South Africa, Mpumalanga, 'Lydenburg', Nov 1895, Wilms 367 (Z, lecto.; K, isolecto.)  
Lectotype designated by Moteetee & Le Roux, *Bothalia-ABC* 46(1), a2041: 4 (2016). = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia totta* (Thunb.) DC. var. *longicalyx* Moteetee & M.M.le Roux, *Bothalia-ABC* 46(1), a2041: 10 (2016);** Type: South Africa, Limpopo, Baltimore, 'Morgenzon Farm 138 LR. Ga-Mathula Hill', 13 May 1986, S. Venter 11883 (PRE, holo.)
- Rhynchosia totta* (Thunb.) DC. var. *namaensis* (Schinz) Baker f., *Bothalia* 1: 130 (1923) = ***Rhynchosia totta* (Thunb.) DC. var. *rigidula* (DC.) Moteetee & M.M.le Roux, *Bothalia-ABC* 46(1), a2041: 12 (2016)**
- Rhynchosia totta* (Thunb.) DC. var. *pilosa* (E.Mey.) Baker f., *Bothalia* 1: 131 (1923) = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia totta* (Thunb.) DC. var. *rigidula* (DC.) Moteetee & M.M.le Roux, *Bothalia-ABC* 46(1), a2041: 12 (2016);** Type: South Africa, Western Cape, 'ad Cap. B.-Spei', without date, Burchell 2587 (G-DC, holo.)
- Rhynchosia totta* (Thunb.) DC. var. *unifoliolata* (Burt Davy) Baker f., *Bothalia* 1: 131 (1923) = ***Rhynchosia totta* (Thunb.) DC. var. *totta***
- Rhynchosia unifoliolata* Burt Davy, *Bull. Misc. Inform. Kew* 1921(2): 49 (1921); Type: South Africa, Mpumalanga, Bethal, 'Ermelo', without date, Burt Davy 17403 (K, lecto.). Type: South Africa, Mpumalanga, Volksrust, 'Hoogeveld near Paardekopberg', without date, Rehmann 6836 (specimen not located) Lectotype designated by Moteetee & Le Roux, *Bothalia-ABC* 46(1), a2041: 4 (2016). = ***Rhynchosia totta* (Thunb.) DC. var. *totta***

## **SENEGALIA RAF.**

*Senegalia ataxacantha* (DC.) Kyal. & Boatwr.

*Senegalia brevispica* (Harms) Seigler & Ebinger subsp. *dregeana* (Benth.) Kyal. & Boatwr.

- Senegalia burkei* (Benth.) Kyal. & Boatwr., Bot. J. Linn. Soc. 172(4): 507 (2013); Type: South Africa, Transvaal, Magaliesberg, Burk s.n. (K, holo.; BM, PRE, iso.)
- Senegalia caffra* (Thunb.) P.J.H.Hurter & Mabb.
- Senegalia cinerea* (Schinz) Kyal. & Boatwr.
- Senegalia circummarginata* (Chiov.) Kyal. & Boatwr.
- Senegalia erubescens* (Welw. ex Oliv.) Kyal. & Boatwr.
- Senegalia galpinii* (Burt Davy) Seigler & Ebinger
- Senegalia hereroensis* (Engl.) Kyal. & Boatwr.
- Senegalia kraussiana* (Meisn. ex Benth.) Kyal. & Boatwr.
- Senegalia mellifera* (Vahl) Seigler & Ebinger
- Senegalia mellifera* (Vahl) Seigler & Ebinger subsp. *detinens* (Burch.) Kyal. & Boatwr.
- Senegalia mellifera* (Vahl) Seigler & Ebinger subsp. *mellifera*
- Senegalia montis-salinarum* Hahn, N, Phytotaxa 244(2): 175 (2016); Type: South Africa. Limpopo Province: Soutpansberg, farm Tanga, 770 m, 27 March 1992, N. Hahn 351 (PRU, holo.; ZPB, iso.)
- Senegalia nigrescens* (Oliv.) P.J.H.Hurter
- Senegalia polyacantha* (Willd.) Seigler & Ebinger
- Senegalia polyacantha* (Willd.) Seigler & Ebinger subsp. *campylacantha* (Hochst. ex A.Rich.) Kyal. & Boatwr.
- Senegalia schweinfurthii* (Brenan & Exell) Seigler & Ebinger
- Senegalia schweinfurthii* (Brenan & Exell) Seigler & Ebinger var. *schweinfurthii*
- Senegalia senegal* (L.) Britton
- Senegalia senegal* (L.) Britton var. *leiorhachis* (Brenan) Kyal. & Boatwr., Original spelling of basionym = leiorhachis; wrongly given as leiorachis in Kyalangalilwa et al. (2013); orthographic error to be corrected
- Senegalia senegal* (L.) Britton var. *rostrata* (Brenan) Kyal. & Boatwr.
- Senegalia welwitschii* (Oliv.) Kyal. & Boatwr.
- Senegalia welwitschii* (Oliv.) Kyal. & Boatwr. subsp. *delagoensis* (Harms ex Burt Davy) Kyal. & Boatwr.

## **TRIFOLIUM L.**

- Trifolium diffusum* Thunb., Prodr. Pl. Cap. 2: 136 (1800), nom. illegit. = *Leobordea diffusa* (Thunb.) B.-E.van Wyk & Boatwr.
- Trifolium hirtum* All., Auct. Fl. Pedem. 20. (1789) [Jan-Mar 1789]
- Trifolium lanatum* Thunb., Prodr. Pl. Cap. 2: 136 (1800) = *Leobordea lanata* (Thunb.) B.-E.van Wyk & Boatwr.

## **VACHELLIA WIGHT & ARN.**

- Vachellia borleae* (Burt Davy) Kyal. & Boatwr.
- Vachellia davyi* (N.E.Br.) Kyal. & Boatwr.
- Vachellia dyeri* (P.P.Sw.) Kyal. & Boatwr.
- Vachellia ebutsiniorum* (P.J.H.Hurter) Kyal. & Boatwr.
- Vachellia erioloba* (E.Mey.) P.J.H.Hurter
- Vachellia exuvialis* (I.Verd.) Kyal. & Boatwr.
- Vachellia farnesiana* (L.) Wight & Arn.
- Vachellia gerrardii* (Benth.) P.J.H.Hurter
- Vachellia gerrardii* (Benth.) P.J.H.Hurter subsp. *gerrardii* var. *gerrardii*
- Vachellia grandicornuta* (Gerstner) Seigler & Ebinger
- Vachellia haematoxylon* (Willd.) Seigler & Ebinger
- Vachellia hebeclada* (DC.) Kyal. & Boatwr.
- Vachellia hebeclada* (DC.) Kyal. & Boatwr. subsp. *hebeclada*
- Vachellia karroo* (Hayne) Banfi & Gallaso

*Vachellia kosiensis* (P.P.Sw. & Coates Palgr.) Kyal. & Boatwr.  
*Vachellia luederitzii* (Engl.) Kyal. & Boatwr.  
*Vachellia luederitzii* (Engl.) Kyal. & Boatwr. var. *luederitzii*  
*Vachellia luederitzii* (Engl.) Kyal. & Boatwr. var. *retinens* (Sim)& Kyal. & Boatwr.  
*Vachellia montana* (P.P.Sw.) Kyal. & Boatwr.  
*Vachellia natalitia* (E.Mey.) Kyal. & Boatwr.  
*Vachellia nebrownii* (Burt Davy) Seigler & Ebinger  
*Vachellia nilotica* (L.) P.J.H.Hurter & Mabb.  
*Vachellia nilotica* (L.) P.J.H.Hurter & Mabb. subsp. *kraussiana* (Benth.) Kyal. & Boatwr.  
*Vachellia permixta* (Burt Davy) Kyal. & Boatwr.  
*Vachellia rehmanniana* (Schinz) Kyal. & Boatwr.  
*Vachellia robbertsei* (P.P.Sw.) Kyal. & Boatwr.  
*Vachellia robusta* (Burch.) Kyal. & Boatwr.  
*Vachellia robusta* (Burch.) Kyal. & Boatwr. subsp. *clavigera* (E.Mey.)& Kyal. & Boatwr.  
*Vachellia robusta* (Burch.) Kyal. & Boatwr. subsp. *robusta*  
*Vachellia sekhukhuniensis* (P.J.H.Hurter) Kyal. & Boatwr.  
*Vachellia sieberiana* (DC.) Kyal. & Boatwr.  
*Vachellia sieberiana* (DC.) Kyal. & Boatwr. var. *woodii* (Burt Davy) Kyal. & Boatwr.  
*Vachellia stuhlmannii* (Taub.) Kyal. & Boatwr.  
*Vachellia swazica* (Burt Davy) Kyal. & Boatwr.  
*Vachellia tenuispina* (I.Verd.) Kyal. & Boatwr.  
*Vachellia tortilis* (Forssk.) Gallaso & Banfi  
*Vachellia tortilis* (Forssk.) Gallaso & Banfi subsp. *heteracantha* (Burch.) Kyal. & Boatwr.  
*Vachellia xanthophloea* (Benth.) P.J.H.Hurter

## **VICIA L.**

*Vicia eriocarpa* (Hauskn.) Halacsy, Consp. Fl. Graec. 1: 489 (1900)

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## **FISSIDENTACEAE**

### **FISSIDENS HEDW.**

*Fissidens megalotis* Schimp. & Müll.Hal.

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## **FRANKENIACEAE**

### **FRANKENIA L.**

*Frankenia fruticosa* J.C.Manning & Helme, S. African J. Bot. 91: 85 (2014)

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## **FUMARIACEAE**

### **DISCOCAPNOS CHAM. & SCHLTDL.**

*Discocapnos mundii* Cham. & Schldl.

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## **GERANIACEAE**

### **GERANIOSPERMUM KUNTZE**

*Geraniospermum dipetalum* (L'Hér.) Kuntze, Revis. Gen. Pl. 1: 94 (1891); Type: Illustration in L'Héritier: t. 43 (1792) (icono.) = *Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, *Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792)*

*Geraniospermum nivenii* (Harv.) Kuntze, Revis. Gen. Pl. 1: 95 (1891); Type: South Africa, Western Cape, elevated places in Sweetmilk Valley [Soetmelksvallei], Niven s.n. (S, holo.) =

*Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792)

## GERANIUM L.

*Geranium dipetalum* (L'Hér.) Poir., Encycl. Suppl. 2. 744 (1812); Type: Illustration in L'Héritier: t. 43 (1792) (icono.) = *Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792)

## HOAREA SWEET

*Hoarea erythrophylla* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 60 (1835); Type: South Africa, Western Cape, Rivier Zonder Einde apud villam Knoblauch (Zwellendam), Ecklon & Zeyher 457 (S, lecto.). Designated by Marais: 245 (1994) = *Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792)

## PELARGONIUM L'HÉR. EX AITON

*Pelargonium alternans* J.C.Wendl. subsp. *alternans*, Hort. Herrenh.: 14 (1800)

*Pelargonium alternans* J.C.Wendl. subsp. *longicalcar* M.Becker & F.Albers, Schumannia 6: 213 (2010)

*Pelargonium alternans* J.C.Wendl. subsp. *parviflorescens* M.Becker & F.Albers, Schumannia 6: 213 (2010)

*Pelargonium conradiae* J.C.Manning & A.Le Roux, S. African J. Bot. 105: 314 (2016), as 'conradiae'; Type: South Africa. Western Cape Province, Worcester: Farm Drooge Riviersberg, SE of Brandvlei Cellars, Sept. 2014, A. le Roux 1150 (NBG, holo.; K, iso.)

*Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792); Type: Illustration in L'Héritier: t. 43 (1792) (icono.)

*Pelargonium dipetalum* L'Hér. subsp. *stenosiphon* J.C.Manning & M.M.le Roux, Bothalia - ABC 44(1): 5 (2014); Type: South Africa. Western Cape: Riversdale: 2 km west of Dekriet siding on main road, 10 Apr. 1979, Bohnen 5551 (NBG, holo.)

*Pelargonium flavidum* E.M.Marais, S. African J. Bot. 90: 119 (2013)

*Pelargonium pachypodium* J.P.Roux, Bothalia 43(2): 230 (2013)

*Pelargonium pallidoflavum* E.M.Marais, S. African J. Bot. 90: 120 (2013)

*Pelargonium sabulosum* E.M.Marais, S. African J. Bot. 90: 123 (2013)

*Pelargonium uliginosum* J.C.Manning & Euston-Brown, S. Afr. J. Bot. 97: 205 (2015); South Africa, Western Cape, Worcester (3319): upper Breede River Valley, Farm Driefontein, near SW boundary on S side of Breede River in alluvial fynbos, (-CA), 24Oct. 2013, D. Euston-Brown 3253 (NBG, holo.; K,MO, iso.)

*Pelargonium weberi* E.M.Marais, S. African J. Bot. 90: 121 (2013)

## SEYMOURIA SWEET

*Seymouria l'heritieri* Sweet, Geraniaceae Vol 3: 77, sub t. 206 (1830), 'heritieri', nom.superfl.; Type: Illustration in L'Héritier: t. 43 (1792) (icono.) = *Pelargonium dipetalum* L'Hér. subsp. *dipetalum*, Geranologia, seu Erodii, Pelargonii, Monsoniae et Grieli historia iconibes illustrata: t. 43 (1792)

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## HEMEROCALLIDACEAE

### PHORMIUM J.R.FORST. & G.FORST.

*Phormium aloides* L.f., Suppl. Pl.: 205 (1782) = *Lachenalia aloides* (L.f.) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)

*Phormium bulbiferum* Cirillo, Pl. Rar. Neapol. Fasc. 1: 35 (1788); Type: South Africa, Cape, precise locality and collector unknown, figure in Plantarum Rariorum Regni Neapolitani Fasc. 1: 35, t. 12 (1788) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 156 (2012). = *Lachenalia bulbifera* (Cirillo) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)

*Phormium hirtum* Thunb., Nov. Gen. Pl. [Thunberg] 5: 96 (1784) = *Lachenalia hirta* (Thunb.) Thunb., Prodr. Pl. Cap. 1: 64 (1794)

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## HYACINTHACEAE

### ALBUCA L.

*Albuca anisocrispa* Mart.-Azorin & M.B.Crespo, Syst. Bot. 37(3): 603 (2012)

*Albuca annulata* Mart.-Azorin & M.B.Crespo, Nordic J. Bot. 29(6): 696 (2012)

*Albuca bakeri* Mart.-Azorin & M.B.Crespo, PhytoKeys 5: 12 (2011)

*Albuca buffelspoortensis* Van Jaarsv., Aloe 52(1): 17 (2016); Type: South Africa, Western Cape, Montagu: sheer eastern cliff face of Buffelspoort on the farm Driefontein, 11/11/2011, Van Jaarsveld 17667 (PRE, holo.)

*Albuca chartacea* (Mart.-Azorin, M.B.Crespo & A.P.Dold) J.C.Manning & Goldblatt, Bothalia 43(2): 229 (2013)

*Albuca craibii* (Mart.-Azorin, M.B.Crespo & A.P.Dold) J.C.Manning & Goldblatt, Bothalia 43(2): 229 (2013)

*Albuca deaconii* Van Jaarsv., Herbertia 66: 147 (2013)

*Albuca deserticola* J.C.Manning & Goldblatt, Bothalia 39(2): 221 (2009)

*Albuca gildenhuisii* (Van Jaarsv.) Van Jaarsv., Bradleya 34: 142 (2016)

*Albuca paucifolia* (U.Müll.-Doblies & D.Müll.-Doblies) J.C.Manning & Goldblatt

*Albuca pseudobifolia* Mart.-Azorin & M.B.Crespo, Syst. Bot. 37(3): 604 (2012)

*Albuca virens* (Ker Gawl.) J.C.Manning & Goldblatt, Taxon 58(1): 93 (2009)

### BAEOTERPE SALISB.

*Baeoterpe corymbosa* (L.) Salisb., Gen. Pl. [Salisbury]: 18 (1866), nom.inval. = *Lachenalia corymbosa* (L.) J.C.Manning & Goldblatt, Edinburgh J. Bot. 60(3): 565 (2004)

### BRACHYSCYPHA BAKER

*Brachyscyptha undulata* (Thunb.) Baker, J. Linn. Soc., Bot. 11: 394 (1870) = *Lachenalia pusilla* Jacq., Coll. Suppl. 5: 71 (1797)

### COELANTHUS WILLD. EX SCHULT. & SCHULT.F.

*Coelanthus complicatus* Willd. ex Roem. & Schult., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(2): xlvi (1830); Type: South Africa, Cape, precise locality unknown, C.L. Willdenow 6565 (B, holo.) = *Lachenalia reflexa* Thunb., Prodr. Pl. Cap. 1: 64 (1794)

### DRIMIA JACQ. EX WILLD.

*Drimia cochlearis* Mart.-Azorin, M.B.Crespo & A.P.Dold, Taxon 63(6): 1329 (2014)

*Drimia echinostachya* (Baker) Eggl & N.R.Crouch, Bothalia 42(1): 43 (2012)

*Drimia sigmoidea* J.C.Manning & Deacon; Type: South Africa, Western Cape, Ashton, Wolwendrift, cliff face in large kloof, 23 Sept. 2013, J. Deacon, D. Gwynne-Evans, R. McKenzie 2820 (NBG, holo.; MO, iso.)

*Drimia stenocarpa* J.C.Manning & Deacon, S. African J. Bot. 90: 99 (2013)

### DRIMIOPSIS LINDL. & PAXTON

*Drimiopsis linioseta* Hankey & Lebatha, Bothalia 38(10): 72 (2008) = *Ledebouria linioseta* (Hankey & Lebatha) J.C.Manning & Goldblatt, Bothalia 42(1): 48 (2012)



## **ETHESIA RAF.**

*Ethesia tanquana* Mart.-Azorin & M.B.Crespo; Type: South Africa, Western Cape, Tanqua Karoo, 6.1 km from main road on turn off to Middelpoos, 3-IX-2011, M. Martínez-Azorín, A. Martínez-Soler & R. McKenzie MMA815 (GRA, holo.) = *Ornithogalum tanquanum* (Mart.-Azorin & M.B.Crespo) J.C.Manning & Goldblatt, *Bothalia* 43(2): 230 (2013)

## **EUCOMIS L'HÉR.**

*Eucomis amaryllidifolia* Baker, *Gard. Chron.* 2: 492 (1878)

## **HYACINTHUS L.**

*Hyacinthus bifolius* Boiteau ex Cav., *Anal. Cienc.* 5(14): t.41, fig.1 (1802) = *Lachenalia pygmaea* (Jacq.) G.D.Duncan, *Genus Lachenalia*: 426 (2012)

*Hyacinthus gawleri* (Kunth) Baker, *Fl. Cap. (Harvey)* 6(3): 472 (1897) = *Lachenalia corymbosa* (L.) J.C.Manning & Goldblatt, *Edinburgh J. Bot.* 60(3): 565 (2004)

*Hyacinthus orchioides* L., *Sp. Pl.* 1: 318 (1753) = *Lachenalia orchioides* (L.) Aiton, *Hort. Kew. [W. Aiton]* 1: 460 (1789)

## **LACHENALIA J.JACQ. EX MURRAY**

*Lachenalia adamii* G.D.Duncan, *Phytotaxa* 316(3): 266 (2017); Type: South Africa, Northern Cape: Oorlogskloof Nature Reserve south of Nieuwoudtville, 11 Sept. 2011, Harrower 4977 (NBG, holo.; NBG, PRE, iso.)

*Lachenalia albida* Tratt., *Arch. Gewächsk.* 2: t.162 (1814); Type: South Africa, Cape, precise locality and collector unknown, figure in *Archiv der Gewachskunde* 2: t.162 (1814) (lecto.) Lectotype designated by Duncan, *The Genus Lachenalia*: 338 (2012). = *Lachenalia contaminata* Aiton, *Hort. Kew. [W. Aiton]* 1: 461 (1789)

*Lachenalia aloides* (L.f.) Hort. ex Asch. & Graebn., *Syn. Mitt. Flora* 3: 279 (1905) = *Lachenalia aloides* (L.f.) Engl., *Notizbl. Königl. Bot. Gart. Berlin* 2(18): 321 (1899)

*Lachenalia aloides* (L.f.) Pers., *Syn. Pl. [Persoon]* 1: 377 (1805), nom.inval. = *Lachenalia aloides* (L.f.) Engl., *Notizbl. Königl. Bot. Gart. Berlin* 2(18): 321 (1899)

*Lachenalia angustifolia* Jacq., *Coll. Suppl.* 5: 47 (1797); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 16, t.381 (1795) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 338 (2012). = *Lachenalia contaminata* Aiton, *Hort. Kew. [W. Aiton]* 1: 461 (1789)

*Lachenalia arenicola* G.D.Duncan & Helme, *Phytotaxa* 186(5): 297 (2014); Type: South Africa, Northern Cape, Farm Roode Heuvel 502, 15 km northeast of Groen River mouth, 20 August 2013, Helme 7793 (NBG, holo.; BOL, iso.)

*Lachenalia aurea* Lindl., *Gard. Chron.* ser.1: 404 (1856); Type: South Africa, Cape, precise locality and collector unknown, figure in *The Gardiner's Chronicle*, ser.1: 404 (1856) (lecto.) Lectotype designated by Duncan, *The Genus Lachenalia*: 146 (2012). = *Lachenalia flava* Andrews, *Bot. Repos.:* t. 456 (1807)

*Lachenalia barbarae* G.D.Duncan, *Phytotaxa* 316(3): 262 (2017); Type: South Africa, Western Cape: Haarwegskloof Renosterveld Reserve between Bredasdorp and Swellendam, 14 Dec. 2015, Duncan 669 (NBG, holo.)

*Lachenalia bicolor* Lodd., *Bot. Cab.* 12(3): t. 1129 (1826); Type: South Africa, Cape, precise locality and collector unknown, figure in *Loddiges Botanical Cabinet*: t.1129 (1826) (lecto.) Lectotype designated by Duncan, *The Genus Lachenalia*: 196 (2012). = *Lachenalia pallida* Aiton, *Hort. Kew. [W. Aiton]* 1: 460 (1789)

*Lachenalia bifolia* (Burm.f.) W.F.Barker ex G.D.Duncan, *Genus Lachenalia*: 155 (2012), nom.illegit., non Ker Gawl. (1814); Type: South Africa, Cape, precise locality and collector unknown, figure in J.C. Buxbaum, *Plantarum minus cognitarum, Centauria* 3: t.19 (1729)

- (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 155 (2012). = ***Lachenalia bulbifera* (Cirillo) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)**
- Lachenalia bifolia* Ker Gawl., Bot. Mag. 39: t. 1611 (1814); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis's Botanical Magazine 40: t.1611 (1814) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 164 (2012). = ***Lachenalia rosea* Andrews, Bot. Repos.: t. 296 (1803)**
- Lachenalia botryoides* Tratt., Arch. Gewächsk. 2: t.140 (1814), nom.superfl.; Type: South Africa, Cape, precise locality and collector unknown, figure in Archiv der Gewachskunde 2: t.140 (1814) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 201 (2012). = ***Lachenalia purpureo-caerulea* Jacq., Coll. Suppl. 5: 63 (1797), sphalm 'purpurocaerulea'**
- Lachenalia brevipes* Baker, Bull. Herb. Boissier Ser. 2, 1: 856 (1901); Type: South Africa, Western Cape, Hopefield district, F.E. Bachmann 1235 (Z, holo.) = ***Lachenalia bachmannii* Baker, Bot. Jahrb. Syst. 15(3, Beibl. 35): 8 (1892), sphalm 'bachmanni'**
- Lachenalia convallarioides* Baker var. *robusta* Baker, J. Linn. Soc., Bot. 11: 407 (1870); Type: South Africa, Eastern Cape, Albany, Williamson s.n. (TCD, holo.) = ***Lachenalia convallarioides* Baker, J. Linn. Soc., Bot. 11: 407 (1870)**
- Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt subsp. *ensifolia***
- Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt subsp. *maughanii* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 434 (2012); Type: South Africa, Northern Cape, Nieuwoudtville, L. Bolus s.n. sub BOL 19613 (BOL, holo.; K, iso.)**
- Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807); Type: South Africa, Cape, precise locality and collector unknown, figure in Andrews, The Botanist's Repository 7: t.456 (1807) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 146 (2012).**
- Lachenalia fragrans* Andrews, Bot. Repos.: t. 302 (1803), nom. illegit., non Jacq. (1797), nec Lodd. (1826); Type: South Africa, precise locality and collector unknown, figure in The Botanist's Repository 5: t.302 (1803) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 346 (2012). = ***Lachenalia nervosa* Ker Gawl., Bot. Mag. 36: t. 1497 (1812)**
- Lachenalia fragrans* Jacq., Pl. Rar. Hort. Schoenbr. 1: 43, t. 82 (1797); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Plantae rariorum horti caesarei Schoenbrunnensis 1: 43, t.82 (1797) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 195 (2012). = ***Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)**
- Lachenalia fragrans* Lodd., Bot. Cab.: t.1140 (1826), nom.illegit., non Jacq. (1797), non Andrews (1803); Type: South Africa, Cape, precise locality and collector unknown, figure in Loddiges Botanical Cabinet: t.1140 (1826) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 338 (2012). = ***Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)**
- Lachenalia glauca* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 299 (2012); Type: South Africa, Northern Cape, Grootvlei, west of Kamieskroon, J.P. Rourke 812 (NBG, holo.)**
- Lachenalia glaucina* Jacq. var. *parviflora* W.F.Barker, J. S. African Bot. 15(2): 39 (1949) = ***Lachenalia orchioides* (L.) Aiton subsp. *parviflora* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 121 (2012)**
- Lachenalia graminifolia* Sol. ex Baker, J. Linn. Soc., Bot. 11: 398 (1870) = ***Dipcadi hyacinthoides* Baker**
- Lachenalia hyacinthina* Hort., Möller's Deutsche Gaertn.-Zeitung 21: 443 (1906); Type: South Africa, Cape, precise locality and collector unknown, figure in Möllers Deutsche Gartner-Zeitung 21: 445 (1906) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 338 (2012). = ***Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)**
- Lachenalia hyacinthoides* Jacq., Coll. Suppl. 5: 58 (1797); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 16, t.382 (1795) (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 338 (2012). = ***Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)**

- Lachenalia karoopoortensis* G.D.Duncan, Genus Lachenalia: 394 (2012), nom. nov. pro Lachenalia elegans var. flava W.F.Barker (1989); Type: South Africa, Western Cape, Karoo Poort, north of Ceres, R.H. Compton s.n. Hort NBG 333/41 (NBG, holo.)
- Lachenalia lilacina* Baker, Gard. Chron. ser. 2, 21: 668 (1884); Type: South Africa, Cape, precise locality and collector unknown, ex hort T.S. Ware s.n., Tottenham (K, holo.) = *Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, Genus Lachenalia: 118 (2012)
- Lachenalia linguiformis* Lam., Encycl. [J. Lamarek & al.] 3(2): 372 (1792); Type: South Africa, Cape, precise locality and collector unknown, figure in J-B. Buc'hoz, Histoire Universelle Regne Vegetal 2: t.1 (1773-1778) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 156 (2012). = *Lachenalia bulbifera* (Cirillo) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)
- Lachenalia lucida* Ker Gawl., Bot. Mag. 33: t. 1372 (1811); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis's Botanical Magazine 33: t.1372 (1811) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 196 (2012). = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia luteola* Jacq. var. *pallida* Tratt., Archiv. der Gewachskunde 2: t.150 (1814); Type: South Africa, Cape, precise locality and collector unknown, figure in Archiv. der Gewachskunde 2: t.150 (1814) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 136 (2012). = *Lachenalia luteola* Jacq., Coll. 4: 148 (1791)
- Lachenalia luteola* Jacq., Coll. 4: 148 (1791); Type: South Africa, Western Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 12, t.395 (1792/1793) (neo.) Neotype designated by Duncan, The Genus Lachenalia: 136 (2012).
- Lachenalia macrophylla* Lem., Ill. Hort. 2: 99 (1855); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis Botanical Magazine 61: t.1704 (1815) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 146 (2012). = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807)
- Lachenalia maculata* Tratt., Arch. Gewächsk. 4: t. 168 (1814) = *Ledebouria revoluta* (L.f.) Jessop, J. S. Afr. Bot. 36: 255 (1970)
- Lachenalia magentea* G.D.Duncan, Genus Lachenalia: 343 (2012), nom. nov. pro Lachenalia juncifolia Baker var. campanulata W.F.Barker (1989); Type: South Africa, Western Cape, south of Riversdale on Blombos Road, G.J. Lewis 5628 (NBG, holo.)
- Lachenalia mediana* Jacq. subsp. *mediana*
- Lachenalia mediana* Jacq. subsp. *rogersii* (Baker) G.D.Duncan, Genus Lachenalia: 195 (2012); Type: South Africa, Cape, precise locality unknown, W.M. Rogers s.n. (K) Type: South Africa, Western Cape, Tulbagh, C.W. L. Pappé s.n. (K, lecto.; sub SAM 23131, isolecto.) Lectotype designated by Barker, South African Journal of Botany 55(6): 642 (1989).
- Lachenalia membranacea* (W.F.Barker) G.D.Duncan, Genus Lachenalia: 397 (2012); Type: South Africa, Northern Cape, Nieuwoudtville, H. Buhr s.n. sub hort NBG 646/29 (NBG, holo.)
- Lachenalia odoratissima* Baker, Gard. Chron. ser. 2, 21: 688 (1884); Type: South Africa, Cape, precise locality and collector unknown, cultivated specimen, April 1884, ex hort T.S. Ware (K, holo.) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, Genus Lachenalia: 118 (2012); Type: South Africa, precise locality and collector unknown. Jacquin, Icones Plantarum Rariorum 2(15): t.391 (1793 or 1794) (neo.) Neotype designated by Duncan, The Genus Lachenalia: 118 (2012).
- Lachenalia orchioides* (L.) Aiton subsp. *orchioides*
- Lachenalia orchioides* (L.) Aiton subsp. *parviflora* (W.F.Barker) G.D.Duncan, Genus Lachenalia: 121 (2012); Type: South Africa, Western Cape, fire guard near Mostert's Ravine, A.H. Wolley Dod 380 (BOL, holo.; K, iso.)
- Lachenalia pallida* Lindl. var. *coerulescens* Lindl., Edward's Bot. Reg. 23: t.1945 (1837), nom.illegit., non Aiton (1789); Type: South Africa, Cape, Precise locality and collector unknown, figure in Edward's Botanical Register 23: t.1945 (1837) (lecto.) Lectotype designated

- by Duncan, The Genus *Lachenalia*: 118 (2012). = *Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, Genus *Lachenalia*: 118 (2012)
- Lachenalia pallida* Lindl., Edward's Bot. Reg. 16: t.1350 (1830), nom.illegit., non Aiton (1789); Type: South Africa, Cape, precise locality and collector unknown, figure in Edward's Botanical Register 16: t.1350 (1830) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 118 (2012). = *Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, Genus *Lachenalia*: 118 (2012)
- Lachenalia petiolata* Baker, Bull. Herb. Boissier Ser. 2, 1: 186 (1901); Type: South Africa, Western Cape, Hopefield, F.E. Bachman 1791 (Z, holo.) = *Lachenalia pusilla* Jacq., Coll. Suppl. 5: 71 (1797)
- Lachenalia polypodantha* Schltr. ex W.F.Barker subsp. *polypodantha*
- Lachenalia purpurea* Jacq., Coll. Suppl. 5: 65 (1799); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 12, t.393 (1792 or 1793) (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 196 (2012). = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia pustulata* F.Dietr., Nachtr. Vollst. Lex. Gärtn. 4: 291 (1818), nom.illegit., non Jacq. (1790); Type: South Africa, Cape, precise locality and collector unknown, figure in Archiv der Gewachskunde 1: t.94 (1813) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia pustulata* Jacq. var. *densiflora* Tratt., Arch. Gewächsk. 1: t.94 (1813); Type: South Africa, Cape, precise locality and collector unknown, figure in Archiv der Gewachskunde 1: t.94 (1813) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 196 (2012). = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia pygmaea* (Jacq.) G.D.Duncan, Genus *Lachenalia*: 426 (2012); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 16, t.380 (1795) (neo.) Type: South Africa, Western Cape, Melkkamer near De Hoop, Mueller-Doblies 84021r (PRE, epi.; B, BOL, BR, BTU, G, GRA, K, M, MO, NBG, S, Z, iso-epi.) Neotype designated by Duncan, The Genus *Lachenalia*: 426 (2012). Epitype designated by Mueller-Doblies & Mueller-Doblies, Feddes Repertorium 108: (1997).
- Lachenalia pyramidalis* Dehnh., Revist. Napol. 1: 162 (1839); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Plantae rariorum horti caesarei Schoenbrunnensis 1: t.82 (1797) (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 196 (2012). = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia quadricolor* Jacq. var. *lutea* Sims, Curtis Bot. Mag. 61: t.1704 (1815); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis Botanical Magazine 61: t.1704 (1815) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 146 (2012). = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807)
- Lachenalia quadricolor* Jacq., Coll. Suppl.: 62 (1797); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 16, t.396 (1795) (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 143 (2012).
- Lachenalia racemosa* Ker Gawl., Bot. Mag. 37: t. 1517 (1812); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis's Botanical Magazine 37: t.1517 (1812) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 196 (2012). = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia reclinata* F.Dietr., Nachtr. Vollst. Lex. Gärtn. 4: 292 (1818), nom.illegit.superfl.; Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 6, t.386 (1790) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia sanguinolenta* Willd. ex Kunth, Enum. Pl. [Kunth] 4: 286 (1843); Type: South Africa, Cape, precise locality unknown, C.L. Willdenow 6745 (B, holo.) = *Lachenalia rosea* Andrews, Bot. Repos.: t. 296 (1803)

- Lachenalia speciosa* F.Dietr., Vollst. Lexic. Gaertn. 9: 358 (1809) = *Dipcadi glaucum* (Burch. ex Ker Gawl.) Baker
- Lachenalia suaveolens* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 399 (2012); Type: South Africa, Northern Cape, Nieuwoudtville, H. Buhr s.n. sub NBG 1584/30 (BOL, holo.)
- Lachenalia tricolor* Jacq., Nov. Act. Helv. 1: 39 (1787) = *Lachenalia aloides* (L.f.) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)
- Lachenalia tricolor* Thunb. var. *aurea* (Lindl.) Baker, Fl. Cap. (Thiselton-Dyer) 6: 424 (1897) = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807)
- Lachenalia tricolor* Thunb. var. *aurea* (Lindl.) Hook.f., Curtis Bot. Mag. 118: t.5992 (1872), p.p. = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807)
- Lachenalia tricolor* Thunb. var. *luteola* (Jacq.) Baker, Fl. Cap. (Harvey) 6(3): 424 (1897), nom. illegit, non Ker Gawl. (1807) = *Lachenalia luteola* Jacq., Coll. 4: 148 (1791)
- Lachenalia tricolor* Thunb. var. *luteola* Ker Gawl., Curtis Bot. Mag. 26: t.1020 (1807); Type: South Africa, Cape, precise locality and collector unknown, figure in Curtis Botanical Magazine 26: t.1020 (1807) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 146 (2012). = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807)
- Lachenalia tricolor* Thunb. var. *quadricolor* (Jacq.) Baker, Fl. Cap. (Thiselton-Dyer) 6: 424 (1897) = *Lachenalia quadricolor* Jacq., Coll. Suppl.: 62 (1797)
- Lachenalia unicolor* Jacq. var. *fragrans* (Jacq.) Baker, Fl. Cap. (Thiselton-Dyer) 6: 435 (1897) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia unicolor* Jacq. var. *purpurea* (Jacq.) Baker, Fl. Cap. (Thiselton-Dyer) 6: 435 (1897) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia unifolia* Jacq. var. *pappei* Baker, Fl. Cap. (Thiselton-Dyer) 6: 431 (1897); Type: South Africa, Western Cape, Cape Flats, C.W. Pappé s.n. (K, holo.) = *Lachenalia rosea* Andrews, Bot. Repos.: t. 296 (1803)
- Lachenalia unifolia* Jacq. var. *rogersii* Baker, Fl. Cap. (Harvey) 6: 431 (1897) = *Lachenalia mediana* Jacq. subsp. *rogersii* (Baker) G.D.Duncan, Genus *Lachenalia*: 195 (2012)
- Lachenalia ustulata* Banks ex Schult. & Schult.f., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(1): 601 (1829); Type: South Africa, Cape, precise locality unknown, F. Masson s.n. (BM, holo.) = *Lachenalia orthopetala* Jacq., Coll. 3: 240 (1790)
- Lachenalia vanzyliae* (W.F.Barker) G.D.Duncan & T.J.Edwards, Genus *Lachenalia*: 131 (2012); Type: South Africa, Western Cape, Piketberg Mountain above town, W.F. Barker 10349 (NBG, holo.)
- Lachenalia versicolor* Baker var. *fragrans* (Jacq.) Baker, J. Linn. Soc., Bot. 11: 409 (1870), nom.inval. = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia versicolor* Baker var. *purpurea* (Jacq.) Baker, J. Linn. Soc., Bot. 11: 409 (1870), nom.inval. = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia versicolor* Baker var. *unicolor* (Jacq.) Baker, J. Linn. Soc., Bot. 11: 409 (1870), nom.inval. = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Lachenalia viridis* (L.) Aiton = *Dipcadi viride* (L.) Moench
- Lachenalia wrightii* Baker, J. Bot. 16: 322 (1878); Type: South Africa, Western Cape, Simons Bay, C. Wright 219 (K, holo.)

## LEDEBOURIA ROTH

- Ledebouria megaphylla* (Hankey ex J.M.H.Shaw) Van Jaarsv. & Eggli, Bradleya 34: 143 (2016); Type: Cultivated flowering plant of South African origin, 8-2012, J.M.H. Shaw s.n. (WSY, holo.)
- Ledebouria ovatifolia* (Baker) Jessop subsp. *ovatifolia*
- Ledebouria ovatifolia* (Baker) Jessop subsp. *scabrida* N.R.Crouch & T.J.Edwards, Fl. Pl. Africa 60: 14 (2007); Type: South Africa, KwaZulu-Natal, alongside road in hilly country 25 km from Muden towards Weenen, September 2005, Edwards & Crouch 3260 (NU, holo.)

## **MASSONIA THUNB. EX HOUTT.**

*Massonia amoena* Mart.-Azorin, M.Pinter & Wetschnig; Type: South Africa. Eastern Cape: Northern slopes Andriesberg, May 1899, Fl. White, E.E. Galpin 2612 (GRA, holo.)

*Massonia calvata* Baker; Lectotype: South Africa. Eastern Cape: In montibus prope Graaff Reinet, June, Bolus 749 (lectotype, K 000257142, only the small specimens placed in the lower portion of the sheet separated by a solid pencil line and corresponding to “alt. 4400 ped”). (Designated by Martinez-Azorin et al., *Phytotaxa* 175: 212. 2014)

*Massonia citrina* M.Pinter, Deutsch, U.Müll.-Doblies & D.Müll.-Doblies, *Phytotaxa* 112(2): 52 (2013)

*Massonia dentata* Mart.-Azorin, V.R.Clark, M.Pinter, M.B.Crespo & Wetschnig; Type: South Africa Western Cape, Beaufort West: Nuweveldberge, ca. 20 km NW Beaufort West, Farm Grootvlei 193, ex hort. in Grahamstown on 15 May 2010, V.R. Clark & R. Cerros 471b (GRA, holo.; ABH, GZU, iso.)

*Massonia odorata* Hook.f., *Bot. Mag.* 97: t. 5891 (1871); Type: South Africa, Northern Cape, Colesberg, D. Arnot s.n. (K, holo.) = *Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt, *Edinburgh J. Bot.* 60(3): 565 (2004)

*Massonia sempervirens* U.Müll.-Doblies, G.Milkuhn & D.Müll.-Doblies, *Feddes Repert.* 121(3-4): 130 (2010)

*Massonia setulosa* Baker, *J. Linn. Soc., Bot.* 11: 389 (1870)

*Massonia undulata* Thunb., *Nov. Gen. Pl.* [Thunberg] 2: 41 (1782), non Masson ex Baker (1886); Type: South Africa, Cape, precise locality unknown, C.P. Thunberg 7993 (UPS, holo.) = *Lachenalia pusilla* Jacq., *Coll. Suppl.* 5: 71 (1797)

*Massonia uniflora* Sol. ex Baker, *Journ. Linn. Soc.* 11: 393 (1870); Type: South Africa, Cape, precise locality unknown, F. Masson s.n. (BM, holo.) = *Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt, *Edinburgh J. Bot.* 60(3): 565 (2004)

*Massonia violacea* Andrews, *Bot. Repos.* 1: t. 46 (1797); Type: South Africa, Cape, precise locality and collector unknown, cultivated by G. Hibbert, figure in *The Botanist's Repository* 1: t.46 (1797) (lecto.) Lectotype designated by Duncan, *The Genus Lachenalia*: 426 (2012). = *Lachenalia pygmaea* (Jacq.) G.D.Duncan, *Genus Lachenalia*: 426 (2012)

## **MUSCARI MILL.**

*Muscari orchioides* (L.) Mill., *Gard. Dict.*, ed. 8: n. 5 (1768) = *Lachenalia orchioides* (L.) Aiton, *Hort. Kew.* [W. Aiton] 1: 460 (1789)

## **ORNITHOGALUM L.**

*Ornithogalum richtersveldensis* Van Jaarsv., *Aloe* 52(1): 25 (2016); Type: South Africa, Northern Cape, Steinkopf: Gemsbokvlei, east-facing cliffs of the Vyftienmyl-se-berg, southwestern Richtersveld near Port Nolloth, 14/5/2010, Van Jaarsveld & Deacon 24600 (NBG, holo.)

*Ornithogalum tanquamum* (Mart.-Azorin & M.B.Crespo) J.C.Manning & Goldblatt, *Bothalia* 43(2): 230 (2013)

## **PERIBOEA KUNTH**

*Periboea gawleri* Kunth, *Enum. Pl.* [Kunth] 4: 293 (1843), nom.nov. pro *Scilla brevifolia* Ker Gawl. (1812) = *Lachenalia corymbosa* (L.) J.C.Manning & Goldblatt, *Edinburgh J. Bot.* 60(3): 565 (2004)

## **POLYANTHES JACQ.**

*Polyanthes pygmaea* Jacq., *Icon. Pl. Rar.* [Jacquin] 2: t. 380 (1793) = *Lachenalia pygmaea* (Jacq.) G.D.Duncan, *Genus Lachenalia*: 426 (2012)

## **POLYXENA KUNTH**

*Polyxena angustifolia* (L.f.) Baker, Fl. Cap. (Harvey) 6(3): 419 (1897) = *Massonia echinata* L.f.  
*Polyxena bakeri* T.Durand & Schinz, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 366 (1894) =  
*Massonia echinata* L.f.

*Polyxena burchellii* (Baker) Baker, Fl. Cap. (Harvey) 6(3): 420 (1897) = *Daubenia zeyheri*  
(Kunth) J.C.Manning & A.M.van der Merwe

*Polyxena comata* (Burch. ex Baker) Baker, Fl. Cap. (Harvey) 6(3): 419 (1897) = *Daubenia*  
*comata* (Burch. ex Baker) J.C.Manning & A.M.van der Merwe

*Polyxena marginata* (Willd. ex Kunth) Baker, Fl. Cap. (Harvey) 6(3): 420 (1897) = *Daubenia*  
*marginata* (Willd. ex Kunth) J.C.Manning & A.M.van der Merwe

*Polyxena odorata* (Hook.f.) W.A.Nicholson, Dict. Gard. 3: 196 (1886), nom.inval. = *Lachenalia*  
*ensifolia* (Thunb.) J.C.Manning & Goldblatt, Edinburgh J. Bot. 60(3): 565 (2004)

*Polyxena pusilla* (Jacq.) Schltr., Notizbl. Bot. Gart. Berlin-Dahlem 9: 150 (1924) = *Lachenalia*  
*pusilla* Jacq., Coll. Suppl. 5: 71 (1797)

*Polyxena rugulosa* (Licht. ex Kunth) Baker, Fl. Cap. (Harvey) 6(3): 420 (1897) = *Daubenia*  
*marginata* (Willd. ex Kunth) J.C.Manning & A.M.van der Merwe

*Polyxena uniflora* (Sol. ex Baker) Benth. & Hook. ex Durand & Schinz, Consp. Fl. Africae 5: 367  
(1895) = *Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt, Edinburgh J. Bot.  
60(3): 565 (2004)

## **PSEUDOPROSPERO SPETA**

*Pseudoprospero firmifolium* (Baker) Speta

## **RESNOVA VAN DER MERWE**

*Resnova megaphylla* Hankey ex J.M.H.Shaw, CactusWorld 30(4): 238 (2012) = *Ledebouria*  
*megaphylla* (Hankey ex J.M.H.Shaw) Van Jaarsv. & Egli, Bradleya 34: 143 (2016)

## **SCILLA L.**

*Scilla brachyphylla* Roem. & J.H.Schult., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(1): 573  
(1829), nom.nov. pro *Scilla brevifolia* Ker Gawl. (1812), non *Hyacinthus brevifolius* Thunb.  
(1794) = *Lachenalia corymbosa* (L.) J.C.Manning & Goldblatt, Edinburgh J. Bot. 60(3):  
565 (2004)

*Scilla brevifolia* Ker Gawl., Bot. Mag. 36: t. 1468 (1812); Type: South Africa, Cape, precise  
locality and collector unknown, figure in Curtis's Botanical Magazine 36: t. 1468 (1812)  
(lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 439 (2012). = *Lachenalia*  
*corymbosa* (L.) J.C.Manning & Goldblatt, Edinburgh J. Bot. 60(3): 565 (2004)

## **STELLARIOIDES MEDIK.**

*Stellarioides littoralis* N.R.Crouch, D.Styles, A.J.Beaumont & Mart.-Azorin, Phytotaxa 177(5):  
262 (2014), Requires valid combination in *Ornithogalum*; Type: South Africa. KwaZulu-Natal:  
Ramsgate, Erven 1215 and 1216, growing in colonies in shallow lithosols overlying sheetrock  
adjacent to the coastline, flowered ex hort. 16 November 2007 in Kloof, Durban, N. Crouch &  
D. Styles 1283 (BNRH, holo.)

## **TRIMELOPTER RAF.**

*TrimeLOPTER craibii* Mart.-Azorin, M.B.Crespo & A.P.Dold, Phytotaxa 87(3): 52 (2013); Type:  
South Africa. North West Province: Mafikeng, Lichtenburg district, ca. 25 km northwest of  
Lichtenburg to Zeerust on R505, west of Molopo Oog, Trekdrift Farm, in soil pockets of low  
dolomite outcrops, flowered ex hort. 20 August 2011 in Grahamstown, C. Craib s.n. (GRA,  
holo.; ABH n. 59467, K, iso.) = *Albuca craibii* (Mart.-Azorin, M.B.Crespo & A.P.Dold)  
J.C.Manning & Goldblatt, Bothalia 43(2): 229 (2013)

## HYDNORACEAE

### **HYDNORA THUNB.**

*Hydnora visseri* Bolin, E.Maass & Musselman, Syst. Bot. 36(2): 255 (2011)

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## HYMENOPHYLLACEAE

### **ABRODICTYUM C.PRESL**

*Abrodictyum pseudorigidum* Bauret & Dubuisson, Phytotaxa 284(3): 161 (2016); Type:  
Madagascar, Fianarantsoa, Ambatomboay, RNI d' Andringitra versant E, 24 May 1995, F.  
Rakotondrainibe 2708 (P00059914, holo.)

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## HYPERICACEAE

### **HYPERICUM L.**

*Hypericum androsaemum* L., Sp. Pl. 2: 784 (1753)

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## HYPNACEAE

### **PLATYGYRIELLA CARDOT**

*Platygyriella densa* (Hook.) W.R.Buck, Brittonia 36: 86 (1984)

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## HYPOXIDACEAE

### **HYPOXIS L.**

*Hypoxis barbacenioides* Harv. ex Baker, J. Bot. 13: 234 (1875), listed in synonymy only =  
*Xerophyta elegans* (Balf.) Baker, J. Bot. 13: 234 (1875)

*Hypoxis vellosioides* Harv. ex Baker, J. Bot. 13: 233 (1875), listed in synonymy only = *Xerophyta*  
*retinervis* Baker var. *retinervis*

### **PAURIDIA HARV.**

*Pauridia breviscapa* Snijman

*Pauridia gracilipes* (Schltr.) Snijman & Kocyan subsp. *gracilipes*

*Pauridia gracilipes* (Schltr.) Snijman & Kocyan subsp. *speciosa* Snijman

*Pauridia maryae* Snijman, Phytotaxa 182(1): 30 (2014)

*Pauridia monticola* Snijman

*Pauridia monticola* Snijman subsp. *monticola*

*Pauridia monticola* Snijman subsp. *nubigena* Snijman

*Pauridia pudica* Snijman

*Pauridia pygmaea* Snyman & Kocyan, Phytotaxa 116(1): 29 (2013)

*Pauridia serrata* (Baker) Snijman & Kocyan

*Pauridia serrata* (Thunb.) Snijman & Kocyan var. *albiflora* (Nel) Snijman & Kocyan, Phytotaxa  
116(1): 30 (2013)

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## IRIDACEAE

### **AGRETTA ECKL.**

*Agretta crispa* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 24 (1827), nom.inval. = *Ixia*  
*erubescens* Goldblatt, J. S. African Bot. 37(3): 233 (1971), nom.nov. pro *Ixia crispa* L.f.  
(1782)



*Agretta pallidiflavens* Eckl., Verz.: 24 (1827), nom.inval. = *Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)

*Agretta pentandra* (L.f.) Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 23 (1827), nom.inval. = *Ixia scillaris* L. subsp. *scillaris*

*Agretta stricta* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 23 (1827), nom.nud. = *Ixia stricta* (Eckl. ex Klatt) G.J.Lewis, J. S. African Bot. 28: 167 (1962)

## **ARISTEA AITON**

*Aristea compressa* Buchinger, Flora [Krauss] 28: 309 (1845), nom.nud. = *Aristea compressa* Buchinger ex Baker, J. Linn. Soc., Bot. 16: 111 (1877)

*Aristea rufobracteata* Goldblatt & J.C.Manning, Bothalia-ABC 45(1): 2 (2015); Type: South Africa, Western Cape, Montagu: Grootvadersbos, throughout Boesmansbos Wilderness area, after fire, 16 Nov. 1988, Ruiters 44 (NBG, holo.; NBG, PRE, iso.)

## **BABIANA KER GAWL.**

*Babiana longiflora* (P.J.Bergius) Steud. = *Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)

## **CODONORHIZA GOLDBLATT & J.C.MANNING**

*Codonorhiza azurea* (Eckl. ex Baker) Goldblatt & J.C.Manning, Strelitzia 35: 93 (2015)

*Codonorhiza corymbosa* (L.) Goldblatt & J.C.Manning, Strelitzia 35: 98 (2015)

*Codonorhiza elandsmontana* Goldblatt & J.C.Manning, Strelitzia 35: 96 (2015)

*Codonorhiza falcata* (L.f.) Goldblatt & J.C.Manning, Strelitzia 35: 89 (2015)

*Codonorhiza fastigiata* (Lam.) Goldblatt & J.C.Manning, Strelitzia 35: 101 (2015)

*Codonorhiza micrantha* (E.Mey. ex Klatt) Goldblatt & J.C.Manning, Strelitzia 35: 90 (2015)

*Codonorhiza pillansii* Goldblatt & J.C.Manning, Strelitzia 35: 93 (2015)

## **CROCOSMIA PLANCH.**

*Crococosmia rochensis* (Ker Gawl.) Klatt, Naturw. Reise Mossambique [Peters] 6(Bot., 2): 516 (1864) = *Ixia bellendenii* R.C.Foster, Contr. Gray Herb. 114: 47 (1936)

*Crococosmia tenuiflora* (Vahl) Klatt, Naturw. Reise Mossambique [Peters] 6(Bot., 2): 516 (1864) = *Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)

## **DIETES SALISB. EX KLATT**

*Dietes bicolor* (Steud.) Sweet ex Klatt subsp. *armeniaca* Goldblatt & J.C.Manning, Bothalia-ABC 45(1): 2 (2015); Type: South Africa. KwaZulu-Natal, Port Edward: Leopard Beach, river bed, Nov. 2011 [without day], Abbott 9381 (NBG, holo.; MO, iso.)

*Dietes bicolor* (Steud.) Sweet ex Klatt subsp. *bicolor*

*Dietes iridioides* (L.) Sweet ex Klatt subsp. *iridioides*

## **FREESEA ECKL.**

*Freesea mineatolateritia* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 30 (1827), nom.illegit. = *Ixia tenuifolia* Vahl, Enum. Pl. [Vahl] 2: 62 (1805)

## **FERRARIA BURM. EX MILL.**

*Ferraria macrochlamys* (Baker) Goldblatt & J.C.Manning

## **GALAXIA THUNB.**

*Galaxia xiiiflora* DC., Liliac. [Redouté] 1: t. 41 (1803); Type: South Africa, without precise locality or collector, illustration in Redouté, Liliac. 1: t. 41 (1803) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.

*Galaxia ramosa* DC., Liliac. [Redouté] 1: sub t. 41 (1803) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.

## **GEISSORHIZA KER GAWL.**

*Geissorhiza heterostyla* L.Bolus subsp. *heterostyla*

*Geissorhiza heterostyla* L.Bolus subsp. *rosea* (Klatt) Goldblatt & J.C.Manning, S. African J. Bot. 106: 32 (2016)

*Geissorhiza latifolia* (D.Delaroche) Baker, J. Linn. Soc., Bot. 16: 94 (1877) = *Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)

*Geissorhiza lutea* Eckl., Topogr. Ver z.: 21 (1827), nom.nud. = *Hesperantha falcata* (L.f.) Ker Gawl. subsp. *lutea* (Benth. ex Baker) Goldblatt & J.C.Manning, S. African J. Bot. 98: 119 (2015)

*Geissorhiza namaquamontana* Goldblatt & J.C.Manning, S. African J. Bot. 111: 300 (2017); Type: South Africa, Northern Cape, Hondeklipbaai: Grootberg, 21 km SW of Kamieskroon, mid to upper south slopes NE of Farm Naries, 28 September 2016, Helme 8822 (NBG, holo.)

*Geissorhiza nutans* Goldblatt & J.C.Manning, S. African J. Bot. 106: 30 (2016); Type: South Africa, Western Cape, Olifants River to Algeria road, Farm Kriedouwkrans, moist, south-facing clay soil slope, 21/8/2015, Goldblatt & Porter 14094 (NBG, holo.; K, MO, PRE, iso.)

## **GLADIOLUS L.**

*Gladiolus coccineus* (Thunb.) Schrank, Denkschr. Bot. Ges. Regensb. 2: 197 (1822) = *Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)

*Gladiolus ixioides* Thunb., Fl. Cap.: 208 (1811); Type: South Africa, without precise locality, Thunberg s.n. (UPS-THUNB 1035, holo.) = *Ixia paniculata* D.Delaroche, Descr. Pl. Nov.: 26. t. 1 (1766)

*Gladiolus longiflorus* (P.J.Bergius) Jacq., Icon. Pl. Rar. [Jacquin] 2: t. 262 (1794), nom.illegit., non L.f. (1782) = *Ixia paniculata* D.Delaroche, Descr. Pl. Nov.: 26. t. 1 (1766)

*Gladiolus pyramidalis* Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 2 (1768); Type: South Africa, without precise locality or original collector (G, Herb.: Burman, holo.) = *Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)

*Gladiolus umbellatus* Schrank, Denkschr. Bot. Ges. Regensb. 2: 202 (1822); Type: probably Brehm s.n., without precise locality [M, holo., fide Lewis (1962)] = *Ixia dubia* Vent., Choix Pl.: t. 10 (1803)

## **HESPERANTHA KER GAWL.**

*Hesperantha dolomitica* Goldblatt & J.C.Manning, Bothalia 43(2): 145 (2013); Type: South Africa, Western Cape. Knersvlakte. Farm Varsche Rivier 260. 300 m north of Vars River, south-facing limestone crevices, ledges and moss pads, 25 July 2012. Helme 7425 (NBG, holo.)

*Hesperantha eremophila* Goldblatt & J.C.Manning, S. African J. Bot. 98: 119 (2015); Type: South Africa. Northern Cape, Vioolsdrif: Richtersveld National Park. Vandersterrberg, on road to Koeskopfontein within the Venstervalle valley, ±3 km from Koeskopfontein, 13 Aug. 2014, P.C.V. van Wyk 477 (NBG, holo.: MO, iso)

*Hesperantha falcata* (L.f.) Ker Gawl. subsp. *falcata*

*Hesperantha falcata* (L.f.) Ker Gawl. subsp. *lutea* (Benth. ex Baker) Goldblatt & J.C.Manning, S. African J. Bot. 98: 119 (2015); Type: South Africa, Western Cape, Caledon District, without date, C.L. Zeyher s.n. (K, holo.)

*Hesperantha filiformis* Goldblatt & J.C.Manning, S. African J. Bot. 98: 117 (2015); Type: South Africa, Northern Cape, Calvinia: Hantamsberg plateau. Farm Vanrhynshoek, in wet red clay among dolerite boulders, 25 Sept. 2014, Goldblatt & Porter 14010 (NBG, holo.)

*Hesperantha kiaratayloriae* Goldblatt & J.C.Manning, Bothalia 43(2): 211 (2013)

*Hesperantha laxifolia* Goldblatt & J.C.Manning, *Bothalia* 43(2): 146 (2013); Type: South Africa, Western Cape, Wuppertal: mountains north of Pakhuis Pass, occasional among sandstone rocks on south-facing slopes and banks, 12 Oct. 2012, Goldblatt & Porter 13877 (NBG, holo.; K, MO, PRE, iso.).

*Hesperantha lutea* Benth. ex Baker var. *luculenta* R.C.Foster, *Contr. Gray Herb.* 166: 19 (1948); Type: South Africa, Western Cape, hills at Berg River Bridge, Piketberg, 4 Sept. 1894, R. Schlechter 5261 (GH, holo.; B, BOL, G, K, P, PRE, S, Z, iso.) = *Hesperantha falcata* (L.f.) Ker Gawl. subsp. *lutea* (Benth. ex Baker) Goldblatt & J.C.Manning, *S. African J. Bot.* 98: 119 (2015)

*Hesperantha palustris* Goldblatt & J.C.Manning, *S. African J. Bot.* 98: 116 (2015); Type: South Africa, Northern Cape, Calvinia: Tierkloof, Bulbinella marsh on dolerite sill NW of farm houses, 27 Sept. 2014. Goldblatt & Porter 14040 (NBG, holo.; MO, PRE, iso.)

*Hesperantha pilosa* (L.f.) Ker Gawl. subsp. *bracteolata* (R.C.Foster) Goldblatt & J.C.Manning, *Bothalia* 43(2): 149 (2013); Type: South Africa, [Northern Cape], Farm Uitkyk, Marloth 9907 (B. holo.; PRE, iso.).

*Hesperantha pilosa* (L.f.) Ker Gawl. subsp. *pilosa*, *Ann. Bot.* [König & Sims]. 1(2): 225 (1804)

*Hesperantha radiata* (Jacq.) Ker Gawl. subsp. *radiata*

*Hesperantha secunda* Goldblatt & J.C.Manning, *Bothalia* 43(2): 150 (2013); Type: South Africa, Northern Cape, Calvinia: Roggeveld Escarpment, 56 km from Calvinia on Blomfontein road to Middelpoort, 17 Sept. 1980, Goldblatt 5810 (NBG, holo.; K, MO, PRE, S, US, iso.)

## **HOUTTUYNIA HOUTT.**

*Houttuynia capensis* Houtt., *Nat. Hist. (Houttuyn)* 2(12): 448, t. 85 (1780); Type: South Africa, without precise locality, cultivated in Holland, illustration in *Houttuyn, Natuurlijke historie* 12: t. 85, f. 3 (1780). = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

## **HYALIS SALISB.**

*Hyalis aulica* (Aiton) Salisb., *Trans. Hort. Soc. London* 1: 318 (1812), nom.inval. = *Ixia latifolia* D.Delaroche, *Pl. Nov.*: 22 (1766)

*Hyalis latifolia* (D.Delaroche) Salisb., *Trans. Hort. Soc. London* 1: 317 (1812), nom.inval. = *Ixia latifolia* D.Delaroche, *Pl. Nov.*: 22 (1766)

*Hyalis longiflora* (P.J.Bergius) Salisb., *Trans. Hort. Soc. London* 1: 318 (1812), nom.inval. = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Hyalis marginifolia* Salisb., *Trans. Hort. Soc. London* 1: 318 (1812), nom.inval. = *Ixia marginifolia* Salisb. ex G.J.Lewis, *J. S. African Bot.* 28: 66 (1962)

## **IXIA L.**

*Ixia abbreviata* Houtt., *Handl. Pl.-Kruidk.* 12: 41, t. 78. f. 3 (1780); Type: South Africa, without precise locality or collector, illustration in *Houttyn., Nat. Hist.* 12: t. 78 f. 3 (1780)

*Ixia alboflavens* Eckl., *Topogr. Verz. Pflanzensamml. Ecklon*: 27 (1827), uncertain synonymy; Type: unknown = *Ixia abbreviata* Houtt., *Handl. Pl.-Kruidk.* 12: 41, t. 78. f. 3 (1780)

*Ixia alticola* Goldblatt & J.C.Manning, *S. African J. Bot.* 104: 182 (2016); Type: South Africa, Western Cape Province, Cederberg, Farm Kalkoenfontein, Dwarsrivier, 27/11/2013, P. Lane & M. Wheeler s.n. (NBG, holo.; K, MO, iso.)

*Ixia amoena* Salisb., *Prodr. Stirp. Chap. Allerton*: 35 (1796), uncertain synonymy; Type: unknown = *Ixia maculata* L., *Sp. Pl., ed. 2. 2: 1664* (1763)

*Ixia angelae* Goldblatt & J.C.Manning, *S. African J. Bot.* 104: 192 (2016); Type: South Africa, Western Cape Province, Cedarberg, along road above Algeria Forest Station, 13/11/2012, Manning & Parker 3459 (NBG, holo.; K, MO, PRE, iso.)

*Ixia angusta* L.Bolus, *S. African Gard.* 21: 367, 369 (1931), nom.illegit., non Jacq. (1793); Type: South Africa, ex Hort. Univ. Stellenbosch 661, said to be from Nieuwoudtville but also

- cultivated there, Buhr s.n. (BOL, holo.) = *Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)
- Ixia angustifolia* (Andrews) Klatt, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 182 (1894) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.
- Ixia aristata* Thunb. var. *elegans* (Regel) Baker, Handbk. Irid.: 162 (1892) = *Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)
- Ixia aristata* Thunb., Diss. Ixia: 14 (1783); Type: South Africa, without precise locality, Thunberg s.n. (UPS-THUNB. ['*Ixia aristata* a, b, c'], syn.) = *Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)
- Ixia aulica* Aiton, Hort. Kew. [W. Aiton] 1: 57 (1789); Type: South Africa, 'Cape of Good Hope', cultivated in Britain, without precise locality, illustration in Curtis's Botanical Magazine 25: t. 1013 (1807) = *Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)
- Ixia avellana* R.C.Foster, Contr. Gray Herb. 114: 47 (1936), nom.nov. pro *Ixia erecta* Thunb. = *Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)
- Ixia cana* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 26 (1827); Type: South Africa, without precise locality, cultivated in Cape Town, Ecklon s.n. (S, lecto.) Lectotype designated by Nordenstam, Journal of South African Botany 38: 285 (1972). = *Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)
- Ixia candida* Delile, Liliac. [Redouté] 8: t. 426 (1814), nom.inval. = *Ixia leucantha* Jacq., Icon. Pl. Rar. 2: 7 & t. 278 (1795)
- Ixia capillaris* L.f. var. *aulica* (Aiton) Ker Gawl., Bot. Mag. 25: t. 1013 (1807) = *Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)
- Ixia capillaris* L.f. var. *incarnata* (Jacq.) Ker Gawl., Bot. Mag. 17: t. 617 (1803) = *Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)
- Ixia capillaris* L.f. var. *lancea* (Jacq.) Ker Gawl., Bot. Mag. 16: t. 570 (1802) = *Ixia marginifolia* Salisb. ex G.J.Lewis, J. S. African Bot. 28: 66 (1962)
- Ixia capillaris* L.f. var. *stricta* Ker Gawl., Bot. Mag. 17: t. 617 (1803); Type: South Africa, without precise locality or collector, illustration in Curtis's Botanical Magazine 17: t. 617 of *I. capillaris* var. *stricta* (1803a) = *Ixia marginifolia* Salisb. ex G.J.Lewis, J. S. African Bot. 28: 66 (1962)
- Ixia capitata* Andrews, Bot. Repos. 1: t. 50 (1799); Type: South Africa, without precise locality or collector, illustration in Andrews, Bot. Repos. 1: t. 50 (1799) = *Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)
- Ixia cartilaginea* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789); Type: South Africa, without precise locality or collector (P: Herb. Lamarck, holo.) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.
- Ixia coccinea* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 24 (1827), nom.illegit., non Thunb. (1811); Type: unknown = *Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)
- Ixia coccinea* Thunb., Fl. Cap. 1: 241 (1811); Type: South Africa, without precise locality, Thunberg s.n. (UPS-THUNB. ['*Ixia coccinea* á'], holo.) = *Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)
- Ixia columnaris* Salisb. var. *angustifolia* Andrews, Bot. Repos. 6: t. 392 (1804); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 6: t. 392 (1804) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.
- Ixia columnaris* Salisb. var. *grandiflora* Andrews, Bot. Repos. 4: t. 250 (1802); Type: South Africa, without precise locality or collector, illustration in Andrews, Bot. Repos. 4: t. 250 (1802) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.

- Ixia columnaris* Salisb. var. *latifolia* Andrews, Bot. Repos. 3: t. 213 (1802); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 3: t. 213 (1802) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia columnaris* Salisb. var. *purpurea* Andrews, Bot. Repos. 3: t. 203 (1802); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 3: t. 203 (1802) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia columnaris* Salisb. var. *rhodolarynx* Baker, J. Linn. Soc. Bot. 16: 91 (1877), nom.superfl. = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia columnaris* Salisb. var. *versicolor* Andrews, Bot. Repos.3: t. 211 (1802); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 3: t. 211 (1802) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia columnaris* Salisb., Prodr. Stirp. Chap. Allerton: 36 (1796); Type: unknown = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia concolor* Salisb., Prodr. Stirp. Chap. Allerton: 36 (1796); Type: unknown = ***Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)**
- Ixia conica* Salisb., Prodr. Stirp. Chap. Allerton: 36 (1796); Type: unknown = ***Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)**
- Ixia crateroides* Ker Gawl., Bot. Mag. 16: t. 594 (1802), nom.illegit.superfl.; Type: South Africa, without precise locality or collector, illustration in Curtis's Bot. Mag. 16: t. 594 (1802). = ***Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)**
- Ixia densiflora* Klatt, Abh. Naturf. Ges. Halle 15: 397 (1882); Type: South Africa, Western Cape, without precise locality, Zeyher 309 (B: Herb. Lubeck, holo., probably not extant) = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia dispar* N.E.Br., Bull. Misc. Inform. Kew 1929(4): 134 (1929); Type: South Africa, Western Cape, near Worcester, Cooper 3611 (K, holo.) = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia duckittiae* L.Bolus, S. African Gard. 21: 281, 282 (1931); Type: South Africa, Western Cape Province, Darling, Duckitt s.n. Natl. Bot. Gard. 3202/15 (BOL, holo.) = ***Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)**
- Ixia elegans* (Regel) N.E.Br., J. Linn. Soc., Bot. 48: 43 (1928) = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia erecta* P.J.Bergius, Descr. Pl. Cap.: 5 (1767); Type: Unknown = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia erecta* Thunb. var. *lutea-odorata* Ker Gawl., Bot. Mag. 29: t.1173 (1809) = ***Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)**
- Ixia erecta* Thunb., Diss. Ixia: 16 (1783), nom.illegit., non P.J.Bergius (1767); Type: South Africa, without precise locality, Thunberg s.n. (S, UPS-THUNB, syn.) = ***Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)**
- Ixia filiformis* Vent., Descr. Pl. Nouv.: t. 48 (1801); Type: South Africa, without precise locality or collector, illustration in Vent., Descr. pl. nuov.: t. 48 (1801) = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia flaccida* Salisb., Prodr. Stirp. Chap. Allerton 35 (1796), nom. illegit. superfl. = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia flava* Hornem., Hort. Hafn. Suppl.: 5 (1819), nom.illegit., non Lam. (1791); Type: unknown = ***Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)**
- Ixia flavescens* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 26 (1827), nom.nud. = ***Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)**

- Ixia flexuosa* Mill., Gard. Dict. edn 8: 3 (1768), nom. illegit. superfl., non L. (1762) = ***Ixia flexuosa* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia fuscocitrina* Desf. ex DC., Liliac. [Redouté] 2: t. 86 (1804); Type: South Africa, without precise locality or collector, illustration in Redouté, Liliac.: t. 86 (1804)
- Ixia galaxioides* Klatt, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 184 (1894), nom.superfl. = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia grandiflora* (Andrews) Pers., Syn. Pl. [Persoon] 1: 48 (1805), nom.illegit., non D.Delaroche (1766) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia helmei* Goldblatt & J.C.Manning, S. African J. Bot. 104: 183 (2016); Type: South Africa, Western Cape Province, Farm Welgemoed, N of Bot River, W of Aasvoelkop, 26/10/2000, Helme 3429 (NBG, holo.)
- Ixia incarnata* Jacq., Coll. Suppl.: 13 (1796); Types: South Africa, without precise locality or collector, illustration in Jacquin, Icones plantarum rariorum 2(16): t.282 (1795). Type: South Africa, Western Cape, Ceres, Theronsberg Pass, 20/10/1983, Snijman 779 (NBG, epi.; PRE, iso-epi.) Epitype designated by Goldblatt & Manning, Bothalia 41(1): 112 (2011). = ***Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)**
- Ixia lancea* Jacq., Icon. Pl. Rar. [Jacquin] 2: t. 281 (1786), nom.illegit., non Thunb. (1783) = ***Ixia marginifolia* Salisb. ex G.J.Lewis, J. S. African Bot. 28: 66 (1962)**
- Ixia leucantha* Jacq. var. *aristata* (Thunb.) Baker, Handb. Irid.: 162 (1892) = ***Ixia campanulata* Houtt., Handl. Pl.-Kruidk. 12: 42, t. 78. f. 4 (1782)**
- Ixia leucantha* Jacq., Icon. Pl. Rar. 2: 7 & t. 278 (1795); Type: South Africa, without precise locality or collector, illustration in Jacq., Icon. pl. rar. 2: t. 278 (1795). Type: South Africa, Western Cape Province, east of and near Baardskeedersbos, 10/11/1985, De Vos 2637 (NBG, epi.) Epitype designated by Goldblatt & Manning, South African Journal of Botany 104: 182 (2016).
- Ixia longiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 342 (1789), nom.illegit., non P.J.Bergius (1767); Type: uncertain, P (Herb. Lamarck or Herb. Jussieu) = ***Ixia paniculata* D.Delaroche, Descr. Pl. Nov.: 26. t. 1 (1766)**
- Ixia longiflora* P.J.Bergius, Descr. Pl. Cap.: 7 (1767), nom.illegit.superfl.; Type: South Africa, without precise locality, cultivated in Holland, Kallstrom s.n. (HBT, holo.) = ***Ixia paniculata* D.Delaroche, Descr. Pl. Nov.: 26. t. 1 (1766)**
- Ixia longistylis* (M.P.de Vos) Goldblatt & J.C.Manning, S. African J. Bot. 104: 187 (2016); Type: South Africa, Western Cape Province, Worcester–Rawsonville, Farm Pokkraal, 11/11/1986, De Vos 2681 (NBG [as STE], holo.)
- Ixia macrocarpa* Goldblatt & J.C.Manning, S. African J. Bot. 98: 112 (2015)**
- Ixia maculata* L. var. *amethystina* Ker Gawl., Curtis's Bot. Mag. 18: t. 789 (1804); Type: South Africa, without precise locality or collector, illustration in Curtis's Bot. Mag. 18: t. 789 (1804) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia maculata* L. var. *caesia* Ker Gawl., Bot. Reg. 7: t. 530 (1821); Type: South Africa, without precise locality or collector, illustration in Bot. Reg. 7: t. 530 (1821) = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia maculata* L. var. *nigroalbida* (Klatt) Baker, Handb. Irid.: 163 (1892) = ***Ixia abbreviata* Houtt., Handl. Pl.-Kruidk. 12: 41, t. 78. f. 3 (1780)**
- Ixia maculata* L. var. *ochroleuca* Ker Gawl., Bot. Mag. 32: t. 1285 (1810); Type: South Africa, without precise locality or collector, illustration in Curtis's Bot. Mag. 34: t. 1285 (1810). = ***Ixia abbreviata* Houtt., Handl. Pl.-Kruidk. 12: 41, t. 78. f. 3 (1780)**
- Ixia maculata* L. var. *viridis* Jacq., Pl. Hort. Schoenbr. 1: t. 23 (1797), nom.nud. = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**

- Ixia maculata* L. var. *viridis* Ker Gawl., Curtis's Bot. Mag. 16: t. 549 (1802); Type: South Africa, without precise locality or collector, illustration in Curtis's Bot. Mag. 16: t. 549 (1802) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia milleri* P.J.Bergius, Descr. Pl. Cap.: 8 (1767); Type: South Africa, without precise locality or collector, illustration in Miller, Fig. Pl.: t. 156, f. 1 (as f. 2) (1760) = ***Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)**
- Ixia monadelpha* D.Delaroche var. *curta* (Andrews) Ker Gawl., Curtis's Bot. Mag. 34: t. 1378 (1811) = ***Ixia curta* Andrews, Bot. Repos.: t. 564 (1809)**
- Ixia nigroalbida* Klatt, Abh. Naturf. Ges. Halle 15: 396 (1882); Type: South Africa, without precise locality or collector, illustration 'Ixia capitata var. flore albo fundo nigro' in Bot. Repos. 3: t. 159 (1802). = ***Ixia abbreviata* Houtt., Handl. Pl.-Kruidk. 12: 41, t. 78. f. 3 (1780)**
- Ixia ochroleuca* (Ker Gawl.) Sweet, ort. Brit. [Sweet], ed. 2: 502 (1830), nom. illeg., non *I. ochroleuca* Vahl (1805) = ***Ixia abbreviata* Houtt., Handl. Pl.-Kruidk. 12: 41, t. 78. f. 3 (1780)**
- Ixia ovata* (Andrews) Sweet var. *stellata* (Andrews) Baker, Handb. Irid.: 164 (1892) = ***Ixia divaricata* Goldblatt & J.C.Manning, Bothalia 38(1): 18 (2008), nom. nov. pro *I. latifolia* var. *angustifolia* G.J.Lewis (1962)**
- Ixia pallideflavens* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 25 (1827), uncertain synonymy; Type: unknown = ***Ixia maculata* L., Sp. Pl., ed. 2. 2: 1664 (1763)**
- Ixia paniculata* D.Delaroche var. *rochensis* (Ker Gawl.) Baker, Handb. Irid.: 166 (1892) = ***Ixia bellendenii* R.C.Foster, Contr. Gray Herb. 114: 47 (1936)**
- Ixia paniculata* D.Delaroche var. *tenuiflora* (Vahl) Baker, Handb. Irid.: 166 (1892) = ***Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)**
- Ixia patens* Aiton var. *kermesina* Regel, Gartenflora 11: t. 356 (1862); Type: South Africa, without precise locality or collector, illustration in Regel in Gartenfl. 11: t. 356 (1862) = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia patens* Aiton var. *leucantha* (Jacq.) Ker Gawl., Irid. Gen.: 98 (1827) = ***Ixia leucantha* Jacq., Icon. Pl. Rar. 2: 7 & t. 278 (1795)**
- Ixia phlogiflora* Delile, Liliac. [Redouté] 8: t. 432 (1814); Type: South Africa, Western Cape, without precise locality or collector, illustration in Delile in Redouté, Les Liliacées 8: t. 432 (1814a) = ***Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)**
- Ixia polystachya* L. var. *flavescens* (Eckl.) Baker, J. Linn. Soc., Bot. 16: 90 (1877) = ***Ixia odorata* Ker Gawl., Bot. Reg. 7(2): Notes [p. 5] (1822)**
- Ixia polystachia* Mill., Gard. Dict. edn 8: 3 (1768), nom.illegit.superfl.; Type: South Africa, without precise locality or collector, illustration in Mill., Fig. pl.: t. 155 f. 2 (1760) = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia prasina* Sol. ex Baker, J. Linn. Soc., Bot. 16: 92 (1877) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia pulcherrima* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 24 (1827); Type: none known but Zeyher s.n., from near Klipfontein (PRE), annotated 'Ixia sp. (I. pulcherrima Ecklon)', possibly by P. MacOwan, appears to authenticate the identity of the species; Ecklon & Zeyher Irid 81 (SAM) 'Ixia pulcherrima' Groenekloof, and 'Ixia pulcherrima Eckl.' from Klipfontein, Zwartland likewise authenticate the name. = ***Ixia tenuifolia* Vahl, Enum. Pl. [Vahl] 2: 62 (1805)**
- Ixia pulchra* Salisb., Trans. Hort. Soc. London 1: 320 (1812), nom.nov. pro *I. maculata* var. *viridis* Ker Gawl. (1802) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia punicea* Eckl., Topogr. Verz. Pflanzensamml. Ecklon: 24 (1827), nom.illegit., non Jacq. (1794); Type: South Africa, without precise locality, Ecklon s.n. (S, lecto.) Lectotype designated by Nordenstam, Journal of South African Botany 38: 283 (1972). = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789)**
- Ixia purpurea* (Klatt) Klatt, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 186 (1894), nom.illegit., non Lam (1789), nec Jacq. (1791) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**

- Ixia purpurea* Jacq., Collectanea [Jacquin] 3: 268 (1791), non Lam. (1789) = ***Babiana purpurea* (Jacq.) Ker Gawl., Bot. Mag. 26: sub t. 1019 (1807)**
- Ixia purpurea* Lam., Encycl. [J. Lamarck & al.] 3(1): 341 (1789) = ***Tritonia crocata* (L.) Ker Gawl.**
- Ixia rochensis* (Ker Gawl.) L.Bolus, J. Bot. 67: 133 (1929), nom.illegit., non Ker Gawl. (1803) = ***Ixia bellendenii* R.C.Foster, Contr. Gray Herb. 114: 47 (1936)**
- Ixia rochensis* Ker Gawl., Bot. Mag. 17: t. 598 (1802) = ***Geissorhiza radians* (Thunb.) Goldblatt**
- Ixia rosealba* Goldblatt & J.C.Manning, S. African J. Bot. 104: 183 (2016); Type: South Africa, Western Cape Province, entrance to Cogmanskloof, south of Montagu, 1/09/2007, Goldblatt & Porter 12941 (NBG, holo.; MO, iso.)**
- Ixia rotata* Ker Gawl., Andr. Recens. Pl. Bot. Rep.: 3 (1801), nom.illegit.superfl.; author uncertain = ***Ixia scillaris* L. subsp. *latifolia* Goldblatt & J.C.Manning, Bothalia 42(2): 105 (2012)**
- Ixia sarmentosa* Goldblatt & J.C.Manning, S. African J. Bot. 104: 191 (2016); Type: South Africa, Western Cape Province, Bo-Hermon, Elandsberg Farm, southeast of Bosplaas homestead, 11/11/2011, Goldblatt & Manning 13747 (NBG, holo.; K, MO, PRE, S, iso.)**
- Ixia scariosa* Thunb. var. *longifolia* Baker, Handb Irid.: 165 (1892), p.p.; Types: South Africa, Western Cape, near Ceres, 10/1873, H. Bolus 2621 (K, BOL, SAM) = ***Ixia divaricata* Goldblatt & J.C.Manning, Bothalia 38(1): 18 (2008), nom. nov. pro *I. latifolia* var. *angustifolia* G.J.Lewis (1962)**
- Ixia scariosa* Thunb. var. *longifolia* Baker, Handb Irid.: 165 (1892), p.p.; Types: South Africa, Western Cape, Avontuur, H. Bolus 2487 (K, lecto., BOL, iso.) Lectotype designated by De Vos, Flora of Southern Africa 7 (2.1): 33 (1999). = ***Ixia orientalis* L.Bolus, S. African Gard. 19: 27 (1929)**
- Ixia scariosa* Thunb., Fl. Cap. 1: 243 (1811); Type: South Africa, Western Cape, probably in the Cold Bokkeveld, 09/1773, but not stated, C.P. Thunberg s.n. UPS-THUNB990 (UPS-THUN, specimen on right of sheet, lecto.) Lectotype designated by Goldblatt & Manning, Bothalia 41(1): 112 (2011). = ***Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)**
- Ixia serotina* Salisb., Prodr. Stirp. Chap. Allerton: 34 (1796), nom.illegit.superfl. = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia speciosa* Andrews, Bot. Repos.: t. 186 (1801); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 3: t. 186 (1801). = ***Ixia campanulata* Houtt., Handl. Pl.-Kruiddk. 12: 42, t. 78. f. 4 (1782)**
- Ixia spectabilis* Salisb., Prodr. Stirp. Chap. Allerton: 35 (1796); Type: unknown = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia spicata* Burm.f. var. *viridinigra* Andrews, Bot. Repos. 1: t. 29 (1798); Type: South Africa, without precise locality or collector, illustration in Bot. Repos. 1: t. 29 (1798) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia stellata* (Andrews) Klatt, Abh. Naturf. Ges. Halle 15: 396 (1882) = ***Ixia divaricata* Goldblatt & J.C.Manning, Bothalia 38(1): 18 (2008), nom. nov. pro *I. latifolia* var. *angustifolia* G.J.Lewis (1962)**
- Ixia tenuiflora* Vahl, Enum. Pl. [Vahl] 2: 66 (1805); Type: unknown, possibly Herb. Vahl: C = ***Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)**
- Ixia variegata* Banks ex Ker Gawl., Curtis's Bot. Mag. 15: t. 630 (1803) = ***Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.**
- Ixia viridiflora* Lam. var. *caesia* (Ker Gawl.) Baker, J. Linn. Soc. Bot. 16: 92 (1877) = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)**
- Ixia viridiflora* Lam. var. *cana* (Eckl.) Baker, Handbk. Irid.: 164 (1892) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**
- Ixia viridis* Thunb., Fl. Cap. 1: 242 (1811); Type: South Africa, Western Cape, 'Roode Sand,' Thunberg s.n. (S, UPS, syn.) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789)**



*Ixia vitellina* Eckl., Topogr. Verz. Pflanzensamml. Ecklon 25 (1827), uncertain synonymy; Type: unknown = *Ixia maculata* L., **Sp. Pl., ed. 2. 2: 1664 (1763)**

### **LAPEIROUSIA POURR.**

*Lapeirousia fabricii* (D.Delaroche) Ker Gawl. subsp. *compressa* (Pourr.) Goldblatt & J.C.Manning, Strelitzia 35: 86 (2015)

*Lapeirousia fabricii* (D.Delaroche) Ker Gawl. subsp. *fabricii*, Strelitzia 35: 85 (2015)

*Lapeirousia fabricii* (D.Delaroche) Ker Gawl. subsp. *purpurascens* Goldblatt & J.C.Manning, Strelitzia 35: 86 (2015)

*Lapeirousia kalahariensis* Goldblatt & J.C.Manning, Strelitzia 35: 51 (2015)

*Lapeirousia kamiesmontana* Goldblatt & J.C.Manning, Strelitzia 35: 79 (2015)

*Lapeirousia plicata* (Jacq.) Diels subsp. *foliosa* Goldblatt & J.C.Manning, Strelitzia 35: 48 (2015); Type: South Africa, Northern Cape, 3019 (Calvinia): Loeriesfontein Dist., between Graafwater and Donkiedam, (-CC), 4 July 1990, Oliver 9484 (NBG, holo.)

*Lapeirousia pupurea* Goldblatt & J.C.Manning, Strelitzia 35: 74 (2015)

### **MELASPHAERULA KER GAWL.**

*Melaspheerula ramosa* (L.) Klatt, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5(2): 203 (1893), epithet misapplied to *Melaspheerula* = *Ixia scillaris* L. subsp. *scillaris*

### **MICRANTHUS (PERS.) ECKL.**

*Micranthus cruciatus* Goldblatt & J.C.Manning, Bothalia 43(2): 139 (2013)

*Micranthus filifolius* Goldblatt & J.C.Manning, Bothalia 43(2): 137 (2013)

*Micranthus simplex* Goldblatt & J.C.Manning, Bothalia 43(2): 133 (2013)

*Micranthus thereianthoides* Goldblatt & J.C.Manning, Bothalia 43(2): 134 (2013)

### **MONTBRETIA DC.**

*Montbretia concolor* (Sweet) Voigt, Hort. Suburb. Calcutt.: 611 (1845) = *Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)

*Montbretia rocheana* (Ker Gawl.) Heynh., Alph. Aufz. Gew.: 418 (1847), orth. var. pro 'rochensis' = *Ixia bellendenii* R.C.Foster, Contr. Gray Herb. 114: 47 (1936)

*Montbretia tenuiflora* (Vahl) Voigt, Hort. Suburb. Calcutt.: 611 (1845) = *Ixia paniculata* D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)

### **MORAEA MILL.**

*Moraea acocksii* Goldblatt & J.C.Manning; Type: South Africa, Northern Cape, Springbok: 31 mi [±50 km] SW of Springbok, granite hills, 25 Sept. 1957, Acocks 19584 (NBG, holo.; K, M, PRE, iso.)

*Moraea ciliata* (L.f.) Ker Gawl. subsp. *ciliata*

*Moraea ciliata* (L.f.) Ker Gawl. subsp. *cuprina* Goldblatt & J.C.Manning, S. African J. Bot. 99: 113 (2015); Type: South Africa, Western Cape, Vanrhynsdorp: Koekenaap to coast, Farm Kommandokraal, sandveld vegetation, in sandy depression, 15 Jul. 2013, Manning & Parker 3406 (NBG, holo.)

*Moraea ciliata* (L.f.) Ker Gawl. subsp. *lutescens* Goldblatt & J.C.Manning, S. African J. Bot. 99: 112 (2015); Type: South Africa, Western Cape, Calvinia: 6 km from Klipfonteinrand to Doornbos, 27 Jul. 1974, Nordenstam & Lundgren 1117 (NBG, holo.; MO, S, iso.)

*Moraea doleritica* Goldblatt & J.C.Manning, Bothalia 43(2): 160 (2013)

*Moraea eburnea* Goldblatt & J.C.Manning, Bothalia 43(2): 160 (2013)

*Moraea filamentosa* Goldblatt & J.C.Manning, Bothalia 43(2): 154 (2013)

- Moraea flava* Goldblatt & J.C.Manning, S. African J. Bot. 99: 110 (2015); Type: South Africa. Northern Cape, Sutherland: 57 km south of Sutherland, below Komsberg Pass, sandy valley bottom, 31 Aug. 1993, Goldblatt & Manning 9672A (NBG, holo.; MO, iso.)
- Moraea geminifolia* Goldblatt & J.C.Manning; Type: South Africa, Northern Cape, Springbok: near Nigramoep Mine on private mining company road on low ridge in scattered bush with *O. pruinosa*, 29 Sept. 2013, Goldblatt, Porter & Burger 13945 (NBG, holo.; MO, PRE, iso.)
- Moraea helicoidea* Goldblatt & J.C.Manning, S. African J. Bot. 99: 70 (2015); Type: South Africa. Western Cape, Worcester: Farm Droogeriviersberg, SE of Worcester, in Breede Shale Renosterveld. 500 m, 14 Sep. 2014, J. Manning & A. le Roux 1172 (NBG, holo.; K, MO, iso.)
- Moraea lazulina* Goldblatt & J.C.Manning, Bothalia 43(2): 158 (2013)
- Moraea orthrosantha* Goldblatt & J.C.Manning, Bothalia - ABC 44 (1): 1-4 (2014)
- Moraea papilionacea* (L.f.) Ker Gawl. subsp. *glabrescens* Goldblatt & J.C.Manning, S. African J. Bot. 99: 73 (2015); Type: South Africa. Western Cape, Wuppertal: Cedarberg, top of Cedarberg Pass, Driehoeks R. Valley, along seeps and streams, 28 Sep. 1981, Goldblatt 6408 (NBG, holo.; K, MO, iso.)
- Moraea papilionacea* (L.f.) Ker Gawl. subsp. *papilionacea*
- Moraea petricola* Goldblatt & J.C.Manning, Bothalia 43(2): 158 (2013)
- Moraea quartzicola* Goldblatt & J.C.Manning; Type: South Africa, Western Cape, Vanrhynsdorp: low hills near Grootdrif west of Vanrhyns Pass, among quartzite tones, 9 Oct. 2013, Goldblatt & Porter 13989 (NBG, holo.; K, MO, PRE, iso.)
- Moraea singularis* Goldblatt & J.C.Manning, Bothalia 43(2): 154 (2013)
- Moraea striata* Goldblatt & J.C.Manning, Bothalia 43(2): 153 (2013)
- Moraea teretifolia* Goldblatt & J.C.Manning; Type: South Africa, Northern Cape, Vioolsdrif: Richtersveld, slopes of Ploegberg, 27 Oct. 2008, Nicholson s.n. (NBG, holo., with photograph)
- Moraea tricuspida* (L.f.) G.J.Lewis subsp. *cornifera* (Goldblatt) Goldblatt & J.C.Manning, S. African J. Bot. 99: 72 (2015); Type: South Africa. Eastern Cape. Grahamstown (3326): Atherstone, (-DA), without date, Jacot-Guillarmod 6706 (GRA, holo.; GRA, iso.)
- Moraea tricuspida* (L.f.) G.J.Lewis subsp. *parviflora* Goldblatt & J.C.Manning, S. African J. Bot. 99: 70 (2015); Type: South Africa. Western Cape, Clanwilliam; Piketberg, southern end of plateau, burned sandstone slope, 9 Oct. 2014, Goldblatt & Porter 14064 (NBG, holo.; K, MO, PRE, iso.)
- Moraea tricuspida* (L.f.) G.J.Lewis subsp. *tricuspida*

## **MORPHIXIA KER GAWL.**

- Morphixia capillaris* (L.f.) Ker Gawl. var. *incarnata* (Jacq.) Baker, J. Linn. Soc., Bot. 16: 97 (1877) = *Ixia latifolia* D.Delaroche, Pl. Nov.: 22 (1766)
- Morphixia versicolor* (Andrews) Klatt, Abh. Naturf. Ges. Halle 15: 385 (1882) = *Ixia monadelpha* D.Delaroche, Descr. Pl. Aliq. Nov.: 22 (1766), orth.var. 'monadelphia' sensu Burm.f.

## **PSILOSIPHON GOLDBLATT & J.C.MANNING**

- Psilosiphon bainesii* (Baker) Goldblatt & J.C.Manning, Strelitzia 35: 130 (2015)
- Psilosiphon masukuensis* (Vaupeul & Schltr.) Goldblatt & J.C.Manning, Strelitzia 35: 126 (2015)
- Psilosiphon sandersonii* (Baker) Goldblatt & J.C.Manning, Strelitzia 35: 109 (2015)
- Psilosiphon sandersonii* (Baker) Goldblatt & J.C.Manning subsp. *limpopoensis* Goldblatt & J.C.Manning, Strelitzia 35: 114 (2015)
- Psilosiphon sandersonii* (Baker) Goldblatt & J.C.Manning subsp. *sandersonii*, Strelitzia 35: 113 (2015)

## **ROMULEA MARATTI**

- Romulea alticola* J.C.Manning & Goldblatt; Type: South Africa, Western Cape, Jonkershoek, lower slopes, Oct. 1967, Kerfoot 6010 (NBG, holo.; PRE, iso.)

*Romulea monophylla* J.C.Manning & Goldblatt; Type: South Africa, Western Cape, Cedarberg, 4 km before Farm Sederberg, fynbos on sand, 12 Aug. 1986, C.M. van Wyk 2539 (PRE, holo.).

## **SCHIZORHIZA GOLDBLATT & J.C.MANNING**

*Schizorhiza neglecta* (Goldblatt) Goldblatt & J.C.Manning, *Strelitzia* 35: 104 (2015)

## **SISYRINCHIUM L.**

*Sisyrrinchium angustifolium* Mill., *Gard. Dict.* (ed. 8) no. 2 (1768)

## **SPARAXIS KER GAWL.**

*Sparaxis calcicola* Goldblatt & J.C.Manning, *Strelitzia* 32: (2013)

## **TRITONIA KER GAWL.**

*Tritonia capensis* (Houtt.) Ker Gawl., *Bot. Mag.* 17: t. 618 (1803) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Tritonia concolor* Sweet, *Hort. Brit.* [Sweet]: 398 (1826); Type: South Africa, without precise locality or collector, illustration in Ker Gawler in Curtis's *Botanical Magazine* 37: t. 1502, var. 'gamma', corolla ochroleuca concolor (1812) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Tritonia latifolia* (D.Delaroche) N.E.Br., *Bull. Misc. Inform. Kew* 1929(4): 135 (1929) = *Ixia latifolia* D.Delaroche, *Pl. Nov.*: 22 (1766)

*Tritonia longiflora* (P.J.Bergius) Ker Gawl., *Ann. Bot.* [König & Sims]. 1(2): 228 (1804) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Tritonia paniculata* (D.Delaroche) Klatt, *Abh. Naturf. Ges. Halle* 15: 358 (1882) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Tritonia rocheana* Sweet, *Hort. Brit.* [Sweet]: 398 (1826), orth.var. = *Ixia bellendenii* R.C.Foster, *Contr. Gray Herb.* 114: 47 (1936)

*Tritonia rochensis* Ker Gawl., *Bot. Mag.* 37: t. 1503 (1812) = *Ixia bellendenii* R.C.Foster, *Contr. Gray Herb.* 114: 47 (1936)

*Tritonia scillaris* var. *stricta* (Eckl. ex Klatt) Baker, *Handb. Irid.*: 191 (1892) = *Ixia stricta* (Eckl. ex Klatt) G.J.Lewis, *J. S. African Bot.* 28: 167 (1962)

*Tritonia tenuiflora* (Vahl) Ker Gawl., *Bot. Mag.* 31: sub t. 1275 (1810) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Tritonia thunbergii* N.E.Br., *Bull. Misc. Inform. Kew* 1929(4): 137 (1929), nom.nov. pro *Ixia crispa* sensu G.J. Lewis = *Ixia erubescens* Goldblatt, *J. S. African Bot.* 37(3): 233 (1971), nom.nov. pro *Ixia crispa* L.f. (1782)

## **TRITONIOPSIS L.BOLUS**

*Tritoniopsis cinnamomea* J.C.Manning & Goldblatt, *S. Afr. J. Bot.* 102: 128 (2016); Type: South Africa, Western Cape, Clanwilliam: Piketberg, plateau at SW foot of Zebrakop, seasonal wetland in low restio veld, 24 Dec 2014, J.C. Manning 3489 (NBG, holo.; MO, iso.)

## **TRITONIXIA KLATT**

*Tritonixia scillaris* (L.) Klatt, *Abh. Naturf. Ges. Halle* 15: 357 (1882) = *Ixia scillaris* L., *Sp. Pl.*, ed. 2. 1: 52 (1762)

*Tritonixia stricta* Eckl. ex Klatt, *Abh. Naturf. Ges. Halle* 15: 357 (1882) = *Ixia stricta* (Eckl. ex Klatt) G.J.Lewis, *J. S. African Bot.* 28: 167 (1962)

## **WAITZIA RCHB.**

*Waitzia capensis* (Houtt.) Rchb., *Index Seminum* [Dresden]. 1856: [6] (1856) = *Ixia paniculata* D.Delaroche, *Desc. Pl. Nov.*: 26. t. 1 (1766)

*Waitzia concolor* (Sweet) Heynh., Nomencl. Bot. Hort. 2: 854 (1841) = *Ixia paniculata*

**D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)**

*Waitzia rochensis* (Ker Gawl.) Heynh., Nomencl. Bot. Hort.: 855 (1841) = *Ixia bellendenii*

**R.C.Foster, Contr. Gray Herb. 114: 47 (1936)**

*Waitzia tenuiflora* (Vahl) Heynh., Nomencl. Bot. Hort. 2: 855 (1841) = *Ixia paniculata*

**D.Delaroche, Desc. Pl. Nov.: 26. t. 1 (1766)**

## **WATSONIA MILL.**

*Watsonia campanulata* Klatt, Abh. Naturf. Ges. Halle 15: 354 (1882); Type: South Africa,

without precise locality or collector, illustration in Bot. Repos. 3: t. 196 'I. maculata' (1801) =  
*Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762)

## **WUERTHIA REGEL**

*Wuerthia elegans* Regel, Bot. Zeitung (Berlin) 9: 596 (1851); Type: South Africa, without precise

locality or collector, illustration in Gartenfl. 1: 46, f. 2 (1853) = *Ixia polystachya* L., Sp. Pl.,  
ed. 2. 1: 51 (1762)

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# **ISOETACEAE**

## **ISOETES L.**

*Isoetes aemulans* J.P.Roux, Bothalia 43(2): 218 (2013)

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# **KEWACEAE**

## **KEWA CHRISTENH.**

*Kewa angrae-pequenae* (Friedrich) Christenh., Phytotaxa 181 (4): 241 (2014)

*Kewa arenicola* (Sond.) Christenh., Phytotaxa 181 (4): 241 (2014)

*Kewa bowkeriana* (Sond.) Christenh., Phytotaxa 181 (4): 241 (2014)

*Kewa salsoloides* (Burch.) Christenh., Phytotaxa 181 (4): 241 (2014)

*Kewa trachysperma* (Adamson) Christenh., Phytotaxa 181 (4): 241 (2014)

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# **LAMIACEAE**

## **CANTINOA HARLEY & J.F.B.PASTORE**

*Cantinoa americana* (Aubl.) Harley & J.F.B.Pastore, Phytotaxa 58: 9 (2012)

*Cantinoa mutabilis* (Rich.) Harley & J.F.B.Pastore, Phytotaxa 58: 10 (2012)

## **CLERODENDRUM L.**

*Clerodendrum hirsutum* (Hochst.) H.Pearson var. *ciliatum* H.Pearson, Fl. Cap. (Harvey) 5(1.1):  
221 (1901); Type from South Africa, KwaZulu-Natal = *Rothea hirsuta* (Hochst.) R.Fern.,  
**Kew Bull. 55(1): 148 (2000)**

*Clerodendrum natalense* Gürke, Bot. Jahrb. Syst. 18(1-2): 183 (1893); Type from South Africa,  
KwaZulu-Natal = *Rothea hirsuta* (Hochst.) R.Fern. forma *triphylla* (Harv.) Fernald, **Kew  
Bull. 55(1): 149 (2000)**

*Clerodendrum triphyllum* (Harv.) H.Pearson forma *hirsutum* (Hochst.) R.Fern., Mem. Soc. Brot.  
30: 104 (1998), incorrect name = *Rothea hirsuta* (Hochst.) R.Fern., **Kew Bull. 55(1): 148  
(2000)**

*Clerodendrum triphyllum* (Harv.) H.Pearson var. *ciliatum* (H.Pearson) Moldenke, Phytologia 5: 8  
(1954) = *Rothea hirsuta* (Hochst.) R.Fern., **Kew Bull. 55(1): 148 (2000)**

*Clerodendrum triphyllum* Hiern ex S.Moore forma *angustissimum* Moldenke, Phytologia 32(1): 46  
(1975); Type from South Africa = *Rothea hirsuta* (Hochst.) R.Fern. forma *triphylla* (Harv.)  
Fernald, **Kew Bull. 55(1): 149 (2000)**

*Clerodendrum triphyllum* Hiern ex S.Moore var. *vernum* B.Thomas, Bot. Jahrb. Syst. 68: 80 (1936), nom.inval.; Type from South Africa, Gauteng = *Rothea hirsuta* (Hochst.) R.Fern. forma *triphylla* (Harv.) Fernald, Kew Bull. 55(1): 149 (2000)

### **ISODON (SCHRAD. EX BENTH.) SPACH**

*Isodon calycinus* (Benth.) H.W.Li, J. Arnold Arbor. 69: 293 (1988) = *Rabdosiella calycina* (Benth.) Codd

### **KALAHARIA BAILL.**

*Kalaharia spinipes* Baill., Hist. Pl. (Baillon) 11: 111 (1891); Type from South Africa = *Kalaharia uncinata* (Schinz) Moldenke, Phytologia 5: 132 (1955)

### **LEONOTIS (PERS.) R.BR.**

*Leonotis pentadentata* J.C.Manning & Goldblatt, Bothalia 43(2): 222 (2013)

### **MESOSPHAERUM P.BROWNE**

*Mesosphaerum pectinatum* (L.) Kuntze

### **OCIMUM L.**

*Ocimum x africanum* Lour., Fl. Cochinch.: 370 (1790)

*Ocimum americanum* L.

*Ocimum gratissimum* L.

### **ORTHOSIPHON BENTH.**

*Orthosiphon thymiflorus* (Roth) Sleseen, Reinwardtia 5: 42 (1959)

### **PLECTRANTHUS L'HÉR.**

*Plectranthus montanus* Benth., Pl. Asiat. Rar. (Wallich) 2: 17 (1830); Type: India, Deccan Peninsula, Wight in Wall. Cat. 2747B (K-Herb.Benth., lecto.; K-W, isolecto.) Lectotype designated by Suddee & Paton, Kew Bulletin 59: 315-318 (2004).

### **RABDOSIELLA CODD**

*Rabdosiella leemannii* N.Hahn

### **ROTHECA RAF.**

*Rothea myricoides* (Hochst.) Steane & Mabb. subsp. *myricoides* var. *myricoides*

*Rothea suffuticosa* (Gürke) Verdc., Kew Bull. 55(1): 153 (2000); Type: Tanzania, S Uluguru Mts, Goetze 191 (B, holo.†)

*Rothea wildii* (Moldenke) R.Fern. forma *glabra* (R.Fern.) R.Fern., Kew Bull. 55(1): 154 (2000); Type: Mozambique, Manica e Sofala, Nhandue, Georges Le Testu 834 (P, holo.; BM, iso.)

### **SIPHONANTHUS L.**

*Siphonanthus myricoides* (Hochst.) Hiern, Cat. Afr. Pl. (Hiern) 1: 844 (1900) = *Rothea myricoides* (Hochst.) Steane & Mabb., Novon 8(2): 205 (1998)

*Siphonanthus triphyllum* Hiern ex S.Moore, J. Bot. 41: 405 (1903), as 'triphylla' = *Rothea hirsuta* (Hochst.) R.Fern. forma *triphylla* (Harv.) Fernald, Kew Bull. 55(1): 149 (2000)

### **SPIRONEMA HOCHST.**

*Spironema myricoides* Hochst., Flora 25(1): 226 (1842) = *Rothea myricoides* (Hochst.) Steane & Mabb., Novon 8(2): 205 (1998)

## **THORNCROFTIA N.E.BR.**

*Thorncroftia greenii* Changwe & K.Balkwill, Fl. Pl. Africa 61: 112 (2009); Type: South Africa, KwaZulu-Natal, Ngotshe District, about 30 km west of Louwsburg on the road to Bivane Dam (formerly Paris Dam), Balkwill, Changwe & Green 12202 (J, holo.; K, PRE, iso.)

## **VITEX L.**

*Vitex mooiensis* H.Pearson var. *rudolphii* H.Pearson, Hooker's Icon. Pl. 28: t. 2705 (1901) = *Premna mooiensis* (H.Pearson) W.Piep.

## **VOLKAMERIA L.**

*Volkameria glabra* (E.Mey.) Mabb. & Y.W.Yuan, Taxon 59(1): 132 (2010)

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# **LEUCOBRYACEAE**

## **CAMPYLOPUS BRID.**

*Campylopus pseudojulaceus* Sim, Trans. Roy. Soc. South Africa 15: 169 (1926), non Mull.Hal. (1898) = *Campylopus pilifer* Brid. var. *simii* (Schelpe) J.-P.Frahm & Hedd., Trop. Bryol. 25: 113 (2004)

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# **LILIACEAE**

## **ORCHIASTRUM LEM.**

*Orchiastrum aitonii* Lem., Ill. Hort. 2(Misc.): 100 (1855); Type: South Africa, Cape, precise locality and collector unknown, Curtis's Botanical Magazine 21: t.854 (1805) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 117 (2012). = *Lachenalia orchioides* (L.) Aiton subsp. *orchioides*

*Orchiastrum glaucinum* (Jacq.) Lem., Ill. Hort. 2(Misc.): 100 (1855) = *Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, Genus Lachenalia: 118 (2012)

*Orchiastrum mutabile* (Lodd. ex Sweet) Lem., Ill. Hort. 2: 100 (1855) = *Lachenalia mutabilis* Lodd. ex Sweet, Hort. Brit. [Sweet]: 420 (1826)

*Orchiastrum pallida* (Aiton) Lem., Ill. Hort. 2: 100 (1855) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)

*Orchiastrum virentiflavum* Lem., Ill. Hort. 2(Misc.): 100 (1855); Type: South Africa, Cape, precise locality and collector unknown, Curtis's Botanical Magazine 31: t.1269 (1810) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 117 (2012). = *Lachenalia orchioides* (L.) Aiton subsp. *orchioides*

## **SCILLOPSIS LEM.**

*Scillopsis anguinea* Sweet, Ill. Hort. 3: 34 (1856) = *Lachenalia anguinea* Sweet, Hort. Brit. [Sweet]: 420 (1826)

*Scillopsis angustifolia* (Jacq.) Lem., Ill. Hort. 3: 33 (1856) = *Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)

*Scillopsis bifolia* (Ker Gawl.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia rosea* Andrews, Bot. Repos.: t. 296 (1803)

*Scillopsis contanimata* (Aiton) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)

*Scillopsis fragrans* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)

*Scillopsis hyacinthoides* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia contaminata* Aiton, Hort. Kew. [W. Aiton] 1: 461 (1789)

*Scillopsis isopetala* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia isopetala* Jacq., Coll. Suppl. 5: 68 (1797)

- Scillopsis liliiflora* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia liliiflora* Jacq., Coll. Suppl. 5: 66 (1797), sphalm 'liliiflora'
- Scillopsis lucida* (Ker Gawl.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Scillopsis mediana* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia mediana* Jacq., Coll. 3: 242 (1790)
- Scillopsis nervosa* (Ker Gawl.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia nervosa* Ker Gawl., Bot. Mag. 36: t. 1497 (1812)
- Scillopsis orthopetala* (Jacq.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia orthopetala* Jacq., Coll. 3: 240 (1790)
- Scillopsis patula* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia patula* Jacq., Coll. 4: 149 (1791)
- Scillopsis purpurea* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Scillopsis purpureo-caerulea* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia purpureo-caerulea* Jacq., Coll. Suppl. 5: 63 (1797), sphalm 'purpurocaerulea'
- Scillopsis pustulata* (Jacq.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Scillopsis racemosa* (Ker Gawl.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Scillopsis rosea* (Andrews) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia rosea* Andrews, Bot. Repos.: t. 296 (1803)
- Scillopsis unicolor* (Jacq.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789)
- Scillopsis unifolia* (Jacq.) Lem., Ill. Hort. 3: 34 (1856) = *Lachenalia unifolia* Jacq., Pl. Rar. Hort. Schoenbr. 1: 43 (1797)
- Scillopsis violacea* (Jacq.) Lem., Ill. Hort. 3: 35 (1856) = *Lachenalia violacea* Jacq., Coll. 4: 147 (1791)

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## LINDERNIACEAE

### LINDERNIELLA EB.FISCH. & KAI MÜLL.

- Linderniella bolusii* (Hiern) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)
- Linderniella nana* (Engl.) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)
- Linderniella pulchella* (Skan) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)
- Linderniella wilmsii* (Engl. ex Diels) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 228 (2013)

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## LOBELIACEAE

### CYPHIA P.J.BERGIUS

- Cyphia polydactyla* C.Presl, Comm. Pl. Afr. Austr. (Meyer): 296 (1838)

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## MALVACEAE

### ADANSONIA L.

- Adansonia kilima* Pettigrew, K.L.Bell, Bhagw., Grinan, Jillani, Jean Mey., Wabuye & C.E.Vickers, Taxon 61(6): 1248 (2012); Type: South Africa, Limpopo, on south side of road between Tshkuwi and Tshituni, 16 km east of the N1 highway, 12 Nov 2009, Pettigrew & Callistemon 1 (PRE0857831-0, holo.) = *Adansonia digitata* L., Syst. Nat., ed. 10. 2: 1144, 1382 (1759)

## **HERMANNIA L.**

*Hermannia nana* (Eckl. & Zeyh.) Hochr., Annuaire Conserv. Jard. Bot. Genève 11 & 12: 3 (1907)

## **LAGUNARIA (DC.) RCHB.**

*Lagunaria patersonia* (Andrews) G.Don, Gen. Hist. 1: 485 (1831)

## **MALVA L.**

*Malva arborea* (L.) Webb & Berthel., Hist. Nat. Iles Canaries (Phytogr.) I: 30 (1836)

*Malva dendromorpha* M.F.Ray = *Malva arborea* (L.) Webb & Berthel., Hist. Nat. Iles Canaries (Phytogr.) I: 30 (1836)

*Malva multiflora* (Cav.) Soldano, Banfi & Gallaso

*Malva pseudolavatera* M.F.Ray = *Malva multiflora* (Cav.) Soldano, Banfi & Gallaso

## **MALVA VISCUS ADANS.**

*Malvaviscus penduliflorus* Sessé & Moç. ex DC., Prodr. [A. P. de Candolle] 1: 445 (1824)

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## **MARATTIACEAE**

### **PTISANA MURDOCK**

*Ptisana fraxinea* (Sm.) Murdock

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## **MARSILEACEAE**

### **MARSILEA L.**

*Marsilea farinosa* Launert

*Marsilea minuta* L.

*Marsilea mutica* Mett., Ann. Sci. Nat., Bot. sér. 4, 15: 88 (1861)

*Marsilea nubica* A.Braun

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## **MELASTOMATACEAE**

### **HETEROCENTRON HOOK. & ARN.**

*Heterocentron subtriplinervium* (Link & Otto) A.Braun & C.D.Bouché, Index Sem. (Berlin) App.: 14 (1851)

### **MELASTOMA L.**

*Melastoma malabathricum* L., Sp. Pl. 1: 390 (1753)

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## **MEMECYLACEAE**

### **WARNECKEA GILG**

*Warneckea parvifolia* R.D.Stone & Ntetha, S. Afr. J. Bot. 88: 320. (2013)

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## **MENISPERMACEAE**

### **TINOSPORA MIERS**

*Tinospora fragosa* (I.Verd.) I.Verd. & Troupin subsp. *fragosa*

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## **MENYANTHACEAE**

### **NYMPHOIDES SÉG.**

*Nymphoides peltata* (S.G.Gmel.) Kuntze, Revis. Gen. Pl. 2: 429 (1891)



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## MOLLUGINACEAE

### **GLINUS L.**

*Glinus trianthemoides* B.Heyne, in Roth, Nov. Pl. Sp.: 231 (1821); Type: India, Heyne s.n. (B†, holo.) = *Corbichonia decumbens* (Forssk.) Exell, **J. Bot. 73: 80 (1935)**

### **HYPERTELIS E.MEY. EX FENZL**

*Hypertelis cerviana* (L.) Thulin, Taxon 65(4): 787 (2016); Type: Russia, "Habitat in Sibiria", Ammann in Herb. Linn. 387.1 (LINN, lecto.) Lectotype designated by Adamson, J. S. Afr. Bot. 24: 14 (1957).

*Hypertelis longifolia* Gand., Bull. Soc. Bot. France 59: 708 (1913); Type: South Africa, "Cap. ad Stellensboch", Apr 1904, Bonomi s.n. (LY, holo.) = *Pharnaceum lineare* L.f., **Suppl. Pl.: 185 (1782)**

*Hypertelis umbellata* (Forssk.) Thulin, Taxon 65(4): 787 (2016); Type: Yemen, "Lohajae", Jan. 1763, Forsskal s.n., Herb Forsskal 1567 (C10002759, lecto.; S no. 05-5455, isolecto.) Lectotype designated by Thulin et al., Taxon 65(4): 787 (2016).

*Hypertelis verrucosa* (Eckl. & Zeyh.) Fenzl, Ann. Wiener Mus. Naturgesch. 2: 262 (1839) = *Kewa salsoloides* (Burch.) Christenh., **Phytotaxa 181 (4): 241 (2014)**

### **MOLLUGO L.**

*Mollugo spathulifolia* (Fenzl) Dinter, Repert. Spec. Nov. Regni Veg. 19: 236 (1923) = *Hypertelis umbellata* (Forssk.) Thulin, **Taxon 65(4): 787 (2016)**

*Mollugo umbellata* (Forssk.) Ser., Prodr. [A. P. de Candolle] 1: 393 (1824) = *Hypertelis umbellata* (Forssk.) Thulin, **Taxon 65(4): 787 (2016)**

### **PARAMOLLUGO THULIN**

*Paramollugo nudicaulis* (Lam.) Thulin, Taxon 65(4): 786 (2016)

### **PHARNACEUM L.**

*Pharnaceum cervianum* L., Sp. Pl. 1: 272 (1753) = *Hypertelis cerviana* (L.) Thulin, **Taxon 65(4): 787 (2016)**

*Pharnaceum lanuginosum* J.C.Manning & Goldblatt, Strelitzia 9: 715 (2000)

*Pharnaceum namaquense* (Bulus ex Schltr.) Thulin, Taxon 65(4): 789 (2016); Type: South Africa, Namaland Minor, near Nababeep, Sep 1883, Bulus 6641 (BOL128278, lecto.; BOL128279, K000232024, NBG0200323-0, Z-000000215, isolecto.) Lectotype designated by Thulin et al., Taxon 65(4): 789 (2016).

*Pharnaceum quadrangulare* L.f., Suppl. Pl.: 185. (1781) = *Psammotropha quadrangularis* (L.f.) Fenzl var. *quadrangularis*, **Ann. Wiener Mus. Naturgesch. 2: 264 (1838)**

*Pharnaceum umbellatum* Forssk., Fl. Aegypt.-Arab.: 58 (1775) = *Hypertelis umbellata* (Forssk.) Thulin, **Taxon 65(4): 787 (2016)**

### **PSAMMOTROPHA ECKL. & ZEYH.**

*Psammotropha quadrangularis* (L.f.) Fenzl var. *calcarata* Compton, J. S. Afr. Bot. 6: 59. (1940)

*Psammotropha quadrangularis* (L.f.) Fenzl var. *quadrangularis*, Ann. Wiener Mus. Naturgesch. 2: 264 (1838)

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## MYRSINACEAE

### **ARDISIA SW.**

*Ardisia elliptica* Thunb., Nov. Gen. Pl. [Thunberg] 8: 119 (1798)

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## MYRTACEAE

### **CALLISTEMON R.BR.**

*Callistemon rugulosus* (Schltdl. ex Link) DC., Prodr. 3: 223 (1828) = *Melaleuca rugulosa* (Schltdl. ex Link) Craven, Novon 16 (4): 473 (2006)

### **CALOTHAMNUS LABILL.**

*Calothamnus pinifolius* F.Muell., Fragm. (Mueller) 3(23): 153 (1863) = *Melaleuca peucophylla* Craven & R.D.Edwards, Taxon 63: 666 (2014), Replacement name

### **CORYMBIA K.D.HILL & L.A.S.JOHNSON**

*Corymbia citriodora* (Hook.) K.D.Hill & L.A.S.Johnson, Telopea 6(2-3): 388. (1995)  
*Corymbia ficifolia* (F.Muell.) K.D.Hill & L.A.S.Johnson, Telopea 6(2-3): 245 (1995); Type:  
Western Australia: Broken Inlet, Maxwell (MEL, holo.)

### **EUCALYPTUS L'HÉR.**

*Eucalyptus conferruminata* D.J.Carr & S.G.M.Carr, Austral. J. Bot. 28: 535

### **LEPTOSPERMUM J.R.FORST. & G.FORST.**

*Leptospermum continentale* Joy Thomps., Telopea 3(3): 417 (1989)  
*Leptospermum micromyrtus* Miq., Ned. Kruidk. Arch. 4: 145 (1859)  
*Leptospermum squarrosus* Gaertn., Fruct. Sem. Pl. 1: 174 (1788)

### **MELALEUCA L.**

*Melaleuca armillaris* (Sol. ex Gaertn.) Sm. subsp. *armillaris*  
*Melaleuca citrina* (Curtis) Dum.Cours., Combining author spelled as 'Dum.-Cours.' in Brophy et al. 2013.  
*Melaleuca cruenta* Craven & R.D.Edwards, Taxon 63: 665 (2014), Replaced name  
*Melaleuca linearis* Schrad. & J.C.Wendl. var. *linearis*  
*Melaleuca parvistaminea* Byrnes, Austrobaileya 2: 75 (1984)  
*Melaleuca peucophylla* Craven & R.D.Edwards, Taxon 63: 666 (2014), Replacement name  
*Melaleuca quadrifida* (R.Br.) Craven & R.D.Edwards subsp. *quadrifida*, Taxon 63: 667 (2014),  
Autonym established by the combination *M. quadrifida* subsp. *angustifolia* (Ewart) Craven & R.D.Edwards  
*Melaleuca rugulosa* (Schltdl. ex Link) Craven, Novon 16 (4): 473 (2006)  
*Melaleuca salicina* Craven, nom.nov. pro *Callistemon salignus* (Sm.) Sweet  
*Melaleuca subulata* (Cheel) Craven, Novon 16: 473 (2006)  
*Melaleuca viminalis* (Sol. ex Gaertn.) Byrnes subsp. *viminalis*, Austrobaileya 2: 75 (1984)

### **METROSIDEROS BANKS EX GAERTN.**

*Metrosideros tomentosa* A.Rich., Voy. Astrolabe 1: 336 (1832) = *Metrosideros excelsa* Sol. ex Gaertn., Fruct. Sem. Pl. 1: 172. t. 34. f. 8 (1788)

### **SYZYGIVM GAERTN.**

*Syzygium australe* (J.C.Wendl. ex Link) B.Hyland, Austral. J. Bot., Suppl. Ser. 9: 55 (1983)

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## NARTHECIACEAE

### **ALETRIS L.**

*Aletris bifolia* Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 10 (1768); Type: South Africa, Cape, precise locality and collector unknown, figure in J.C. Buxbaum, Plantarum minus cognitarum, Centauria 3: t.19 (1729) (neo.) Neotype designated by Duncan, The Genus

Lachenalia: 155 (2012). = *Lachenalia bulbifera* (Cirillo) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)

*Aletris linguiformis* Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 10 (1768); Type: South Africa, Cape, precise locality and collector unknown, figure in J.C. Buxbaum, Plantarum minus cognitarum, Centauria 3: t. 20 (1729) (lecto.) Lectotype designated by Duncan, The Genus Lachenalia: 160 (2012). = *Lachenalia punctata* Jacq., Coll. 2: 323 (1788)

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## OLEACEAE

### **ENAIMON RAF.**

*Enaimon undulatum* (Aiton) Raf., Sylva Tellur.: 5 (1838) = *Olea capensis* L. subsp. *capensis*

### **FAULIA RAF.**

*Faulia verrucosa* Raf., Fl. Tellur. 2: 84 (1837), Based on *Ligustrum nepalense* var. *glabrum* Hook. = *Olea capensis* L. subsp. *capensis*

### **LEURANTHUS KNOBL.**

*Leuranthus woodianus* (Knobl.) Knobl., Notizbl. Bot. Gart. Berlin-Dahlem 12: 117 (1934) = *Olea woodiana* Knobl. subsp. *woodiana*

### **LIGUSTRUM L.**

*Ligustrum hookeri* Decne., Fl. Serres Jard. Eur. 22: 10 (1877), Based on *Ligustrum nepalense* var. *glabrum* Hook. = *Olea capensis* L. subsp. *capensis*

*Ligustrum nepalense* Wall. var. *glabrum* Hook., Bot. Mag. 56: t. 2921 (1829); Type: cult. Hort. Bot. Glasgow (K, holo.) = *Olea capensis* L. subsp. *capensis*

### **LINOCIERA SW. EX SCHREB.**

*Linociera lebrunii* Staner, Rev. Zool. Bot. Africaines 22: 244 (1932); Type: Uganda, Ruwenzori, Lebrun 4495 (BR, holo.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942)

*Linociera urophylla* Gilg, Bot. Jahrb. Syst. 30: 373 (1901); Type: Tanzania, Goetze 1364 (B, †?, holo.; BM, iso.) = *Olea capensis* L. subsp. *capensis*

### **OLEA L.**

*Olea asiatica* Desf., Tabl. Ecole Bot. (Cat. Hort. Paris ed. 2): 88 (1829), nom.nud. = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942)

*Olea aucheri* A.Chev. ex Ehrend., Osterr. Akad. Wiss. Math.-Naturwiss. Kl., Anz. 97: 156 (1960); Type: Oman, Djebel Akadar, Aucher-Eloy 4918 (WU?, holo.; K, iso.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942)

*Olea buxifolia* Mill., Gard. Dict. ed. 8: Olea No. 5 (1768) = *Olea capensis* L. subsp. *capensis*

*Olea capensis* L. var. *coriacea* Aiton, Hort. Kew. 1: 13 (1789); Type: not traced. = *Olea capensis* L. subsp. *capensis*

*Olea capensis* L. var. *undulata* Aiton, Hort. Kew. 1: 13 (1789); Type: not traced. = *Olea capensis* L. subsp. *capensis*

*Olea cassinifolia* Salisb., Prodr.: 13 (1796), nom.illegit. = *Olea capensis* L. subsp. *capensis*

*Olea chrysophylla* Lam. var. *albida* A.Chev., Rev. Int. Bot. Appl. Agric. Trop. 28: 10, 18, 22, fig. (1948), nom.nud.; Based on Yemen, Defiers 246. = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942)

*Olea chrysophylla* Lam. var. *aucheri* A.Chev., Rev. Bot. Appl. 28: 22 (1948), nom.nud. = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942)

- Olea chrysophylla* Lam. var. *brachybotrys* DC., Prodr. 8: 285 (1844); Type: S Africa, near Mooyplats, Drege (G-DC, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *cuspidata* (Wall. ex G.Don) A.Chev., Rev. Bot. Appl. 28: 18 (1948) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *euchrysophylla* A.Chev., Rev. Bot. Appt. 28: 18 (1948), nom.inval.; Type: Ins. Mauritanica (P, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *ferruginea* (Royle) A.Chev., Rev. Bot. Appl. 28: 18 (1948) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *nubica* (Schweinf. ex Baker) A.Chev., Rev. Bot. Appl. 28: 18 (1948) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *somaliensis* (Baker) A.Chev., Rev. Bot. Appl. 28: 18 (1948) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *subnuda* R.E.Fr., Wiss. Ergebn. Schwed. Rhodesia-Kongo Exped. 1: 258 (1916); Type: Congo (Kinshasa), Kasindi, Fries 1856 (UPS?, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea chrysophylla* Lam. var. *verrucosa* (Willd.) A.Chev., Rev. Bot. Appl. 28: 20 (1948) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea concolor* E.Mey., Comm. Pl. Afr. Austr.: 176 (1837); Type: S Africa, Cape, Drege s.n. (B †?, holo.; K, iso.) = ***Olea capensis* L. subsp. *capensis***
- Olea cuspidata* Wall. ex G.Don, Gen. Syst. 4: 49 (1837); Type: India, Kumoan, Wallich 2817 (K-W, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea europaea* L. subsp. *ferruginea* (Royle) Cif., Olearia 3-4: 115 (1950) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea europaea* L. var. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea europaea* L. var. *nubica* Schweinf. ex Baker, Fl. Trop. Afr. 4 (1): 18 (1902); Type: Sudan, Erkowit Mnt, Schweinfurth 249 (K, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea europaea* L. var. *verrucosa* Willd., Sp. Pl. ed.4, 1: 44 (1797); Type: S Africa, Cape of Good Hope, Thunberg (UPS, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea ferruginea* Royle, Ill. Bot. Himal. Mts.: 267, t. 65 f. 1 (1835); Type: India, banks of Jumma and Sutlej (LIV?, holo.; K, iso.?) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea glabella* Banks ex Lowe, Trans. Cambridge Philos. Soc. 6, 3: 15 (1838), nom.nud. = ***Olea exasperata* Jacq., Pl. Hort. Schoenbr. 3: 1, t. 251 (1798)**
- Olea humilis* Eckl., S. African Quart. J. 1: 370 (1830); Type: on the dunes along the east coast of the Cape, Ecklon (not traced) = ***Olea exasperata* Jacq., Pl. Hort. Schoenbr. 3: 1, t. 251 (1798)**
- Olea indica* Burm.f., Fl. Indica: 6 (1768); Type: 'Java', Kleynhof (G, holo.) = ***Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltore 19 (5): 96 (1942)**
- Olea intermedia* Tausch, Flora 29: 393 (1836); Type: cult. in Hort. Bot. Prag. = ***Olea capensis* L. subsp. *capensis***
- Olea laurifolia* Lam. var. *concolor* (E.Mey.) Harv., Fl. Cap. 4 (1): 487 (1907) = ***Olea capensis* L. subsp. *capensis***
- Olea listeriana* Sim, Rep. Conserv. For. Cape: 98 (1897), nom.nud. = ***Olea woodiana* Knobl. subsp. *woodiana***
- Olea mackenii* Harv., Fl. Cap. 4 (1): 488 (1907); Type: KwaZulu-Natal, Gerrard 380 & 1666 (TCD?, syn.; K, isosyn.) = ***Olea woodiana* Knobl. subsp. *woodiana***

- Olea madagascariensis* Boivin ex H.Perrier, Mem. Inst. Sci. Madagascar, Ser. B, Biol. Veg. 2: 277 (1950); Types: Madagascar, Richard 62, 88 & 623, Boivin 2450, Ursch 149 & Perrier 18888 (P, syn.) and Baron 6410 (P, syn.; K, isosyn.) = *Olea capensis* L. subsp. *macrocarpa* (C.H.Wright) I.Verd., *Bothalia* 6: 590 (1956)
- Olea monticola* Gand., Bull. Soc. Bot. France 65: 58 (1918); Type: Eritrea, Mt. Ira-Nuret, Pappi 910 (LY, holo.?) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea nigra* Loisel., Herb. Gen. Amat. 4: t. 256 (1820) = *Olea capensis* L. subsp. *capensis*
- Olea perrieri* A.Chev. ex H.Perrier, Mem. Inst. Sci. Madagascar, Ser. B, Biol. Veg. 2: 276 (1950); Type: Madagascar, Perrier 2027 (P, holo.) = *Olea capensis* L. subsp. *macrocarpa* (C.H.Wright) I.Verd., *Bothalia* 6: 590 (1956)
- Olea sativa* Hoffmanns. & Link var. *verrucosa* (Willd.) Roem. & Schult., Syst. Pl. 1: 69 (1817) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea schimperi* Gand., Bull. Soc. Bot. France 65: 58 (1918); Type: Ethiopia, Schimper ed. II no. 945 (LY, holo.?.; K, iso.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea similis* Burch., Trav. S. Africa 1: 172 (1822), nom.superfl.; Type: S Africa, Cape of Good Hope, Thunberg (UPS, holo.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea somaliensis* Baker, Fl. Trop. Afr. 4 (1): 18 (1902); Type: Somalia, Hildebrandt 1524 (K, holo.; BM, iso.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea subtrinervata* Chiov., Atti Reale Accad. Italia, Mem. C1. Sci. Fis. 11: 49 (1940); Type: Ethiopia, Ogaden, Mt. Elliot, E. Reghini 49 (FT, holo.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., *L'Olivicoltore* 19 (5): 96 (1942)
- Olea undulata* (Aiton) Jacq., Pl. Hort. Schoenbr. 1: 1, t. 2 (1797) = *Olea capensis* L. subsp. *capensis*
- Olea undulata* (Aiton) Jacq. var. *planifolia* E.Mey., Comm. Pl. Afr. Austr.: 176 (1837); Type: S Africa, Cape, Drege s.n. (B †, holo.) = *Olea capensis* L. subsp. *capensis*
- Olea urophylla* (Gilg) Gilg & Schellenb., Bot.Jahrb. Syst. 51: 75 (1913) = *Olea capensis* L. subsp. *capensis*

## **STEGANTHUS KNOBL.**

- Steganthus urophylla* (Gilg) Knobl., Notizbl. Bot. Gart. Berlin-Dahlem 12: 116 (1934) = *Olea capensis* L. subsp. *capensis*

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## **OLINIACEAE**

### **CREMASTOSTEMON JACQ.**

- Cremaستemon capensis* Jacq., Fragm. Bot.: 68 (1809) = *Olinia capensis* (Jacq.) Klotzsch, Allg. Gartenzeitung (Otto & Dietrich) 4: 27 (1836)

### **OLINIA THUNB.**

- Olinia cymosa* (L.f.) Thunb. var. *acuminata* (Klotzsch) Sond., Fl. Cap. [Harvey & Sonder] 2: 520 (1862) = *Olinia capensis* (Jacq.) Klotzsch, Allg. Gartenzeitung (Otto & Dietrich) 4: 27 (1836)
- Olinia cymosa* (L.f.) Thunb. var. *latifolia* Sond., Fl. Cap. [Harvey & Sonder] 2: 519 (1862), = *O. cymosa* (L.f.) Thunb. = *Olinia ventosa* (L.) Cufod., Oesterr. Bot. Z. 107: 106 (1960)
- Olinia huillensis* Welw. ex A.Fern. & R.Fern., Mem. Junta Invest. Ultramar, 2 Ser. 38: 15 (1962); Type: Angola, Huila region, between Lopollo and Humpata, Welwitsch 991 (LISU, holo.; BM, iso.)

*Olinia huillensis* Welw. ex A.Fern. & R.Fern. subsp. *burttdavii* Sebola, Kew Bull. 64(1): 111 (2009); Type: South Africa, Mpumalanga Province, Graskop distr., The Pinnacle, Sebola 225 (J, holo.; BM, K, PRE, iso.)

*Olinia huillensis* Welw. ex A.Fern. & R.Fern. subsp. *huillensis*

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## ONAGRACEAE

### OENOTHERA L.

*Oenothera lindheimeri* (Engelm. & A.Gray) W.L.Wagner & Hoch, Syst. Bot. Monogr. 83: 213 (2007)

*Oenothera sinuosa* W.L.Wagner & Hoch, Syst. Bot. Monogr. 83: 214 (2007)

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## ORCHIDACEAE

### DISA P.J.BERGIUS

*Disa biflora* (L.) Druce, Bot. Exch. Club Brit. Isles Rep. 3(5): 417 (1914)

*Disa staerkeriana* McMurtry & Bytebier, Phytotaxa 203(2): 192 (2015); Type: South Africa. Mpumalanga: Lydenburg, west of Sabie, Hartebeesvlakte, 2200 m, (2530BA), 25 January 2014, McMurtry 15222 (NU, holo.; BOL, BNRH, HSMC, WAG, iso.)

### GRAPHORKIS THOUARS

*Graphorkis ensata* (Lindl.) Kuntze, Revis. Gen. Pl. 2: 662 (1891) = *Orthochilus ensatus* (Lindl.) Bytebier, Taxon 63(1): 19 (2014)

### MICROCOELIA LINDL.

*Microcoelia aphylla* (Thouars) Summerh., Bull. Misc. Inform. Kew 1936(3): 233 (1936); Type: Mauritius, Thouars (P, holo.)

### ORTHOCHILUS HOCHST. EX A.RICH.

*Orthochilus aculeatus* (L.f.) Bytebier, Taxon 63(1): 18 (2014); Type: South Africa. Cape of Good Hope [Caput Bona Spei], Thunberg 291 (LINN No.1055.2, holo.)

*Orthochilus aculeatus* (L.f.) Bytebier subsp. *aculeatus*

*Orthochilus aculeatus* (L.f.) Bytebier subsp. *huttonii* (Rolfe) Bytebier, Taxon 63(1): 18 (2014); Type: South Africa. Eastern Cape, Katberg, Hutton s.n. (K000410474 [excl. foliis], lecto.) Lectotype designated by Hall, Journal of South African Botany, Suppl. 5: 187 (1965).

*Orthochilus adenoglossus* (Lindl.) Bytebier, Taxon 63(1): 18 (2014); Type: Nigeria. Nupe, 1859, Barter s.n. (K000078602, holo.)

*Orthochilus chloranthus* (Schltr.) Bytebier, Taxon 63(1): 18 (2014); Type: Swaziland. Havelock Concession, Sep 1889, Saltmarshe in herb. Galpin 652 (BOL, lecto.) Lectotype designated by Hall, Linder & Kurzweil, Orchids of South Africa: 392 (1999).

*Orthochilus ensatus* (Lindl.) Bytebier, Taxon 63(1): 19 (2014); Lectotype: South Africa. Cape of Good Hope, Lindley t. 1147 (illustration in Bot. Reg. 14: tab. 1147) Lectotype designated by Hall, Journal of South African Botany, Suppl. 5: 202 (1965).

*Orthochilus foliosus* (Lindl.) Bytebier, Taxon 63(1): 19 (2014)

*Orthochilus leontoglossus* (Rchb.f.) Bytebier, Taxon 63(1): 19 (2014)

*Orthochilus litoralis* (Schltr.) Bytebier, Taxon 63(1): 19 (2014)

*Orthochilus odontoglossus* (Rchb.f.) Bytebier, Taxon 63(1): 19 (2014)

*Orthochilus tabularis* (L.f.) Bytebier, Taxon 63(1): 20 (2014)

*Orthochilus vinosus* (McMurtry & McDonald) Bytebier, Taxon 63(1): 20 (2014)

### SATYRIUM SW.

*Satyrium liltvedianum* Niet, S. Afr. J. Bot. 111: (2017)

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## OROBANCHACEAE

### **CYCNIMUM E.MEY. EX BENTH.**

*Cycnium adonense* E.Mey. ex Benth. subsp. *adonense*

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## ORTHOTRICHACEAE

### **LEWINSKYA F.LARA, GARILLETI & GOFFINET**

*Lewinskya armata* (Lewinsky & Van Rooy) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 374 (2016)

*Lewinskya firma* (Venturi) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 375 (2016)

*Lewinskya incurvomarginata* (Lewinsky & Van Rooy) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 376 (2016)

*Lewinskya rupestris* (Schleich.) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 377 (2016)

### **MACROMITRIUM BRID.**

*Macromitrium sulcatum* (Hook.) Brid., Bryol. Univ. 1: 319 (1826)

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## OXALIDACEAE

### **OXALIS L.**

*Oxalis callosa* R.Knuth var. *callosa*

*Oxalis callosa* R.Knuth var. *minor* T.M.Salter

*Oxalis compressa* L.f.

*Oxalis flava* L. var. *unifoliolata* Dreyer & Oberl.

*Oxalis flaviuscula* T.M.Salter var. *flaviuscula*

*Oxalis flaviuscula* T.M.Salter var. *longifolia* T.M.Salter

*Oxalis fragilis* T.M.Salter var. *fragilis*

*Oxalis fragilis* T.M.Salter var. *pellucida* T.M.Salter

*Oxalis lanata* L.f., Suppl. Pl. 244 (1782)

*Oxalis multicaulis* Eckl. & Zeyh. var. *multicaulis*

*Oxalis multicaulis* Eckl. & Zeyh. var. *stolonifera* T.M.Salter

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## PAPAVERACEAE

### **ARGEMONE L.**

*Argemone albiflora* Hornem. subsp. *texana* G.B.Ownbey, Mem. Torrey Bot. Club 21(1): 141 (1958)

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## PASSIFLORACEAE

### **PASSIFLORA L.**

*Passiflora tripartita* Breiter var. *mollissima* (Kunth) Holm-Niels. & P.Jørg., Fl. Ecuador 31(126): 80 (1988)

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## PEDALIACEAE

### **PTERODISCUS HOOK.**

*Pterodiscus cinnabarinus* Peckover, Aloe 52(1): 11 (2016); Type: South Africa, Limpopo, Tzaneen, Eiland Spa, 13 December 2012, Peckover 288 (PRU, holo.)

*Pterodiscus makatiniensis* Peckover, Aloe 52(1): 10 (2016); Type: South Africa, KwaZulu-Natal, Balamhlanga Pan, 6 December 1944, Peckover 228 (PRU, holo.)

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## PHYLLANTHACEAE

### **LACHNOSTYLIS TURCZ.**

*Lachnostylis hanekomii* R.H.Archer & J.C.Manning, *Strelitzia* 29: 813 (2012)

### **PHYLLANTHUS L.**

*Phyllanthus polyspermus* Schumach., *Beskr. Guin. Pl.*: 416 (1827)

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## PILOTRICHACEAE

### **THAMNIOPSIS (MITT.) M.FLEISCH.**

*Thamniopsis utacamundiana* (Mont.) W.R.Buck, *Brittonia* 39: 219 (1987)

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## PITTOSPORACEAE

### **BILLARDIERA SM.**

*Billardiera heterophylla* Lindl., *Austral. Syst. Bot.* 17: 119 (2004)

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## POACEAE

### **CYNODON RICH.**

*Cynodon hirsutus* Stent var. *hirsutus*

### **PENTAMERIS P.BEAUV.**

*Pentameris barbata* (Nees) Steud.

### **SASA MAKINO & SHIBATA**

*Sasa ramosa* Makino & Shibata, *Bot. Mag. (Tokyo)* 25: 24

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## POLYGALACEAE

### **POLYGALA L.**

*Polygala retiefianum* Paiva & Figueiredo, *Phytotaxa* 117(1): 31 (2013); Type: South Africa. Free State: Harrismith District, Berg Manyenyeza op die plaas [on the farm] Rensburgskop, 17 January 1977, Jacobsz 347 (PRE, holo.)

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## POLYGONACEAE

### **PERSICARIA MILL.**

*Persicaria madagascariensis* (Meisn.) S.Ortiz & Paiva, *Bot. J. Linn. Soc.* 131(2): 172 (1999);

Type: Madagascar, Commerson (P-LA, holo.)

*Persicaria wallichii* Greuter & Burdet, *Willdenowia* 19: 41 (1989)

### **POLYGONUM L.**

*Polygonum poiretii* Meisn. var. *madagascariensis* Meisn., *Monogr. Polyg.*: 79 (1826) =

*Persicaria madagascariensis* (Meisn.) S.Ortiz & Paiva, *Bot. J. Linn. Soc.* 131(2): 172 (1999)

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## POLYPODIACEAE

### **PYRROSIA MIRB.**

*Pyrrosia schimperiana* (Mett. ex Kuhn) Alston



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## PORTULACACEAE

### **CLAYTONIA L.**

*Claytonia portulacaria* (L.) L., Mant. Pl. Altera: 211 (1771) = *Portulacaria afra* Jacq., Coll. 1: 160. t. 22 (1787)

### **PORTULACA L.**

*Portulaca decumbens* (Forssk.) Vahl, Symb. Bot. (Vahl) 1: 33 (1790) = *Corbichonia decumbens* (Forssk.) Exell, J. Bot. 73: 80 (1935)

*Portulaca fruticosa* Thunb., Prodr. Pl. Cap. 2: 85 (1800), non L. (1759); Type: not designated = *Portulacaria afra* Jacq., Coll. 1: 160. t. 22 (1787)

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## POTTIACEAE

### **TORTULA HEDW.**

*Tortula splachnoides* (Hornsch.) R.H.Zander, Bull. Buffalo Soc. Nat. Sci. 32: 226 (1993)

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## PTERIDACEAE

### **ACTINIOPTERIS LINK**

*Actiniopteris dimorpha* Pic.Serm., Webbia 17: 18 (1962)

### **CHEILANTHES SW.**

*Cheilanthes buchananii* (Baker) Domin, Bibl. Bot. 85: 133 nota (1913)

*Cheilanthes deltoidea* Kunze

*Cheilanthes multifida* (Sw.) Sw.

### **DORYOPTERIS J.SM.**

*Doryopteris pilosa* (Poir.) Kuhn

### **PELLAEA LINK**

*Pellaea dura* (Willd.) Hook.

### **PTERIS L.**

*Pteris catoptera* Kunze

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## RANUNCULACEAE

### **ADONIS L.**

*Adonis filia* L.f., Suppl. Sp. Pl.: 271 (1781) = *Anemone filia* (L.f.) J.C.Manning & Goldblatt subsp. *filia*, Bothalia 39(2): 218 (2009)

*Adonis vesicatoria* L.f., Suppl. Pl.: 272 (1782) = *Anemone vesicatoria* (L.f.) Prantl subsp. *vesicatoria*, Bothalia 39: 218 (2009)

### **ANAMENIA VENT.**

*Anamenia capensis* (L.f.) Hoffmanns., Verz. Pfl.-Kult.: 204 (1824) = *Anemone knowltonia* Burt Davy, Bothalia 39: 218 (2009)

*Anamenia gracilis* Vent., Malm. 1: 22 (1803); Type: South Africa, without precise locality or date, Herb. Jussieu 10575 (P-JU, lecto.) Designated by Rasmussen 53: 16 (1979). = *Anemone knowltonia* Burt Davy, Bothalia 39: 218 (2009)

## **ANEMONE L.**

- Anemone alchemillifolia* E.Mey. ex Pritz., *Linnaea* 15: 614 (1842), as 'alchemilaefolia', nom.superfl. = ***Anemone caffra* (Eckl. & Zeyh.) Harv., *Thesaurus capensis* 1: 5 (1859)**
- Anemone alchemillifolia* E.Mey. ex Pritz. var. *caffra* (Eckl. & Zeyh.) Huth, *Bull. Herb. Boissier* 4: 423 (1896) = ***Anemone caffra* (Eckl. & Zeyh.) Harv., *Thesaurus capensis* 1: 5 (1859)**
- Anemone alchemillifolia* E.Mey. ex Pritz. var. *grandiflora* Huth, *Bull. Herb. Boissier* 4: 423 (1896); Type: [Eastern Cape], eBazaja [Bazija], near forests and elsewhere, without date, R. Baur s.n. (SAM, lecto.). Designated by Manning & Goldblatt, *Bothalia* 43: 3 (2013). = ***Anemone caffra* (Eckl. & Zeyh.) Harv., *Thesaurus capensis* 1: 5 (1859)**
- Anemone alchemillifolia* E.Mey. ex Pritz. var. *schlechteriana* Huth, *Bull. Herb. Boissier* 4: 423 (1896); Type: [Eastern Cape], 'In graminosis mont Insiswa [Ntsizwa]', 28 Jan. 1895, R. Schlechter (BOL, lecto.). Designated by Manning & Goldblatt, *Bothalia* 43: 3 (2013). = ***Anemone caffra* (Eckl. & Zeyh.) Harv., *Thesaurus capensis* 1: 5 (1859)**
- Anemone anemonoides* (H.Rasm.) J.C.Manning & Goldblatt, *Bothalia* 39: 218 (2009); Type: South Africa, [Western Cape], Jonkershoek, 7 November 1943, Compton 15342 (NBG, holo.; K, PRE. iso.).**
- Anemone arborea* Steud., *Nomencl. Bot. [Steudel]*, ed. 2. i: 95 (1840), pro *Pulsatilla africana* Herm. ex Spreng., nom.superfl. = ***Anemone tenuifolia* (L.f.) DC., *Regni vegetabilis systema naturale* 1: 196 (1817)**
- Anemone caffra* (Eckl. & Zeyh.) Harv. var. *pondoensis* Ulbr., *Bot. Jahrb. Syst.* 37(2): 240 (1905); Types: [Eastern Cape], 'Bisher nur Pondoland', Bachmann 1527, (B†, syn.); C. Beyrich 286, (B†, syn.). The absence of these two specimens at B was confirmed by R. Vogt and they are presumably destroyed (Manning & Goldblatt 2013). = ***Anemone caffra* (Eckl. & Zeyh.) Harv., *Thesaurus capensis* 1: 5 (1859)**
- Anemone canescens* (Szyszyl.) Burt Davy, *Ann. Transvaal Mus.* 3: 121 (1912) = ***Anemone transvaalensis* (Szyszyl.) Burt Davy var. *transvaalensis*, *Bothalia* 39: 218 (2009)**
- Anemone capensis* (L.) DC., *Syst. Nat. [de Candolle]*: 195 (1817), non Lam. (1783) = ***Anemone tenuifolia* (L.f.) DC., *Regni vegetabilis systema naturale* 1: 196 (1817)**
- Anemone fanninii* Harv. ex Mast. var. *mafubensis* Beauverd, *Bull. Soc. Bot. Genève, Ser 2*, 5: 327 (1914); Type: [Eastern Cape], 'Griqualand East, Mafube', Nov. 1907, H. Jacottet 93 (G [3 sheets: G00023697], holo.). = ***Anemone fanninii* Harv. ex Mast., *Gardener's Chronicle* 25: 432, fig. 84 (1886)**
- Anemone fanninii* Harv. ex Mast. var. *parviflora* Ulbr., *Bot. Jahrb. Syst.* 37(2): 241 (1905); Type: [KwaZulu-Natal], 'in montibus Maritzburg' [Pietermaritzburg], without date, Adlam s.n. sub Macowan & Bolus 1023 (SAM, holo.; BOL [2 sheets], iso.). = ***Anemone fanninii* Harv. ex Mast., *Gardener's Chronicle* 25: 432, fig. 84 (1886)**
- Anemone filia* (L.f.) J.C.Manning & Goldblatt, *Bothalia* 39(2): 218 (2009); Type: South Africa, without precise locality or date. LINN714.9 (LINN, lecto.). Designated by Rasmussen, *Opera Botanica* 53: 23 (1979).**
- Anemone filia* (L.f.) J.C.Manning & Goldblatt subsp. *filia*, *Bothalia* 39(2): 218 (2009); Type: South Africa, without precise locality or date. LINN714.9 (LINN, lecto.). Designated by Rasmussen, *Opera Botanica* 53: 23 (1979).**
- Anemone peenensis* Baker f., *J. Linn. Soc., Bot.* 11: 16 (1911); Type: Zimbabwe, Gazaland, Mt Pene, 28 September 1906, Swynnerton 783 (BM, lecto.). Designated by Milne-Redhead & Turrill, *FTEA, Ranunculaceae*: 13 (1952). = ***Anemone transvaalensis* (Szyszyl.) Burt Davy var. *transvaalensis*, *Bothalia* 39: 218 (2009)**
- Anemone transvaalensis* (Szyszyl.) Burt Davy, *Bothalia* 39: 218 (2009); Type: South Africa, [Limpopo], Houtboschberg. 1875, Rehmann 6402 (Z, holo.; K, iso.).**
- Anemone vesicatoria* (L.f.) Prantl, *Bothalia* 39: 218 (2009); Type: South Africa, without precise locality or date, LINN7J4.8 (LINN, lecto.). Designated by Rasmussen, *Opera Botanica* 53: 27(1979).**

*Anemone whyteana* Baker f., Trans. Linn. Soc. London, Bot. 4(1): 4 (1894); Type: Malawi, Mt Mulanji, October 1891, Whyte 100 [BM, lecto.; BM, K, W, iso.]. Designated by Milne-Redhead & Turrill, FTEA, Ranunculaceae: 13 (1952). = *Anemone transvaalensis* (Szyszyl.) **Burt Davy var. transvaalensis, Bothalia 39: 218 (2009)**

## **ATRAGENE L.**

*Atragene capensis* L., Sp. Pl. 1: 543 (1753); Type: illustration “Pulsatilla foliis trifidus, dentatis, flore incarnato, pleno” in Burman: 148, t. 52 (1738), lecto. Designated by Oliver, FPA: t.1569 (1969). = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

*Atragene tenuifolia* L.f., Suppl. Pl.: 270 (1782) = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

*Atragene tenuis* Thunb., Fl. Jap. (Thunberg): 239 (1784); Neotype: ‘Cape’, Thunberg s.n. UPS-THUNB 12999 (UPS-THUNB, neo.). Designated by Manning & Goldblatt, **Bothalia 43: 3 (2013)**. = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

## **BATRACHIUM GRAY**

*Batrachium trichophyllum* (Chaix) Bosch, Prodr. Fl. Bat. 1: 5 (1850) = *Ranunculus trichophyllum* Chaix, **Hist. Pl. Dauphiné (Villars) 1: 335 (1786)**

## **CLEMATIS L.**

*Clematis capensis* (L.) Poir., Encycl. [J. Lamarck & al.] Suppl. 2: 296 (1811) = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

*Clematis stanleyi* Hook., Icon. Pl. 6: t. 589 (1843) = *Clematis villosa* DC. subsp. *stanleyi* (Hook.) **Kuntze, Verhandl. Bot. Ver. Brandenburg 26: 174 (1885)**

*Clematis stewartiae* Burt Davy var. *wilmsii* Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 111 (1926); Type: South Africa, Transvaal, Lydenburg, 2/1893, Wilms 1 (K, holo.) = *Clematis brachiata* Thunb., **Prodr. Pl. Cap. 2: 94 (1800)**

*Clematis tenuifolia* (L.f.) Poir., Encycl. [J. Lamarck & al.] Suppl. 2: 298 (1811) = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

## **KNOWLTONIA SALISB.**

*Knowltonia whyteana* (Baker f.) Engl., Pflanzenw. Afr. 3, 1 (Engl. & Drude, Veg. der Erde, 9): 170 (1915) = *Anemone transvaalensis* (Szyszyl.) **Burt Davy var. transvaalensis, Bothalia 39: 218 (2009)**

## **PULSATILLA MILL.**

*Pulsatilla africana* Herm. ex Spreng., Syst. Veg. (ed. 16) [Sprengel] 2: 664 (1825), pro *Atragene capensis* L., nom.superfl. = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

*Pulsatilla tenuifolia* (L.f.) Spreng., Syst. Veg. (ed. 16) [Sprengel] 2: 664 (1825) = *Anemone tenuifolia* (L.f.) DC., **Regni vegetabilis systema naturale 1: 196 (1817)**

## **RANUNCULUS L.**

*Ranunculus dregei* J.C.Manning & Goldblatt, **Bothalia 43(2): 190 (2013)**, nom. nov. pro *Ranunculus meyeri* Harv. (1860), hom. illegit., non Lowe (1857), nom. illegit. superfl. pro *R. grandifolius* E.Mey. (1830); Type: South Africa, [Eastern Cape], ‘Katberg’, Nov. 1832, Drège s.n. (K000076101, lecto.; BM, K, P, PRE, TCD, isolecto.) Lectotype designated by Manning & Goldblatt, **Bothalia 43(2): 190 (2013)**.

*Ranunculus meyeri* Harv. var. *rogersii* Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 109 (1926), nom.nud. = *Ranunculus dregei* **J.C.Manning & Goldblatt, Bothalia 43(2): 190**

(2013), **nom. nov. pro. *Ranunculus meyeri* Harv. (1860), hom. illegit., non Lowe (1857), nom. illegit. superfl. pro *R. grandifolius* E.Mey. (1830)**  
*Ranunculus pinnatus* Poir. var. *hermannii* DC., Prod. [DC.]: 42 (1824); Type: 'Cap. Bonae Spei', Hermann s.n. (G-DC000130084, holo.) = ***Ranunculus multifidus* Forssk., Fl. Aegypt.-Arab.: 102 (1775)**

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## RESTIONACEAE

### **CANNOMOIS P.BEAUV. EX DESV.**

*Cannomois saundersii* Mujaju, nom.superfl. = ***Cannomois robusta* (Kunth) H.P.Linder**

### **ELEGIA L.**

***Elegia namaquense* H.P.Linder & Helme**, S. African J. Bot. 99: 17 (2015); Type: South Africa, Northern Cape, Garies: between Ruitersvlei and Koapskop, 4 November 2014, Linder 8066 (BOL, holo.; K, MO, NBG, PRE, Z, iso.)

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## RHAMNACEAE

### **PHYLICA L.**

*Phyllica trichotoma* Thunb., Prod. Pl. Cap.: 187 (1794) = ***Staavia trichotoma* (Thunb.) Pillans, J. S. African Bot. 13: 175 (1947)**

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## RUBIACEAE

### **CORDYLOSTIGMA GROENINCKX & DESSEIN**

***Cordylostigma longifolia* (Klotzsch) Groeninckx & Dessein**, Taxon 59(5): 1466 (2010); Type: Mozambique, Sena, Peters s.n. (B†, holo). Type: Mozambique: Gonubi Hill, Schlechter 12181 (K, neo; BM, BR, E, G, W, isoneo.) Neotype designated by Bremekamp, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Sect. 2, 48: (1952).

***Cordylostigma virgata* (Willd.) Groeninckx & Dessein**, Taxon 59(5): 1466 (2010); Type: Ghana, s.l., probably Thonning s.n. (B†, holo; S, isoneo.) Isonotype designated by Bremekamp, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Sect. 2, 48: (1952).

### **EMPOGONA HOOK.F.**

***Empogona africana* (Sim) Tosh & Robbr.**, Ann. Missouri Bot. Gard. 96(1): 207 (2009); Type: South Africa. E Pondoland, Egossa Forest, Aug. 1899, T.R. Sim 2386 (NU, holo.)

***Empogona cacondensis* (Hiern) Tosh & Robbr.**, Ann. Missouri Bot. Gard. 96(1): 207 (2009); Type: Angola. Rd. from Quipaca to fortress near Feraõ, Oct. 1859, F. Welwitsch 3112 (LISU, lecto.; BM, COI, K, isolecto.) Lectotype designated by Robbrecht, Bull. Jard. Bot. Natl. Belg. 49: 320 (1979).

***Empogona coriacea* (Sond.) Tosh & Robbr.**, Ann. Missouri Bot. Gard. 96(1): 207 (2009); Type: South Africa. KwaZulu-Natal, Durban, s.d., W. Gueinzus 100 (W, holo.; BM, C, K, PRE, S, iso.)

***Empogona kirkii* Hook.f. subsp. *junodii* (Schinz) Tosh & Robbr.**, Ann. Missouri Bot. Gard. 96(1): 208 (2009); Type: Mozambique. Baia de Laurenc¸o Marques (Delagoa Bay), s.d., H. Junod 311 (Z, holo.)

***Empogona kirkii* Hook.f. subsp. *kirkii***

***Empogona lanceolata* (Sond.) Tosh & Robbr.**, Ann. Missouri Bot. Gard. 96(1): 208 (2009); Type: South Africa. KwaZulu-Natal, Durban, W. Gueinzus 68 (W, lecto.; P, S, isolecto.) Lectotype designated by Robbrecht, Bull. Jard. Bot. Natl. Belg. 49: 313 (1979).

*Empogona maputensis* (Bridson & A.E.van Wyk) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009); Type: Mozambique. Matutuine, 8 Aug. 1957, L.A.G. Barbosa & F.L. de Lemos 7807 (LISC, holo.)

### **HYPOBATHRUM BLUME**

*Hypobathrum kirkii* (Hook.f.) Baill., Adansonia 12: 205 (1878) = *Empogona kirkii* Hook.f. subsp. *kirkii*

*Hypobathrum lanceolatum* (Sond.) Baill., Adansonia 12: 206 (1878) = *Empogona lanceolata* (Sond.) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009)

### **PAVETTA L.**

*Pavetta glaucophylla* S.J.Siebert, Retief & A.E.van Wyk, Novon 22(4): 474 (2013); Type: South Africa. Mpumalanga: Sekhukhuneland, Thorncliffe Mine, entrance rd., 1 Dec. 1997, J.E. Burrows 6198 (PRE, holo.; BNRH, iso.)

### **PLOCAMA AITON**

*Plocama crocyllis* (Sond.) M.Backlund & Thulin, Taxon 56(2): 323 (2007)

### **PSYDRAX GAERTN.**

*Psydrax capensis* J.C.Manning & Goldblatt, Strelitzia 29: 816 (2012)

### **SERICANTHE ROBBR.**

*Sericanthe andongensis* (Hiern) Robbr. subsp. *legatii* (Hutch.) Jordaan & H.M.Steyn, Bothalia 42 (2): 206 (2012)

### **VANGUERIA COMM. EX JUSS.**

*Vangueria bowkeri* (Robyns) Lantz, Pl. Syst. Evol. 253(1-4): 179 (2005)

*Vangueria coerulea* (Robyns) Lantz, Pl. Syst. Evol. 253(1-4): 179 (2005), insufficiently known taxon

*Vangueria monteiroi* (Oliv.) Lantz, Pl. Syst. Evol. 253(1-4): 180 (2005)

*Vangueria thamnus* (Robyns) Lantz, Pl. Syst. Evol. 253(1-4): 181 (2005)

*Vangueria triflora* (Robyns) Lantz, Pl. Syst. Evol. 253(1-4): 181 (2005)

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## **RUTACEAE**

### **TECLEA DELILE**

*Teclea bachmannii* Engl., Bot. Jahrb. Syst. 23(1-2): 153 (1896) = *Vepris bachmannii* (Engl.) Mziray, Symb. Bot. Upsal. 30(1): 70 (1992)

### **VEPRIS COMM. EX A.JUSS.**

*Vepris bachmannii* (Engl.) Mziray, Symb. Bot. Upsal. 30(1): 70 (1992); Type: South Africa, Pondoland, Umzani, Jussuberg, Bachmann 835.

*Vepris bremekampii* (I.Verd.) Mziray, Symb. Bot. Upsal. 30(1): 71 (1992); Type: South Africa, Limpopo, Zoutpansberg District, Obermeyer, Schweickerdt & Verdoorn 66 (UPS, iso.)

*Vepris trichocarpa* (Engl.) Mziray, Symb. Bot. Upsal. 30(1): 76 (1992); Type: Tanzania, Bagamoyo District, Ruvu [Kigani], Stuhlmann 6427 (B, syn.) & 6626 (B, isosyn.; BM, sketch)

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## **SALVINIACEAE**

### **AZOLLA LAM.**

*Azolla cristata* Kaulf., Enum. Filic.: 274 (1824)

*Azolla pinnata* R.Br.

*Azolla pinnata* R.Br. subsp. *asiatica* R.M.K.Saunders & K.Fowler, Bot. J. Linn. Soc. 109(3): 349 (1992)

## **SALVINIA SÉG.**

*Salvinia minima* Baker, J. Bot. 24: 98 (1886)

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## **SANTALACEAE**

### **LACOMUCINAEA NICKRENT & M.A.GARCIA**

*Lacomucinaea lineata* (L.f.) Nickrent & M.A.Garcia, Phytotaxa 224(2): 180 (2015); Type: South Africa. "Habitat in Cap. Bonae spei.", C.P. Thunberg s.n. (UPS-THUNB 6035, holo.)

### **THESIUM L.**

*Thesium confusum* J.C.Manning & F.Forest, Bothalia 43(2): 215 (2013)

*Thesium fruticosum* (A.W.Hill) J.C.Manning & F.Forest, Bothalia 43(2): 215 (2013)

*Thesium minus* (A.W.Hill) J.C.Manning & F.Forest, Bothalia 43(2): 215 (2013)

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## **SAPINDACEAE**

### **PAULLINIA L.**

*Paullinia asiatica* L., Sp. Pl. 1: 365 (1753) = *Toddalia asiatica* (L.) Lam., Tabl. Encycl. 2: 116 (1797)

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## **SAPOTACEAE**

### **SIDEROXYLON L.**

*Sideroxylon cymosum* L.f., Suppl. Pl.: 152 (1782); Type: Caput bona spei, in Tafelberg, Thunberg 5428 (UPS, lecto.; J, K, microfiche). Designated by Sebola & Balkwill, S. Afr. J. Bot 65: (1999). = *Olinia ventosa* (L.) Cufod., Oesterr. Bot. Z. 107: 106 (1960)

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## **SCROPHULARIACEAE**

### **NEMESIA VENT.**

*Nemesia arenifera* Bester & H.M.Steyn, Phytotaxa 126(1): 50 (2013)

### **PELIOSTOMUM E.MEY. EX BENTH.**

*Peliostomum junceum* (Hiern) Kolberg & Van Slageren, Kew Bull. 71(2)-16: 42 (2016)

*Peliostomum leucorrhizum* E.Mey. ex Benth. var. *grandiflorum* Hiern = *Peliostomum leucorrhizum* E.Mey. ex Benth., Edwards's Bot. Reg. 22: sub t. 1882 (1836)

### **WALAFRIDA E.MEY.**

*Walafrida polystachya* Rolfe, p.p., non *Selago polystachya* L.; Type: Flanagan 369 (lecto.) Designated by Hilliard 1999: 276. = *Selago multispicata* Hilliard

### **ZALUZIANSKYA F.W.SCHMIDT**

*Zaluzianskya chasmanthiflora* (Hilliard) J.C.Manning & Goldblatt, Bothalia 44: 8 (2014); Type: South Africa, Northern Cape, Williston, Farm Annexe Kransfontein 721, 02 Sept. 1986, Cloete & Haselau 172 (NBG [as STE], holo.)

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## **SEMATOPHYLLACEAE**

### **SEMATOPHYLLUM MITT.**

*Sematophyllum magillianum* P.E.A.S.Câmara & Van Rooy, The Bryologist 117(3): 297 (2014)

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## SOLANACEAE

### **CAPSICUM L.**

*Capsicum hispidum* Dunal var. *glabriusculum* Dunal, Prodr. [A. P. de Candolle] 13(1): 420 (1852)  
= *Capsicum annuum* L. var. *glabriusculum* (Dunal) Heiser & Pickersgill, *Baileya* 19(4):  
156 (1975)

*Capsicum indicum* Dierb. var. *aviculare* Dierb., Arch. Apotheker-Vereins Nördl. Teutschl. 30: 30  
(1829) = *Capsicum annuum* L. var. *glabriusculum* (Dunal) Heiser & Pickersgill, *Baileya*  
19(4): 156 (1975)

### **LYCIUM L.**

*Lycium cordatum* Mill., Gard. Dict., ed. 8: n. 10 (1768) = *Carissa bispinosa* (L.) Desf. ex Brenan,  
*Mem. New York Bot. Gard.* 8: 502 (1954)

### **NIEREMBERGIA RUÍZ & PAV.**

*Nierembergia hippomanica* Miers var. *glabriuscula* Dunal, Prodr. [A. P. de Candolle] 13(1): 584  
(1852) = *Nierembergia hippomanica* Miers var. *violacea* Millán, *Darwiniana* 5: 520 (1941)

### **SOLANUM L.**

*Solanum betaceum* Cav., Anales Hist. Nat. 1: 44 (1799); Type: plant from unknown origin  
cultivated in 'Hortus Botanicus Matritensis', Madrid, Spain.

*Solanum campylacanthum* Hochst. ex A.Rich., Tent. Fl. Abyss. 2: 102 (1851)

*Solanum humile* Lam., Tabl. Encycl. 2: 23 (1794) = *Solanum americanum* Mill.

*Solanum lycopersicum* L., Sp. Pl. 1: 185 (1753)

*Solanum lycopersicum* L. var. *cerasiforme* (Alef.) Voss, Vilm. Blumengärtn., ed. 3. 1(1): 721  
(1894) = *Solanum lycopersicum* L., **Sp. Pl. 1: 185 (1753)**

*Solanum vagans* C.H.Wright, Bull. Misc. Inform. Kew 1894(88): 128 (1894); Type from  
Tanzania. = *Solanum zanzibarense* Vatke var. *vagans* (C.H.Wright) Bitter, *Repert. Spec.*  
*Nov. Regni Veg. Beih.* 16: 116 (1923)

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## SPHAGNACEAE

### **SPHAGNUM L.**

*Sphagnum africanum* Welw. & Duby

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## THELYPTERIDACEAE

### **AMAUROPELTA KUNZE**

*Amauropelta bergiana* (Schltdl.) Holttum

### **CYCLOSORUS LINK**

*Cyclosorus guenzianus* (Mett.) J.P.Roux, *Strelitzia* 29: 820 (2012), as 'gueinziana' = *Christella*  
*gueinziana* (Mett.) Holttum

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## THYMELAEACEAE

### **LASIOSIPHON FRESEN.**

*Lasiosiphon calocephalus* (Meisn.) Domke, *Biblioth. Bot.* 111: 95 (1934)

*Lasiosiphon esterhuyseniae* Magee & J.C.Manning, *Kew Bull.* 72(1)-12: 2 (2017); Type: South  
Africa, Northern Cape, Glen Lyon: Hay Div., Floradale, April 1940, E. Esterhuysen 2315  
(NBG, holo.)

*Lasiosiphon kraussianus* (Meisn.) Meisn. var. *kraussianus*, 'kraussii', sphalm.

*Lasiosiphon microcephalus* (Meisn.) J.C.Manning & Magee, Kew Bull. 72(1)-12: 5 (2017);

Type: South Africa, Gauteng, 'monte Magalisberg', Zeyher 1492 (G, 2 sheets, syn.; GRA, P, S, SAM, isosyn.)

*Lasiosiphon polyanthus* (Gilg) C.H.Wright var. *polyanthus*

*Lasiosiphon rubescens* (B.Peterson) J.C.Manning & Magee, Kew Bull. 72(1)-12: 5 (2017); Type:

South Africa, Limpopo, 'Soutpansberg, 3 miles E of P.O. Wyliespoort, 26 Jan. 1954, Codd 8377 (LD, holo.; PRE, iso.)

*Lasiosiphon suavissimus* (Dinter) Domke, Biblioth. Bot. 111: 91 (1934); South Africa (Northern Cape), Namibia

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## TROPAEOLACEAE

### TROPAEOLUM L.

*Tropaeolum speciosum* Poepp. & Endl., Nov. Gen. Sp. Pl. (Poeppig & Endlicher) 1: 22 (1835)

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## ULMACEAE

### ULMUS L.

*Ulmus minor* Mill., Gard. Dict., ed. 8. n. 6. 1768

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## URTICACEAE

### PARIETARIA L.

*Parietaria judaica* L.

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## VELLOZIACEAE

### BARBACENIA VAND.

*Barbacenia equisetoides* (Baker) R.E.Fr., Rhodesia-Kongo-Exped. I, Bot., 1: 233 (1914) =

*Xerophyta equisetoides* Baker, J. Bot. 13: 233 (1875)

*Barbacenia schlechteri* (Baker) Burt Davy & R.Pott, Ann. Transvaal Mus. 3: 121 (1912) =

*Xerophyta schlechteri* (Baker) N.L.Menezes, Ci. & Cult. 23(3): 422 (1971)

*Barbacenia wenzeliana* Harms var. *rhodesiana* R.E.Fr., Rhodesia-Kongo-Exped. I, Bot. 1: 234

(1914); Type: north-eastern Zambia, Kalungwisi River, stony slopes, Fries 1160 (UPS, holo.) =

*Xerophyta wenzeliana* (Harms) Sölch var. *wenzeliana*, Mitt. Bot. Staatssamml. München 4: 74 (1961), Non *Xerophyta wenzeliana* (Harms) sensu Sölch & Roessler in Merxmüller, Prodrum Fl. Südwestafr., fam. 152: 2 (1969).

### VELLOZIA VAND.

*Vellozia wenzeliana* (Harms) Greves, J. Bot. 59: 281 (1921) = *Xerophyta wenzeliana* (Harms)

Sölch var. *wenzeliana*, Mitt. Bot. Staatssamml. München 4: 74 (1961), Non *Xerophyta wenzeliana* (Harms) sensu Sölch & Roessler in Merxmüller, Prodrum Fl. Südwestafr., fam. 152: 2 (1969).

### XEROPHYTA JUSS.

*Xerophyta adendorffii* Behnke, Bot. J. Linn. Soc. 172(1): 50 (2013); Type: South Africa, North West Province, about 5 km S of Broederstroom, on slopes W of Crocodile River, on either side of Road 512 from Broederstroom to Lanseria, 5/3/2004, Adendorff 1 (M, holo.; B, K, iso.)

*Xerophyta bakeri* T.Durand & Schinz, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 270 (1894),

based on Rehmann 5792 (Z, an isotype of *X. villosa*), nom.nud. = *Xerophyta villosa* (Baker) L.B.Sm. & Ayensu, Kew Bull. 29(1): 188 (1974), excluding *X. monroi* and *X. violacea*



- Xerophyta junodii* Behnke, Bot. J. Linn. Soc. 172(1): 45 (2013); Type: South Africa; Limpopo, top of Mt. Mamotswiri, 2/1906, Junod 2768 (G, holo.; M, Z iso.)
- Xerophyta miniata* T.Durand & Schinz, Consp. Fl. Afr. 5: 271 (1895), in error for *X. minuta* Baker = *Xerophyta elegans* (Balf.) Baker, J. Bot. 13: 234 (1875)
- Xerophyta mollissima* Schinz, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 5: 271 (1894), based on Rehmann 5792 (Z, an isotype of *X. villosa*), nom.nud. = *Xerophyta villosa* (Baker) L.B.Sm. & Ayensu, Kew Bull. 29(1): 188 (1974), excluding *X. monroi* and *X. violacea*
- Xerophyta pauciramosa* (L.B.Sm. & Ayensu) Behnke, Bot. J. Linn. Soc. 172(1): 67 (2013); Type: Mwinilungu District, near Zambezi River, 4 ml north of Kalene Hill Mission, in cracks of extensive bare granite outcrop, 25.4.1952, F. White 3369 (BM, holo.; BR, K, iso.)
- Xerophyta purpurascens* Behnke, Bot. J. Linn. Soc. 172(1): 66 (2013); Type: South Africa, Mpumalanga, below Simon's Dam, Buffelskloof Nature Reserve, Lydenburg, J.E. Burrows 6593 (M, holo.; BNRH, iso.)
- Xerophyta rehmannii* Behnke, Bot. J. Linn. Soc. 172(1): 47 (2013); Type: South Africa; Mpumalanga: Roossenekal, near Mapoch's Cave, dirt road to mining site, sloping smooth rock faces, 29/3/2005, Adendorff 31 (M, holo.) Paratype: South Africa; Mpumalanga: Roossenekal, near Mapoch's Cave, 3/1/1999, J. E Burrows & S. M. Burrows 6357 (BNRH, PRE)
- Xerophyta retinervis* Baker var. *multiramosa* Behnke, Bot. J. Linn. Soc. 172(1): 78 (2013); Type: South Africa, Limpopo, small dirt road off tarred road towards Jane Furse, 30.3.2005, Adendorff 33 (M, holo.)
- Xerophyta retinervis* Baker var. *retinervis*
- Xerophyta rosea* (Baker) N.L.Menezes, Ci. & Cult. 23(3): 422 (1971); Type: South Africa, Limpopo, on rocks, Shiluvane, Junod 969 (Z, holo.; G, K, iso.)
- Xerophyta vallispongolana* J.E.Burrows, S.M.Burrows & Behnke, Bot. J. Linn. Soc. 172(1): 78 (2013); Type: South Africa, KwaZulu-Natal, 7.6 km from Comondale on road to Piet Retief, on rocky outcrop in grassland, 8.11.1999, J. E. Burrows & S. M. Burrows 6586 (J, holo.; BNRH, PRE, iso.)

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## VERBENACEAE

### ALOYSIA JUSS.

*Aloysia citrodora* Paláu, Parte Práct. Bot. 1: 768 (1784)

### CHASCANUM E.MEY.

*Chascanum schlechteri* (Gürke) Moldenke var. *schlechteri*

### STACHYTARPHETA VAHL

*Stachytarpheta cayennensis* (Rich.) Vahl, Enum. Pl. [Vahl] 1: 208 (1804), as 'cajanensis'

### VERBENA L.

*Verbena incompta* P.W.Michael, Telopea 6: 181 (1995)

*Verbena officinalis* L. subsp. *africana* R.Fern. & Verdc., Bol. Soc. Brot. II, 62: 305 (1989)

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## VIOLACEAE

### VIOLA L.

*Viola priceana* Pollard, Proc. Biol. Soc. Washington 16: 127 (1903)

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## ZYGOPHYLLACEAE

### ROEPERA A. JUSS.

- Roepera botulifolia* (Van Zyl) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)  
*Roepera cordifolia* (L.f.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)  
*Roepera cuneifolia* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)  
*Roepera debilis* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)  
*Roepera divaricata* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)  
*Roepera flexuosa* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera foetida* (Schräd. & J.C.Wendl.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera fulva* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera fuscata* (Van Zyl) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera horrida* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera incrustata* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera leptopetala* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera leucoclada* (Diels) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera lichtensteiniana* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera macrocarpon* (Retief) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera maculata* (Aiton) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera maritima* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Roepera microphyllum* (L.f.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera morgsana* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera pubescens* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera pygmaea* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera rogersii* (Compton) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera schreiberi* (Merxm. & Giess) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera sessilifolia* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera sphaerocarpa* (Schltr. ex Huysst.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera spinosa* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)  
*Roepera teretifolia* (Schltr.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)

### TETRAENA MAXIM.

- Tetraena chrysopteron* (Retief) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)  
*Tetraena clavata* (Schltr. & Diels) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)  
*Tetraena decumbens* (Delile) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)  
*Tetraena microcarpa* (Licht. ex Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena prismatocarpa* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena pterocaulis* (Van Zyl) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena retrofracta* (Thunb.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena rigida* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena simplex* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)  
*Tetraena tenuis* (Glover) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)

### ZYGOPHYLLUM L.

- Zygophyllum horridum* Cham., Linnaea 5: 46 (1830) = *Roepera horrida* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)  
*Zygophyllum sphaerocarpum* Schltr. ex Huysst., Morphol.-Syst. Stud. Gatt. Zygophyllum: 73 (1937) = *Roepera sphaerocarpa* (Schltr. ex Huysst.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)

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## Taxonomic status change: accepted names that became synonyms

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### ACANTHACEAE

#### **ACANTHODIUM DELILE**

*Acanthodium capense* (L.f.) Nees, Linnaea 15: 361 (1841) = *Blepharis capensis* (L.f.) Pers., Syn. Pl. [Persoon] 2(1): 180 (1806), Type: South Africa, Herb. Thunberg 14643 (UPS, lecto.; K, microfiche). Designated by Vollesen, *Blepharis* a taxonomic revision: 71 (2000).

#### **ACANTHOPSIS HARV.**

*Acanthopsis trispina* C.B. Clarke, Fl. Cap. (Harvey) 5(1): 35 (1901); Type: South Africa, Cape [without precise locality], Mund s.n. (K, holo.) = *Acanthopsis horrida* (Nees) Nees, Prodr. [A. P. de Candolle] 11: 278 (1847), Type: South Africa. Northern Cape: Namaqualand, Reise nach Kamiesberg, Boschmanland bis zur Mundung des Garip, November, Zeyher 73.11 (S09-4255, lecto.; P04426156, P04426158, P04426161, SAM in NBG, S-G-42, TCD, Z, isolecto.). Designated by Steyn & Van Wyk, Phytotaxa 244(2): 152 (2016).

#### **ACANTHUS L.**

*Acanthus pubescens* (Thomson ex Oliv.) Engl., Abh. Preuss. Akad. Wiss. 1891, 2: 390 (1892) = *Acanthus polystachyus* Delile, Cent. Pl. Meroe: 72, t. 62, f. 2 (1826), Vollesen's spelling of the epithet as "polystachius" is considered a correctable error., Type: Sudan, Singa [Singue], Cailliaud s.n. (P, holo.)

#### **ADHATODA MILL.**

*Adhatoda andromeda* (Lindau) C.B. Clarke, Fl. Cap. (Harvey) 5(1): 76 (1901) = *Justicia andromeda* (Lindau) J.C. Manning & Goldblatt, Bothalia 44(1): 45 (2014), nom. inval., incorrect basionym publication cited

*Adhatoda densiflora* (Hochst.) J.C. Manning, S. African J. Bot. 51(6): 490 (1985) = *Justicia natalensis* (Nees) T. Anderson, J. Proc. Linn. Soc., Bot. 7: 38 (1863)

#### **ASYSTASIA BLUME**

*Asystasia pinguifolia* T.J. Edwards, S. African J. Bot. 53(3): 231 (1987); Type: Mozambique, Jangamo Dist., "Inharrime", 15 km south of Inhambane, near Mutamba, 6/7/1971, Edwards & Vahrmeyer 4228 (PRE, holo.) = *Asystasia gangetica* (L.) T. Anderson subsp. *micrantha* (Nees) Ensermu, Proc. XIII Plenary Meet. AETFAT, Zomba, Malawi, 1991, 1: 343 (1994), Type: Sudan, Sennar, Acerbi in Herb DC. 687 (G, holo.)

*Asystasia schimperi* T. Anderson, J. Proc. Linn. Soc., Bot. 7: 53 (1863); Type: Ethiopia: Goelleb, 24/8/1854, Schimper in Hohenacker 2220 (K, lecto.); Tigray, Dscheladscheranne, 31/7/1840, Schimper III.1657 and Schimper III.1659 (K, syn.) Lectotype designated by Ensermu, Fl. Zambes. 8(6): 129 (2015) = *Asystasia mysorensis* (Roth) T. Anderson, J. Linn. Soc., Bot. 9: 524 (1867), Type: India, Mysore (Maysure), 28/7/1800, Heyne s.n. (B†, holo.; K, iso.)

#### **BARLERIA L.**

*Barleria albi-pilosa* Hainz, Mitt. Bot. Staatssamml. München Heft 12: 67 (1955); Type: Namibia, Etosha Pan, Onguma, "Gelbholzdune", 8/12/1952, Walter 412 (M, holo.; B, PRE, iso.) = *Barleria matopensis* S. Moore, J. Bot. 45: 91 (1907), Type: Zimbabwe, Matopo Hills, 2/1903, Eyles 1165 (BM, holo.; GRA, iso.)

- Barleria exellii* Benoist, Bol. Soc. Brot. sér. 2, 24: 19 (1950); Type: Angola, Mossamedes, Montemor, 27 km from Mossamedes, 20/5/1937, Exell & Mendonca 2127 (BM, COI, syn.; P, isosyn.) = *Barleria lancifolia* T.Anderson, J. Proc. Linn. Soc., Bot. 7: 28 (1863), Type: Namibia, Damaraland, Herb. Coll. Trin. Dublin s.n. (TCD, holo., missing)
- Barleria gossweileri* S.Moore, J. Bot. 49: 305 (1911); Type: Angola, Benguella, 7/1910, Gossweiler 4948 (BM, holo.; K, iso.) = *Barleria lancifolia* T.Anderson, J. Proc. Linn. Soc., Bot. 7: 28 (1863), Type: Namibia, Damaraland, Herb. Coll. Trin. Dublin s.n. (TCD, holo., missing)
- Barleria prionitis* L. subsp. *delagoensis* (Oberm.) Brummitt & J.R.I.Wood, Kew Bull. 38(3): 440 (1983) = *Barleria delagoensis* Oberm., Ann. Transvaal Mus. 15: 143 (1933), Type: Mozambique, Masieni, mouth of Incomati (Komatie) River, 9/1924, Van Dam in TVL 25321 (PRE, holo.)
- Barleria rogersii* S.Moore, J. Bot. 56: 38 (1918) = *Barleria taitensis* S.Moore subsp. *rogersii* (S.Moore) I.Darbysh., Fl. Zambes. 8(6): 87 (2015), Type: Zimbabwe, Hwange, 5/1915, Rogers 13239 (BM, holo.; BOL, iso.)
- Barleria transvaalensis* Oberm., Ann. Transvaal Mus. 15: 156 (1933); Type: South Africa, Limpopo, Messina, Rogers s.n., (PRE-TRV, holo.) = *Barleria virgula* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 48 (1901), Type: South Africa, Limpopo, Marico Distr., n.d., Holub s.n. (K, holo.)

## **DICLIPTERA JUSS.**

- Dicliptera decorticans* (K.Balkwill) J.C.Manning & Goldblatt, Strelitzia 29: 789 (2012) = *Dicliptera decorticans* (K.Balkwill) I.Darbysh., Kew Bull. 62(1): 123 (2007), Type: South Africa, Northern Province, Louis Trichardt Dist., beside N1, at gate to Plaas Marius, north of Wylliespoort, fl. & fr. 12/5/1983, K. Balkwill 801 (J, holo.; E, K, NU, PRE, iso.)
- Dicliptera divaricata* Compton, J. S. African Bot. 41(1): 49 (1975); Type: Swaziland, Ingwavuma Poort, Compton 28614 (NBG, holo.; PRE, iso.) = *Dicliptera minor* C.B.Clarke subsp. *divaricata* (Compton) I.Darbysh., Fl. Zambes. 8(6): 274 (2015), Type: Swaziland, Ingwavuma Poort, fl. 6/3/1959, Compton 28614 (NBG, holo.; PRE, iso.)
- Dicliptera gillilandiorum* (K.Balkwill) J.C.Manning & Goldblatt, Strelitzia 29: 789 (2012) = *Dicliptera gillilandiorum* (K.Balkwill) I.Darbysh., Kew Bull. 62(1): 123 (2007), Type: South Africa, Northern Province, Dongola, Farm Schroda, fl. 15/3/1948, Bruce 58 (PRE, holo.; K, iso.)
- Dicliptera paniculata* (Forssk.) J.C.Manning & Goldblatt, Strelitzia 29: 790 (2012) = *Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007), Type: Yemen, Forsskal 385 (C, microfiche 38: III. 3 - 4, lecto.; K, photo.). Lectotype designated by Wood et al., Kew Bull. 38: 451 (1983).
- Dicliptera spinulosa* Hochst. ex K.Balkwill, Kew Bull. 51(1): 53 (1996); Type: Sudan, Nubia, 'Cordofanum Milbeo', 26/11/1839, Kotschy 277 (G-DC, holo.; K, M, P, WAG, iso.) = *Dicliptera verticillata* (Forssk.) C.Chr., Dansk Bot. Ark. 4(3): 11 (1922), Type: Yemen, fl. & fr. 1763, Forsskal 393 (C, microfiche 39: I.3-4, lecto.; BM, isolecto; K, photo) Lectotype designated by Wood et al. (1983)

## **DUVERNOIA E.MEY. EX NEES**

- Duvernoia aconitiflora* A.Meeuse, Fl. Pl. Africa 31: t. 1216 (1956) = *Justicia aconitiflora* (A.Meeuse) Cubey, Hanburyana 1: 15 (2006), Type: South Africa, Mpumalanga, Barberton, 12 km S of Komatipoort, Komati River, 21-4-1953, Codd 7778 (PRE, holo.; K, iso.)
- Duvernoia adhatodoides* E.Mey. ex Nees, Prodr. [A. P. de Candolle] 11: 323 (1847) = *Justicia adhatodoides* (E.Mey. ex Nees) V.A.W.Graham, Kew Bull. 43(4): 584 (1988)

## **GLOSSOCHILUS NEES**

*Glossochilus parviflorus* Hutch., Bull. Misc. Inform. Kew 1909(4): 186 (1909); Type: South Africa, Limpopo, Potgietersrus, 28/9/1908, Leendertz 1265 (K, holo.) = *Asystasia mysorensis* (Roth) T.Anderson, J. Linn. Soc., Bot. 9: 524 (1867), Type: India, Mysore (Maysure), 28/7/1800, Heyne s.n. (B†, holo.; K, iso.)

## **ISOGLOSSA OERST.**

*Isoglossa densa* N.E.Br., Bull. Misc. Inform. Kew 1908(10): 437 (1908); Type: South Africa, near East London, n.d., Wood in Herb. Galpin 3375 (K, holo.; PRE, iso.) = *Isoglossa ciliata* (Nees) Engl., Bot. Jahrb. Syst. 10(3): 265 (1888), Type: South Africa, Uitenhage, Olifantshoek, Zwartkopsrivier and Bosjesmanrivier, n.d., Ecklon & Zeyher s.n. (holo. not traced; K, S, iso.)

*Isoglossa sylvatica* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 80 (1901); Type: South Africa, Knysna Division, near Melville, 10-5-1814, Burchell 5438 (K, holo.) = *Isoglossa ciliata* (Nees) Engl., Bot. Jahrb. Syst. 10(3): 265 (1888), Type: South Africa, Uitenhage, Olifantshoek, Zwartkopsrivier and Bosjesmanrivier, n.d., Ecklon & Zeyher s.n. (holo. not traced; K, S, iso.)

## **JUSTICIA L.**

*Justicia glabra* K.D.Koenig ex Roxb., Fl. Ind. [ed. Carey] 1: 132 (1820); Type: India, "Malabar", n.d., Koenig s.n. (C, holo.) = *Justicia scandens* Vahl, Symb. Bot. (Vahl) 2: 7 (1791), Type: India, "Malabar", n.d., Koenig s.n. (C, holo.)

*Justicia leptantha* (Nees) Lindau subsp. *late-ovata* (C.B.Clarke) J.C.Manning & Goldblatt, Strelitzia 29: 790 (2012) = *Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *late-ovata* (C.B.Clarke) J.C.Manning & Goldblatt, Bothalia 43(2): 221 (2013)

*Justicia linifolia* (Lindau) J.C.Manning & Goldblatt, Strelitzia 29: 790 (2012), nom.superfl. = *Justicia linifolia* (Lindau) V.A.W.Graham, Kew Bulletin 43: 618 (1988)

*Justicia petiolaris* (Nees) T.Anderson subsp. *incerta* (C.B.Clarke) Immelman, Bothalia 16(1): 40 (1986); Type: Transvaal, bushveld between Elandsrivier and Klippan, Rehmann 5058 (not found) = *Justicia petiolaris* (Nees) T.Anderson subsp. *petiolaris*

*Justicia protracta* (Nees) T.Anderson subsp. *rhodesiana* (S.Moore) Immelman, Bothalia 16(1): 40 (1986); Type: Botswana, Mahalapye, Rogers 6098 (BOL, lecto.; SAM); Zimbabwe, Bulawayo, Rogers 5740 (BOL, SAM) Lectotype designated by Immelman, F.S.A. 30(3): 31 (1995) = *Justicia rhodesiana* S.Moore, J. Bot. 51: 188 (1913), Type: Zimbabwe, Bulawayo, 18-2-1912, Rogers 5740 (BM, lecto.; K, isolecto.) Lectotype designated by Hedren, Nordic J. Bot. 10: 393 (1990)

## **MONECHMA HOCHST.**

*Monechma crassiusculum* P.G.Mey., Mitt. Bot. Staatssamml. München 3: 604 (1960); Type: Namibia, Kahanstal, Dinter 8141 (M, holo.; K, WIND, Z, iso.) = *Justicia crassiuscula* (P.G.Mey.) J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014)

*Monechma debile* (Forssk.) Nees, Prodr. [A. P. de Candolle] 11: 411 (1847) = *Justicia debilis* (Forssk.) Vahl, Symb. Bot. (Vahl) 2: 15 (1791)

*Monechma distichotrichum* (Lindau) P.G.Mey., Mitt. Bot. Staatssamml. München iv. 66 (1961); Type: Namibia, Kuibis River, Range 380 (BOL, SAM, iso.) = *Justicia distichotricha* Lindau, Bot. Jahrb. Syst. 43(4): 357 (1909)

*Monechma divaricatum* (Licht. ex Roem. & Schult.) C.B.Clarke, Fl. Cap. (Harvey) 5(1): 72 (1901), as '(Nees) C.B.Clarke' = *Justicia divaricata* Licht. ex Roem. & Schult., Syst. Veg. 1: (1817), Type: South Africa, Northern Cape, Groote Poort, n.d., Hoffmansegg s.n., (B, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 216 (2015)

- Monechma genistifolium* (Engl.) C.B.Clarke subsp. *australe* (P.G.Mey.) Munday, Fl. S. Africa [ed. L.E.W. Codd et al.] 30(3:1): 54 (1995); Type: Namibia, Harabies, Volk 12244 (M, holo.) = ***Justicia australis* (P.G.Mey.) Vollesen, Fl. Zambes. 8(6): 219 (2015), Type: Namibia, Gibeon Distr., Habies Farm, 7-4-1956m Volk 12244 (M, holo.)**
- Monechma incanum* (Nees) C.B.Clarke, Fl. Cap. (Harvey) 5(1): 69 (1901) = ***Justicia incana* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 42 (1863), Type: South Africa, Northern Cape, between Beaufort West and Rhinoster Kop, n.d., Drege s.n. (K, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 219 (2015)**
- Monechma leucoderme* (Schinz) C.B.Clarke, Fl. Cap. (Harvey) 5(1): 70 (1901) = ***Justicia leucoderme* Schinz, Verh. Bot. Ver. Brandenburg 31: 202 (1890)**
- Monechma mollissimum* (Nees) P.G.Mey., Mitt. Bot. Staatssamml. München 2: 304 (1957); Types: South Africa, Drege s.n. (K, SAM, iso.) = ***Justicia dregei* J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014), nom. nov. pro *Monechma mollissimum* (Nees) P.G.Mey. (1957), non *Justicia mollissima* (Nees) Y.F.Deng & T.F.Daniel (2011)**
- Monechma robustum* Bond, J. S. African Bot. 6: 67 (1940) = ***Justicia karroica* J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014), nom. nov. pro *Monechma robustum* Bond (1940), non *Justicia robusta* T.Anderson ex C.B.Clarke (1900)**
- Monechma saxatile* Munday, S. African J. Bot. 3(6): 363 (1984); Type: Cape Province, about 8 km north of Pofadder, Acocks 14394 (PRE, holo.; K, iso.) = ***Justicia saxatilis* (Munday) J.C.Manning & Goldblatt, Bothalia 44(1): 46 (2014)**
- Monechma spartioides* (T.Anderson) C.B.Clarke, Fl. Cap. (Harvey) 5(1): 72 (1901) = ***Justicia spartioides* T.Anderson, J. Proc. Linn. Soc., Bot. 7: 43 (1863)**

## NEURACANTHUS NEES

- Neuracanthus africanus* T.Anderson ex S.Moore var. *limpopoensis* Bidgood & Brummitt, Kew Bull. 53(1): 36 (1998); Type: Zimbabwe, Chiredzi Distr., Chipinda Pools, 20/1/1960, Goodier 855 (K, holo.; SRGH, iso.) = ***Neuracanthus africanus* T.Anderson ex S.Moore, J. Bot. 18: 37 (1880), Type: Mozambique, Lupata, 4/1860, Kirk 10 (K, holo.)**

## PERISTROPHE NEES

- Peristrophe kotschyana* Nees, Prodr. [A. P. de Candolle] 11: 497 (1847); Type: Sudan 'ad montem Cordofanum Arasch-Cool', Kotschy 161 (K, lecto.); non Schimper 1095, type of *Peristrophe schimperiana* Hochst. ex Nees. Lectotype designated by Darbyshire & Vollesen, Kew Bull. 62(1): 123 (2007). = ***Dicliptera paniculata* (Forssk.) I.Darbysh., Kew Bull. 62(1): 122 (2007), Type: Yemen, Forsskal 385 (C, microfiche 38: III. 3 - 4, lecto.; K, photo.) Lectotype designated by Wood et al., Kew Bull. 38: 451 (1983).**
- Peristrophe transvaalensis* (C.B.Clarke) K.Balkwill, S. African J. Bot. 51(6): 489 (1985) = ***Dicliptera transvaalensis* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 92 (1901), Type: South Africa, Limpopo [Transvaal], no locality, n.d., Holub s.n. (K, holo.)**

## RUELLIA L.

- Ruellia otaviensis* P.G.Mey., Mitt. Bot. Statssamml. München 2: 171 (1956); Type: Namibia, Grootfontein, Asis Farm, 8.U939, Vott 694 (M, holo.) = ***Ruellia prostrata* Poir., Encycl. [J. Lamarck & al.] 6(1): 349 (1804), Type: 'India', Dupuis s.n. (P, holo.)**
- Ruellia ovata* Thunb., Prodr. Pl. Cap. 2: 104 (1800), p.p., sensu C.B.Clarke (1901) = ***Ruellia cordata* Thunb., Prodr. Pl. Cap. 2: 104 (1800), Type: South Africa, n.d., Herb. Thunberg (UPS, holo.)**

## SIPHONOGLOSSA OERST.

- Siphonoglossa leptantha* (Nees) Immelman, Bothalia 19(2): 209 (1989) = ***Justicia tubulosa* (E.Mey. ex Nees) T.Anderson subsp. *tubulosa***

## AGAPANTHACEAE

### AGAPANTHUS L'HÉR.

*Agapanthus comptonii* F.M.Leight. subsp. *longitubus* F.M.Leight. = *Agapanthus praecox* Willd. subsp. *minimus* (Lindl.) F.M.Leight.

*Agapanthus dyeri* F.M.Leight. = *Agapanthus inapertus* P.Beauv. subsp. *intermedius* F.M.Leight.

*Agapanthus nutans* F.M.Leight. = *Agapanthus caulescens* Spreng. subsp. *gracilis* (F.M.Leight.) F.M.Leight.

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## AGAVACEAE

### ANTHERICUM L.

*Anthericum galpinii* Baker = *Chlorophytum galpinii* (Baker) Kativu

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## AIZOACEAE

### APTENIA N.E.BR.

*Aptenia cordifolia* (L.f.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum cordifolium* L.f., Suppl. Pl.: 260 (1782)

*Aptenia geniculiflora* (L.) Bittrich ex Gerbaulet, Illustr. Handb. Succ. Pl.: Aizoaceae A-E (ed. H.E.K.Hartmann) 67 (2002) = *Mesembryanthemum geniculiflorum* L., Fl. Aegypt.-Arab.: 98 (1775)

*Aptenia haeckeliana* (A.Berger) Bittrich ex Gerbaulet, Illustr. Handb. Succ. Pl.: Aizoaceae A-E (ed. H.E.K.Hartmann) 68 (2002) = *Mesembryanthemum haeckelianum* A.Berger, Bot. Jahrb. Syst. 45(2): 224 (1910)

*Aptenia lancifolia* L.Bolus, J. S. African Bot. 25: 371 (1959) = *Mesembryanthemum lancifolium* (L.Bolus) Klak, Taxon 56(3): 750 (2007)

### ARIDARIA N.E.BR.

*Aridaria brevicarpa* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 2: 33 (1929) = *Mesembryanthemum brevicarpum* (L.Bolus) Klak, Taxon 56(3): 750 (2007)

*Aridaria noctiflora* (L.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum noctiflorum* L. subsp. *noctiflorum*

*Aridaria noctiflora* (L.) Schwantes subsp. *defoliata* (Haw.) Gerbaulet, Bot. Jahrb. Syst. 118(1): 50 (1996) = *Mesembryanthemum noctiflorum* L. subsp. *defoliatum* (Haw.) Klak, Taxon 56(3): 750 (2007)

*Aridaria noctiflora* (L.) Schwantes subsp. *straminea* (Haw.) Gerbaulet, Bot. Jahrb. Syst. 118(1): 52 (1996) = *Mesembryanthemum noctiflorum* L. subsp. *stramineum* (Haw.) Klak, Taxon 56(3): 750 (2007)

*Aridaria serotina* L.Bolus, J. Bot. 66: 196 (1928) = *Mesembryanthemum serotinum* (L.Bolus) Klak, Taxon 56(3): 750 (2007)

*Aridaria vespertina* L.Bolus, Ann. Bolus Herb. 4: 127 (1928) = *Mesembryanthemum occidentale* Klak, Taxon 56(3): 750 (2007), nom. nov., pro *Aridaria vespertina* L.Bolus (1928), non *Mesembryanthemum vespertinum* A.Berger (1908) = *Bergeranthus vespertinus* (A.Berger) Schwantes

### ASPAZOMA N.E.BR.

*Aspazoma amplexens* (L.Bolus) N.E.Br., Gen. S. Afr. Fl. Pl. [Philips]: 244 (1926) = *Mesembryanthemum amplexens* L.Bolus, Ann. S. African Mus. 9: 153 (1913)

## **BROWNANTHUS SCHWANTES**

- Brownanthus arenosus* (Schinz) Ihlenf. & Bittrich, Bot. Jahrb. Syst. 105(3): 316 (1984) = ***Mesembryanthemum arenosum* Schinz, Bull. Herb. Boissier v. App. 3: 79 (1897)**
- Brownanthus ciliatus* (Aiton) Schwantes, Z. Sukkulantenk. 3: 21 (1927) = ***Mesembryanthemum vaginatum* Lam., Encycl. [J. Lamarck & al.] 2(2): 478 (1788)**
- Brownanthus corallinus* (Thunb.) Ihlenf. & Bittrich, Bot. Jahrb. Syst. 105(3): 316 (1985) = ***Mesembryanthemum corallinum* Thunb., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 8(Append.): 12 (1791)**
- Brownanthus fraternus* Klak, Bothalia 30(1): 37 (2000) = ***Mesembryanthemum napierense* Klak, Taxon 56(3): 752 (2007), nom. nov., pro *Brownanthus fraternus* Klak (2000), non *Mesembryanthemum fraternum* N.E.Br. (1913) = *Conophytum fraternum* (N.E.Br.) N.E.Br.**
- Brownanthus glareicola* Klak, Bothalia 30(1): 37 (2000) = ***Mesembryanthemum glareicola* (Klak) Klak, Taxon 56(3): 752 (2007)**
- Brownanthus lignescens* Klak, Bradleya 21: 114 (2003) = ***Mesembryanthemum springbokense* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Brownanthus lignescens* Klak (2003), non *Mesembryanthemum lignescens* (L.Bolus) Klak**
- Brownanthus marlothii* (Pax) Schwantes, Z. Sukkulantenk. 3: 21 (1927) = ***Mesembryanthemum marlothii* Pax, Bot. Jahrb. Syst. 10(1-2): 13 (1888)**
- Brownanthus neglectus* S.M.Pierce & Gerbaulet, Aloe 34(1-2): 43 (1997) = ***Mesembryanthemum neglectum* (S.M.Pierce & Gerbaulet) Klak, Taxon 56(3): 752 (2007)**
- Brownanthus nucifer* (Ihlenf. & Bittrich) S.M.Pierce & Gerbaulet, Aloe 34(1-2): 44 (1997) = ***Mesembryanthemum nucifer* (Ihlenf. & Bittrich) Klak, Taxon 56(3): 752 (2007)**
- Brownanthus pseudoschlichtianus* S.M.Pierce & Gerbaulet, Aloe 34(1-2): 43 (1997) = ***Mesembryanthemum pseudoschlichtianum* (S.M.Pierce & Gerbaulet) Klak, Taxon 56(3): 753 (2007)**
- Brownanthus pubescens* (N.E.Br. ex C.A.Maass) Bullock, Bull. Misc. Inform. Kew 1937(10): 495 (1937) = ***Mesembryanthemum tomentosum* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Trichocyclus pubescens* N.E.Br. ex C.A.Maass (1928), non *Mesembryanthemum pubescens* Haw. (1795) = *Gibbaeum pubescens* (Haw.) N.E.Br.**
- Brownanthus schenckii* (Schinz) Schwantes, Z. Sukkulantenk. 3: 21 (1927) = ***Mesembryanthemum schenckii* Schinz, Bull. Herb. Boissier 5, App. 3: 80 (1897)**
- Brownanthus vaginatus* (Lam.) Chess. & M.Pignal, Bothalia 35(1): 33 (2005) = ***Mesembryanthemum vaginatum* Lam., Encycl. [J. Lamarck & al.] 2(2): 478 (1788)**

## **CAULIPSOLON KLAK**

- Caulipsolon rapaceum* (Jacq.) Klak, Ill. Handb. Succ. Pl. Aizoaceae A-E: 103 (2002) = ***Mesembryanthemum rapaceum* Jacq., Fragm. Bot.: 43, t. 52. f. 1 (1809)**

## **CONOPHYTUM N.E.BR.**

- Conophytum archeri* Lavis = ***Conophytum piluliforme* (N.E.Br.) N.E.Br. subsp. *piluliforme***
- Conophytum gratum* (N.E.Br.) N.E.Br. = ***Conophytum jucundum* (N.E.Br.) N.E.Br.**
- Conophytum lambertense* Schick & Tischer = ***Conophytum obcordellum* (Haw.) N.E.Br.**
- Conophytum pearsonii* N.E.Br. = ***Conophytum minutum* (Haw.) N.E.Br. var. *pearsonii* (N.E.Br.) Boom**

## **CORPUSCULARIA SCHWANTES**

- Corpuscularia gracilis* (L.Bolus) H.E.K.Hartmann, Ill. Handb. Succ. Pl. Aizoaceae 1: 177 (2001), nom.illegit. = ***Corpuscularia gracillima* (L.Bolus) Niederle, Bothalia 42(1): 49 (2012)**



## **DACTYLOPSIS N.E.BR.**

*Dactylopsis digitata* (Aiton) N.E.Br., Gen. S. Afr. Fl. Pl. [Philips]: 244 (1926) =

***Mesembryanthemum digitatum* Aiton subsp. *digitatum***

*Dactylopsis digitata* (Aiton) N.E.Br. subsp. *littlewoodii* (L.Bolus) Klak, Kew Bull. 61(3): 397 (2006) = ***Mesembryanthemum digitatum* Aiton subsp. *littlewoodii* (L.Bolus) Klak, Taxon 56(3): 752 (2007)**

## **DOROTHEANTHUS SCHWANTES**

*Dorotheanthus apetalus* (L.f.) N.E.Br., Möller's Deutsche Gärtn.-Zeitung 43: 400 (1928) =

***Cleretum apetalum* (L.f.) N.E.Br., Gard. Chron. Ser. 3, 82: 228 (1927)**

*Dorotheanthus bellidiformis* (Burm.f.) N.E.Br. = ***Cleretum bellidiforme* (Burm.f.) G.D.Rowley, Bailey 20(4): 139 (1979)**

*Dorotheanthus bellidiformis* (Burm.f.) N.E.Br. subsp. *hesternmalensis* Ihlenf. & Struck = ***Cleretum bellidiforme* (Burm.f.) G.D.Rowley, Bailey 20(4): 139 (1979)**

*Dorotheanthus booyensii* L.Bolus = ***Cleretum booyensii* (L.Bolus) Klak, Taxon 61(2): 304 (2012)**

*Dorotheanthus clavatus* (Haw.) Struck = ***Cleretum clavatum* (Haw.) Klak, Taxon 61(2): 304 (2012)**

*Dorotheanthus maughanii* (N.E.Br.) Ihlenf. & Struck = ***Cleretum maughanii* (N.E.Br.) Klak, Taxon 61(2): 304 (2012)**

## **DROSANTHEMOPSIS RAUSCHERT**

*Drosanthemopsis salaria* (L.Bolus) Rauschert = ***Jacobsenia vaginata* (L.Bolus) Ihlenf.**

## **DROSANTHEMUM SCHWANTES**

*Drosanthemum croceum* L.Bolus = ***Drosanthemum pulchrum* L.Bolus**

*Drosanthemum insolitum* L.Bolus = ***Drosanthemum boerhavii* (Eckl. & Zeyh.)**

**H.E.K.Hartmann, Bradleya 29: 165 (2011)**

*Drosanthemum pickhardtii* L.Bolus = ***Drosanthemum speciosum* (Haw.) Schwantes**

*Drosanthemum splendens* L.Bolus = ***Drosanthemum speciosum* (Haw.) Schwantes**

*Drosanthemum strictifolium* L.Bolus = ***Drosanthemum boerhavii* (Eckl. & Zeyh.)**

**H.E.K.Hartmann, Bradleya 29: 165 (2011)**

## **ESTERHUYSENIA L.BOLUS**

*Esterhuysenia grahambeckii* Van Jaarsv., Bradleya 29: 47 (2011) = ***Roosia grahambeckii* (Van Jaarsv.) Van Jaarsv., Bradleya 35: 154 (2017), Type: South Africa, Western Cape, Rooiberg, sheer south-facing cliffs, Van Jaarsveld & Van der Spuy 23555 (PRE, holo.)**

## **MITROPHYLLUM SCHWANTES**

*Mitrophyllum pillansii* N.E.Br., p.p. = ***Mitrophyllum grande* N.E.Br.**

## **MUIRIA N.E.BR.**

*Muiria hortenseae* N.E.Br., Gardn. Chron, ser. 3, 81: 116, 251 (1927) = ***Gibbaeum hortenseae* (N.E.Br.) Thiede & Klak, Strelitzia 9: 705 (2000)**

## **OPOPHYTUM N.E.BR.**

*Opophytum cryptanthum* (Hook.f.) Gerbault, Bradleya 30: 197 (2012) = ***Mesembryanthemum cryptanthum* Hook.f., Hooker's Icon. Pl. 11: t. 1034 (1868)**

*Opophytum hypertrophicum* (Dinter) Gerbault, Bradleya 30: 197 (2012) = ***Mesembryanthemum hypertrophicum* Dinter, Repert. Spec. Nov. Regni Veg. Beih. 23: 63 (1923)**

## **PHYLLOBOLUS N.E.BR.**

- Phyllobolus abbreviatus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 170 (1997) =  
***Mesembryanthemum lilliputanum* Klak, Taxon 56(3): 751 (2007), nom. nov., pro *Aridaria abbreviata* L.Bolus (1930), non *Mesembryanthemum abbreviatum* Haw. (1926) =  
*Carpobrotus virescens* (Haw.) Schwantes**
- Phyllobolus amabilis* Gerbault & Struck, Haseltonia 4: 25 (1996) = ***Mesembryanthemum amabile* (Gerbault & Struck) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus bulletrapensis* (Klak) Gerbault, Bradleya 30: 197 (2012) = ***Mesembryanthemum bulletrapense* Klak, Bradleya 26: 29 (2008), Type: South Africa, Northern Cape, near Springbok, 7 km west of Bulletrap, 28/10/2006, C. Klak 1252 (BOL, holo.; E, HBG, K, NBG, iso.)**
- Phyllobolus canaliculatus* (Haw.) Bittrich, Mitt. Inst. Allg. Bot. Hamburg 21: 76 (1986) =  
***Mesembryanthemum canaliculatum* Haw., Observ. Mesembryanthemum 2: 218 (1795)**
- Phyllobolus caudatus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 171 (1997) =  
***Mesembryanthemum caudatum* L.Bolus, Ann. Bolus Herb. 2: 29 (1916)**
- Phyllobolus chrysophthalmus* Gerbault & Struck, Haseltonia 4: 26 (1996) =  
***Mesembryanthemum chrysophthalmum* (Gerbault & Struck) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus deciduus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 173 (1997) =  
***Mesembryanthemum deciduum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus decurvatus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 173 (1997) =  
***Mesembryanthemum decurvatum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus delus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 174 (1997) =  
***Mesembryanthemum delum* L.Bolus, Ann. Bolus Herb. 4: 11 (1925)**
- Phyllobolus digitatus* (Aiton) Gerbault, Bot. Jahrb. Syst. 119(2): 174 (1997) =  
***Mesembryanthemum digitatum* Aiton subsp. *digitatum***
- Phyllobolus gariensis* Gerbault & Struck, Bot. Jahrb. Syst. 119(2): 176 (1997) =  
***Mesembryanthemum gariense* (Gerbault & Struck) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus grossus* (Aiton) Gerbault, Bot. Jahrb. Syst. 119(2): 176 (1997) =  
***Mesembryanthemum grossum* Aiton, Hort. Kew. [W. Aiton] 2: 191 (1789)**
- Phyllobolus humilis* (L.Bolus) Klak, Bradleya 23: 103 (2005) = ***Mesembryanthemum holense* Klak, Taxon 56(3): 751 (2007), nom. nov., pro *Sphalmanthus humilis* L.Bolus (1962), non *Mesembryanthemum humile* Haw. (1795)**
- Phyllobolus latipetalus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 178 (1997) =  
***Mesembryanthemum latipetalum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus lignescens* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 179 (1997) =  
***Mesembryanthemum lignescens* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus melanospermus* (Dinter & Schwantes) Gerbault, Bot. Jahrb. Syst. 119(2): 179 (1997) =  
***Mesembryanthemum ligneum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus nitidus* (Haw.) Gerbault, Bot. Jahrb. Syst. 119(2): 180 (1997) =  
***Mesembryanthemum nitidum* Haw., Observ. Mesembryanthemum 2: 412 (1795)**
- Phyllobolus oculatus* (N.E.Br.) Gerbault, Bot. Jahrb. Syst. 119(2): 181 (1997) =  
***Mesembryanthemum oculatum* N.E.Br., Bull. Misc. Inform. Kew 1911(7): 313 (1911)**
- Phyllobolus prasinus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 182 (1997) =  
***Mesembryanthemum prasinum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus quartziticus* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 184 (1997) =  
***Mesembryanthemum quartziticola* Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus rabiei* (L.Bolus) Gerbault, Bot. Jahrb. Syst. 119(2): 184 (1997) =  
***Mesembryanthemum rabiei* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus resurgens* (Kensit) Schwantes, Gartenflora 77: 68 (1928) = ***Mesembryanthemum resurgens* Kensit, Trans. Roy. Soc. South Africa 1: 154 (1909)**

- Phyllobolus roseus* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 119(2): 186 (1997) =  
***Mesembryanthemum vanheerdei* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus saturatus* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 119(2): 186 (1997) =  
***Mesembryanthemum baylissii* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus sinuosus* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 119(2): 187 (1997) =  
***Mesembryanthemum sinuosum* L.Bolus, Ann. Bolus Herb. 4: 14 (1925)**
- Phyllobolus spinuliferus* (Haw.) Gerbaulet, Bot. Jahrb. Syst. 119(2): 188 (1997) =  
***Mesembryanthemum spinuliferum* Haw., Observ. Mesembryanthemum 2: 206 (1795)**
- Phyllobolus splendens* (L.) Gerbaulet, Bot. Jahrb. Syst. 119(2): 189 (1997) =  
***Mesembryanthemum splendens* L. subsp. *splendens***
- Phyllobolus splendens* (L.) Gerbaulet subsp. *pentagonus* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 119(2): 193 (1997) =  
***Mesembryanthemum splendens* L. subsp. *pentagonum* (L.Bolus) Klak, Taxon 56(3): 752 (2007)**
- Phyllobolus suffruticosus* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 119(2): 194 (1997) =  
***Mesembryanthemum suffruticosum* (L.Bolus) Klak, Taxon 56(3): 751 (2007)**
- Phyllobolus tenuiflorus* (Jacq.) Gerbaulet, Bot. Jahrb. Syst. 119(2): 194 (1997) =  
***Mesembryanthemum tenuiflorum* Jacq., Fragm. Bot.: 44. t. 32. f. 3 (1809)**
- Phyllobolus trichotomus* (Thunb.) Gerbaulet, Bot. Jahrb. Syst. 119(2): 195 (1997) =  
***Mesembryanthemum trichotomum* Thunb., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 8(Append.): 14 (1791)**
- Phyllobolus viridiflorus* (Aiton) Gerbaulet, Bot. Jahrb. Syst. 119(2): 196 (1997) =  
***Mesembryanthemum viridiflorum* Aiton, Hort. Kew. [W. Aiton] 2: 196 (1789)**

## **PRENIA N.E.BR.**

- Prenia englishiae* (L.Bolus) Gerbaulet, Bot. Jahrb. Syst. 118(1): 30 (1996) =  
***Mesembryanthemum englishiae* L.Bolus, Ann. Bolus Herb. 3: 125 (1922)**
- Prenia pallens* (Aiton) N.E.Br., Gard. Chron. Ser. 3, 84: 268 (1928) = ***Mesembryanthemum pallens* Aiton subsp. *pallens***
- Prenia pallens* (Aiton) N.E.Br. subsp. *lancea* (Thunb.) Gerbaulet, Bot. Jahrb. Syst. 118(1): 32 (1996) =  
***Mesembryanthemum pallens* Aiton subsp. *lanceum* (Thunb.) Klak, Taxon 56(3): 752 (2007)**
- Prenia pallens* (Aiton) N.E.Br. subsp. *namaquensis* Gerbaulet, Bot. Jahrb. Syst. 118(1): 34 (1996) =  
***Mesembryanthemum pallens* Aiton subsp. *namaquense* (Gerbaulet) Klak, Taxon 56(3): 752 (2007)**
- Prenia pallens* (Aiton) N.E.Br. var. *lutea* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 259 (1954) =  
***Mesembryanthemum pallens* Aiton subsp. *luteum* (L.Bolus) Klak, Taxon 56(3): 752 (2007)**
- Prenia sladeniana* (L.Bolus) L.Bolus, S. African Gard. 19: 49 (1929) = ***Mesembryanthemum sladenianum* L.Bolus, Ann. S. African Mus. 9: 152 (1913)**
- Prenia tetragona* (Thunb.) Gerbaulet, Bot. Jahrb. Syst. 118(1): 36 (1996) = ***Mesembryanthemum tetragonum* Thunb., Prodr. Pl. Cap. 2: 91 (1800)**
- Prenia vanrensburgii* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 258 (1954) =  
***Mesembryanthemum vanrensburgii* (L.Bolus) Klak, Taxon 56(3): 752 (2007)**

## **PSILOCAULON N.E.BR.**

- Psilocaulon articulatum* (Thunb.) N.E.Br., Gen. S. Afr. Fl. Pl. [Philips]: 248 (1926) =  
***Mesembryanthemum articulatum* Thunb., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 8(Append.): 10 (1791)**
- Psilocaulon bicornis* (Sond.) Schwantes, Gartenflora 77: 69 (1928) = ***Mesembryanthemum bicornis* Sond., Fl. Cap. (Harvey) 2: 434 (1862)**
- Psilocaulon coriarium* (Burch. ex N.E.Br.) N.E.Br., Gard. Chron. Ser. 3, 84: 254 (1928) =  
***Mesembryanthemum coriarium* Burch. ex N.E.Br., Trav. S. Africa 1: 243 (1822)**

- Psilocaulon dinteri* (Engl.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum dinteri* Engl., Bot. Jahrb. Syst. 43(1-2): 197 (1909)
- Psilocaulon foliosum* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 2: 100, 142 (1929) = *Mesembryanthemum neofoliosum* Klak, Taxon 56(3): 753 (2007), nom. nov., pro *Psilocaulon foliosum* L.Bolus (1929), non *Mesembryanthemum foliosum* Haw. (1803) = *Ruschia foliosa* (Haw.) Schwantes
- Psilocaulon granulicaule* (Haw.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum granulicaule* Haw., Till. Phil. Mag. 64: 427 (1824)
- Psilocaulon junceum* (Haw.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum junceum* Haw., Misc. Nat.: 59 (1803)
- Psilocaulon leptarthron* (A.Berger) N.E.Br., Gard. Chron. Ser. 3, 84: 254 (1928) = *Mesembryanthemum leptarthron* A.Berger, Bot. Jahrb. Syst. 57(5): 628 (1922)
- Psilocaulon parviflorum* (Jacq.) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum parviflorum* Jacq., Pl. Rar. Hort. Schoenbr. 3: 15 (1798)
- Psilocaulon salicornioides* (Pax) Schwantes, Gartenflora 77: 69 (1928) = *Mesembryanthemum salicornioides* Pax, Bot. Jahrb. Syst. 19(1): 133 (1894)
- Psilocaulon subnodosum* (A.Berger) N.E.Br., Gard. Chron. Ser. 3, 84: 254 (1928) = *Mesembryanthemum subnodosum* A.Berger, Bot. Jahrb. Syst. 57(5): 628 (1922)

### **SCELETIUM N.E.BR.**

- Sceletium crassicaule* (Haw.) L.Bolus, S. African Gard. 17: 399 (1927) = *Mesembryanthemum crassicaule* Haw., Till. Phil. Mag. 64: 425 (1824)
- Sceletium emarcidum* (Thunb.) L.Bolus ex H.Jacobsen, Handb. Succ. Pl. [Jacobsen] 3: 1411 (1960) = *Mesembryanthemum emarcidum* Thunb., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 8(Append.): 9 (1791)
- Sceletium exalatum* Gerbaulet, Bot. Jahrb. Syst. 118(1): 17 (1996) = *Mesembryanthemum exalatum* (Gerbaulet) Klak, Taxon 56(3): 752 (2007)
- Sceletium expansum* (L.) L.Bolus, S. African Gard. 17: 399 (1927) = *Mesembryanthemum expansum* L., Syst. Nat., ed. 10. 2: 1059 (1759)
- Sceletium rigidum* L.Bolus, S. African Gard. 18: 279 (1928) = *Mesembryanthemum archeri* (L.Bolus) Klak, Taxon 56(3): 752 (2007)
- Sceletium strictum* L.Bolus, S. African Gard. 17: 399 (1927) = *Mesembryanthemum ladismithiense* Klak, Taxon 56(3): 752 (2007), nom. nov. pro *Sceletium strictum* L.Bolus (1927), non *Mesembryanthemum strictum* Haw. (1803)
- Sceletium tortuosum* (L.) N.E.Br., Gen. S. Afr. Fl. Pl.: 245 (1926) = *Mesembryanthemum tortuosum* L., Sp. Pl. 1: 487 (1753)
- Sceletium varians* (Haw.) Gerbaulet, Bot. Jahrb. Syst. 118(1): 20 (1996) = *Mesembryanthemum varians* Haw., Misc. Nat.: 51 (1803)

### **TETRAGONIA L.**

*Tetragonia dimorphantha* Pax = *Tribulocarpus dimorphanthus* (Pax) S.Moore

### **VOLKERANTHUS GERBAULET**

- Volkeranthus aitonis* (Jacq.) Gerbaulet, Bradleya 30: 196 (2012) = *Mesembryanthemum aitonis* Jacq., Hort. Vindob. 3: 8 (1777), Type: Jacquin, Hort. Vindob. 3: t.7, 1776 (lecto.) Lectotype designated by Klak et al., South African Journal of Botany 95: 118 (2014).
- Volkeranthus longistylus* (DC.) Gerbaulet, Bradleya 30: 196 (2012) = *Mesembryanthemum longistylum* DC., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 315 (1837), Type: De Candolle, Plantes Grasses: t. 147 (1804) (lecto.) Lectotype designated by Klak et al., South African Journal of Botany 95: 120 (201).

## ALLIACEAE

### **ALLIUM L.**

*Allium dregeanum* Kunth, Enum. Pl. [Kunth] 4: 382 (1843) = *Allium synnotii* G.Don, Mem. Wern. Soc. 6: 19 (1827)

### **PROTOTULBAGHIA VOSA**

*Prototulbaghia siebertii* Vosa, Caryologia 60(3): 277 (2007) = *Tulbaghia siebertii* (Vosa) Mich.Möller & G.I.Stafford, Bot. J. Linn. Soc. 181(2): 167 (2016), Type: South Africa, Limpopo, Pilgrim's Rest: Leolo Mountains, Sekhukhuneland, c. 15 km from Schoonoord on mountain road, 4 December 2000, A. E. van Wyk & S. Siebert 1304 (PRU, holo.)

### **TULBAGHIA L.**

*Tulbaghia cepacea* L.f. var. *maritima* Vosa, Ann. Bot. (Italy) 34: 116 (1977) = *Tulbaghia maritima* Vosa, *Herbertia* 65: 61 (2012)

*Tulbaghia violacea* Harv. var. *maritima* Vosa = *Tulbaghia maritima* Vosa, *Herbertia* 65: 61 (2012)

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## AMARANTHACEAE

### **BASSIA ALL.**

*Bassia diffusa* (Thunb.) Kuntze, Revis. Gen. Pl. 2: 546 (1891) = *Chenolea diffusa* Thunb., Nov. Gen. Pl. [Thunberg] 1: 10 (1781)

### **CHENOPODIUM L.**

*Chenopodium ambrosioides* L. = *Dysphania ambrosioides* (L.) Mosyakin, Ukrayins'k. Bot. Zhurn. 59(4): 382 (2002)

*Chenopodium cristatum* (F.Muell.) F.Muell. = *Dysphania cristata* (F.Muell.) Mosyakin, Ukrayins'k. Bot. Zhurn. 59(4): 382 (2002)

### **HALOSARCIA PAUL G.WILSON**

*Halosarcia indica* (Willd.) Paul G.Wilson, Nuytsia 3: 63 (1980) = *Tecticornia indica* (Willd.) K.A.Sheph. & Paul G.Wilson, Austral. Syst. Bot. 20(4): 327 (2007), Type: India, Tranquebar, J.G. Klein (B, holo.; K, iso.)

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## AMARYLLIDACEAE

### **AMMOCHARIS HERB.**

*Ammocharis falcata* Herb. = *Ammocharis longifolia* (L.) M.Roem.

### **BOKKEVELDIA U.MÜLL.-DOBLIES & D.MÜLL.-DOBLIES**

*Bokkeveldia watermeyeri* (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies = *Strumaria watermeyeri* L.Bolus

### **CYRTANTHUS AITON**

*Cyrtanthus lutescens* Herb. = *Cyrtanthus ochroleucus* (Herb.) Burch. ex Steud.

*Cyrtanthus mackenii* Hook.f. var. *cooperi* (Baker) R.A.Dyer = *Cyrtanthus mackenii* Hook.f. subsp. *cooperi* (Baker) Snijman

### **GETHYLLIS L.**

*Gethyllis polyanthera* Sol. ex Britten, J. Bot. 22: 148 (1884), nom.superfl. = *Gethyllis ciliaris* (Thunb.) Thunb. subsp. *ciliaris*

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## ANACAMPSEROTACEAE

### **ANACAMPSEROS L.**

*Anacampseros lubbersii* Bleck = *Anacampseros subnuda* Poelln. subsp. *lubbersii* (Bleck)

#### **Gerbaulet**

*Anacampseros papyracea* E.Mey. ex Fenzl, nom.superfl. = *Avonia papyracea* (E.Mey. ex Fenzl)

#### **G.D.Rowley subsp. papyracea**

*Anacampseros recurvata* Schönland = *Avonia recurvata* (Schönland) G.D.Rowley

### **AVONIA (E.MEY. EX FENZL) G.D.ROWLEY**

*Avonia gariensis* G. Will., Aloe 43(1): 14 (2006) = *Anacampseros gariensis* (G. Will.)

#### **Dreher, Avonia 33(3): 121 (2015)**

*Avonia quinaria* (E.Mey. ex Fenzl) G.D.Rowley = *Anacampseros quinaria* E.Mey. ex Fenzl

*Avonia quinaria* (E.Mey. ex Fenzl) G.D.Rowley subsp. *alstonii* (Schönland) G.D.Rowley =

#### ***Anacampseros quinaria* E.Mey. ex Fenzl**

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## ANACARDIACEAE

### **HEERIA MEISN.**

*Heeria paniculosa* (Sond.) Kuntze = *Ozoroa paniculosa* (Sond.) R.Fern. & A.Fern. var. *paniculosa*

### **RHUS L.**

*Rhus gracillima* Engl. = *Searsia gracillima* (Engl.) Moffett

*Rhus incisa* L.f. = *Searsia incisa* (L.f.) F.A.Barkley

*Rhus laevigata* L. = *Searsia laevigata* (L.) F.A.Barkley

*Rhus lucida* L. = *Searsia lucida* (L.) F.A.Barkley

*Rhus magalismsontana* Sond. = *Searsia magalismsontana* (Sond.) Moffett

*Rhus nebulosa* Schönland = *Searsia nebulosa* (Schönland) Moffett

*Rhus rehmanniana* Engl. = *Searsia rehmanniana* (Engl.) Moffett

*Rhus rigida* Mill. = *Searsia rigida* (Mill.) F.A.Barkley

*Rhus scytophylla* Eckl. & Zeyh. = *Searsia scytophylla* (Eckl. & Zeyh.) Moffett

*Rhus succedanea* L., insufficiently known taxon = *Toxicodendron succedaneum* (L.) Kuntze, **Revis. Gen. Pl. 1: 154 (1891)**

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## APIACEAE

### **CENTELLA L.**

*Centella hermannifolia* (Eckl. & Zeyh.) Domin = *Centella tridentata* (L.f.) Drude ex Domin

### **DIPLOLOPHIUM TURCZ.**

*Diplolophium buchananii* (Benth. ex Oliv.) C.Norman subsp. *swynnertonii* (Baker f.) Cannon,

Notes Roy. Bot. Gard. Edinburgh 32(2): 200 (1973) = *Diplolophium swynnertonii* (Baker f.)

C.Norman, **J. Bot. 61: 57 (1923)**, Type: Zimbabwe, Melsetter, Swynnerton 649 (BM)

### **HERMAS L.**

*Hermas pillansii* C.Norman, **J. Bot. 66: 195 (1928)**; Type: South Africa. Western Cape Province,

Simonstown district: Cape Peninsula, krantz on south side of Noordhoek mountains, 15

January 1922, Pillans 4171 (BOL, holo.) = *Hermas lanata* (Hill) Magee, **Syst. Bot. 40(1):**

**361 (2015)**, Type: South Africa. Western Cape: Cape of Good Hope, in Burman, **Rar.**

**Afric. Pl.: t. 72, Fig. 3. 1738.** (lectotype). Epitype: Magee, Nicolas & Plunkett 484 (NBG).

Designated by Magee et al., **Syst. Bot. 40: 361 (2015)**.

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## APOCYNACEAE

### **ASCLEPIAS L.**

*Asclepias xysmalobioides* Hilliard & B.L.Burt, Notes Roy. Bot. Gard. Edinburgh 43(2): 193 (1986), non S.Moore (1912); SOUTH AFRICA. KwaZulu-Natal Province, Underberg, near Tarn Cave, Bushman's Neck, 19 January 1984, elevation 2440 m, Hilliard & Burt 17342 (NU, holo.; E, K, PRE, PRF, S, iso.) = *Asclepias montevaga* M.Glen, Nicholas & Bester, *Phytotaxa* 202(3): 233 (2015), SOUTH AFRICA. KwaZulu-Natal Province, Underberg, near Tarn Cave, Bushman's Neck, 19 January 1984, elevation 2440 m, Hilliard & Burt 17342 (NU, holo.; E, K, PRE, PRF, S, iso.)

### **CARISSA L.**

*Carissa edulis* Vahl, Symb. Bot. (Vahl) 1: 22 (1790); Type: Yemen, Mts Hadie, Forskal 234 (C-FORSK, holo.; BM, S, iso.) = *Carissa spinarum* L., Mant. Pl. Altera: 559 (1771), Type: India, sin.loc., Koenig s.n. (LINN 295.2, lecto.; C, putative isolecto.) Lectotype designated by Huber, Apocynaceae in Fl. Ceylon 1: 9 (1973).

*Carissa haematocarpa* (Eckl.) A.DC., Prodr. [A. P. de Candolle] 8: 336 (1844) = *Carissa bispinosa* (L.) Desf. ex Brenan, Mem. New York Bot. Gard. 8: 502 (1954), Type: Miller, Icon. 2: t. 300 (1760)

### **CYNANCHUM L.**

*Cynanchum validum* N.E.Br., Fl. Trop. Afr. [Oliver et al.] 4(1.3): 398 (1903) = *Schizostephanus alatus* Hochst. ex K.Schum., Bot. Jahrb. Syst. 17(1-2): 139 (1893)

### **DUVALIA HAW.**

*Duvalia gracilis* Meve = *Duvalia modesta* N.E.Br.

### **HUERNIA R.BR.**

*Huernia bayeri* L.C.Leach = *Huernia thuretii* F.Cels

*Huernia brevirostris* N.E.Br. = *Huernia thuretii* F.Cels

*Huernia brevirostris* N.E.Br. subsp. *baviaana* L.C.Leach = *Huernia thuretii* F.Cels

*Huernia brevirostris* N.E.Br. subsp. *intermedia* (N.E.Br.) L.C.Leach = *Huernia thuretii* F.Cels

*Huernia brevirostris* N.E.Br. var. *ecornuta* (N.E.Br.) A.C.White & B.Sloane = *Huernia thuretii* F.Cels

*Huernia campanulata* (Masson) Haw. = *Huernia barbata* (Masson) Haw. subsp. *barbata*

*Huernia clavigera* (Jacq.) Haw. = *Huernia barbata* (Masson) Haw. subsp. *barbata*

*Huernia echidnopsioides* (L.C.Leach) L.C.Leach, Excelsa, Taxon. Ser. 4: 51 (1988)

*Huernia guttata* (Masson) Haw. subsp. *calitzdorpensis* L.C.Leach = *Huernia guttata* (Masson) Haw. subsp. *guttata*

*Huernia thudichumii* L.C.Leach = *Huernia humilis* (Masson) Haw.

*Huernia thuretii* F.Cels var. *primulina* (N.E.Br.) L.C.Leach = *Huernia thuretii* F.Cels

*Huernia venusta* (Masson) Haw. = *Huernia guttata* (Masson) Haw. subsp. *guttata*

*Huernia zebrina* N.E.Br. subsp. *magniflora* (E.Phillips) L.C.Leach, Fl. Pl. South Africa 16: t. 613 (1936) = *Huernia zebrina* N.E.Br. subsp. *zebrina*

### **ISCHNOLEPIS JUM. & H.PERRIER**

*Ischnolepis natalensis* (Schltr.) Venter, Ann. Missouri Bot. Gard. 88: 565 (2001) = *Petopentia natalensis* (Schltr.) Bullock, Kew Bull. 9(2): 362 (1954), Type: South Africa. KwaZulu-Natal, Port Shepstone (3030), "Umbogotwino" [Umbogintwini] (-BB), not far from "Umlaas" [Umlazi], flowered in the Natal Botanic Garden in July 1886, Wood 3634 (K,

neo.) Neotype designated by Venter & Venter, South African Journal of Botany 88: 427 (2013).

## **LAVRANIA PLOWES**

*Lavrania cactiformis* (Hook.) Bruyns = *Larryleachia cactiformis* (Hook.) Plowes

*Lavrania marlothii* (N.E.Br.) Bruyns = *Larryleachia marlothii* (N.E.Br.) Plowes

*Lavrania picta* (N.E.Br.) Bruyns = *Larryleachia picta* (N.E.Br.) Plowes

## **MARSDENIA R.BR.**

*Marsdenia floribunda* (E.Mey.) N.E.Br. = *Marsdenia dregea* (Harv.) Schltr.

## **SARCOSTEMMA R.BR.**

*Sarcostemma pearsonii* N.E.Br., Bull. Misc. Inform. Kew 1913(8): 301 (1913) = *Cynanchum pearsonianum* Liede & Meve, Kew Bull. 67(4): 753 (2012), non *Cynanchum pearsonii* N.E.Br. (1914), Type: Namibia, Great Karasberg, on stony plains SW of Krai Kloof, 19 Jan. 1913, Pearson 8460 (K, holo.; BOL, iso.)

*Sarcostemma viminale* (L.) R.Br., Prodr. Fl. Nov. Holland.: 464 (1810) = *Cynanchum viminale* (L.) Bassi subsp. *viminale*

*Sarcostemma viminale* (L.) R.Br. subsp. *orangeanum* Liede & Meve, Bot. J. Linn. Soc. 112(1): 7 (1993) = *Cynanchum viminale* (L.) Bassi subsp. *orangeanum* (Liede & Meve) Liede & Meve, Kew Bull. 67(4): 754 (2012), Type: South Africa, Northern Cape, 11.4 km E Kuruman, Liede & Meve 579 (K, holo.; MSUN, iso.)

*Sarcostemma viminale* (L.) R.Br. subsp. *suberosum* Meve & Liede, Bot. J. Linn. Soc. 120(1): 35 (1996) = *Cynanchum viminale* (L.) Bassi subsp. *suberosum* (Meve & Liede) Goyder, Kew Bull. 63(3): 472 (2009)

*Sarcostemma viminale* (L.) R.Br. subsp. *thunbergii* (G.Don) Liede & Meve, Bot. J. Linn. Soc. 112(1): 10 (1993) = *Cynanchum viminale* (L.) Bassi subsp. *thunbergii* (G.Don) Liede & Meve, Kew Bull. 67(4): 754 (2012), Type: South Africa, Western Cape Province, Worcester, Karoo Botanic Garden, Bayer 68 (NBG, neo.). Neotype designated by Liede & Meve, Bot. J. Linn. Soc. 112: 10 (1993).

## **STAPELIOPSIS PILLANS**

*Stapeliopsis saxatilis* (N.E.Br.) Bruyns subsp. *stayneri* (M.B.Bayer) Bruyns, Cact. Succ. J. Gr. Brit. 43(2-3): 79 (1981) = *Stapeliopsis stayneri* (M.B.Bayer) Bruyns, Aloe 39(3-4): 82 (2002), Type: South Africa, Cape, about 8 km inland from Infanta on banks of Breede River, Stayner sub KG 731/71 (NBG, holo.)

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## **ARALIACEAE**

### **DIZYGOTHECA N.E.BR.**

*Dizygotheca elegantissima* (Veitch ex Mast.) R.Vig. & Guill. = *Schefflera elegantissima* (Veitch ex Mast.) Lowry & Frodin, Bailey 23(1): 9 (1989)

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## **ASPHODELACEAE**

### **ALOE L.**

*Aloe ciliaris* Haw. var. *ciliaris*, Phil. Mag. 66: 281 (1825); SOUTH AFRICA. Eastern Cape: cultivated at Kew, J. Bowie s.n. (unpublished Duncanson plate K) = *Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *ciliaris*, Phytotaxa 76(1): 10 (2013), SOUTH AFRICA. Eastern Cape: cultivated at Kew, J. Bowie s.n. (unpublished Duncanson plate K)



- Aloe ciliaris* Haw. var. *redacta* S.Carter, Kew Bull. 45(4): 643 (1990); SOUTH AFRICA. Eastern Cape: Qolora Mouth, flowered 12 February 1973 in Cape Town, W. Wisura 2640 (K000256669, holo.) = ***Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *redacta* (S.Carter) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013), SOUTH AFRICA. Eastern Cape: Qolora Mouth, flowered 12 February 1973 in Cape Town, W. Wisura 2640 (K000256669, holo.)**
- Aloe ciliaris* Haw. var. *tidmarshii* Schönland, Rec. Albany Mus. 1: 41 (1903); SOUTH AFRICA. Eastern Cape: Grahamstown, garden of Lark's Hotel, Stone's Hill, November 1900, S. Schönland 1487 (GRA0000434-0, holo.; BOL140194, iso.) = ***Aloiampelos ciliaris* (Haw.) Klopper & Gideon F.Sm. var. *tidmarshii* (Schönland) Klopper & Gideon F.Sm., Phytotaxa 76(1): 10 (2013), SOUTH AFRICA. Eastern Cape: Grahamstown, garden of Lark's Hotel, Stone's Hill, November 1900, S. Schönland 1487 (GRA0000434-0, holo.; BOL140194, iso.)**
- Aloe commixta* A.Berger, Pflanzenr. (Engler) Liliac.-Asphodel.-Aloin.: 260 (1908); SOUTH AFRICA. Western Cape: Simonstown, no date, C. Wright s.n. (K, holo.) = ***Aloiampelos commixta* (A.Berger) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013), SOUTH AFRICA. Western Cape: Simonstown, no date, C. Wright s.n. (K, holo.)**
- Aloe dichotoma* Masson, Philos. Trans. Roy. Soc. London 66: 310 (1776); SOUTH AFRICA. Cape of Good Hope, no date, C.P. Thunberg 8587 (UPS, holo.; PRE, photo) = ***Aloidendron dichotomum* (Masson) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013), SOUTH AFRICA. Cape of Good Hope, no date, C.P. Thunberg 8587 (UPS, holo.; PRE, photo)**
- Aloe dinteri* A.Berger, Neue Pfl. Deutsch-Sudwest-Afr.: 14 (1914); Namibia: Outjoi, no date, Dinter, M.K. 2791a (SAM, holo.) = ***Gonialoe dinteri* (A.Berger) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 69 (2014), Namibia: Outjoi, no date, Dinter, M.K. 2791a (SAM, holo.)**
- Aloe gracilis* Haw., Phil. Mag. 66: 280 (1825), non Baker (1880), nec Schönland; SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 96 (2000); reproduced in Reynolds (1950: 357)] = ***Aloiampelos gracilis* (Haw.) Klopper & Gideon F.Sm., Phytotaxa 76(1): 11 (2013), SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 96 (2000); reproduced in Reynolds (1950: 357)]**
- Aloe haemanthifolia* A.Berger & Marloth, Bot. Jahrb. Syst. 38(1): 85 (1905) = ***Kumara haemanthifolia* (A.Berger & Marloth) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 67 (2014), South Africa, Western Cape: Franschoek Mountains, fl. October 1904, Marloth, H.W.R. 3786 (BOL, holo.; GRA, PRE, iso.)**
- Aloe pillansii* L.Guthrie, Phytotaxa 76(1): 9 (2013); SOUTH AFRICA. Northern Cape: Cornell's Kop, west of Annisfontein, October 1926, N.S. Pillans 5012 (BOL140227, BOL140228, holo.; K000256752, iso.) = ***Aloidendron pillansii* (L.Guthrie) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013), SOUTH AFRICA. Northern Cape: Cornell's Kop, west of Annisfontein, October 1926, N.S. Pillans 5012 (BOL140227, BOL140228, holo.; K000256752, iso.)**
- Aloe plicatilis* (L.) Mill., Gard. Dict. 8: 7 (1768), nom.superfl.; Lectotype (designated by Wijnands 1983: 125): Commelijn 1701: 5, t.3 = ***Kumara plicatilis* (L.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 3 (2013), Lectotype (designated by Wijnands 1983: 125): Commelijn 1701: 5, t.3**
- Aloe ramosissima* Pillans, J. S. African Bot. 5: 66 (1939); SOUTH AFRICA. Northern Cape: Richtersveld, between Helskloof and Annisfontein, 25 July 1937, G.W. Reynolds 2547 (BOL140225, BOL140226, holo.; K000256751, PRE0111456-0, iso.) = ***Aloidendron ramosissimum* (Pillans) Klopper & Gideon F.Sm., Phytotaxa 76(1): 9 (2013), SOUTH AFRICA. Northern Cape: Richtersveld, between Helskloof and Annisfontein, 25 July 1937, G.W. Reynolds 2547 (BOL140225, BOL140226, holo.; K000256751, PRE0111456-0, iso.)**
- Aloe striatula* Haw. var. *caesia* Reynolds, Fl. Pl. South Africa 16: t. 633 (1936); SOUTH AFRICA. Eastern Cape: Near Hofmeyr, slopes of Bamboesberg, flowered November 1935 in

Pretoria, G.W. Reynolds 1607 (PRE0090488-1, PRE0090488-2, holo.;BOL140195, iso.) = *Aloiampelos striatula* (Haw.) Klopper & Gideon F.Sm. var. *caesia* (Reynolds) Klopper & Gideon F.Sm., *Phytotaxa* 76(1): 11 (2013), SOUTH AFRICA. Eastern Cape: Near Hofmeyr, slopes of Bamboesberg, flowered November 1935 in Pretoria, G.W. Reynolds 1607 (PRE0090488-1, PRE0090488-2, holo.;BOL140195, iso.)

*Aloe tenuior* Haw., *Phil. Mag.* 66: 281 (1825); SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 82 (2000), reproduced in Reynolds (1950: 347)] = *Aloiampelos tenuior* (Haw.) Klopper & Gideon F.Sm., *Phytotaxa* 76(1): 11 (2013), SOUTH AFRICA. Eastern Cape: Plate by F. Bauer (K) [Designated by Glen & Hardy, FSA: 82 (2000), reproduced in Reynolds (1950: 347)]

*Aloe tongaensis* Van Jaarsv., *Aloe* 47(3): 71 (2010); SOUTH AFRICA. KwaZulu-Natal: Sand forest southeast of Kosi Bay, 25 January 1992, E.J. van Jaarsveld & L. Powrie 12202 (PRE, holo.) = *Aloidendron tongaensis* (Van Jaarsv.) Klopper & Gideon F.Sm., *Phytotaxa* 76(1): 10 (2013), SOUTH AFRICA. KwaZulu-Natal: Sand forest southeast of Kosi Bay, 25 January 1992, E.J. van Jaarsveld & L. Powrie 12202 (PRE, holo.).

## **CHORTOLIRION A.BERGER**

*Chortolirion angolense* (Baker) A.Berger, *Pflanzenr. Liliac.-Asphodel.-Aloin.*: 73 (1908); ANGOLA. Huilla District: flowered November 1859, F.M.J. Welwitsch 3756 (BM000911693, holo.) = *Aloe welwitschii* Klopper & Gideon F.Sm., *Phytotaxa* 76(1): 12 (2013), ANGOLA. Huilla District: flowered November 1859, F.M.J. Welwitsch 3756 (BM000911693, holo.)

*Chortolirion latifolium* Zonn. & G.P.J.Fritz, *Bradleya* 28: 32 (2010); SOUTH AFRICA. Free State: Bloemfontein near airport, 24 April 2009, G.P.J. Fritz 1025 (PRE, holo.) = *Aloe jeppeae* Klopper & Gideon F.Sm., *Phytotaxa* 76(1): 12 (2013), SOUTH AFRICA. Free State: Bloemfontein near airport, 24 April 2009, G.P.J. Fritz 1025 (PRE, holo.)

*Chortolirion tenuifolium* (Engl.) A.Berger, *Pflanzenr. Liliac.-Asphodel.-Aloin.*: 73 (1908); SOUTH AFRICA. Northern Cape: Kalahari Region, near Kuruman, R. Marloth 1049 (B100165765, holo.; PRE0037837-0, iso.). = *Aloe bergeriana* (Dinter) Boatwr. & J.C.Manning, *Syst. Bot.* 39(1): 68 (2014), Namibia: Voigtland, Dinter 4295 (B, holo.).

## **HAWORTHIA DUVAL**

*Haworthia asperula* Haw., *Phil. Mag.*: 300 (1824), nom.dub. = *Haworthia mirabilis* (Haw.) Haw. var. *maraisii* (Poelln.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012), Type (icono.): Swellendam, Marais in Swellendam 6410 (B)

*Haworthia atrofusca* G.G.Sm., *J. S. African Bot.* 14: 41 (1948) = *Haworthia mirabilis* (Haw.) Haw. var. *atrofusca* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012), Type: South Africa, Dekenah 225 sub Smith 6169 (NBG)

*Haworthia attenuata* (Haw.) Haw., *Syn. Pl. Succ.* 92 (1812) = *Haworthiopsis attenuata* (Haw.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015), Type: South Africa, Eastern Cape, Sandland, 20 km east of Patensie, P.L. Perry 660 (NBG0144672, neo.) Neotype designated by Breuer & Metzger, *Taxon* 46: 4 (1997).

*Haworthia attenuata* (Haw.) Haw. var. *radula* (Jacq.) M.B.Bayer, *Haworthia Revisited*: 167 (1999); Type: 1,6 km from Hankey to Thornhill, Smith 3190 (NBG, epi.) Epitype designated by Breuer & Metzger (1997). = *Haworthiopsis attenuata* (Haw.) G.D.Rowley var. *radula* (Jacq.) G.D.Rowley, *Alsterworthia Int.* 15(1): 2 (2015), Type: South Africa, Eastern Cape: 1.6 km from Hankey to Thornhill, 1940, G.G. Smith 3190 (NBG0115013, epi.) Epitype designated by Breuer & Metzger, *Taxon* 46: 10 (1997).

*Haworthia bruynsii* M.B.Bayer, *J. S. African Bot.* 47(4): 789 (1981); Type: SE Steytlerville, Rossouw 456 (NBG) = *Haworthiopsis bruynsii* (M.B.Bayer) G.D.Rowley, *Alsterworthia Int. Special Issue* 10: 4 (2013), Type: South Africa, Eastern Cape: 20 km south east of Steytlerville, G.J. Rossouw 456 (NBG0132381, holo.)

- Haworthia coarctata* Haw., Phil. Mag.: 301 (1824) = *Haworthiopsis coarctata* (Haw.)  
**G.D.Rowley, Alsterworthia Int. Special Issue 10: 4 (2013), Type: South Africa, Eastern Cape: 16 km from Grahamstown to Bathurst, 1947, G.G. Smith 7092 (NBG0068473, neo.) Neotype designated by Breuer & Metzging, Taxon 46: 5 (1997).**
- Haworthia coarctata* Haw. var. *adelaidensis* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 172 (1999); Lectotype, designated by Breuer & Metzging (1997): [unpublished image] (B) = *Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *adelaidensis* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: (unpublished icon) “Haworthia reinwardtii Haw. var. adelaidensis v.P.” (B). Lectotype designated by Breuer & Metzging, Taxon 46: 5 (1997).*
- Haworthia coarctata* Haw. var. *coarctata* forma *greenii* (Baker) M.B.Bayer, *Haworthia Revisited*: 172 (1999); Type: Cape, Cooper 1860 (K) = *Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *coarctata*
- Haworthia coarctata* Haw. var. *tenuis* (G.G.Sm.) M.B.Bayer, *Haworthia Revisited*: 173 (1999); Type: Cape, Alexandria Dist. Smith 3420 (NBG) = *Haworthiopsis coarctata* (Haw.) G.D.Rowley var. *tenuis* (G.G.Sm.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: South Africa, Eastern Cape: Farm Harvestvale, near Alexandria, 1940, G.G. Smith 3420 (NBG0112024, holo.; NBG, iso.)*
- Haworthia fasciata* (Willd.) Haw., Revis. Pl. Succ.: 57 (1819); Neotype, designated by Breuer & Metzging (1997): Hankey, Stayner s.n. NBG110360 (NBG) = *Haworthiopsis fasciata* (Willd.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013)*
- Haworthia glauca* Baker, J. Linn. Soc., Bot. 18: 203 (1880) = *Haworthiopsis glauca* (Baker) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: South Africa, Cape: Without locality, 1862, T. Cooper s.n. (K0256759, holo.)*
- Haworthia glauca* Baker var. *herrei* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 122 (1976); Type: Campherspoort, Barker 5069 (NBG, neo.) Neotype designated by Breuer & Metzging (1997). = *Haworthiopsis glauca* (Baker) G.D.Rowley var. *herrei* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: South Africa, Eastern Cape: Campherspoort, 1947, W.F. Barker 5069 (NBG0068132, neo) Neotype designated by Breuer & Metzging, Taxon 46: 7 (1997).*
- Haworthia granulata* Marloth, Trans. Roy. Soc. South Africa 2: 39 (1910); Type: Verlatenkloof, Marloth 4217 (BOL) = *Haworthiopsis granulata* (Marloth) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: South Africa, Northern Cape: Verlatenkloof, south of Sutherland, 1968, H. Hall 3168 (NBG0087961, neo.) Neotype designated by Breuer & Metzging, Taxon 46: 13 (1997).*
- Haworthia kingiana* Poelln., Cact. J. 5: 31 (1936); Type: Great Brak, Dekenah 201 (NBG, neo.) Neotype designated by Breuer & Metzging (1997). = *Tulista kingiana* (Poelln.) Gideon F.Sm. & Molteno, *Phytotaxa* 297(3): 278 (2017), Type: South Africa, Western Cape Province, George Dist., Hill above station at Great Brak River, April 1950, J. Dekenah 201, (NBG0068719-0, neo.) Neotype designated by Breuer & Metzging, Taxon 46: 8 (1997).
- Haworthia koelmaniorum* Oberm. & D.S.Hardy var. *mcmurtryi* (C.L.Scott) M.B.Bayer, *Haworthia Revisited*: 181 (1999); Type: Loskop, SW Dam. , McMurtry 5247 (PRE) = *Haworthiopsis koelmaniorum* (Oberm. & D.S.Hardy) Boatwr. & J.C.Manning var. *mcmurtryi* (C.L.Scott) Gildenh. & Klopper, *Phytotaxa* 265(1): 13 (2016), Type: South Africa, Mpumalanga: South west of Loskop Dam, 1984, D. McMurtry 5247 in C.L. Scott 7682 (PRE0747960, holo.)
- Haworthia limifolia* Marloth, Trans. Roy. Soc. South Africa 1: 409 (1910) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 4 (2013), Type: Swaziland: West of Delagoa Bay, 1908, R. Marloth 4678 (PRE0037944, holo.)*
- Haworthia limifolia* Marloth var. *arcana* Gideon F.Sm. & N.R.Crouch, *Bradleya* 19: 119 (2001) = *Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *arcana* (Gideon F.Sm. & N.R.Crouch)

- G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013), Type: South Africa, Mpumalanga: Near Hectorspruit, N.R. Crouch & G.F. Smith 7 (PRE0500088, holo.)**
- Haworthia limifolia* Marloth var. *gigantea* M.B.Bayer, J. S. African Bot. 28: 215 (1962); Type: Nongoma, Bayer 112 (PRE) = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *gigantea* (M.B.Bayer) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 4 (2013), Type: South Africa, KwaZulu-Natal: Nongoma district, 1962, F. Bayer in M.B. Bayer 112 (PRE0037946, holo.)**
- Haworthia limifolia* Marloth var. *glaucophylla* M.B.Bayer, Aloe 40(2): 50 (2003); Type: Mpumalanga, Three sisters. F.Venter 13700 (NBG) = ***Haworthiopsis limifolia* (Marloth) G.D.Rowley var. *glaucophylla* (M.B.Bayer) Breuer, *Alsterworthia* Int. 16(2): 7 (2016), Type: South Africa, Mpumalanga: Three Sisters, F. Venter 13700 (NBG, holo.)**
- Haworthia longiana* Poelln., Repert. Spec. Nov. Regni Veg.41: 203 (1937); Type: [unpublished image] (B, neo.) Neotype designated by Breuer & Metzger (1997). = ***Haworthiopsis longiana* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013), Type: (photographic icon), “*Haworthia longiana* v.P” (B). Lectotype designated by Breuer & Metzger, Taxon 46: 8 (1997).**
- Haworthia marginata* (Lam.) Stearn, Cactus Journ., Brit. 7: 39 (1938) = ***Tulista marginata* (Lam.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 6 (2013)**
- Haworthia minima* (Aiton) Haw., Syn. Pl. Succ.: 29 (1812) = ***Tulista minima* (Ait.) Boatwr. & J.C.Manning, Syst. Bot. 39(1): 70 (2014), Type: illustration in Dillenius, Hort. eltham.: t. 16, f. 18. (1732). Lectotype designated by Scott (1985).**
- Haworthia minima* (Aiton) Haw. var. *poellnitziana* (Uitewaal) M.B.Bayer, *Haworthia Revisited*: 213 (1999); Type: Drew, Meiring (AMD) = ***Tulista minima* (Ait.) Boatwr. & J.C.Manning var. *poellnitziana* (Uitewaal) Breuer, *Alsterworthia* Int. 16(2): 7 (2016)**
- Haworthia mucronata* Haw. var. *calitzdorpensis* Breuer, Avonia 21(3): 50-51 (2003) = ***Haworthia arachnoidea* (L.) Duval var. *calitzdorpensis* (Breuer) Breuer, *Alsterworthia* Int. 16(2): 5 (2016)**
- Haworthia mucronata* Haw. var. *rooibergensis* Esterhuizen & Battista, *Haworthiad* 13(1): 5 (1999); Type: South Africa, Ladismith, c. 15 km east from Van Wyksdorp, J.M.Esterhuizen 7/97 (PRE, holo.) = ***Haworthia mucronata* Haw. var. *inconfluens* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 121 (1999), Type: unpublished image, Triebner 1031 (B, lecto.) Lectotype designated by Breuer & Metzger, Taxon 46: (1997).**
- Haworthia nigra* (Haw.) Baker, J. Linn. Soc., Bot. 18: 203 (1880) = ***Haworthiopsis nigra* (Haw.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013), Type: South Africa, Eastern Cape: Campherspoort, 1947, W.F. Barker 5099 (NBG0068251, neo.). Neotype designated by Breuer & Metzger, Taxon 46: 10 (1997). Type: (icon) “*Haworthia nigra*” in (K). Lectotype designated by Breuer, *The World of Haworthias* 2: 600 (2000).**
- Haworthia nigra* (Haw.) Baker var. *diversifolia* (Poelln.) Uitewaal, *Succulenta* 27: 51 (1948); Type: Kruidfontein, Bruyns in KG 435/75 (NBG, neo.) Neotype designated by Bayer (1999). = ***Haworthiopsis nigra* (Haw.) G.D.Rowley var. *diversifolia* (Poelln.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013), Type: South Africa, Eastern Cape: Willowmore, Kruidfontein, P.V. Bruyns in KG435/75 (NBG, epi.) Epitype designated by Bayer, *Haworthia revisited*: 187 (1999).**
- Haworthia pumila* (L.) Duval, Pl. Succ. Horto Alencon.: 7 (1809); Type: Illustration in Commellin, Horti Med. Amstelod.: t. 10 (1701) Lectotype designated by Scott (1985). = ***Tulista pumila* (L.) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 6 (2013)**
- Haworthia reinwardtii* (Salm-Dyck) Haw., Revis. Pl. Succ.: 53 (1821) = ***Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley, *Alsterworthia* Int. Special Issue 10: 5 (2013), Type: South Africa, Eastern Cape: Near top of hill above Ncera River Bridge, 1940, G.G. Smith 3563 (NBG0068556, epi.) Epitype designated by Breuer & Metzger, Taxon 46: 10 (1997).**
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *brevicula* G.G.Sm., J. S. African Bot. 10: 11 (1944); Type: Illustration, later published in Cact. Succ. J. (Los Angeles) 52: 274 (1980), (K,

- icon.) Lectotype designated by Scott (1980). = *Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *brevicula* (G.G.Sm.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013), Type: South Africa, Eastern Cape: Between Frazer's Camp and the old fort, Albany Division, 1940, G.G. Smith 3138 (NBG0112112, holo.; NBG0068168, PRE0834962, iso.)
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *reinwardtii* forma *chalumnensis* (G.G.Sm.) M.B.Bayer, *Haworthia Handbook*: 106 (1976); Type: Chalumna, Smith 513 (NBG) = *Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *chalumnensis*, *Phytotaxa* 265(1): 10 (2016), Type: South Africa, Eastern Cape: on the banks of the Chalumna River, 48.3 km west of East London, 1934, G.G. Smith 513 (NBG0068486, holo.; NBG, PRE, iso.)
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *reinwardtii* forma *kaffirdriftensis* (G.G.Sm.) M.B.Bayer, *Haworthia Handbook*: 126 (1976); Type: Kaffir drift, Smith 3364 (NBG) = *Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *kaffirdriftensis*, *Phytotaxa* 265(1): 10 (2016), Type: South Africa, Eastern Cape: near Kaffir drift, eastern side of Fish River, about 22 km south-southwest of Peddie, 1940, G.G. Smith 3364 (NBG0068355, holo.; NBG0112001, PRE0592668, iso.)
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *reinwardtii* forma *olivacea* (G.G.Sm.) M.B.Bayer, *Haworthia Handbook*: 142 (1976); Type: Kaffir drift, Smith 5260 (NBG) = *Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *olivacea*, *Phytotaxa* 265(1): 11 (2016), Type: South Africa, Eastern Cape: South east of Kaffir drift, Peddie District, 1942, G.G. Smith 5260 (NBG0112000m holo.; NBG, PRE0592641, iso.)
- Haworthia reinwardtii* (Salm-Dyck) Haw. var. *reinwardtii* forma *zebrina* (G.G.Sm.) M.B.Bayer, *Haworthia Handbook* 169 (1976), nom.inval.; Type: Kaffir drift, Smith 5258 (NBG) = *Haworthiopsis reinwardtii* (Salm-Dyck) G.D.Rowley var. *reinwardtii* (G.G.Sm.) Gildenh. & Klopper forma *olivacea*, *Phytotaxa* 265(1): 11 (2016), Type: South Africa, Eastern Cape: South east of Kaffir drift, Peddie District, 1942, G.G. Smith 5260 (NBG0112000m holo.; NBG, PRE0592641, iso.)
- Haworthia scabra* Haw., *Suppl. Pl. Succ.*: 58 (1819) = *Haworthiopsis scabra* (Haw.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013), Type: (icon) (K), later published in Scott (1980: 274). Lectotype designated by Scott, *Cactus & Succulent Journal (US)* 52: 274 (1980).
- Haworthia scabra* Haw. var. *lateganiae* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 195 (1999); Lectotype, designated by Breuer & Metzger (1997) ; [Image, later published in *Desert Pl. Life* 9: 103 (1937): (B) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *lateganiae* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013), Type: (icon) in (B), later published in Von Poellnitz, *Desert Plant Life* 9: 103 (1937). Lectotype designated by Breuer & Metzger, *Taxon* 46: 12 (1997).
- Haworthia scabra* Haw. var. *morrissiae* (Poelln.) M.B.Bayer, *Haworthia Handbook*: 137 (1976); Lectotype, designated by Breuer & Metzger (1997) ; [Image, later published in *Kakteenk. & Kakteenfr.* 1937: 132 (1937)] (B) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *morrissiae* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013), Type: (icon) *Haworthia morrissiae* "v.P. VI. 1937" in (B) later published in Von Poellnitz, *Kakteenkunde* 9: 132 (1937). Lectotype designated by Breuer & Metzger, *Taxon* 46: 12 (1997).
- Haworthia scabra* Haw. var. *starkiana* (Poelln.) M.B.Bayer, *Haworthia Revisited*: 197 (1999); Lectotype, designated by Breuer & Metzger (1997) ; [unpublished image] (B) = *Haworthiopsis scabra* (Haw.) G.D.Rowley var. *starkiana* (Poelln.) G.D.Rowley, *Alsterworthia Int. Special Issue 10: 5* (2013), Type: (icon) "Haworthia starkiana v.P." (B). Lectotype designated by Breuer & Metzger, *Taxon* 46: 12 (1997).

- Haworthia sordida* Haw., Revis. Pl. Succ.: 51 (1821) = *Haworthiopsis sordida* (Haw.)  
**G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), Type: (icon) in Salm-Dyck (1836: Aloe t. 1 [sect 7: 2]). Neotype designated by Scott, The Genus Haworthia: 7 (1985).**
- Haworthia sordida* Haw. var. *lavranii* C.L.Scott, Cact. Succ. J. (Los Angeles) 53(3): 124 (1981) =  
***Haworthiopsis sordida* (Haw.) G.D.Rowley var. *lavranii* (C.L.Scott) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), Type: South Africa, Eastern Cape: Perdehoek, 36 km southeast of Steytlerville, A. Hechter s.n. (PRE0616285, holo.)**
- Haworthia transiens* (Poelln.) M.B.Bayer, Haworthiad 16(2): 66 (2002), isonym; Lectotype, designated by Breuer & Metzger (1997): [unpublished image] (B) = *Haworthia transiens* (Poelln.) M.Hayashi, Haworthia Study 3: 13 (2000), Type: unpublished image (B, lecto.)  
**Lectotype designated by Breuer & Metzger, Taxon 46: (1997).**
- Haworthia venosa* (Lam.) Haw., Revis. Pl. Succ.: 44 (1812) = *Haworthiopsis venosa* (Lam.)  
**G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), Type: (icon) in Commelijn (1703: t.29). Lectotype designated by Scott, The genus Haworthia. A taxonomic revision: 35 (1985). Type: South Africa, Western Cape: Swellendam, west of Breede River Bridge, 1970, M.B. Bayer 168 (NBG0110636, epi.) Epitype designated by Breuer & Metzger, Taxon 46: 13 (1997).**
- Haworthia venosa* (Lam.) Haw. subsp. *tessellata* (Haw.) M.B.Bayer, New Haworthia Handb.: 76 (1982) = *Haworthiopsis tessellata* (Haw.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), Type: (icon) in (K) later published in Scott (1978: 75). Lectotype designated by Scott, Cactus & Succulent Journal (US) 50: 75 (1978).
- Haworthia viscosa* (L.) Haw., Syn. Pl. Succ.: 90 (1812) = *Haworthiopsis viscosa* (L.) Gildenh. & Klopper, Phytotaxa 265(1): 18 (2016), Type: (icon) in Commelijn (1703: t.31). Lectotype designated by Scott, National Cactus & Succulent Journal (GB) 36: 98 (1981). Type: South Africa, Western Cape: Blackburn Valley, Calitzdorp, 1947, W.F. Barker 5073 (NBG0068204, epi.). Epitype designated by Breuer & Metzger, Taxon 46: 13 (1997).
- Haworthia woolleyi* Poelln., Repert. Spec. Nov. Regni Veg. 42: 269 (1937); Type: Image, later published in Cact. J. (Croydon) 7: 3 (1938) Lectotype designated by Breuer & Metzger (1997). = *Haworthiopsis woolleyi* (Poelln.) G.D.Rowley, Alsterworthia Int. Special Issue 10: 5 (2013), Type: (photographic icon) “*Haworthia woolleyi* v.P.” (B), later published in Von Poellnitz, The Cactus Journal (G.B.) 7: 3 (1938). Lectotype designated by Breuer & Metzger, Taxon 46: 13 (1997).

## ×ASTROWORTHIA G.D.ROWLEY

- ×*Astroworthia bicarinata* (Haw.) G.D.Rowley, Natl. Cact. Succ. J. 28(1): 7 (1973) = ×*Astrolista bicarinata* (Haw.) Molteno & Figueiredo, Bradleya 35: 196 (2017), Type: Plate by Thomas Duncanson, kept at K. Material received from Dr Mackrell in 1818 from the Cape of Good Hope (neo.) Neotype designated by Groen, Succulenta 66(3): 54 (1987).

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## ASTERACEAE

### BACCHAROIDES MOENCH

- Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob. var. *kotschyana* (Sch.Bip. ex Walp.) Isawumi, El-Ghazaly & B.Nord., Grana 35(4): 219 (1996) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)
- Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob. var. *mossambiquensis* (Steetz) Isawumi, El-Ghazaly & B.Nord., Grana 35(4): 219 (1996) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., Proc. Biol. Soc. Washington 103(1): 250 (1990)

### CASTALIS CASS.

- Castalis nudicaulis* (L.) Norl. = *Dimorphotheca nudicaulis* (L.) DC.

## **CENTAUREA L.**

*Centaurea repens* L. = *Rhaponticum repens* (L.) Hildago, *Ann. Bot.* **97**: 714 (2006)

## **CHRYSANTHEMOIDES FABR.**

*Chrysanthemoides monilifera* (L.) Norl., *Stud. Calenduleae* 1: 374 (1943) = *Osteospermum moniliferum* L., *Sp. Pl.* **2**: 923 (1753)

## **CHRYSANTHEMUM L.**

*Chrysanthemum coronarium* L., *Sp.Pl.* 1: 890 (1753) = *Glebionis coronaria* (L.) Cass. ex Spach, *Hist. Nat. Vég. (Spach)* **10**: 181 (1841)

## **CULLUMIA R.BR. EX AITON**

*Cullumia ciliaris* (L.) R.Br., *Hort. Kew.*, ed. 2 [W.T. Aiton] 5: 137 (1813) = *Cullumia reticulata* (L.) Greuter, M.V.Agab. & Wagenitz, *Taxon* **54(1)**: 155 (2005)

*Cullumia ciliaris* (L.) R.Br. subsp. *angustifolia* (Hutch.) Roessler, *Mitt. Bot. Staatssamml. München* 3: 281 (1959); Type: Stephens 7011 (K, holo.) = *Cullumia reticulata* (L.) Greuter, M.V.Agab. & Wagenitz, *Taxon* **54(1)**: 155 (2005)

## **EMILIA CASS.**

*Emilia ambifaria* (S.Moore) C.Jeffrey = *Emilia schinzii* (O.Hoffm.) Cron, *Phytotaxa* **159(3)**: 202 (2014)

## **ERIOCEPHALUS L.**

*Eriocephalus aspalathoides* DC. = *Eriocephalus decussatus* Burch.

## **EUPATORIUM L.**

*Eupatorium sordidum* Less. = *Bartlettina sordida* (Less.) R.M.King & H.Rob., *Phytologia* **22(3)**: 161 (1971)

## **GERBERA L.**

*Gerbera leucothrix* Harv., *Fl. Cap. (Harvey)* 3: 521 (1865); Type: South Africa, Western Cape Province, Bredasdorp: 'Zwellendam, trockene Bergrücken, bei Stormvlei, Hassaquaskloof bis Breederivier', Ecklon & Zeyher (S1012,093, holo.) = *Gerbera tomentosa* DC., *Prodr. [A. P. de Candolle]* **7(1)**: 16 (1838), Type: South Africa: 'Ad Cap. Bonæ-Spei *Gerbera hirsuta* Spr. in Zeyh. pl. exs. n. 34' (G-DC, holo.; HAL, L, MO, P, W, iso.)

## **GYMNANTHEMUM CASS.**

*Gymnanthemum mespilifolium* (Less.) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 242 (1999) = *Gymnanthemum capensis* (A.Spreng.) J.C.Manning & Swelank., *S. Afr. J. Bot.* **102**: 92 (2016), Type: South Africa, [Eastern Cape], 'Uitenhagen', [without date], Zeyher [Fl. Cap. No. 201], (HAL [sheet HAL0111268], holo.)

## **HILLIARDIELLA H.ROB.**

*Hilliardiella oligocephala* (DC.) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 230 (1999) = *Hilliardiella elaeagnoides* (DC.) Swelank. & J.C.Manning, *S. Afr. J. Bot.* **106**: 50 (2016), Type: South Africa, KwaZulu-Natal, 'ad Zw. Omsamwubo [Umzimvubu] et Omsamculo [Umzimkulu]', Drège 5077 (G-DC, holo.)

*Hilliardiella pinifolia* (Lam.) H.Rob., *Proc. Biol. Soc. Washington* 112(1): 230 (1999), nom.superfl. = *Hilliardiella capensis* (Houtt.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* **60**: 87 (2016), Type: Illustration in Houttyn, *Nat. Hist. Deel [Part] 2*, **10**: t. 69, f. 2 (1779)

## **LINZIA SCH.BIP. EX WALP.**

*Linzia gerberiformis* (Oliv. & Hiern) H.Rob. subsp. *macrocyanus* (O.Hoffm.) Isawumi,  
Compositae Newslett. 46: 38 (2008) = *Linzia gerberiformis* (Oliv. & Hiern) H.Rob., Proc.  
Biol. Soc. Washington 112(1): 237 (1999)

## **NIDORELLA CASS.**

*Nidorella aegyptiaca* (L.) J.C.Manning & Goldblatt, (L.) J.C.Manning & Goldblatt, Strelitzia 29:  
794 (2012) = *Conyza aegyptiaca* (L.) Aiton, Hort. Kew 3: 183 (1789)

*Nidorella attenuata* (DC.) J.C.Manning & Goldblatt, Prodr. 5: 384 (1836) = *Conyza attenuata*  
DC., Prodr. 5: 384 (1836)

*Nidorella ivifolia* (L.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza scabrida* DC.,  
Prodr. 5: 387 (1836)

*Nidorella obscura* (DC.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza obscura*  
DC., Prodr. 5: 387 (1836)

*Nidorella pinnata* (L.f.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza pinnata*  
(L.f.) Kuntze, Gen. Pl. 3(3): 142 (1898)

*Nidorella pinnatifida* (Thunb.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza*  
*pinnatifida* (Thunb.) Less., Syn. Gen. Compos.: 204 (1832)

*Nidorella podocephala* (DC.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza*  
*podocephala* DC., Prodr. 5: 387 (1836)

*Nidorella ulmifolia* (Burm.f.) J.C.Manning & Goldblatt, Strelitzia 29: 794 (2012) = *Conyza*  
*ulmifolia* (Burm.f.) Kuntze, Revis. Gen. Pl. 3(3): 142 (1898)

## **OLIGOCARPUS LESS.**

*Oligocarpus calendulaceus* (L.f.) Less., Syn. Gen. Compos.: 90 (1832) = *Osteospermum*  
*calendulaceum* L.f., Suppl. Pl.: 386 (1782)

## **OSTEOSPERMUM L.**

*Osteospermum pinnatum* (Thunb.) Norl., Stud. Calenduleae 1: 191 (1943) = *Dimorphotheca*  
*pinnata* (Thunb.) Harv.

*Osteospermum pinnatum* (Thunb.) Norl. var. *breve* Norl. = *Dimorphotheca pinnata* (Thunb.)  
Harv.

## **OXYLAENA BENTH. EX ANDERB.**

*Oxylaena acicularis* (Benth.) Anderb., Opera Bot. 104: 53 (1991) = *Osteospermum scabrum*  
Thunb., Prodr. Pl. Cap. 2: 166 (1800)

## **PHYMASPERMUM LESS.**

*Phymaspermum bolusii* (Hutch.) Källersjö, Nordic J. Bot. 5(6): 535 (1986) = *Phymaspermum*  
*athanasioides* (S.Moore) Källersjö, Nordic J. Bot. 5(6): 535 (1986), Type: South Africa,  
Gauteng, Johannesburg: Near Hospital Hill, Rand 758 (BM, lecto.) Lectotype designated  
by Ruiters et al., Systematic Botany 41(2): 447 (2016).

*Phymaspermum equisetoides* Thell., Vierteljahrsschr. Naturf. Ges. Zürich 68: 446 (1923); Type:  
South Africa, Eastern Cape, Kokstad: Pondoland, Mnceba, Dec 1913, Jaccotet and Jaccotet 58  
(IZ sheet 3788, lecto.; E, Z sheet 3787, isolecto.) Lectotype designated by Ruiters et al.,  
Systematic Botany 41(2): 445 (2016). = *Phymaspermum erubescens* (Hutch.) Källersjö,  
Nordic J. Bot. 5(6): 535 (1986), Type: South Africa, Eastern Cape, Mthatha: Tembuland:  
Tabase, near Bazeia, Baur 334 (K, lecto.; SAM, isolecto.) Lectotype designated by  
Källersjö, Nordic Journal of Botany 5: 535 (1986).



- Phymaspermum montanum* (Hutch.) Källersjö, *Nordic J. Bot.* 5(6): 535 (1986) = *Phymaspermum athansioides* (S.Moore) Källersjö, *Nordic J. Bot.* 5(6): 535 (1986), Type: South Africa, Gauteng, Johannesburg: Near Hospital Hill, Rand 758 (BM, lecto.) Lectotype designated by Ruiters et al., *Systematic Botany* 41(2): 447 (2016).
- Phymaspermum pubescens* (DC.) Kuntze, *Revis. Gen. Pl.* 3[3]: 167 (1898) = *Phymaspermum parvifolium* (DC.) Benth. & Hook. ex B.D.Jacks., *Index Kew.* 1(1): 526 (1893), Type: South Africa, Eastern Cape, Port Elizabeth: 'Uitenhage', 1835, Ecklon 1845 (G–DC, holo.; S, iso)
- Phymaspermum schroeteri* Compton, *Trans. Roy. Soc. South Africa* 19: 320 (1931); Type: South Africa, Western Cape, Montagu: Ngaap Kop, 27 Sept. 1926, Compton 3065 (BOL, holo.) = *Phymaspermum thymelaeoides* (DC.) Magee & Ruiters, *Syst. Bot.* 41(2): 439 (2016), Type: South Africa, Western Cape, Beaufort West: 'Nieuwewelbergen' [Nieuwveld mountains], Oct 1826, Drège 6177 (G–DC, holo.; P, two sheets, iso.)
- Phymaspermum villosum* (Hilliard) Källersjö, *Nordic J. Bot.* 5(6): 535 (1986) = *Phymaspermum acerosum* (DC.) Källersjö, *Nordic J. Bot.* 5(6): 535 (1986), Type: South Africa, KwaZulu-Natal, Port Shepstone: 'Omcomas et Omsanculo' [Umkomaas and Umzimkulu rivers], 1852, Drège 5037 (G–DC sheet G00455519, lecto.; BM, HAL, HBG two sheets, K, S two sheets, SAM, isolecto.) Lectotype designated by Ruiters et al., *Systematic Botany* 41(2): 453 (2016).

## **PTERONIA L.**

- Pteronia glauca* Thunb. subsp. *arcuata* (Dinter) Merxm., *Mitt. Bot. Staatssamml. München* 2: 79 (1955) = *Pteronia glauca* Thunb., *Prodr. Pl. Cap.* 2: 144 (1800), Type: South Africa, Western Cape Prov., Cape of Good Hope, Thunberg s.n. (UPS-THUNB, holo.; LD-1254625, iso.)

## **RENNERA MERXM.**

- Rennera stellata* P.P.J.Herman, *Bot. J. Linn. Soc.* 129(4): 368 (1999) = *Pentzia stellata* (P.P.J.Herman) Magee, *Bot. J. Linn. Soc.* 178(4): 644 (2015), Type: South Africa, Northern Cape, Koopmansfontein Agricultural Research Station, 5 Mar. 1998, Herman 1482 (PRE, holo.; B, BM, C, E, G, J, K, KMG, M, MO, NBG, NMB, P, PRU, S, UPS, WAG, WIND, Z, iso.)

## **TRIPTERIS LESS.**

- Tripteris aghillana* DC., *Prodr. [A. P. de Candolle]* 6: 457 (1838) = *Osteospermum scariosum* DC., *Prodr. [A. P. de Candolle]* 6: 464 (1838)
- Tripteris aghillana* DC. var. *aghillana* = *Osteospermum scariosum* DC. var. *scariosum*
- Tripteris aghillana* DC. var. *integrifolia* Harv., *Fl. Cap. (Harvey)* 3: 429 (1865) = *Osteospermum scariosum* DC. var. *integrifolium* (Harv.) Norl., *Stud. Calenduleae* 1: 321 (1943)
- Tripteris amplexicaulis* (Thunb.) Less., *Linnaea* 6: 97 (1831) = *Osteospermum connatum* DC., *Prodr. [A. P. de Candolle]* 6: 466 (1838)
- Tripteris auriculata* S.Moore, *J. Bot.* 57: 90 (1919) = *Osteospermum auriculatum* (S.Moore) Norl., *Stud. Calenduleae* 1: 280 (1943)
- Tripteris crassifolia* O.Hoffm., *Bot. Jahrb. Syst.* 10(3): 280 (1888) = *Osteospermum crassifolium* (O.Hoffm.) Norl., *Stud. Calenduleae* 1: 300 (1943)
- Tripteris dentata* (Burm.f.) Harv., *Fl. Cap. (Harvey)* 3: 427 (1865) = *Osteospermum dentatum* Burm.f., *Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.:* 29 (1768)
- Tripteris microcarpa* Harv., *Fl. Cap. (Harvey)* 3: 427 (1865) = *Osteospermum microcarpum* (Harv.) Norl., *Stud. Calenduleae* 1: 295 (1943)

- Tripteris oppositifolia* (Aiton) B.Nord., *Compositae Newslett.* 25: 48 (1994) = *Osteospermum oppositifolium* (Aiton) Norl., *Bot. Not.* 113: 393 (1960), Type: In herb. Brit. Mus. (BM, lecto.) Lectotype designated by Norlindh, *Bot. Notiser* 113(4): 393 (1960).
- Tripteris pinnatilobata* (Norl.) B.Nord., *Compositae Newslett.* 25: 48 (1994) = *Osteospermum pinnatilobatum* Norl., *Stud. Calenduleae* 1: 302 (1943), Type: South Africa, L. Namaqualand Div., Concordia, in collibus, 1897, Schlechter 11331 (B, lecto.; LD, Z, isolecto.)
- Tripteris polycephala* DC., *Prodr.* [A. P. de Candolle] 6: 458 (1838) = *Osteospermum polycephalum* (DC.) Norl., *Stud. Calenduleae* 1: 294 (1943)
- Tripteris rosulata* (Norl.) B.Nord., *Compositae Newslett.* 25: 49 (1994) = *Osteospermum rosulatum* Norl., *Stud. Calenduleae* 1: 325 (1943), Type: South Africa, Griqualand East, Mount Currie, in apertis circa Kokstad, 1883, Tyson 1796 (BOL, holo.; K, PRE, SM, iso.)
- Tripteris sinuata* DC., *Prodr.* [A. P. de Candolle] 6: 456 (1838) = *Osteospermum sinuatum* (DC.) Norl., *Stud. Calenduleae* 1: 275 (1943)
- Tripteris sinuata* DC. var. *linearis* (Harv.) B.Nord., *Compositae Newslett.* 25: 49 (1994) = *Osteospermum sinuatum* (DC.) Norl. var. *lineare* (Harv.) Norl., *Stud. Calenduleae* 1: 279 (1943)
- Tripteris spathulata* DC., *Prodr.* [A. P. de Candolle] 6: 457 (1838) = *Osteospermum spathulatum* (DC.) Norl., *Stud. Calenduleae* 1: 324 (1943)
- Tripteris spinigera* Norl., *Bot. Not.* 1939: 795 (1939) = *Osteospermum spinigerum* (Norl.) Norl., *Stud. Calenduleae* 1: 326 (1943)

## **VERNONIA SCHREB.**

- Vernonia acuminatissima* S.Moore, *J. Linn. Soc., Bot.* 40: 104 (1911) = *Vernoniastrum acuminatissimum* (S.Moore) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 111 (2016)
- Vernonia centaureoides* Klatt, *Bull. Herb. Boissier* 4: 824 (1896) = *Oocephala centaureoides* (Klatt) H.Rob. & Skvarla, *PhytoKeys* 38: 2 (2014)
- Vernonia fastigiata* Oliv. & Hiern, *Fl. Trop. Afr.* [Oliver et al.] 3: 282 (1877) = *Parapolydora fastigiata* (Oliv. & Hiern) H.Rob., *Phytologia* 87(2): 79 (2005)
- Vernonia flanaganii* (E.Phillips) Hilliard, *Notes Roy. Bot. Gard. Edinburgh* 42(2): 238 (1985) = *Hilliardiella flanaganii* (E.Phillips) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 87 (2016), Type: South Africa, Free State-Natal Border, Elands River Valley near Mont Aux Sources, Flanagan 1947 (SAM, lecto.; PRE, isolecto.) Lectotype designated by Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 42: 238 (1985).
- Vernonia galpinii* Klatt, *Bull. Herb. Boissier* 4: 827 (1896) = *Pseudopegolettia tenella* (DC.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 110 (2016)
- Vernonia gerrardii* Harv., *Thes. Cap.* 2: 36 (1863) = *Parapolydora gerrardii* (Harv.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 103 (2016)
- Vernonia obionifolia* O.Hoffm., *Bot. Jahrb. Syst.* 10(3): 272 (1888) = *Namibithamnus obionifolius* (O.Hoffm.) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 94 (2016)
- Vernonia schlechteri* O.Hoffm., *Bot. Jahrb. Syst.* 24(4): 466 (1898) = *Oocephala centaureoides* (Klatt) H.Rob. & Skvarla, *PhytoKeys* 38: 2 (2014)
- Vernonia staehelinoides* Harv., *Thes. Cap.* 2: 36 (1863), as 'stahelinoides' = *Oocephala staehelinoides* (Harv.) H.Rob. & Skvarla, *PhytoKeys* 38: 2 (2014)
- Vernonia sutherlandii* Harv., *Fl. Cap.* (Harvey) 3: 52 (1865) = *Hilliardiella sutherlandii* (Harv.) H.Rob., *Phytologia* 87(2): 82 (2005), Type: South Africa, Kwa-Zulu-Natal, Klip River, Oct. 1858, Sutherland s.n. (TCD0002909, holo.)
- Vernonia thodei* E.Phillips, *J. Bot.* 74: 205 (1936), based on *V. collina* Schltr. = *Pseudopegolettia thodei* (E.Phillips) H.Rob., Skvarla & V.A.Funk, *PhytoKeys* 60: 110 (2016)
- Vernonia tigrensensis* Oliv. & Hiern, *Fl. Trop. Afr.* [Oliver et al.] 3: 290 (1877) = *Baccharoides adoensis* (Sch.Bip. ex Walp.) H.Rob., *Proc. Biol. Soc. Washington* 103(1): 250 (1990)

- Vernonia triflora* Bremek., Ann. Trans. Mus. 15: 262 (1933) = *Gymnanthemum triflorum* (Bremek.) H.Rob., Phytologia 87(2): 80 (2005), Type: South Africa, [Limpopo Province], 'Pietersburg District, Blauwberg [Blouberg] above [Farm] Leipzig', 17 Jan 1931, Bremekamp & Schweickerdt 67 (PRU, holo.; PRE, iso.)
- Vernonia wollastonii* S.Moore, J. Linn. Soc., Bot. 38: 257 (1908) = *Cyanthillium wollastonii* (S.Moore) H.Rob., Skvarla & V.A.Funk, PhytoKeys 60: 67 (2016)
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## BORAGINACEAE

### LOBOSTEMON LEHM.

*Lobostemon pearsonii* Levyns = *Lobostemon glaucophyllus* (Jacq.) H.Buek

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## BRUNIACEAE

### NEBELIA NECK. EX SWEET

*Nebelia laevis* (E.Mey.) Kuntze, Revis. Gen. Pl. 1: 233 (1891) = *Brunia latebracteata* A.V.Hall, Taxon 60(4): 1149 (2011), nom. nov. pro *Nebelia laevis* (E.Mey. ex Sond.) Kuntze (1891), non *Brunia laevis* Thunb. (1800), Type: Drège s.n. ex herb. Sond. (S-G-8315, lecto.; P, S08-7338, isolecto.) Lectotype designated by Oliver in Classen-Bockhoff, Taxon 60(4): 1149 (2011).

### RASPALIA BRONGN.

- Raspalia palustris* (Schltr. ex Kirchn.) Pillans, J. S. African Bot. 13: 156 (1947), incorrect basionym author citation = *Brunia palustris* (Schltr. ex Dümmer) Class.-Bockh. & E.G.H.Oliv., Taxon 60(4): 1150 (2011), Type: Schlechter 10055 (K-75862, lecto.; BOL-122407, HBG- 503128, WAG-335, S-08-73360, isolecto.) Lectotype designated by Oliver in Classen-Bockhoff, Taxon 60(4): 1150 (2011).
- Raspalia passerinoides* C.Presl, Bot. Bemerk.: 39 (1844) = *Brunia phylicoides* Thunb., Phytogr. Blatt. 1: 18 (1803), Type: sine loc., sine coll [= Thunberg] (UPS-sheet 5747, holo.)
- Raspalia sacculata* (Bolus ex Kirchn.) Pillans, J. S. African Bot. 13: 157 (1947) = *Brunia sacculata* (Bolus ex Pillans) Class.-Bockh. & E.G.H.Oliv., Taxon 60(4): 1151 (2011), Type: Bolus in Herb. Norm Austr.-Afr. 1154 (BOL, lecto.; MO-247917, PRE-433220, WAG-336, isolecto.) Lectotype designated by Oliver in Classen-Bockhoff, Taxon 60(4): 1151 (2011).
- Raspalia villosa* C.Presl, Abh. Königl. Böhm. Ges. Wiss. ser. 5, 3: 470 (1845) = *Brunia villosa* (C.Presl) E.Mey. ex Sond., Fl. Cap. (Harvey) 2: 315 (1862), Type: Blaauwberg, Dec. Jan., Drege s.n. '2964 Cederbergen' ex herb. Sonder (S-G-8313, lecto.; B, isolecto.) Lectotype designated by Oliver in Classen-Bockhoff, Taxon 60(4): 1150 (2011).

### TITTMANNIA BRONGN.

*Tittmannia laxa* (Thunb.) C.Presl subsp. *oliveri* (Dümmer) Powrie, J. S. African Bot. 35: 338 (1969) = *Audouinia laxa* (Thunb.) A.V.Hall, Taxon 60(4): 1145 (2011), Type: Prom. bonae spei Afr., sine coll. [= Masson] (UPS- sheet 5743, holo.)

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## BRYACEAE

### BRYUM HEDW.

- Bryum capillare* Hedw., Sp. Musc. Frond.: 182 (1801) = *Rosulabryum capillare* (Hedw.) J.R.Spence, Bryologist 99(2): 223 (1996)
- Bryum rubens* Mitt., Hooker's J. Bot. Kew Gard. Misc. 8: 232 (1856) = *Rosulabryum rubens* (Mitt.) J.R.Spence, Novon 19(3): 399 (2009)
- Bryum ruderales* Crundw. & Nyholm, Bot. Not. 116(1): 95–98 (1963) = *Gemmabryum ruderales* (Crundw. & Nyholm) J.R.Spence, Phytologia 89(1): 111 (2007)

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## CACTACEAE

### **HARRISIA BRITTON**

*Harrisia balansae* (K.Schum.) N.P.Taylor & Zappi = *Harrisia bonplandii* (Pfeiff.) Britton & Rose

### **OPUNTIA MILL.**

*Opuntia rosea* DC. = *Cylindropuntia imbricata* (Haw.) F.M.Knuth

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## CAMPANULACEAE

### **LIGHTFOOTIA L'HÉR.**

*Lightfootia cinerea* (L.f.) Sond., Fl. Cap. (Harvey) 3: 557 (1865) = *Wahlenbergia cinerea* (L.f.)

Lammers, Taxon 44(3): 335 (1995), Type: South Africa, Cape of Good Hope, Thunberg in Herb. Linn. No. 221.37 (LINN, holo.)

*Lightfootia diffusa* H.Buek, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 376 (1837), non *Wahlenbergia diffusa* A.DC (1830); Type: South Africa, Uitenhage, Zeyher (S, holo.) =

*Wahlenbergia tenella* (L.f.) Lammers, Taxon 44(3): 338 (1995), Type: South Africa, Cape of Good Hope, Thunberg in Herb. Linn. No. 221.25 (LINN, holo.)

*Lightfootia longifolia* A.DC., Monogr. Campan.: 107 (1830) = *Wahlenbergia longifolia* (A.DC.)

Lammers, Taxon 44(3): 336 (1995), Type: South Africa, Ecklon (G-DC, holo.)

*Lightfootia rubens* H.Buek, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 373 (1837) =

*Wahlenbergia rubens* (H.Buek) Lammers, Taxon 44(3): 337 (1995), Type: South Africa, Uitenhage, Swartkops River, Ecklon (S, holo.)

*Lightfootia rubioides* Banks ex A.DC., Monogr. Campan.: 116 (1830) = *Wahlenbergia rubioides* (Banks ex A.DC.) Lammers, Taxon 44(3): 337 (1995), Type: South Africa, Cape of Good Hope, Masson (BM, holo.)

*Lightfootia subulata* L'Hér., Sert. Angl.: t.5 (1789) = *Wahlenbergia subulata* (L'Hér.) Lammers, Taxon 44(3): 338 (1995), Type: South Africa, Cape of Good Hope, Masson (BM, holo.)

*Lightfootia tenella* Lodd., Bot. Cab.: t.1038 (1825), non *Wahlenbergia tenella* (L.f.) Lammers

(1995); Type: Bot. Cab.: t. 1038 (1825). Lectotype designated by Adamson, J. S. Afr. Bot. 21: 198 (1955). = *Wahlenbergia tenerrima* (H.Buek) Lammers, Taxon 44(3): 338 (1995), Type: South Africa, Swellendam, Rietkuil, Zeyher 3125 (S, holo.)

### **WAHLENBERGIA SCHRAD. EX ROTH**

*Wahlenbergia annuliformis* Brehmer, Bot. Jahrb. 53: 118 (1915); Type: South Africa, Western

Cape, 'umgegend von Hopefield', Oct. 1885, Bachmann 1729 (Z, lecto.). Designated by Manning et al., S. Afr. J. Bot. 100: 61 (2015). Paratype: South Africa, Western Cape, 'Troe Troe', Oct. 1883, Bachmann 343 (not located) = *Wahlenbergia androsaacea* A.DC., Monogr. Campan.: 150, t.19, f.1. (1830)

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## CELASTRACEAE

### **MAYTENUS MOLINA**

*Maytenus mossambicensis* (Klotzsch) Blakelock, sensu (Klotzsch) Blakelock = *Gymnosporia mossambicensis* (Klotzsch) Loes.

*Maytenus polyacantha* (Sond.) Marais, Bothalia 7: 384 (1960) = *Gymnosporia polyacantha* (Sond.) Szyszyl.

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## CLEOMACEAE

### **CLEOME L.**

*Cleome hassleriana* Chodat, Bull. Herb. Boissier 6, App. 1: 12 (1898) = *Tarenaya hassleriana* (Chodat) Iltis, Novon 17(4): 450 (2007), Type: Paraguay, "Ad ripam flumis pr. Apa. fl. Maj.", E. Hassler 162 (G-BOIS, holo.)

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## COLCHICACEAE

### **ANDROCYMBIUM WILLD.**

*Androcymbium albanense* Schönland = *Colchicum albanense* (Schönland) J.C.Manning & Vinn.

*Androcymbium circinatum* Baker = *Colchicum circinatum* (Baker) J.C.Manning & Vinn.

*Androcymbium melanthioides* Willd. = *Colchicum melanthoides* (Willd.) J.C.Manning & Vinn.

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## COMMELINACEAE

### **ZEBRINA SCHNIZL.**

*Zebrina pendula* Schnizl. = *Tradescantia zebrina* Bosse

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## CRASSULACEAE

### **COTYLEDON L.**

*Cotyledon rhombifolia* Haw. = *Adromischus rhombifolius* (Haw.) Lem.

### **KALANCHOE ADANS.**

*Kalanchoe praesidentis-vervoerdii* Raym.-Hamet, Crassulacearum icones selectae 5: t.81-83 (1963), nom. nud. = *Kalanchoe brachyloba* Welw. ex Britten, Fl. Trop. Afr. [Oliver et al.] 2: 392 (1871), Type: Lower Guinea [West Africa], [Angola], Benguela, Huilla, Welwitsch 2486 (LISU, lecto.); Welwitsch 2486 sub LISU 218888 (LISU, isolecto.) Lectotype designated by Fernandes, Boletim da Sociedade Broteriana, ser. 2, 53: 329 (1980). Isolectotype designated by Smith & Figueiredo, Bradleya 35: 8 (2017).

### **TYLECODON TOELKEN**

*Tylecodon jarmilae* Halda = *Tylecodon ventricosus* (Burm.f.) Toelken

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## CUPRESSACEAE

### **WIDDRINGTONIA ENDL.**

*Widdringtonia cedarbergensis* J.A.Marsh, Bothalia 9: 125 (1966), nom. superfl. = *Widdringtonia wallichii* Endl. ex Carrière, Traité Gén. Conif., ed. 2: 62 (1867)

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## CYPERACEAE

### **COURTOISIA NEES**

*Courtoisia assimilis* (Steud.) Maquet, Bull. Jard. Bot. Natl. Belg. 58(1-2): 265 (1988), isonym = *Cyperus assimilis* Steud., Flora 25(2): 584 (Courtoisiae sp.) (1842)

### **COURTOISINA SOJÁK**

*Courtoisina cyperoides* (Roxb.) Soják subsp. *africanus* (C.B.Clarke ex Kük.) Vorster, ms. name = *Cyperus pseudokyllingioides* Kük., Pflanzenr. IV. 20(Heft 101): 501 (1936)

## **FICINIA SCHRAD.**

*Ficinia decidua* H.Pfeiff. = *Ficinia monticola* Kunth

*Ficinia limosa* Levyns = *Ficinia pygmaea* Boeck.

## **KOBRESIA WILLD.**

*Kobresia ecklonii* (Nees) T.Koyama, J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 8: 80 (1961) = *Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)

*Kobresia lehmannii* (Nees) T.Koyama, J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 8: 80 (1961) = *Carex uhligii* K.Schum. ex C.B.Clarke, Bot. Jahrb. Syst. 38(2): 136 (1906)

## **SCHOENOXIPHIMUM NEES**

*Schoenoxiphium altum* Kukkonen, Notes Roy. Bot. Gard. Edinburgh 43(3): 365 (1986) = *Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)

*Schoenoxiphium basatorum* Turrill, Bull. Misc. Inform. Kew 1914(1): 19 (1914) = *Carex basatorum* (Turrill) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 26 (2015)

*Schoenoxiphium bracteosum* Kukkonen, Notes Roy. Bot. Gard. Edinburgh 43(3): 365 (1986) = *Carex schimperiana* Boeck., Linnaea 40: 373 (1876)

*Schoenoxiphium burttii* Kukkonen, Notes Roy. Bot. Gard. Edinburgh 43(3): 365 (1986), non *Carex burttii* Noltie (1993) = *Carex pseudorufa* Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)

*Schoenoxiphium distinctum* Kukkonen, Bot. Not. 131(2): 263 (1978) = *Carex distincta* (Kukkonen) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)

*Schoenoxiphium ecklonii* Nees, Linnaea 10: 200 (1835) = *Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)

*Schoenoxiphium ecklonii* Nees var. *unisexuale* Kük., Pflanzenr. (Engler) 38(IV, 20): 33 (1909) = *Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)

*Schoenoxiphium filiforme* Kük., Bull. Misc. Inform. Kew 1910(4): 129 (1910), non *Carex filiformis* L. (1753) = *Carex killickii* Nelves, Kew Bull. 10(1): 89 (1955)

*Schoenoxiphium lanceum* (Thunb.) Kük., Pflanzenr. (Engler) Cyperac.-Caricoid. 38(IV, 20): 28 (1909) = *Carex lancea* (Thunb.) Baill., Hist. Pl. (Baillon) 12: 341 (1894)

*Schoenoxiphium lehmannii* (Nees) Kunth ex Steud., Syn. Pl. Glumac. 2(10): 245 (1855) = *Carex uhligii* K.Schum. ex C.B.Clarke, Bot. Jahrb. Syst. 38(2): 136 (1906)

*Schoenoxiphium madagascariense* Cherm., Bull. Soc. Bot. France 70: 299 (1923), non *Carex madagascariensis* Boeckeler (1884) = *Carex multispiculata* Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)

*Schoenoxiphium molle* Kukkonen, Notes Roy. Bot. Gard. Edinburgh 43(3): 366 (1986) = *Carex killickii* Nelves, Kew Bull. 10(1): 89 (1955)

*Schoenoxiphium perdensum* Kukkonen, Bot. Not. 131(2): 265 (1978) = *Carex perdensa* (Kukkonen) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)

*Schoenoxiphium rufum* Nees, Linnaea 10: 201 (1835) = *Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)

*Schoenoxiphium rufum* Nees var. *dregeanum* (Kunth) Kük. = *Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)

*Schoenoxiphium rufum* Nees var. *pondoense* Kük., Pflanzenr. (Engler) Cyperac.-Caricoid. 38(IV, 20): 31 (1909) = *Carex ludwigii* (Hochst.) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 27 (2015)

*Schoenoxiphium schweickerdtii* Merxm. & Podlech, Mitt. Bot. Staatssamml. München 3: 529 (1960) = *Carex schweickerdtii* (Merxm. & Podlech) Luceño & Martín-Bravo, Bot. J. Linn. Soc. 179: 28 (2015)

*Schoenoxiphium strictum* Kukkonen, Notes Roy. Bot. Gard. Edinburgh 43(3): 366 (1986) = *Carex killickii* Nelves, Kew Bull. 10(1): 89 (1955)

*Schoenoxiphium thunbergii* Nees, Linnaea 9: 305 (1834) = *Carex capensis* Thunb., Prodr. Pl. Cap. 1: 14 (1794)

## **SCIRPOIDES SÉG.**

*Scirpoides dioeca* (Kunth) Browning, S. African J. Bot. 60(6): 318 (1994) = *Afroscirpoides dioeca* (Kunth) García-Madr., Taxon 64(4): 698, Lectotype: South Africa, Drege s.n. (K000416621). Designated by Browning, S. Afr. J. Bot. 55: 426 (1989).

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## **DICRANACEAE**

### **DICRANOLOMA (RENAULD) RENAULD**

*Dicranoloma entabeniense* Magill, Mem. Bot. Surv. S. Africa 43: 3. f. 1-8 (1979) = *Leucoloma entabeniense* (Magill) La Farge, Bryologist 105: 610 (2002)

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## **DIDIEREACEAE**

### **CERARIA H.PEARSON & STEPHENS**

*Ceraria fruticulosa* H.Pearson & Stephens, Ann. S. African Mus. 9(2): 34 (1912) = *Portulacaria fruticulosa* (H.Pearson & Stephens) Bruyns & Klak, Taxon 63(5): 1061 (2014), Type: South Africa. TcAlee Mtns., 2 Jul 1911, Pearson 6142 (BOL, lecto.; K, PRE, SAM, isolecto.) Lectotype designated by Bruyns et al., Taxon 63(4): 1061 (2014):  
*Ceraria namaquensis* (Sond.) H.Pearson & Stephens, Ann. S. African Mus. 9: 33 (1912) = *Portulacaria namaquensis* Sond., Fl. Cap. (Harvey) 2: 386 (1862), Type: South Africa. Namaqualand, Wylie s.n. (S, lecto.) Lectotype designated by Bruyns et al., Taxon 64(4): 1062 (2014)

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## **DIOSCOREACEAE**

### **DIOSCOREA L.**

*Dioscorea undatiloba* Baker, J. Bot. 27: 8 (1889) = *Dioscorea buchananii* Benth. subsp. *undatiloba* (Baker) Wilkin, PhytoKeys 48: 59 (2015), Type: South Africa. KwaZulu Natal: Port Natal, Mandini District, Tugela, male fl. & female fl. without date, Gerrard & McKen 1617 (K, post anthesis male fl. & female fl. [K000098906], holo.; TCD, female fl., iso.)

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## **DRYOPTERIDACEAE**

### **NOTHOPERANEMA (TAGAWA) CHING**

*Nothoperanema squamiseta* (Hook.) Ching, Acta Phytotax. Sin. 11: 27 (1966) = *Dryopteris squamiseta* (Hook.) Kuntze, Revis. Gen. Pl. 2: 813 (1891), Type: Equatorial Guinea. Bioko (Fernando Po): Clarence Peak, G. Mann 380 (K000351166, K000351167, holo.)

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## **EBENACEAE**

### **DIOSPYROS L.**

*Diospyros usambarensis* F.White = *Diospyros loureiriana* G.Don

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## **ERICACEAE**

### **BLAERIA L.**

*Blaeria barbiger*a (Salisb.) G.Don = *Erica barbiger*a Salisb., Trans. Linn. Soc. London 6: 341 (1802)

## **ERICA L.**

*Erica curviflora* L. var. *splendens* (J.C.Wendl.) Dulfer = *Erica conspicua* Sol.

*Erica longifolia* F.A.Bauer = *Erica viscaria* L. subsp. *longifolia* (F.A.Bauer) E.G.H.Oliv. & I.M.Oliv., *Bothalia* 32(1): 56 (2002)

*Erica longifolia* F.A.Bauer subsp. *gallorum* (Andrews) E.G.H.Oliv. & I.M.Oliv., ms. name = *Erica viscaria* L. subsp. *gallorum* (L.Bolus) E.G.H.Oliv. & I.M.Oliv., *Bothalia* 32(1): 56 (2002)

*Erica longifolia* F.A.Bauer subsp. *macrosepala* (Andrews) E.G.H.Oliv. & I.M.Oliv., ms. name = *Erica viscaria* L. subsp. *macrosepala* E.G.H.Oliv. & I.M.Oliv., *Bothalia* 32(1): 56 (2002)

*Erica longifolia* F.A.Bauer subsp. *pendula* E.G.H.Oliv. & I.M.Oliv., ms. name = *Erica viscaria* L. subsp. *pendula* E.G.H.Oliv. & I.M.Oliv., *Bothalia* 32(1): 58 (2002)

*Erica longifolia* F.A.Bauer subsp. *pustulata* (H.A.Baker) E.G.H.Oliv. & I.M.Oliv., ms. name = *Erica viscaria* L. subsp. *pustulata* (H.A.Baker) E.G.H.Oliv. & I.M.Oliv., *Bothalia* 32(1): 58 (2002)

*Erica viscaria* L. var. *decora* (Andrews) Bolus = *Erica viscaria* L. subsp. *viscaria*

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## **ESCALLONIACEAE**

### **CHORISTYLIS HARV.**

*Choristylis rhamnoides* Harv., London J. Bot. 1: 19 (1842) = *Itea rhamnoides* (Harv.) Kubitzki, *Fam. & Gen. Vasc. Pl. [K.Kubitzki]* 9: 203 (2006), Type: South Africa, Eastern Cape, Katberg, Brownlee s.n. (TCD, holo.; K, iso.)

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## **EUPHORBIACEAE**

### **CTENOMERIA HARV.**

*Ctenomeria capensis* (Thunb.) Harv. ex Sond., *Linnaea* 23: 109 (1850) = *Tragia capensis* Thunb., *Prodr. Pl. Cap.* 1: 14 (1794)

### **EUPHORBIA L.**

*Euphorbia brachiata* (E.Mey. ex Klotzsch & Garcke) Boiss., *Prodr. [A. P. de Candolle]* 15(2.1): 74 (1862) = *Euphorbia rhombifolia* Boiss., *Cent. Euphorb.*: 19 (1860), Type: South Africa, Cape, arid places on southern Karoo, Drège 8217 (G, lecto.; K, S, W, isolecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 220 (2012).

*Euphorbia clavarioides* Boiss. var. *truncata* (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane, *Succ. Euphorb.*: 309 (1941) = *Euphorbia clavarioides* Boiss., *Cent. Euphorb.*: 25 (1860), Type: South Africa, Cape, Sneeuberge at Poortjie, Drège 8200 (P, lecto.; K, S, W, isolecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 232 (2012).

*Euphorbia crispa* (Haw.) Sweet, *Hort. Brit.*: 356 (1826) = *Euphorbia tuberosa* L., *Sp. Pl.* 1: 456 (1753), Type: Illustration in J. Burm., *Rar. Afric. Pl.*: t. 4 (1738) (lecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 242 (2012).

*Euphorbia enopla* Boiss., *Cent. Euphorb.*: 27 (1860); Type: South Africa, Cape, Witpoortsberg, Aug., Drège 8207 (S, holo.; BM-2 sheets, K, MO, P, W-2 sheets, iso.) = *Euphorbia heptagona* L., *Sp. Pl.* 1: 450 (1753), Type: Illustration in Boerh., *Ind. Alter. Hort. Lugd.-Bat.* 1: figure opposite p. 258 (1720) (lecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 236 (2012).

*Euphorbia enopla* auct. var. *dentata* A.Berger, *Sukkul. Euphorb.*: 95 (1906), sensu A.Berger; Type: South Africa, Cape, Witpoortsberg, Drège (P, lecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 236 (2012). = *Euphorbia heptagona* L., *Sp. Pl.* 1: 450 (1753), Type: Illustration in Boerh., *Ind. Alter. Hort. Lugd.-Bat.* 1: figure opposite p. 258 (1720) (lecto.) Lectotype designated by Bruyns, *Bothalia* 42(2): 236 (2012).



- Euphorbia eustacei* N.E.Br., Bull. Misc. Inform. Kew 1913(3): 122 (1913); Type: South Africa, Cape, near Matjiesfontein, Oct. 1912, C.E. Pillans (K 000253356, holo.; K, PRE, iso.) = ***Euphorbia loricata* Lam., Encycl. [J. Lamarck & al.] 2(2): 416 (1788), Type: Illustration in Pluk., Phytographia 3: t. 230, figure 5 (1692) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 237 (2012).**
- Euphorbia franksiae* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 315 (1915); Type: South Africa, Natal, Camperdown, 19 Oct. 1910, Franks sub Medley-Wood 11727 (K, holo.; NH, PRE, iso.) = ***Euphorbia flanagani* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 314 (1915), Type: South Africa, Cape, grassy slopes near Kei Mouth, 100', June 1893, Flanagan 1800 (PRE 0254449-0, holo.; K, PRE, iso.)**
- Euphorbia inermis* Mill. var. *huttonae* (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane, Succ. Euphorb.: 395 (1941) = ***Euphorbia huttonae* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 316 (1915), Type: South Africa, Cape, Carlisle Bridge, on the Fish River, fl. Nov. 1903, H. Hutton (K, holo.; GRA, iso.)**
- Euphorbia mauritanica* L. var. *lignosa* A.C.White, R.A.Dyer & B.Sloane, Succ. Euphorb.: 961 (1941); Type: Namibia, Namib near Lüderitzbucht, Nov. 1908, Marloth 4638 (PRE 0248633-0, holo.; PRE, iso.) = ***Euphorbia mauritanica* L., Sp. Pl. 1: 452 (1753), Type: Illustration in Dillen., Hort. Eltham. 2: 384, t. 289, f. 373 (1732) (lecto.) Lectotype designated by Croizat, American Midland Naturalist 33: (1945).**
- Euphorbia meloformis* Aiton subsp. *valida* (N.E.Br.) G.D.Rowley, Euphorbiaceae Study Group Bull. 11(3): 97 (1998) = ***Euphorbia meloformis* Aiton, Hort. Kew. [W. Aiton] 2: 135 (1789), Type: Illustration by F. Masson at BM of specimen introduced 1774 from Cape of Good Hope collected by Masson (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 238 (2012).**
- Euphorbia micracantha* Boiss., Cent. Euphorb.: 25 (1860); Type: South Africa, Cape, between Zuurberg and Klein Bruintjieshoogte, Oct., Drège 8206a (K, lecto.; MO, S, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 229 (2012). = ***Euphorbia stellata* Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 886 (1799), Type: Illustration in F. le Vaillant, Reise Itin. Ed. Germ. Francof. 4: 245, t. 11 (1797) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 228 (2012).**
- Euphorbia pseudoduseimata* A.C.White, R.A.Dyer & B.Sloane, Succ. Euphorb. 2: 963 (1941); Type: Namibia, Hohenhorst, 45 miles SW of Windhoek, Nov. 1940, Otzen (PRE, holo.; K, iso.) = ***Euphorbia davyi* N.E.Br., Fl. Cap. (Harvey) 5(2.2): 305 (1915), Type: South Africa, Transvaal, near Pretoria, 19 Nov. 1901, J.W.C. Kirk 48 (K, lecto.; PRE, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 233 (2012).**
- Euphorbia squarrosa* Haw., Phil. Mag.: 276 (1826); Type: Illustration number 295/423 by G. Bond at K of specimen from Cape of Good Hope (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 229 (2012). = ***Euphorbia stellata* Willd., Sp. Pl., ed. 4 [Willdenow] 2(2): 886 (1799), Type: Illustration in F. le Vaillant, Reise Itin. Ed. Germ. Francof. 4: 245, t. 11 (1797) (lecto.) Lectotype designated by Bruyns, Bothalia 42(2): 228 (2012).**
- Euphorbia versicolores* G.Will., Cact. Succ. J. (Los Angeles) 67(5): 284 (1995); Type: South Africa, Cape, near Eksteenfontein, Williamson 4453 (NBG, holo.) = ***Euphorbia filiflora* Marloth, Trans. Roy. Soc. South Africa 3: 123 (1913), Type: South Africa, Cape, near Concordia, Apr. 1912, Krapohl sub Marloth 5119 (NBG, lecto.; K, PRE, isolecto.) Lectotype designated by Bruyns, Bothalia 42(2): 234 (2012).**

## **MONADENIUM PAX**

- Monadenium lugardiae* N.E.Br., Bull. Misc. Inform. Kew 1909(3): 138 (1909) = ***Euphorbia lugardiae* (N.E.Br.) Bruyns, Taxon 55(2): 413 (2006), Type: Botswana, foot of Kwebe Peak, Kwebe Hills, fl. Aug. 1897 & leaves Feb. 1898, Mrs Lugard 22 (K, holo.)**

## **PEDILANTHUS A. POIT.**

*Pedilanthus tithymaloides* (L.) A. Poit. subsp. *smallii* (Millsp.) Dressler, Contr. Gray Herb. 182: 152 (1957) = *Euphorbia tithymaloides* L. subsp. *smallii* (Millsp.) V.W. Steinm., Acta Bot. Mex. 65: 50 (2003)

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## **FABACEAE**

### **ACACIA MILL.**

*Acacia armata* R.Br. = *Acacia paradoxa* DC.

*Acacia brevispica* Harms subsp. *dregeana* (Benth.) Brenan = *Senegalia brevispica* (Harms)

Seigler & Ebinger subsp. *dregeana* (Benth.) Kyal. & Boatwr.

*Acacia luederitzii* Engl. = *Vachellia luederitzii* (Engl.) Kyal. & Boatwr.

### **CALPURNIA E. MEY.**

*Calpurnia villosa* Harv. = *Calpurnia intrusa* (R.Br. in W.T. Aiton) E. Mey.

*Calpurnia villosa* Harv. var. *intrusa* (R.Br. ex Aiton f.) E. Mey. = *Calpurnia intrusa* (R.Br. in W.T. Aiton) E. Mey.

### **CHIROCALYX MEISN.**

*Chirocalyx mollissimus* Meisn. = *Erythrina latissima* E. Mey.

### **CROTALARIA L.**

*Crotalaria brachycarpa* (Benth.) Burt Davy ex I. Verd., Bothalia 2: 412 (1928) = *Crotalaria magaliesbergensis* A.S. Flores & Sch. Rodr., Phytotaxa 33: 59 (2011)

*Crotalaria effusa* E. Mey., Comm. Pl. Afr. Austr. (Meyer): 25 (1836); Types: South Africa.

Western Cape, Krakkeelskraal [between Pedroskloof and Leliefontein], Drege 'a' (B, lecto. †; P, isolecto.) and Drege 'III.A.a' (NYBG, isolecto.). See Polhill, *Crotalaria* in Africa and Madagascar (1982). = *Crotalaria humilis* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 2: 174 (1836), Type: South Africa. Western Cape, Olifants River, Ecklon & Zeyher 1263 (K [sub K. no. 000225773], lecto.; MO, P, S, SAM, isolecto.). Designated by Le Roux & Van Wyk, Syst. Bot 38(3): 649 (2013).

### **CYCLOPIA VENT.**

*Cyclopia montana* Hofmeyr & E. Phillips = *Cyclopia meyeriana* Walp.

### **DOLICHOS L.**

*Dolichos junodii* (Harms) Verdc., Mitt. Bot. Staatssamml. München 7: 327 (1970) = *Nesphostylis junodii* (Harms) Munyeny. & F.A. Bisby, Kew Bull. 52(3): 690 (1997)

### **GALACTIA P. BROWNE**

*Galactia tenuiflora* (Willd.) Wight & Arn. var. *villosa* (Wight & Arn.) Benth., Fl. Bras. (Martius)

15: 143 (1859) = *Galactia striata* (Jacq.) Urb. var. *villosa* (Wight & Arn.) Verdc., Fl.

Zambes. 3(5): 42 (2001), Type: from India

### **INDIGOFERA L.**

*Indigofera charlieriana* Schinz var. *scaberrima* (Schinz) J.B. Gillett = *Indigofera charlieriana*

Schinz subsp. *sessilis* (Schinz) J.B. Gillett var. *scaberrima*

*Indigofera inyangana* N.E. Br. = *Indigofera hedyantha* Eckl. & Zeyh. subsp. *inyangana* (N.E. Br.) Schrire

*Indigofera pechuelii* Kuntze = *Indigofera heterotricha* DC. subsp. *pechuelii* (Kuntze) Schrire

*Indigofera trita* L.f. subsp. *scabra* (Roth) de Kort & G.Thijssse = *Indigofera subulata* Vahl ex Poir. var. *scabra* (Roth) Meikle  
*Indigofera trita* L.f. subsp. *subulata* (Vahl ex Poir.) Ali = *Indigofera subulata* Vahl ex Poir.

### **LOTONONIS (DC.) ECKL. & ZEYH.**

*Lotononis affinis* Burttt Davy = *Leobordea mucronata* (Conrath) B.-E.van Wyk & Boatwr.

### **NEORAUTANENIA SCHINZ**

*Neorautanenia brachypus* (Harms) C.A.Sm. = *Neorautanenia mitis* (A.Rich.) Verdc.

### **PLEIOSPORA HARV.**

*Pleiospora holosericea* Schinz = *Pearsonia cajanifolia* (Harv.) Polhill subsp. *cryptantha* (Baker) Polhill

### **PRIESTLEYA DC.**

*Priestleya laevigata* (L.) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 641 (1917) = *Liparia laevigata* (L.) Thunb., Prodr. Pl. Cap. 2: 123 (1800)

### **RHYNCHOSIA LOUR.**

*Rhynchosia elegantissima* Schinz, Vierteljahrsschr. Naturf. Ges. Zürich 52: 428 (1907); Type: South Africa, Limpopo, 2429 (Nylstroom), 'Makapansberge [Makapaansberg], Streydpoort', date unknown, Rehmann 5545 (Z, holo.) = *Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., Kew Bull. 25(1): 99 (1971), Type: Angola 'Huila, between Catumba and Ohay, date unknown', Welwitsch 4072 (COI, holo.; BM, K, LISU, P, iso.)

*Rhynchosia longiflora* Schinz, Verh. Bot. Vereins Prov. Brandenburg 30: 169 (1888); Type: Namibia, 'Gross Namaland [Great Namaqualand]', 2 Apr 1885, Schinz 793 (Z, holo.) = *Rhynchosia totta* (Thunb.) DC. var. *rigidula* (DC.) Moteetee & M.M.le Roux, Bothalia-ABC 46(1), a2041: 12 (2016), Type: South Africa, Western Cape, 'ad Cap. B.-Spei', without date, Burchell 2587 (G-DC, holo.)

*Rhynchosia namaensis* Schinz, Vierteljahrsschr. Naturf. Ges. Zürich 52: 427 (1907); Type: Namibia, 2317 (Rehoboth), 'an Flussrinnen im Gebirge südlin von Rehoboth [channels in mountains S of Rehoboth]', 1895, Fleck 698 (Z, holo.) = *Rhynchosia totta* (Thunb.) DC. var. *rigidula* (DC.) Moteetee & M.M.le Roux, Bothalia-ABC 46(1), a2041: 12 (2016), Type: South Africa, Western Cape, 'ad Cap. B.-Spei', without date, Burchell 2587 (G-DC, holo.)

*Rhynchosia nervosa* Benth. ex Harv. var. *petiolata* Burttt Davy, Man. Flow. Pl. Transvaal: 411 (1932); Type: South Africa, Gauteng, 2627 (Potchefstroom), 'Buttholm, Vereeniging', Apr 1922, Burttt Davy 17655 (K, lecto.; PRE, isolecto.) Lectotype designated by Moteetee & Le Roux, Bothalia-ABC 46(1), a2041: 4 (2016). = *Rhynchosia totta* (Thunb.) DC. var. *totta*

*Rhynchosia venulosa* (Hiern) K.Schum., Just's Bot. Jahresber. 27(1): 496 (1901) = *Rhynchosia totta* (Thunb.) DC. var. *venulosa* (Hiern) Verdc., Kew Bull. 25(1): 99 (1971), Type: Angola 'Huila, between Catumba and Ohay, date unknown', Welwitsch 4072 (COI, holo.; BM, K, LISU, P, iso.)

### **TEPHROSIA PERS.**

*Tephrosia longipes* Meisn. subsp. *longipes* var. *uncinata* Harv., Status doubtful = *Tephrosia longipes* Meisn.

### **VIGNA SAVI**

*Vigna scabrida* Burttt Davy = *Vigna unguiculata* (L.) Walp. subsp. *unguiculata* (Schweinf.) Pasquet var. *spontanea*

## HYACINTHACEAE

### **DRIMIA JACQ. EX WILLD.**

*Drimia cuscutoides* (Burch. ex Baker) J.C.Manning & Goldblatt = *Drimia intricata* (Baker) J.C.Manning & Goldblatt

### **LACHENALIA J.JACQ. EX MURRAY**

*Lachenalia aloides* (L.f.) Engl. var. *aurea* (Lindl.) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899) = *Lachenalia flava* Andrews, Bot. Repos.: t. 456 (1807), Type: South Africa, Cape, precise locality and collector unknown, figure in Andrews, The Botanist's Repository 7: t.456 (1807) (lecto.) Lectotype designated by Duncan, The Genus *Lachenalia*: 146 (2012).

*Lachenalia aloides* (L.f.) Engl. var. *quadricolor* (Jacq.) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899) = *Lachenalia quadricolor* Jacq., Coll. Suppl.: 62 (1797), Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 16, t.396 (1795) (neo.) Neotype designated by Duncan, The Genus *Lachenalia*: 143 (2012).

*Lachenalia aloides* (L.f.) Engl. var. *vanzyliae* W.F.Barker, J. S. African Bot. 50(4): 543 (1984) = *Lachenalia vanzyliae* (W.F.Barker) G.D.Duncan & T.J.Edwards, Genus *Lachenalia*: 131 (2012), Type: South Africa, Western Cape, Piketberg Mountain above town, W.F. Barker 10349 (NBG, holo.)

*Lachenalia elegans* W.F.Barker var. *flava* W.F.Barker, S. African J. Bot. 55(6): 634 (1989) = *Lachenalia karoopoortensis* G.D.Duncan, Genus *Lachenalia*: 394 (2012), nom. nov. pro *Lachenalia elegans* var. *flava* W.F.Barker (1989), Type: South Africa, Western Cape, Karoo Poort, north of Ceres, R.H. Compton s.n. Hort NBG 333/41 (NBG, holo.)

*Lachenalia elegans* W.F.Barker var. *membranacea* W.F.Barker, S. African J. Bot. 55(6): 636 (1989) = *Lachenalia membranacea* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 397 (2012), Type: South Africa, Northern Cape, Nieuwoudtville, H. Buhr s.n. sub hort NBG 646/29 (NBG, holo.)

*Lachenalia elegans* W.F.Barker var. *suaveolens* W.F.Barker, S. African J. Bot. 55(6): 635 (1989) = *Lachenalia suaveolens* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 399 (2012), Type: South Africa, Northern Cape, Nieuwoudtville, H. Buhr s.n. sub NBG 1584/30 (BOL, holo.)

*Lachenalia esterhuyseniae* W.F.Barker, J. S. African Bot. 44(4): 398 (1978), sphalm 'esterhuysenae'; Type: South Africa, Western Cape, northern Cederberg, Sneeuwberg area above Bakleikraal, E.E. Esterhuysen 34149 (BOL, holo.; K, MO, NBG, PRE, S, iso.) = *Lachenalia juncifolia* Baker, J. Linn. Soc., Bot. 11: 409 (1870), Type: South Africa, Western Cape, Caledon, C.F. Ecklon & C.L. Zeyher 51 (TCD, holo.; SAM, S, iso.)

*Lachenalia gillettii* W.F.Barker, Fl. Pl. South Africa 13: t.506 (1933); Type: South Africa, Western Cape, Modderfontein in Olifants River Valley, J.B. Gillett 3650 (BOL, holo.) = *Lachenalia pallida* Aiton, Hort. Kew. [W. Aiton] 1: 460 (1789), Type: South Africa, Cape, precise locality and collector unknown, cultivated specimen (BM, holo.)

*Lachenalia hirta* (Thunb.) Thunb. var. *exserta* W.F.Barker, S. African J. Bot. 55(6): 638 (1989); Type: South Africa, Western Cape, Piketberg district, south of 'The Rest', T.M. Salter 3867 (BOL, holo.; BM, K, iso.) = *Lachenalia hirta* (Thunb.) Thunb., Prodr. Pl. Cap. 1: 64 (1794), Type: South Africa, Cape, precise locality unknown, C.P. Thunberg 8549 in Herb. Thunb. (UPS, holo.)

*Lachenalia juncifolia* Baker var. *campanulata* W.F.Barker, S. African J. Bot. 55(6): 640 (1989) = *Lachenalia magentea* G.D.Duncan, Genus *Lachenalia*: 343 (2012), nom. nov. pro *Lachenalia juncifolia* Baker var. *campanulata* W.F.Barker (1989), Type: South Africa, Western Cape, south of Riversdale on Blombos Road, G.J. Lewis 5628 (NBG, holo.)

- Lachenalia maughanii* (W.F.Barker) J.C.Manning & Goldblatt, *Edinburgh J. Bot.* 60(3): 565 (2004) = ***Lachenalia ensifolia* (Thunb.) J.C.Manning & Goldblatt subsp. *maughanii* (W.F.Barker) G.D.Duncan, *Genus Lachenalia*: 434 (2012), Type: South Africa, Northern Cape, Nieuwoudtville, L. Bolus s.n. sub BOL 19613 (BOL, holo.; K, iso.)**
- Lachenalia mediana* Jacq. var. *rogersii* (Baker) W.F.Barker, *S. African J. Bot.* 55(6): 642 (1989) = ***Lachenalia mediana* Jacq. subsp. *rogersii* (Baker) G.D.Duncan, *Genus Lachenalia*: 195 (2012), Type: South Africa, Cape, precise locality unknown, W.M. Rogers s.n. (K) Type: South Africa, Western Cape, Tulbagh, C.W. L. Pappé s.n. (K, lecto.; sub SAM 23131, isolecto.) Lectotype designated by Barker, *South African Journal of Botany* 55(6): 642 (1989).**
- Lachenalia muirii* W.F.Barker, *S. African Gard.* 20: 14 (1930); Type: South Africa, Western Cape, Government Reserve opposite Stilbaai, J. Muir 1875 (BOL, holo.) = ***Lachenalia sessiliflora* Andrews, *Bot. Repos.*: t. 460 (1807), Type: South Africa, Cape, precise locality and collector unknown, figure in *The Botanist's Repository* 7: t.460 (1807) (lecto.) Lectotype designated by Duncan, *The Genus Lachenalia*: 403 (2012).**
- Lachenalia orchioides* (L.) Aiton var. *glaucina* (Jacq.) W.F.Barker, *S. African J. Bot.* 55(6): 640 (1989) = ***Lachenalia orchioides* (L.) Aiton subsp. *glaucina* (Jacq.) G.D.Duncan, *Genus Lachenalia*: 118 (2012), Type: South Africa, precise locality and collector unknown. Jacquin, *Icones Plantarum Rariorum* 2(15): t.391 (1793 or 1794) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 118 (2012).**
- Lachenalia pustulata* Jacq., *Coll.* 3: 244 (1790); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 6, t.386 (1790) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 195 (2012). = ***Lachenalia pallida* Aiton, *Hort. Kew.* [W. Aiton] 1: 460 (1789), Type: South Africa, Cape, precise locality and collector unknown, cultivated specimen (BM, holo.)**
- Lachenalia rubida* Jacq., *Coll. Suppl.* 5:60 (1797); Type: South Africa, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 15, t.398 (1793 or 1794) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 160 (2012). = ***Lachenalia punctata* Jacq., *Coll.* 2: 323 (1788), Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 6, t. 397 (1790) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 160 (2012).**
- Lachenalia rubida* Jacq. var. *punctata* (Jacq.) Baker, *Fl. Cap.* (Thiselton-Dyer) 6: 424 (1897) = ***Lachenalia punctata* Jacq., *Coll.* 2: 323 (1788), Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 6, t. 397 (1790) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 160 (2012).**
- Lachenalia rubida* Jacq. var. *tigrina* (Jacq.) Baker, *Fl. Cap.* (Thiselton-Dyer) 6: 424 (1897) = ***Lachenalia punctata* Jacq., *Coll.* 2: 323 (1788), Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 6, t. 397 (1790) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 160 (2012).**
- Lachenalia unicolor* Jacq., *Coll. Suppl.* 5: 61 (1797); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, *Icones Plantarum Rariorum* 2: 16, t.389 (1795) (neo.) Neotype designated by Duncan, *The Genus Lachenalia*: 196 (2012). = ***Lachenalia pallida* Aiton, *Hort. Kew.* [W. Aiton] 1: 460 (1789), Type: South Africa, Cape, precise locality and collector unknown, cultivated specimen (BM, holo.)**
- Lachenalia unifolia* Jacq. var. *schlechteri* (Baker) W.F.Barker, *S. African J. Bot.* 55(6): 643 (1989) = ***Lachenalia schlechteri* Baker, *Bull. Herb. Boissier Ser.* 2, 4: 999 (1904), Type: South Africa, Western Cape, Piquetberg Road (=Gouda), F.R.R. Schlechter 4855 (Z, holo.)**
- Lachenalia unifolia* Jacq. var. *wrightii* Baker, *Fl. Cap.* (Thiselton-Dyer) 6: 431 (1897) = ***Lachenalia wrightii* Baker, *J. Bot.* 16: 322 (1878), Type: South Africa, Western Cape, Simons Bay, C. Wright 219 (K, holo.)**

*Lachenalia violacea* Jacq. var. *glauca* W.F.Barker, S. African J. Bot. 55(6): 639 (1989) = *Lachenalia glauca* (W.F.Barker) G.D.Duncan, Genus *Lachenalia*: 299 (2012), Type: South Africa, Northern Cape, Grootvlei, west of Kamieskroon, J.P. Rourke 812 (NBG, holo.)

*Lachenalia zebrina* W.F.Barker forma *densiflora* W.F.Barker, J. S. African Bot. 49(4): 426 (1983); Type: South Africa, Cape, north of Downes on Klipwerf Road, M.L. Thomas s.n. sub NBG 105714 (NBG, holo.) = *Lachenalia zebrina* W.F.Barker, J. S. African Bot. 49(4): 424 (1983), Type: South Africa, Western Cape, Whitehill, R.H. Compton 17392 (NBG, holo.; BOL, iso.)

## **ORNITHOGALUM L.**

*Ornithogalum crispifolium* F.M.Leight. = *Ornithogalum graminifolium* Thunb.

*Ornithogalum gildenhuysii* Van Jaarsv., Herbertia 65: 51 (2012) = *Albuca gildenhuysii* (Van Jaarsv.) Van Jaarsv., Bradleya 34: 142 (2016)

*Ornithogalum marlothii* F.M.Leight. = *Ornithogalum hispidum* Hornem. subsp. *hispidum*

## **POLYXENA KUNTH**

*Polyxena calcicola* U.Müll.-Doblies & D.Müll.-Doblies, Feddes Repert. 108(1-2): 85 (1997) = *Lachenalia calcicola* (U.Müll.-Doblies & D.Müll.-Doblies) G.D.Duncan, Genus *Lachenalia*: 435 (2012), Type: South Africa, Western Cape, De Hoop Nature Reserve, U. & D. Mueller-Dobies 84026a (PRE, holo.; B, BOL, BTU, G, GRA, K, M, MO, NBG, P, PRE, S, UPS, Z, iso.)

## **RESNOVA VAN DER MERWE**

*Resnova humifusa* (Baker) U.Müll.-Doblies & D.Müll.-Doblies = *Ledebouria humifusa* (Baker) J.C.Manning & Goldblatt, Edinburgh J. Bot. 60(3): 561 (2004)

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# **HYPOXIDACEAE**

## **HYPOXIS L.**

*Hypoxis obliqua* Jacq. = *Hypoxis villosa* L.f. var. *obliqua* (Jacq.) Baker

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# **IRIDACEAE**

## **ARISTEA AITON**

*Aristea gerrardii* Weim., Lunds Univ. Arsskrift, n. f. 36(1): 17 (1940); Type: South Africa, [KwaZulu-Natal], without precise locality or date, Gerrard 393 (K, holo.; P, iso.) = *Aristea compressa* Buchinger ex Baker, J. Linn. Soc., Bot. 16: 111 (1877), Type: South Africa, [KwaZulu-Natal], forest margins near Umlaas River, 1840, Krauss 35H (K, holo., MO [2 sheets], iso.).

## **HESPERANTHA KER GAWL.**

*Hesperantha ciliolata* Goldblatt, J. S. Afr. Bot. 50(1): 59 (1984); Type: South Africa. Northern Cape. Roggeveld Escarpment. Farm Geelhoek, 21 Sept. 1953, Acocks 17176 (PRE, holo.) = *Hesperantha pilosa* (L.f.) Ker Gawl. subsp. *bracteolata* (R.C.Foster) Goldblatt & J.C.Manning, Bothalia 43(2): 149 (2013), Type: South Africa, [Northern Cape], Farm Uitkyk, Marloth 9907 (B, holo.; PRE, iso.).

## **IXIA L.**

*Ixia abbreviata* Houtt. var. *ovata* (Andrews) Goldblatt & J.C.Manning, Bothalia 40(1): 64 (2010) = *Ixia abbreviata* Houtt., Handl. Pl.-Kruidk. 12: 41, t. 78. f. 3 (1780), Type: South Africa, without precise locality or collector, illustration in Houttyn., Nat. Hist. 12: t. 78 f. 3 (1780)

- Ixia amethystina* J.C.Manning & Goldblatt, *Bothalia* 36(2): 139 (2006); Type: South Africa, Northern Cape, west of Farm Agterkop, near top of Gannaga Pass, 16/09/1997, Goldblatt & Manning 10745A (NBG, holo.; MO, iso.) = ***Ixia brevituba* G.J.Lewis, J. S. African Bot. 28: 170 (1962), Type: South Africa, Northern Cape, ‘Quagas Pass [probably Ganagga Pass], road between Middelpas and Ceres’, 09/1929, Grant & Theiler 4931 (BOL, holo)**
- Ixia maculata* L. var. *fuscocitrina* (Desf. ex DC.) G.J.Lewis, J. S. African Bot. 27: 144 (1962) = ***Ixia fuscocitrina* Desf. ex DC., Liliac. [Redouté] 2: t. 86 (1804), Type: South Africa, without precise locality or collector, illustration in Redouté, Liliac.: t. 86 (1804)**
- Ixia micrandra* Baker var. *confusa* G.J.Lewis, S. African J. Bot. 28: 162 (1962) = ***Ixia confusa* (G.J.Lewis) Goldblatt & J.C.Manning, Bothalia 42(2): 97 (2012), Type: South Africa, Western Cape, Montagu, Donkerkloof, 26/09/1946, Compton 18481 (NBG, holo.; BOL, iso.)**
- Ixia patens* Aiton var. *linearifolia* G.J.Lewis, J. S. African Bot. 27: 119 (1962); Type: South Africa, without precise locality, Thom s.n. (K, holo.) = ***Ixia patens* Aiton, Hort. Kew. [W. Aiton] 1: 59 (1789), Type: South Africa, without precise locality or collector, ex. hort. Kew (BM, holo.)**
- Ixia polystachya* L. var. *crassifolia* G.J.Lewis, J. S. African Bot. 27: 108 (1962); Type: South Africa, Western Cape Province, north of Malmesbury, Sep. [without year], Schelpe 4225 (SAM, holo.; BOL, iso.) = ***Ixia polystachya* L., Sp. Pl., ed. 2. 1: 51 (1762), Type: South Africa, without precise locality or collector, illustration in Miller, Fig. Pl.: t. 155 f. 2 (1760)**
- Ixia polystachya* L. var. *longistylis* M.P.de Vos, Fl. S. Africa 7(2:1): 39 (1999) = ***Ixia longistylis* (M.P.de Vos) Goldblatt & J.C.Manning, S. African J. Bot. 104: 187 (2016), Type: South Africa, Western Cape Province, Worcester–Rawsonville, Farm Pokkraal, 11/11/1986, De Vos 2681 (NBG [as STE], holo.)**
- Ixia polystachya* L. var. *lutea* (Ker Gawl.) G.J.Lewis, J. S. African Bot. 27: 107 (1962) = ***Ixia erecta* Thunb. var. *lutea* Ker Gawl., Curtis's Bot.Mag. 22: t. 846 (1805), Type: South Africa, without precise locality or collector, illustration in Curtis's Bot. Mag. 22: t. 846 (1805). No plant matching this illustration is known.**
- Ixia viridiflora* Lam. var. *minor* M.P.de Vos, Fl. S. Africa 7(2:1): 45 (1999); Type: South Africa, Western Cape Province, Wolseley, Mostertshoek, Mostert sub De Vos 2722 (NBG [as STE], holo.) = ***Ixia viridiflora* Lam., Encycl. [J. Lamarck & al.] 3(1): 340 (1789), Type: South Africa, without precise locality or collector (P: Herb. Lamarck, holo.)**

## **LAPEIROUSIA POURR.**

- Lapeirousia avasmontana* Dinter = ***Psilosiphon avasmontanus* (Dinter) Goldblatt & J.C.Manning, Strelitzia 35: 114 (2015)**
- Lapeirousia azurea* (Eckl. ex Baker) Goldblatt = ***Codonorhiza azurea* (Eckl. ex Baker) Goldblatt & J.C.Manning, Strelitzia 35: 93 (2015)**
- Lapeirousia bainesii* Baker = ***Psilosiphon bainesii* (Baker) Goldblatt & J.C.Manning, Strelitzia 35: 130 (2015)**
- Lapeirousia caudata* Schinz = ***Lapeirousia littoralis* Baker**
- Lapeirousia coerulea* Schinz = ***Psilosiphon coeruleus* (Schinz) Goldblatt & J.C.Manning, Strelitzia 35: 121 (2015)**
- Lapeirousia corymbosa* (L.) Ker Gawl. = ***Codonorhiza corymbosa* (L.) Goldblatt & J.C.Manning, Strelitzia 35: 98 (2015)**
- Lapeirousia dolomitica* Dinter subsp. *lewisiana* (B.Nord.) Goldblatt = ***Lapeirousia lewisiana* B.Nord.**
- Lapeirousia erythrantha* (Klotzsch ex Klatt) Baker = ***Psilosiphon erythranthus* (Klotzsch ex Klatt) Goldblatt & J.C.Manning, Strelitzia 35: 123 (2015)**
- Lapeirousia falcata* (L.f.) Ker Gawl. = ***Codonorhiza falcata* (L.f.) Goldblatt & J.C.Manning, Strelitzia 35: 89 (2015)**

- Lapeirousia gracilis* Vaupel = *Psilosiphon gracilis* (Vaupel) Goldblatt & J.C.Manning, **Strelitzia 35: 117 (2015)**
- Lapeirousia masukuensis* Vaupel & Schltr. = *Psilosiphon masukuensis* (Vaupel & Schltr.) Goldblatt & J.C.Manning, **Strelitzia 35: 126 (2015)**
- Lapeirousia micrantha* (E.Mey. ex Klatt) Baker = *Codonrhiza micrantha* (E.Mey. ex Klatt) Goldblatt & J.C.Manning, **Strelitzia 35: 90 (2015)**
- Lapeirousia neglecta* Goldblatt = *Schizorhiza neglecta* (Goldblatt) Goldblatt & J.C.Manning, **Strelitzia 35: 104 (2015)**
- Lapeirousia otaviensis* R.C.Foster = *Psilosiphon otaviensis* (R.C.Foster) Goldblatt & J.C.Manning, **Strelitzia 35: 128 (2015)**
- Lapeirousia plicata* (Jacq.) Diels subsp. *longifolia* Goldblatt = *Lapeirousia kalahariensis* Goldblatt & J.C.Manning, **Strelitzia 35: 51 (2015)**
- Lapeirousia rivularis* Wanntorp = *Psilosiphon rivularis* (Wanntorp) Goldblatt & J.C.Manning, **Strelitzia 35: 119 (2015)**
- Lapeirousia sandersonii* Baker = *Psilosiphon sandersonii* (Baker) Goldblatt & J.C.Manning subsp. *sandersonii*, **Strelitzia 35: 113 (2015)**
- Lapeirousia schimperi* (Asch. & Klatt) Milne-Redh. = *Psilosiphon schimperi* (Klatt) Goldblatt & J.C.Manning, **Strelitzia 35: 133 (2015)**

### **MORAEA MILL.**

- Moraea balenii* Stent, insufficiently known taxon = *Moraea spathulata* (L.f.) Klatt
- Moraea corniculata* Lam. = *Moraea fugax* (D.Delaroche) Jacq., Hort. Vindob. 3: 14, t. 20 (1776)

## **JUNCACEAE**

### **JUNCUS L.**

- Juncus sonderianus* Buchenau = *Juncus dregeanus* Kunth subsp. *dregeanus*

## **LAMIACEAE**

### **BECIUM LINDL.**

- Becium grandiflorum* (Lam.) Pic.Serm. var. *galpinii* (Gürke) Sebald = *Ocimum obovatum* E.Mey. ex Benth. subsp. *obovatum* (Gürke) A.J.Paton var. *galpinii*

### **CLERODENDRUM L.**

- Clerodendrum suffruticosum* Gürke, Bot. Jahrb. Syst. 28(3): 302 (1900) = *Rothea suffuticosa* (Gürke) Verdc., Kew Bull. 55(1): 153 (2000), Type: Tanzania, S Uluguru Mts, Goetze 191 (B, holo.†)
- Clerodendrum suffruticosum* Gürke var. *natalense* Moldenke = *Rothea suffuticosa* (Gürke) Verdc., Kew Bull. 55(1): 153 (2000), Type: Tanzania, S Uluguru Mts, Goetze 191 (B, holo.†)
- Clerodendrum transvaalense* B.Thomas, Bot. Jahrb. Syst. 68(1): 78 (1936), nom. nov. pro *C. simile* H.Pearson = *Clerodendrum ternatum* Schinz, Verh. Bot. Vereins Prov. Brandenburg 31: 205 (1890), Type: Namibia

### **LEONOTIS (PERS.) R.BR.**

- Leonotis capensis* (Benth.) J.C.Manning & Goldblatt, Strelitzia 29: 809 (2012), nom.illegit. = *Leonotis pentadentata* J.C.Manning & Goldblatt, Bothalia 43(2): 222 (2013)

### **LEUCAS BURM. EX R.BR.**

- Leucas glabrata* (Vahl) Sm. = *Leonotis glabrata* (Vahl) J.C.Manning & Goldblatt, Strelitzia 29: 809 (2012)



*Leucas glabrata* (Vahl) Sm. var. *glabrata* = *Leonotis glabrata* (Vahl) J.C.Manning & Goldblatt  
var. *glabrata*

### **PLECTRANTHUS L'HÉR.**

*Plectranthus cylindraceus* Hochst. ex Benth. = *Plectranthus montanus* Benth., Pl. Asiat. Rar.  
(Wallich) 2: 17 (1830), Type: India, Deccan Peninsula, Wight in Wall. Cat. 2747B (K-  
Herb.Benth., lecto.; K-W, isolecto.) Lectotype designated by Suddee & Paton, Kew  
Bulletin 59: 315-318 (2004).

### **ROTHECA RAF.**

*Rothea uncinata* (Schinz) P.P.J.Herman & Retief, Bothalia 32(1): 81 (2002) = *Kalaharia*  
*uncinata* (Schinz) Moldenke, Phytologia 5: 132 (1955), Type: South West Africa  
[Namibia], Goroxas, Schinz 1890 (?Z)

### **VITEX L.**

*Vitex rehmannii* Gürke forma *submentosa* Moldenke = *Vitex rehmannii* Gürke

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## **LENTIBULARIACEAE**

### **UTRICULARIA L.**

*Utricularia brachyceras* Schltr. = *Utricularia bisquamata* Schrank

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## **LINDERNIACEAE**

### **LINDERNIA ALL.**

*Lindernia bolusii* (Hiern) Eb.Fisch., Trop. Subtrop. Pflanzenwelt 81: 261 (1992) = *Linderniella*  
*bolusii* (Hiern) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)

*Lindernia debilis* Skan, Fl. Trop. Afr. [Oliver et al.] 4(2.2): 344 (1906) = *Crepidorhopalon debilis*  
(Skan) Eb.Fisch., Feddes Repert. 106(1-2): 8 (1995)

*Lindernia nana* (Engl.) Roessler, Mitt. Bot. Staatssamml. München 5: 691 (1965) = *Linderniella*  
*nana* (Engl.) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)

*Lindernia pulchella* (Skan) Philcox, Bol. Soc. Brot. sér. 2, 60: 268 (1987) = *Linderniella*  
*pulchella* (Skan) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 227 (2013)

*Lindernia wilmsii* (Engl. ex Diels) Philcox, Bol. Soc. Brot. sér. 2, 60: 268 (1987) = *Linderniella*  
*wilmsii* (Engl. ex Diels) Eb.Fisch., Schäferh. & Kai Müll., Willdenowia 43(2): 228 (2013)

### **TORENIA L.**

*Torenia spicata* Engl., Bot. Jahrb. Syst. 23(4): 502 (1897) = *Crepidorhopalon spicatus* (Engl.)  
Eb.Fisch., Feddes Repert. 100(9-10): 444 (1989)

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## **LOBELIACEAE**

### **WIMMERELLA SERRA, M.B.CRESPO & LAMMERS**

*Wimmerella giftbergensis* (E.Phillips) Serra, M.B.Crespo & Lammers = *Wimmerella bifida*  
(Thunb.) Serra, M.B.Crespo & Lammers

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## **MALVACEAE**

### **LAVATERA L.**

*Lavatera arborea* L. = *Malva arborea* (L.) Webb & Berthel., Hist. Nat. Iles Canaries  
(Phytogr.) I: 30 (1836)

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## MOLLUGINACEAE

### **HYPERTELIS E.MEY. EX FENZL**

- Hypertelis angrae-pequenae* Friedrich, Mitt. Bot. Staatssamml. München Heft 12: 62 (1955) = ***Kewa angrae-pequenae* (Friedrich) Christenh., Phytotaxa 181 (4): 241 (2014)**
- Hypertelis arenicola* Sond., Fl. Cap. (Harvey) 1: 145 (1860), in Harvey & Sonder (1860) = ***Kewa arenicola* (Sond.) Christenh., Phytotaxa 181 (4): 241 (2014)**
- Hypertelis bowkeriana* Sond., Fl. Cap. (Harvey) 1: 145 (1860), in Harvey & Sonder (1860) = ***Kewa bowkeriana* (Sond.) Christenh., Phytotaxa 181 (4): 241 (2014)**
- Hypertelis caespitosa* Friedrich, Mitt. Bot. Staatssamml. München Heft 12: 64 (1955) = ***Kewa caespitosa* (Friedrich) Christenh., Phytotaxa 181 (4): 241 (2014)**
- Hypertelis salsoloides* (Burch.) Adamson, J. S. African Bot. 24: 52 (1957) = ***Kewa salsoloides* (Burch.) Christenh., Phytotaxa 181 (4): 241 (2014)**
- Hypertelis trachysperma* Adamson, J. S. African Bot. 12: 35 (1946), in Adamson, Gerstner & Salter (1946: 35). = ***Kewa trachysperma* (Adamson) Christenh., Phytotaxa 181 (4): 241 (2014)**

### **MOLLUGO L.**

- Mollugo cerviana* (L.) Ser. ex DC., Prodr. [A. P. de Candolle] 1: 392 (1824) = ***Hypertelis cerviana* (L.) Thulin, Taxon 65(4): 787 (2016), Type: Russia, "Habitat in Sibiria", Ammann in Herb. Linn. 387.1 (LINN, lecto.) Lectotype designated by Adamson, J. S. Afr. Bot. 24: 14 (1957).**
- Mollugo cerviana* (L.) Ser. ex DC. var. *spathulifolia* Fenzl, Ann. Wiener Mus. Naturgesch. 1: 379 (1836); Type: India, Wight s.n. (K-W, isolecto.) Lectotype designated by Jeffrey (1961). = ***Hypertelis umbellata* (Forssk.) Thulin, Taxon 65(4): 787 (2016), Type: Yemen, "Lohajae", Jan. 1763, Forsskal s.n., Herb Forsskal 1567 (C10002759, lecto.; S no. 05-5455, isolecto.) Lectotype designated by Thulin et al., Taxon 65(4): 787 (2016).**
- Mollugo namaquensis* Bolus, Bot. Jahrb. Syst. 27(1-2): 121 (1899) = ***Pharnaceum namaquense* (Bolus ex Schltr.) Thulin, Taxon 65(4): 789 (2016), Type: South Africa, Namaland Minor, near Nababeep, Sep 1883, Bolus 6641 (BOL128278, lecto.; BOL128279, K000232024, NBG0200323-0, Z-000000215, isolecto.) Lectotype designated by Thulin et al., Taxon 65(4): 789 (2016).**
- Mollugo nudicaulis* Lam., Encycl. [J. Lamarck & al.] 4(1): 234 (1797); Type: Mauritius, Commerson s.n. (?P, not located) = ***Paramollugo nudicaulis* (Lam.) Thulin, Taxon 65(4): 786 (2016)**
- Mollugo pusilla* (Schltr.) Adamson, J. S. African Bot. 24: 17 (1957) = ***Pharnaceum pusillum* Schltr., Bot. Jahrb. Syst. 27(1-2): 123 (1899), Type: South Africa, Boontjes Rivier, 25 Aug 1896, Schlechter 8664 (BM000902705, lecto.; B 10 0159470, BR0000006861429, E00217681, PH00029562, S No. 05-4841, isolecto.) Lectotype designated by Adamson, Journal of South African Botany 24: 17 (1957).**
- Mollugo tenella* Bolus, Bot. Jahrb. Syst. 27(1-2): 122 (1899); Type: South Africa, "Namaland Minoris, in limosis prope Klipfontein", Aug 1883, Bolus in Herb. Norm. Austr.-Afr. 1159 (BOL128282, lecto.; B 10 0159477, BM000902704, GH00268178, K000232023, NBG0200322-0, SAM0036898-0, UPS, isolecto.) Lectotype designated by Adamson, Journal of South African Botany 24: 18 (1957). = ***Pharnaceum subtile* E.Mey., Ann. Wiener Mus. Naturgesch. 2: 259 (1839), Type: South Africa, Drège 6214 (W0009842, lecto.; W0009841, isolecto.) Lectotype designated by Thulin et al., Taxon 65(4): 790 (2016).**

### **PHARNACEUM L.**

- Pharnaceum microphyllum* L.f. var. *albens* Adamson, J. S. Afr. Bot. 24: 23 (1958) = ***Pharnaceum lanuginosum* J.C.Manning & Goldblatt, Strelitzia 9: 715 (2000)**

## **SUESSENGUTHIELLA FRIEDR.**

*Suessenguthiella caespitosa* Friedrich, Mitt. Bot. Staatssamml. München 3: 616 (1960); Type: Namibia, Aus, in crevices of granite rocks, 1400 m, 12 Jun 1922, Dinter 3622 (M-0107813, holo.); B10 0153203 & B10 0153204, Z-000000201, iso.) = *Suessenguthiella scleranthoides* (Sond.) Friedrich, Mitt. Bot. Staatssamml. München Heft 12: 60 (1955), Type: South Africa, Springbokkeel, Zeyher 617 (S no. 05-4805, lecto.; TCD0002800, isolecto.)  
Lectotype designated by Thulin et al., Taxon 65(4): 788 (2016).

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## **OLEACEAE**

### **OLEA L.**

*Olea capensis* L. subsp. *hochstetteri* (Baker) Friis & P.S.Green, Kew Bull. 41: 36 (1986) = *Olea capensis* L. subsp. *macrocarpa* (C.H.Wright) I.Verd., Bothalia 6: 590 (1956), Type: South Africa, Northern Province, Pilgrims Rest, Grenfell 869 (K, lecto.; PRE, isolecto.)  
Designated by Verdoorn, Bothalia 6: 590 (1956).

*Olea europaea* L. subsp. *africana* (Mill.) P.S.Green, Kew Bull. 34: 69 (1979) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942), Type: India, Kumoan, Wallich 2817 (K-W, holo.)

*Olea kilimandscharica* Knobl., Notizbl. Bot. Gart. Berlin-Dahlem 12: 299 (1934); Type: Tanzania, Schlieben 5065 (B, holo.†; BM, K, iso.) = *Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942), Type: India, Kumoan, Wallich 2817 (K-W, holo.)

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## **ONAGRACEAE**

### **GAURA L.**

*Gaura sinuata* Nutt. ex Ser. = *Oenothera sinuosa* W.L.Wagner & Hoch, Syst. Bot. Monogr. 83: 214 (2007)

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## **ORCHIDACEAE**

### **DISA P.J.BERGIUS**

*Disa satyrioides* (L.) Bytebier, Taxon 57(4): 1243 (2008), nom.inval. = *Disa biflora* (L.) Druce, Bot. Exch. Club Brit. Isles Rep. 3(5): 417 (1914)

### **EULOPHIA R.BR. EX LINDL.**

*Eulophia aculeata* (L.f.) Spreng., Syst. Veg. 3: 720 (1826) = *Orthochilus aculeatus* (L.f.) Bytebier, Taxon 63(1): 18 (2014), Type: South Africa. Cape of Good Hope [Caput Bona Spei], Thunberg 291 (LINN No.1055.2, holo.)  
*Eulophia clavicornis* Lindl. = *Eulophia hians* Spreng.

### **SOLEANGIS SCHLTR.**

*Solenangis aphylla* (Thouars) Summerh., Bot. Mus. Leaflet 11: 159 (1943) = *Microcoelia aphylla* (Thouars) Summerh., Bull. Misc. Inform. Kew 1936(3): 233 (1936), Type: Mauritius, Thouars (P, holo.)

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## **OROBANCHACEAE**

### **ALECTRA THUNB.**

*Alectra sessiliflora* (Vahl) Kuntze var. *monticola* (Engl.) Melch. = *Alectra sessiliflora* (Vahl) Kuntze

## **HYOBANCHE L.**

*Hyobanche calvescens* Gand., Bull. Soc. Bot. France 66: 220 (1919); Type: South Africa, Western Cape, Caledon, Leo's Kraal, 18 Oct 1894; Penther 1878 (W, holo.) = *Hyobanche rubra* N.E.Br., Bull. Misc. Inform. Kew 1901(175-177): 129 (1901), Type: South Africa, Western Cape, near Gauritz River Bridge, Mossel Bay District, 9/09/1897, Galpin 4392 (K, holo.; PRE, iso.)

*Hyobanche glabrata* Hiern, Fl. Cap. (Harvey) 4(2.3): 417 (1904); Types: South Africa, Western Cape, George Division between Zwarte Vallei and the western end of Lange Vallei, Burchell 5696 (BOL, syn.; PRE, isosyn.); South Africa, Northern Cape, Between Buffels Rivers and Silver fontein, Little Namaqualand, 1837, Drege s.n. (K, syn.); South Africa, Northern Cape, Kans Mountains, Little Namaqualand, Drege s.n. (K, syn.); South Africa, Eastern Cape, Queenstown Division, Barber s.n. (K, syn.) Type: South Africa, Northern Cape, between Buffels Rivers and Silver fontein, Little Namaqualand, 1837, Drege s.n. (K, lecto.) Lectotype designated by Wolfe, Phytotaxa 299(1): 134 (2017). = *Hyobanche rubra* N.E.Br., Bull. Misc. Inform. Kew 1901(175-177): 129 (1901), Type: South Africa, Western Cape, near Gauritz River Bridge, Mossel Bay District, 9/09/1897, Galpin 4392 (K, holo.; PRE, iso.)

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## **ORTHOTRICHACEAE**

### **MACROMITRIUM BRID.**

*Macromitrium levatum* Mitt., J. Proc. Linn. Soc., Bot. 7: 152 (1863) = *Macromitrium sulcatum* (Hook.) Brid., Bryol. Univ. 1: 319 (1826)

### **ORTHOTRICHUM HEDW.**

*Orthotrichum armatum* Lewinsky & Van Rooy, J. Bryol. 16: 69. f. 2–5 (1990) = *Lewinskya armata* (Lewinsky & Van Rooy) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 374 (2016)

*Orthotrichum firmum* Venturi, Nuovo Giorn. Bot. Ital. 4: 15 (1872) = *Lewinskya firma* (Venturi) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 375 (2016)

*Orthotrichum incurvomarginatum* Lewinsky & Van Rooy, J. Bryol. 16: 67. f. 1, 4 (1990) = *Lewinskya incurvomarginata* (Lewinsky & Van Rooy) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 376 (2016)

*Orthotrichum rupestre* Schleich. ex Sim, Sp. Musc. Frond., Suppl. 1 (2): 27–29, pl. 53 (1816) = *Lewinskya rupestris* (Schleich.) F.Lara, Garilleti & Goffinet, Cryptog. Bryol. 37(4): 377 (2016)

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## **OXALIDACEAE**

### **OXALIS L.**

*Oxalis fabifolia* Jacq., as 'fabaeifolia' = *Oxalis flava* L. var. *fabifolia* (Jacq.) Dreyer & Oberl.

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## **PASSIFLORACEAE**

### **PASSIFLORA L.**

*Passiflora mollissima* (Kunth) L.H.Bailey = *Passiflora tripartita* Breiter var. *mollissima* (Kunth) Holm-Niels. & P.Jørg., Fl. Ecuador 31(126): 80 (1988)

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## **PILOTRICHACEAE**

### **HOOKERIOPSIS (BESCH.) A.JAEGER**

*Hookeriopsis utacamundiana* (Mont.) Broth., Nat. Pflanzenfam. I(3): 942 (1907) = *Thamniopsis utacamundiana* (Mont.) W.R.Buck, Brittonia 39: 219 (1987)

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## POACEAE

### **ARISTIDA L.**

*Aristida curvata* (Nees) T.Durand & Schinz var. *nana* Henrard = *Aristida adscensionis* L.

### **ARTHATHERUM P.BEAUV.**

*Arthratherum subacaule* Nees = *Stipagrostis subacaulis* (Nees) De Winter

### **BRACHYPODIUM P.BEAUV.**

*Brachypodium fontanesianum* Nees, Status doubtful = *Brachypodium flexum* Nees

### **BROMUS L.**

*Bromus speciosus* Nees var. *firmior* Nees = *Bromus firmior* (Nees) Stapf

### **DESMAZERIA DUMORT.**

*Desmazeria composita* Hack. = *Tribolium obtusifolium* (Nees) Renvoize

### **DIGITARIA HALLER**

*Digitaria glauca* Stent var. *bechuanica* Stent = *Digitaria eriantha* Steud.

*Digitaria hiascens* Mez = *Digitaria eriantha* Steud.

### **EHRHARTA THUNB.**

*Ehrharta brachylemma* Pilg., Status doubtful = *Ehrharta brevifolia* Schrad. var. *brevifolia*

### **ELYMUS L.**

*Elymus repens* (L.) Gould = *Elytrigia repens* (L.) Nevski

### **ERAGROSTIS WOLF**

*Eragrostis capillifolia* Nees = *Eragrostis curvula* (Schrad.) Nees

*Eragrostis elatior* Stapf var. *burchellii* Stapf = *Eragrostis elatior* Stapf

*Eragrostis glabrata* Nees = *Eragrostis sabulosa* (Steud.) Schweick.

*Eragrostis pseudoteff* Peter, Status doubtful = *Eragrostis lehmanniana* Nees var. *lehmanniana*

### **LASIOCHLOA KUNTH**

*Lasiochloa alopecuroides* Hack. = *Stiburus alopecuroides* (Hack.) Stapf

### **PETRINA J.B.PHIPPS**

*Petrina parva* J.B.Phipps = *Danthoniopsis parva* (J.B.Phipps) Clayton

### **SCHMIDTIA STEUD. EX J.A.SCHMIDT**

*Schmidtia glabra* Pilg. = *Schmidtia pappophoroides* Steud.

### **SETARIA P.BEAUV.**

*Setaria chevalieri* Stapf subsp. *racemosa* de Wit = *Setaria megaphylla* (Steud.) T.Durand & Schinz

*Setaria nigrirostris* (Nees) T.Durand & Schinz var. *pallida* de Wit = *Setaria incrassata* (Hochst.) Hack.

### **VULPIA C.C.GMEL.**

*Vulpia megastachya* Nees = *Festuca vulpioides* Steud.

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## PODOCARPACEAE

### **PODOCARPUS L'HÉR. EX PERS.**

*Podocarpus falcatus* (Thunb.) R.Br. ex Mirb. = *Afrocarpus falcatus* (Thunb.) C.N.Page

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## POLYGONACEAE

### **PERSICARIA MILL.**

*Persicaria attenuata* (R.Br.) Soják subsp. *africana* K.L.Wilson, Kew Bull. 45(4): 629 (1990) = *Persicaria madagascariensis* (Meisn.) S.Ortiz & Paiva, Bot. J. Linn. Soc. 131(2): 172 (1999), Type: Madagascar, Commerson (P-LA, holo.)

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## POTAMOGETONACEAE

### **POTAMOGETON L.**

*Potamogeton subjavanicus* Hagstr. = *Potamogeton pusillus* L.

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## PROTEACEAE

### **LEUCOSPERMUM R.BR.**

*Leucospermum obtusatum* (Thunb.) E.Phillips, Fl. Cap. (Harvey) 5(1.3): 637 (1912) = *Vexatorella obtusata* (Thunb.) Rourke

### **PROTEA L.**

*Protea stipitata* E.Phillips, Bull. Misc. Inform. Kew 1934(3): 104 (1934) = *Protea caffra* Meisn. subsp. *caffra*

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## PTERIDACEAE

### **CHEILANTHES SW.**

*Cheilanthes inaequalis* (Kunze) Mett. var. *buchananii* (Baker) Schelpe, Bol. Soc. Brot., ser.2, 41: 211 (1967) = *Cheilanthes buchananii* (Baker) Domin, Bibl. Bot. 85: 133 nota (1913)

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## RANUNCULACEAE

### **CLEMATIS L.**

*Clematis stewartiae* Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 111 (1926); Type: Swaziland, without precise locality, Stewart 100 (K, holo.) = *Clematis brachiata* Thunb., Prodr. Pl. Cap. 2: 94 (1800), Type: South Africa, without precise locality, UPS no. 13000 (UPS, holo.)

### **KNOWLTONIA SALISB.**

*Knowltonia anemonoides* H.Rasm., Opera Botanica 53: 18 (1979) = *Anemone anemonoides* (H.Rasm.) J.C.Manning & Goldblatt subsp. *anemonoides*, Bothalia 39: 218 (2009), Type: South Africa, [Western Cape], Jonkershoek, 7 November 1943, Compton 15342 (NBG, holo.; K, PRE. iso.).

*Knowltonia capensis* (L.) Huth, Samml. Naturwiss. Vorträge 3: 69 (1890), non *Anemone capensis* Lam. (1783) = *Anemone knowltonia* Burt Davy, Bothalia 39: 218 (2009), Type: South Africa, without precise locality or date. LINN714.6 (LINN, lecto.). Lectotype designated by Rasmussen, Opera Botanica 53: 16 (1979).

*Knowltonia filia* (L.f.) T.Durand & Schinz, Consp. Fl. Afr. [T.A. Durand & H. Schinz] 1(2): 12 (1898) = *Anemone filia* (L.f.) J.C.Manning & Goldblatt subsp. *filia*, Bothalia 39(2): 218 (2009), Type: South Africa, without precise locality or date. LINN714.9 (LINN, lecto.). Designated by Rasmussen, Opera Botanica 53: 23 (1979).

*Knowltonia transvaalensis* Szyszyl., Polypet. Thalam. Rehm. 7: 99 (1887) = *Anemone transvaalensis* (Szyszyl.) Burt Davy var. *transvaalensis*, *Bothalia* 39: 218 (2009), Type: South Africa, [Limpopo], Houtboschberg. 1875, Rehm. 6402 (Z, holo.; K, iso.).  
*Knowltonia vesicatoria* (L.f.) Sims, Bot. Mag. 20: t. 775 (1804) = *Anemone vesicatoria* (L.f.) Prantl subsp. *vesicatoria*, *Bothalia* 39: 218 (2009), Type: South Africa, without precise locality or date, LINN7J4.8 (LINN, lecto.). Designated by Rasmussen, *Opera Botanica* 53: 27(1979).

## **RANUNCULUS L.**

*Ranunculus capensis* Thunb., Prodr. Pl. Cap. 2: 94 (1800); Type: South Africa, precise without locality, Thunberg UPS-THUNB 13126 (UPS-THUNB, holo.) = *Ranunculus multifidus* Forssk., Fl. Aegypt.-Arab.: 102 (1775), Type: Arabia, near Taäs, Forsskål s.n. (C, holo.)  
*Ranunculus meyeri* Harv., Fl. Cap. (Harvey) 1: 7 (1860), hom. illegit., non Lowe (1857) = *Ranunculus dregei* J.C.Manning & Goldblatt, *Bothalia* 43(2): 190 (2013), nom. nov. pro *Ranunculus meyeri* Harv. (1860), hom. illegit., non Lowe (1857), nom. illegit. superfl. pro *R. grandifolius* E.Mey. (1830), Type: South Africa, [Eastern Cape], 'Katberg', Nov. 1832, Drège s.n. (K000076101, lecto.; BM, K, P, PRE, TCD, isolecto.) Lectotype designated by Manning & Goldblatt, *Bothalia* 43(2): 190 (2013).

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## **RESTIONACEAE**

### **ELEGIA L.**

*Elegia dregeana* Kunth = *Elegia asperiflora* (Nees) Kunth

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## **RUBIACEAE**

### **KOHAUTIA CHAM. & SCHLTDL.**

*Kohautia virgata* (Willd.) Bremek., Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Sect. 2. 48(2): 77 (1952) = *Cordylostigma virgata* (Willd.) Groeninckx & Dessen, *Taxon* 59(5): 1466 (2010), Type: Ghana, s.l., probably Thonning s.n. (B†, holo.; S, isoneo.) Isoneotype designated by Bremekamp, Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Sect. 2, 48: (1952).

### **LAGYNIAS E.MEY. EX ROBYNS**

*Lagynias dryadum* (S.Moore) Robyns, Bull. Jard. Bot. État Bruxelles 11: 315 (1928) = *Vangueria dryadum* S.Moore, J. Linn. Soc., Bot. 40: 93 (1911)  
*Lagynias lasiantha* (Sond.) Bullock, Bull. Misc. Inform. Kew 1931(5): 274 (1931) = *Vangueria lasiantha* (Sond.) Sond., Fl. Cap. (Harvey) 3: 14 (1865)  
*Lagynias monteiroi* (Oliv.) Bridson, Kew Bull. 51(2): 351 (1996) = *Vangueria monteiroi* (Oliv.) Lantz, Pl. Syst. Evol. 253(1-4): 180 (2005)

### **TRICALYSIA A.RICH. EX DC.**

*Tricalysia africana* (Sim) Robbr., S. African J. Bot. 51(5): 331 (1985) = *Empogona africana* (Sim) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 207 (2009), Type: South Africa. E Pondoland, Egossa Forest, Aug. 1899, T.R. Sim 2386 (NU, holo.)  
*Tricalysia allenii* (Stapf) Brenan, Kew Bull. 2(1): 60 (1947) = *Empogona kirkii* Hook.f. subsp. *kirkii*  
*Tricalysia allenii* (Stapf) Brenan var. *australis* (Schweick.) Brenan, Kew Bull. 1947: 62 (1947) = *Empogona kirkii* Hook.f. subsp. *junodii* (Schinz) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009), Type: Mozambique. Baia de Laurenc, o Marques (Delagoa Bay), s.d., H. Junod 311 (Z, holo.)

- Tricalysia allenii* (Stapf) Brenan var. *kirkii* (Hook.f.) Brenan, Kew Bull. 1947: 61 (1947) = ***Empogona kirkii* Hook.f. subsp. *kirkii***
- Tricalysia cacondensis* Hiern, Cat. Afr. Pl. (Hiern) 1(2): 467 (1898); Type: Welwitsch 3112 (LISU, lecto.) = ***Empogona cacondensis* (Hiern) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 207 (2009), Type: Angola. Rd. from Quipaca to fortress near Feraõ, Oct. 1859, F. Welwitsch 3112 (LISU, lecto.; BM, COI, K, isolecto.) Lectotype designated by Robbrecht, Bull. Jard. Bot. Natl. Belg. 49: 320 (1979).**
- Tricalysia galpinii* Schinz, Bull. Herb. Boissier 3: 416 (1895) = ***Tricalysia capensis* (Meisn. ex Hochst.) Sim var. *galpinii* (Schinz) Robbr., Bull. Jard. Bot. Natl. Belg. 57(1-2): 187 (1987)**
- Tricalysia junodii* (Schinz) Brenan, Kew Bull. 2(1): 60 (1947) = ***Empogona kirkii* Hook.f. subsp. *junodii* (Schinz) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009), Type: Mozambique. Baia de Laurenc, o Marques (Delagoa Bay), s.d., H. Junod 311 (Z, holo.)**
- Tricalysia junodii* (Schinz) Brenan var. *kirkii* (Hook.f.) Robbr., Bull. Jard. Bot. Natl. Belg. 49(3-4): 271 (1979); Type: Cape Maclear, Oct. 1861, Kirk s.n. (K, holo.) = ***Empogona kirkii* Hook.f. subsp. *kirkii***
- Tricalysia lanceolata* (Sond.) Burt Davy, Ann. Transvaal Mus. 3: 122 (1912); Type: Gueinzus 68 (W, lecto.; P, S, isolecto.); Gueinzus 556 (S, W, syn.) = ***Empogona lanceolata* (Sond.) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009), Type: South Africa. KwaZulu-Natal, Durban, W. Gueinzus 68 (W, lecto.; P, S, isolecto.) Lectotype designated by Robbrecht, Bull. Jard. Bot. Natl. Belg. 49: 313 (1979).**
- Tricalysia maputensis* Bridson & A.E.van Wyk, Fl. Zambes. 5(3): 475 (2003) = ***Empogona maputensis* (Bridson & A.E.van Wyk) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 208 (2009), Type: Mozambique. Matutuine, 8 Aug. 1957, L.A.G. Barbosa & F.L. de Lemos 7807 (LISC, holo.)**
- Tricalysia sonderiana* Hiern, Fl. Trop. Afr. [Oliver et al.] 3: 119 (1877), nom.nov. pro *Kraussia coriacea* Sond., non *Randia coriacea* Benth. (1849); Type: Gueinzus 100 (W, holo.) = ***Empogona coriacea* (Sond.) Tosh & Robbr., Ann. Missouri Bot. Gard. 96(1): 207 (2009), Type: South Africa. KwaZulu-Natal, Durban, s.d., W. Gueinzus 100 (W, holo.; BM, C, K, PRE, S, iso.)**

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## RUTACEAE

### ORICIA PIERRE

- Oricia bachmannii* (Engl.) I.Verd., Bull. Misc. Inform. Kew 1926(9): 414 (1926) = ***Vepris bachmannii* (Engl.) Mziray, Symb. Bot. Upsal. 30(1): 70 (1992), Type: South Africa, Pondoland, Umzani, Jussuberg, Bachmann 835.**

### TECLEA DELILE

- Teclea gerrardii* I.Verd., Bull. Misc. Inform. Kew 1926(9): 406 (1926) = ***Vepris trichocarpa* (Engl.) Mziray, Symb. Bot. Upsal. 30(1): 76 (1992), Type: Tanzania, Bagamoyo District, Ruvu [Kigani], Stuhlmann 6427 (B, syn.) & 6626 (B, isosyn.; BM, sketch)**
- Teclea natalensis* (Sond.) Engl., Pflanzenw. Ost-Afrikas C: 433 (1895) = ***Vepris natalensis* (Sond.) Mziray, Symb. Bot. Upsal. 30(1): 74 (1992), Type: South Africa, Port Natal, Gueinzus 67 & 650; Frontier of Albany, Mrs F.W. Barker s.n. (Herb. Sond., T.C.D., ?syn.)**
- Teclea pilosa* (Engl.) I.Verd., Bull. Misc. Inform. Kew 1926(9): 407 (1926), misapplied name = ***Vepris carringtoniana* Mendonça, Mem. Junta Invest. Ultramar, 2 Ser. 28: 83 (1961)**

### TODDALIOPSIS ENGL.

- Toddaliopsis bremekampii* I.Verd., Bull. Misc. Inform. Kew 1935(4): 204 (1935) = ***Vepris bremekampii* (I.Verd.) Mziray, Symb. Bot. Upsal. 30(1): 71 (1992), Type: South Africa, Limpopo, Zoutpansberg District, Obermeyer, Schweickerdt & Verdoorn 66 (UPS, iso.)**



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## SALICACEAE

### **DOVYALIS E.MEY. EX ARN.**

*Dovyalis revoluta* J.E.Thom = *Dovyalis zeyheri* (Sond.) Warb.

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## SALVINIACEAE

### **AZOLLA LAM.**

*Azolla microphylla* Kaulf. = *Azolla cristata* Kaulf., Enum. Filic.: 274 (1824)

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## SANTALACEAE

### **THESIUM L.**

*Thesium abietinum* Schltr., J. Bot. 35: 282 (1897) = *Thesium imbricatum* Thunb., Diss. Thes.: 6

*Thesium corymbuligerum* Sond. = *Thesium virgatum* Lam.

*Thesium dumale* N.E.Br., Fl. Pl. Ferns Transvaal part 2: 461 (1932) = *Thesium resedoides*  
A.W.Hill, Bull. Misc. Inform., Kew 1910: 187 (1910)

*Thesium lineatum* L.f., Suppl. Pl.: 162 (1782) = *Lacomucinaea lineata* (L.f.) Nickrent &  
M.A.Garcia, Phytotaxa 224(2): 180 (2015), Type: South Africa. "Habitat in Cap. Bonae  
spei.", C.P. Thunberg s.n. (UPS-THUNB 6035, holo.)

*Thesium rogersii* A.W.Hill, Bull. Misc. Inform., Kew 1913: 78 (1913); Type: Zimbabwe, Victoria  
Falls, Kandahar Island, 11/10/1911, Rogers 5467 (K, holo.; BM, iso.) = *Thesium goetzeanum*  
Engl., Bot. Jahrb. Syst. 30: 306 (1901)

*Thesium viscibaccatum* Dinter, Gard. Chron. Ser. 3, 80: 452 (1926); Type: Namibia. Klinghardt  
Gebirge, 26 September 1922, M.K. Dinter 4006 (PRE, holo.) = *Lacomucinaea lineata* (L.f.)  
Nickrent & M.A.Garcia, Phytotaxa 224(2): 180 (2015), Type: South Africa. "Habitat in  
Cap. Bonae spei.", C.P. Thunberg s.n. (UPS-THUNB 6035, holo.)

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## SCROPHULARIACEAE

### **APTOSIMUM BURCH. EX BENTH.**

*Aptosimum junceum* (Hiern) Philcox = *Peliostomum junceum* (Hiern) Kolberg & Van Slageren,  
Kew Bull. 71(2)-16: 42 (2016)

*Aptosimum lugardiae* (N.E.Br. ex Hemsl. & Skan) E.Phillips = *Peliostomum leucorrhizum*  
E.Mey. ex Benth., Edwards's Bot. Reg. 22: sub t. 1882 (1836)

### **MANULEA L.**

*Manulea benthamiana* Hiern = *Manulea corymbosa* L.f.

### **PHYLLOPODIUM BENTH.**

*Phyllopodium capitatum* (L.f.) Benth. = *Phyllopodium heterophyllum* (L.f.) Benth.

### **REYEMIA HILLIARD**

*Reyemia chasmanthiflora* Hilliard, Edinburgh J. Bot. 49(3): 297 (1993) = *Zaluzianskya*  
*chasmanthiflora* (Hilliard) J.C.Manning & Goldblatt, Bothalia 44: 8 (2014), Type: South  
Africa, Northern Cape, Williston, Farm Annexe Kransfontein 721, 02 Sept. 1986, Cloete  
& Haselau 172 (NBG [as STE], holo.)

*Reyemia nemesioides* (Diels) Hilliard, Edinburgh J. Bot. 49(3): 297 (1993) = *Zaluzianskya*  
*nemesioides* Diels, Bot. Jahrb. Syst. 23(4): 482 (1897), Type: South Africa, Northern Cape,  
Hantam Mountains, Meyer s.n. (B†, holo.). Neotype: South Africa, Northern Cape,  
Calvinia, gravel flats below Hantamsberg, 15 Sept. 1996, Goldblatt & Manning 10525  
(NBG, neo.; MO, iso.). Neotype selected by Manning & Goldblatt, Bothalia 44(1): 8.

## **SELAGO L.**

*Selago dregei* Rolfe = *Selago luxurians* Choisy

*Selago fruticulosa* Rolfe = *Selago fruticosa* L.

*Selago tephrodes* E.Mey. = *Globulariopsis tephrodes* (E.Mey.) Hilliard

## **SUTERA ROTH**

*Sutera argentea* (L.f.) Hiern, p.p., excl. many of the specimens cited in Fl.Cap. 4(2): 301 (1904) = ***Jamesbrittenia argentea* (L.f.) Hilliard**

*Sutera caerulea* (L.f.) Hiern = ***Chaenostoma caeruleum* (L.f.) Kornhall, Bot. J. Linn. Soc. 147: 386 (2005)**

*Sutera canescens* (Benth.) Hiern = ***Jamesbrittenia canescens* (Benth.) Hilliard var. *canescens***

*Sutera crassicaulis* (Benth.) Hiern = ***Jamesbrittenia crassicaulis* (Benth.) Hilliard**

*Sutera kraussiana* (Bernh.) Hiern = ***Jamesbrittenia kraussiana* (Bernh.) Hilliard**

*Sutera microphylla* (L.f.) Hiern = ***Jamesbrittenia microphylla* (L.f.) Hilliard**

*Sutera phlogiflora* (Benth.) Hiern = ***Jamesbrittenia phlogiflora* (Benth.) Hilliard**

*Sutera roseoflava* Hiern = ***Chaenostoma roseoflavum* (Hiern) Kornhall, Bot. J. Linn. Soc. 147: 386 (2005)**

## **WALAFRIDA E.MEY.**

*Walafrida densiflora* (Rolfe) Rolfe = ***Selago densiflora* Rolfe**

*Walafrida micrantha* (Choisy) Rolfe = ***Selago paniculata* Thunb.**

*Walafrida nachtigalii* (Rolfe) Rolfe = ***Selago nachtigalii* Rolfe**

*Walafrida paniculata* (Thunb.) Rolfe = ***Selago paniculata* Thunb.**

*Walafrida polystachya* Rolfe, p.p., as to syntype (Rehmann, Liebenbergsvlei), excl. lectotype = ***Selago densiflora* Rolfe**

*Walafrida witbergensis* (E.Mey.) Rolfe = ***Selago witbergensis* E.Mey.**

*Walafrida zeyheri* (Choisy) Rolfe = ***Selago zeyheri* Choisy**

## **ZALUZIANSKYA F.W.SCHMIDT**

*Zaluzianskya africana* Hiern = ***Zaluzianskya pumila* (Benth.) Walp.**

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## **SOLANACEAE**

### **CYPHOMANDRA MART.**

*Cyphomandra betacea* (Cav.) Sendtn., Flora 28: 172 (1845) = ***Solanum betaceum* Cav., Anales Hist. Nat. 1: 44 (1799), Type: plant from unknown origin cultivated in 'Hortus Botanicus Matritensis', Madrid, Spain.**

### **NIEREMBERGIA RUÍZ & PAV.**

*Nierembergia linariifolia* Graham var. *glabriuscula* (Dunal) Cocucci & Hunz., Darwiniana 33: 38 (1995) = ***Nierembergia hippomanica* Miers var. *violacea* Millán, Darwiniana 5: 520 (1941)**

### **SOLANUM L.**

*Solanum seaforthianum* Andrews var. *disjunctum* O.E.Schulz, Symb. Antill. (Urban). 6(1): 169 (1909); Type: Andr. in Bot. Repos. 8: t. 504 (1808). Proposed by Symon, J. Adel. Bot. Gard. 4: 67 (1981). Based on a plant grown in England from the West Indies. = ***Solanum seaforthianum* Andrews, Bot. Repos. 8: t. 504 (1808), Type: Andr. in Bot. Repos. 8: t. 504 (1808). Proposed by Symon, J. Adel. Bot. Gard. 4: 67 (1981) as iconolectotype. Based on specimen sent by Lord Seaforth from the West Indies.**

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## TECOPHILAEACEAE

### CYANELLA L.

*Cyanella pentheri* Zahlbr. = *Cyanella hyacinthoides* Royen ex L.

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## THYMELAEACEAE

### GNIDIA L.

- Gnidia albosericea* Moss ex B.Peterson, Bothalia 14(1): 81 (1982) = *Lasiosiphon ornatus* Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 45, 206 (1926)
- Gnidia anthylloides* (L.f.) Gilg, Bot. Jahrb. Syst. 19(2-3): 265 (1894) = *Lasiosiphon anthylloides* (L.f.) Meisn., Prodr. [A. P. de Candolle] 14(2): 595 (1857)
- Gnidia burchellii* (Meisn.) Gilg, Nat. Pflanzenfam. [Engler & Prantl] 3, 6a: 229 (1894) = *Lasiosiphon burchellii* Meisn., Prodr. [A. P. de Candolle] 14(2): 594 (1857)
- Gnidia caffra* (Meisn.) Gilg, Prodr. [A. P. de Candolle] 14(2): 592 (1857) = *Lasiosiphon caffra* Meisn., Prodr. [A. P. de Candolle] 14(2): 598 (1857), 'caffra'
- Gnidia calocephala* (Meisn.) Gilg, Bot. Jahrb. Syst. 19(2-3): 265 (1894) = *Lasiosiphon calocephalus* (Meisn.) Domke, Biblioth. Bot. 111: 95 (1934)
- Gnidia canoargentea* (C.H.Wright) Gilg, Veg. Erde 9/3(2): 634 (1921) = *Lasiosiphon canoargenteus* C.H.Wright, Bull. Misc. Inform. Kew 1916(5): 139 (1916)
- Gnidia cuneata* Meisn., Linnaea 14: 427 (1841) = *Lasiosiphon meisnerianus* Endl., Gen. Pl. [Endlicher] Suppl. 4, II: 67 (1848)
- Gnidia deserticola* Gilg, Bot. Jahrb. Syst. 19(2-3): 263 (1894) = *Lasiosiphon deserticola* (Gilg) C.H.Wright, Fl. Cap. (Harvey) 5(2.1): 71 (1915)
- Gnidia dregeana* Meisn., Linnaea 14: 426 (1841) = *Lasiosiphon dregeanus* (Meisn.) Endl., Gen. Pl. [Endlicher] Suppl. 4, II: 67 (1848), insufficiently known taxon
- Gnidia macropetala* Meisn., London J. Bot. 2: 553 (1843) = *Lasiosiphon macropetalus* (Meisn.) Meisn., Prodr. [A. P. de Candolle] 14(2): 594 (1857)
- Gnidia microcephala* Meisn., Prodr. [A. P. de Candolle] 14(2): 589 (1857) = *Lasiosiphon microcephalus* (Meisn.) J.C.Manning & Magee, Kew Bull. 72(1)-12: 5 (2017), Type: South Africa, Gauteng, 'monte Magalisberg', Zeyher 1492 (G, 2 sheets, syn.; GRA, P, S, SAM, isosyn.)
- Gnidia microphylla* Meisn., Linnaea 14: 432 (1841) = *Lasiosiphon microphyllus* (Meisn.) Meisn., Prodr. [A. P. de Candolle] 14(2): 593 (1857)
- Gnidia polyantha* Gilg, Bot. Jahrb. Syst. 19(2-3): 265 (1894) = *Lasiosiphon polyanthus* (Gilg) C.H.Wright, Fl. Cap. 5(2): 74 (1925)
- Gnidia polycephala* (C.A.Mey.) Gilg, Bot. Jahrb. Syst. 19(1): 138 et 264 (1894) = *Lasiosiphon polycephalus* (E.Mey. ex Meisn.) H.Pearson, Fl. Trop. Afr. [Oliver et al.] 6(1.2): 228 (1910)
- Gnidia pulchella* Meisn., Linnaea 14: 425 (1841) = *Lasiosiphon pulchellus* (Meisn.) Decne., Voy. Inde [Jacquemont] 4(Bot.): 149 (1844)
- Gnidia robusta* B.Peterson, Bothalia 14(1): 82 (1982) = *Lasiosiphon nanus* Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 45, 206, 207 (1926)
- Gnidia rubescens* B.Peterson, Bot. Not. 119: 345 (1966) = *Lasiosiphon rubescens* (B.Peterson) J.C.Manning & Magee, Kew Bull. 72(1)-12: 5 (2017), Type: South Africa, Limpopo, 'Soutpansberg, 3 miles E of P.O. Wyliespoort, 26 Jan. 1954, Codd 8377 (LD, holo.; PRE, iso.)
- Gnidia splendens* Meisn., Linnaea 14: 428 (1841) = *Lasiosiphon splendens* (Meisn.) Endl., Gen. Pl. [Endlicher] Suppl. 4, II: 67 (1848)
- Gnidia suavissima* Dinter, Repert. Spec. Nov. Regni Veg. 16: 340 (1920) = *Lasiosiphon suavissimus* (Dinter) Domke, Biblioth. Bot. 111: 91 (1934), South Africa (Northern Cape), Namibia
- Gnidia subcordata* Meisn. = *Englerodaphne subcordata* (Meisn.) Engl.

*Gnidia wilmsii* (C.H.Wright) Engl., Veg. Erde [Engler] 9(3, 2): 634 (1921) = *Lasiosiphon wilmsii*  
C.H.Wright, Bull. Misc. Inform. Kew 1916(5): 139 (1916)

### **LASIOSIPHON FRESEN.**

*Lasiosiphon kraussianus* (Meisn.) Burt Davy, Man. Pl. Transvaal 1: 207 (1926), nom.inval. =  
*Lasiosiphon kraussianus* (Meisn.) Meisn., Prodr. [A. P. de Candolle] 14(2): 596 (1857),  
'kraussii', sphalm.

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## **VELLOZIACEAE**

### **TALBOTIA BALF.**

*Talbotia elegans* Balf., Trans. Bot. Soc. Edinb. 9: 192 (1868) = *Xerophyta elegans* (Balf.) Baker,  
J. Bot. 13: 234 (1875), Type: South Africa, KwaZulu-Natal, Fox Talbot s.n. (K, holo.)

### **XEROPHYTA JUSS.**

*Xerophyta equisetoides* Baker var. *pauciramosa* L.B.Sm. & Ayensu, Kew Bull. 29(1): 194 (1974)  
= *Xerophyta pauciramosa* (L.B.Sm. & Ayensu) Behnke, Bot. J. Linn. Soc. 172(1): 67  
(2013), Type: Mwinilungu District, near Zambezi River, 4 ml north of Kalene Hill  
Mission, in cracks of extensive bare granite outcrop, 25.4.1952, F. White 3369 (BM, holo.;  
BR, K, iso.).

*Xerophyta equisetoides* Baker var. *pubescens* L.B.Sm. & Ayensu, Kew Bull. 29(1): 194 (1974);  
Type: Mazoe District, near Tsatsi River, about 14 ml north of Concession, Leach 11283 (K,  
holo.; B, P, iso.) = *Xerophyta wentzeliana* (Harms) Sölch var. *wentzeliana*, Mitt. Bot.  
Staatssamml. München 4: 74 (1961), Non *Xerophyta wentzeliana* (Harms) sensu Sölch &  
Roessler in Merxmüller, Prodr. Fl. Südwestaf., fam. 152: 2 (1969), Type: Tanzania,  
Mbeya District, Sante on Yamba River, Goetze 1409 (B, holo.; BM, iso.).

*Xerophyta equisetoides* Baker var. *setosa* L.B.Sm. & Ayensu, Kew Bull. 29(1): 194 (1974); Type:  
Zimbabwe, Eastern Province, Umtali District, Commonage, Chase 1866 (K, holo.; BM iso.) =  
*Xerophyta equisetoides* Baker, J. Bot. 13: 233 (1875), Type: Malawi, Zomba and East end  
of Lake Chilwa, Meller s.n. (K, holo.).

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## **VERBENACEAE**

### **BOUCHEA CHAM.**

*Bouchea glandulifera* H.Pearson = *Chascanum garipense* E.Mey.

*Bouchea wilmsii* Gürke = *Chascanum hederaceum* (Sond.) Moldenke var. *natalense*  
(H.Pearson) Moldenke

### **PRIVA ADANS.**

*Priva cordifolia* (L.f.) Druce var. *abyssinica* (Jaub. & Spach) Moldenke, Repert. Spec. Nov. Regni  
Veg. 41: 45 (1936) = *Priva adhaerens* (Forssk.) Chiov., Boll. Soc. Bot. Ital. 1923: 115  
(1923), Type: Yemen, Hadie, Forsskal (C, syn.)

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## **ZYGOPHYLLACEAE**

### **ZYGOPHYLLUM L.**

*Zygophyllum botulifolium* van Zyl, Bothalia 27(2): 131 (1997) = *Roepera botulifolia* (Van Zyl)  
Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)

*Zygophyllum chrysopteron* Retief, Bothalia 21(1): 55 (1991) = *Tetraena chrysopteron* (Retief)  
Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)

*Zygophyllum clavatum* Schltr. & Diels, Westaf. Kautschuk-Exped.: 705 (1907) = *Tetraena*  
*clavata* (Schltr. & Diels) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)

- Zygophyllum cordifolium* L.f., Suppl. Pl.: 232 (1782) = ***Roepera cordifolia* (L.f.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)**
- Zygophyllum cuneifolium* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 97 (1834-1835) = ***Roepera cuneifolia* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)**
- Zygophyllum debile* Cham. & Schldtl., Linnaea 5: 45 (1830) = ***Roepera debilis* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)**
- Zygophyllum divaricatum* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 97 (1834-1835) = ***Roepera divaricata* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 30 (2003)**
- Zygophyllum flexuosum* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 97 (1834-1835) = ***Roepera flexuosa* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum foetidum* Schrad. & J.C.Wendl., Sert. Hanov. 2: 17, t.9 (1796) = ***Roepera foetida* (Schrad. & J.C.Wendl.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum fulvum* L., Sp. Pl. 1: 386 (1753) = ***Roepera fulva* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum fuscatum* van Zyl, Bothalia 27(2): 129 (1997) = ***Roepera fuscata* (Van Zyl) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum incrustatum* E.Mey. ex Sond., Fl. Cap. (Harvey) 1: 362 (1860) = ***Roepera incrustata* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum leptopetalum* E.Mey. ex Sond., Fl. Cap. (Harvey) 1: 363 (1860) = ***Roepera leptopetala* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum leucocladum* Diels, Westafr. Kautschuk-Exped.: 705 (1907) = ***Roepera leucoclada* (Diels) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum lichtensteinianum* Cham. & Schldtl., Linnaea 5: 47 (1830) = ***Roepera lichtensteiniana* (Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum longicapsulare* Schinz, Verh. Bot. Vereins Prov. Brandenburg 29: 55 (1888) = ***Tetraena longicapsularis* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 35 (2003)**
- Zygophyllum longistipulatum* Schinz, Verh. Bot. Vereins Prov. Brandenburg 29: 56 (1888) = ***Tetraena longistipula* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum macrocarpon* Retief, Bothalia 17(2): 189 (1987) = ***Roepera macrocarpon* (Retief) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum maculatum* Aiton, Hort. Kew. 2: 60 (1789) = ***Roepera maculata* (Aiton) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum maritimum* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 96 (1834-1835) = ***Roepera maritima* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 31 (2003)**
- Zygophyllum microcarpum* Licht. ex Cham. & Schldtl., Linnaea 5: 46 (1830) = ***Tetraena microcarpa* (Licht. ex Cham.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum microphyllum* L.f., Enum. Pl. Afric. Austral. 1: 98 (1834-1835) = ***Roepera microphyllum* (L.f.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum morgsana* L., Sp. Pl. 1: 385 (1753) = ***Roepera morgsana* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum prismatocarpum* E.Mey. ex Sond., Fl. Cap. (Harvey) 1: 357 (1860) = ***Tetraena prismatocarpa* (Sond.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum pterocaulis* van Zyl, Bothalia 29(2): 231 (1999) = ***Tetraena pterocaulis* (Van Zyl) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum pubescens* Schinz, Bull. Herb. Boissier Ser. II. 8: 631 (1908) = ***Roepera pubescens* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum pygmaeum* Eckl. & Zeyh., Enum. Pl. Afric. Austral. 1: 97 (1834-1835) = ***Roepera pygmaea* (Eckl. & Zeyh.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum retrofractum* Thunb., Prodr. Pl. Cap. 1: 80 (1794) = ***Tetraena retrofracta* (Thunb.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum rigidum* Schinz, Verh. Bot. Vereins Prov. Brandenburg 29: 55 (1888) = ***Tetraena rigida* (Schinz) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**

- Zygophyllum rogersii* Compton, Trans. Roy. Soc. South Africa 19: 296 (1931) = ***Roepera rogersii* (Compton) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum schreiberanum* Merxm. & Giess, Mitt. Bot. Staatssamml. München 11: 447 (1974) = ***Roepera schreiberi* (Merxm. & Giess) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum sessilifolium* L., Sp. Pl. 1: 385 (1753) = ***Roepera sessilifolia* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum simplex* L., Mant. Pl.: 68 (1767) = ***Tetraena simplex* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**
- Zygophyllum spinosum* L., Sp. Pl. 1: 386 (1753) = ***Roepera spinosa* (L.) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 32 (2003)**
- Zygophyllum tenue* P.E.Glover, Ann. S. African Mus. 9: 172 (1913) = ***Tetraena tenuis* (Glover) Beier & Thulin, Pl. Syst. Evol. 240(1-4): 36 (2003)**

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## Taxonomic status change: synonyms that became accepted names

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### ACANTHACEAE

#### **BARLERIA L.**

*Barleria coriacea* Oberm., Ann. Transvaal Mus. 15: 139 (1933); Type: South Africa, Lydenburg, Inkumpi River at Zebedele's Kraal, n.d., Nelson 370 (PRE, holo.; K, iso.)

*Barleria delagoensis* Oberm., Ann. Transvaal Mus. 15: 143 (1933); Type: Mozambique, Masieni, mouth of Incomati (Komatie) River, 9/1924, Van Dam in TVL 25321 (PRE, holo.)

*Barleria heterotricha* Lindau, Bot. Jahrb. Syst. 38(1): 69 (1905); Type: Mozambique, Moamba Distr., Ressano Garcia, fl. 18/12/1897, Schlechter 11822 (B, holo.†; GRA, lecto.) Lectotype designated by Darbyshire, Flora Zambesiaca 8(6): 71 (2015).

*Barleria quadriloba* Oberm., Ann. Transvaal Mus. 15: 150 (1933); Type: South Africa, Limpopo Province, Messina, 2/1919, Rogers 22548 (PRE-TRV, holo.; GRA, Z, iso.)

*Barleria taitensis* S.Moore subsp. *rogersii* (S.Moore) I.Darbysh., Fl. Zambes. 8(6): 87 (2015); Type: Zimbabwe, Hwange, 5/1915, Rogers 13239 (BM, holo.; BOL, iso.)

#### **ISOGLOSSA OERST.**

*Isoglossa stipitata* C.B.Clarke, Fl. Cap. (Harvey) 5(1): 82 (1901); Type: South Africa. Natal, in shady woods around Durban Bay, Krauss 302 (K, lecto.) Lectotype designated by Poriazis & Balkwill, Novon 23(1): (2014)

#### **JUSTICIA L.**

*Justicia distichotricha* Lindau, Bot. Jahrb. Syst. 43(4): 357 (1909)

*Justicia incana* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 42 (1863); Type: South Africa, Northern Cape, between Beaufort West and Rhinoster Kop, n.d., Drege s.n. (K, lecto.) Lectotype designated by Vollesen, Fl. Zam. 8(6): 219 (2015)

*Justicia leucoderme* Schinz, Verh. Bot. Ver. Brandenburg 31: 202 (1890)

*Justicia natalensis* (Nees) T.Anderson, J. Proc. Linn. Soc., Bot. 7: 38 (1863)

*Justicia rhodesiana* S.Moore, J. Bot. 51: 188 (1913); Type: Zimbabwe, Bulawayo, 18-2-1912, Rogers 5740 (BM, lecto.; K, isolecto.) Lectotype designated by Hedren, Nordic J. Bot. 10: 393 (1990)

*Justicia spartioides* T.Anderson, J. Proc. Linn. Soc., Bot. 7: 43 (1863)

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### AIZOACEAE

#### **BERGERANTHUS SCHWANTES**

*Bergeranthus addoensis* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 120 (1938); Type: South Africa, Eastern Cape, Addo Bush, October 1937, F.R. Long s.n. in NBG 462/33 (BOL, holo.)

*Bergeranthus artus* L.Bolus, S. African Gard. 17: 365 (1927); Type: Unknown locality, no date, N. S. Pillans s.n. in NBG470/16 (BOL, holo.)

*Bergeranthus katbergensis* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 233 (1950); Type: South Africa, Eastern Cape, Katberg Pass, October 1946, E.E. Esterhuysen 13229 (BOL, holo.)

*Bergeranthus leightoniae* L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 233 (1950); Type: South Africa, Eastern Cape, near King William's Town, June 1934, F.M. Leighton s.n. in NBG 1537/34 (BOL, holo.)

## **GIBBAEUM (HAW.) N.E.BR.**

*Gibbaeum hortenseae* (N.E.Br.) Thiede & Klak, *Strelitzia* 9: 705 (2000)

*Gibbaeum muirii* N.E.Br., *Gard. Chron. Ser. 3*, 79: 216 (1926)

*Gibbaeum schwantesii* Tischer, *Kakt. u. Sukkulent.* 1937: 152 (1937)

## **MESEMBRYANTHEMUM L.**

*Mesembryanthemum amplexens* L.Bolus, *Ann. S. African Mus.* 9: 153 (1913)

*Mesembryanthemum arenosum* Schinz, *Bull. Herb. Boissier v. App.* 3: 79 (1897)

*Mesembryanthemum articulatum* Thunb., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 8(Append.): 10 (1791)

*Mesembryanthemum bicorne* Sond., *Fl. Cap. (Harvey)* 2: 434 (1862)

*Mesembryanthemum bulletrapense* Klak, *Bradleya* 26: 29 (2008); Type: South Africa, Northern Cape, near Springbok, 7 km west of Bulletrap, 28/10/2006, C. Klak 1252 (BOL, holo.; E, HBG, K, NBG, iso.)

*Mesembryanthemum canaliculatum* Haw., *Observ. Mesembryanthemum* 2: 218 (1795)

*Mesembryanthemum caudatum* L.Bolus, *Ann. Bolus Herb.* 2: 29 (1916)

*Mesembryanthemum clandestinum* Haw., *Till. Phil. Mag.* 68: 129 (1826); Type: drawing 243 by Duncanson (K, lecto.; BOL, photo.) Lectotype designated by Gerbaulet, *Illustrated Handbook of Succulent Plants* (2001).

*Mesembryanthemum corallinum* Thunb., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 8(Append.): 12 (1791)

*Mesembryanthemum cordifolium* L.f., *Suppl. Pl.*: 260 (1782)

*Mesembryanthemum coriarium* Burch. ex N.E.Br., *Trav. S. Africa* 1: 243 (1822)

*Mesembryanthemum crassicaule* Haw., *Till. Phil. Mag.* 64: 425 (1824)

*Mesembryanthemum delum* L.Bolus, *Ann. Bolus Herb.* 4: 11 (1925)

*Mesembryanthemum dinteri* Engl., *Bot. Jahrb. Syst.* 43(1-2): 197 (1909)

*Mesembryanthemum emarcidum* Thunb., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 8(Append.): 9 (1791)

*Mesembryanthemum englishiae* L.Bolus, *Ann. Bolus Herb.* 3: 125 (1922)

*Mesembryanthemum expansum* L., *Syst. Nat.*, ed. 10. 2: 1059 (1759)

*Mesembryanthemum geniculiflorum* L., *Fl. Aegypt.-Arab.*: 98 (1775)

*Mesembryanthemum granulicaule* Haw., *Till. Phil. Mag.* 64: 427 (1824)

*Mesembryanthemum grossum* Aiton, *Hort. Kew. [W. Aiton]* 2: 191 (1789)

*Mesembryanthemum haeckelianum* A.Berger, *Bot. Jahrb. Syst.* 45(2): 224 (1910)

*Mesembryanthemum hypertrophicum* Dinter, *Repert. Spec. Nov. Regni Veg. Beih.* 23: 63 (1923)

*Mesembryanthemum junceum* Haw., *Misc. Nat.*: 59 (1803)

*Mesembryanthemum leptarthron* A.Berger, *Bot. Jahrb. Syst.* 57(5): 628 (1922)

*Mesembryanthemum longipapillosum* Dinter, *Repert. Spec. Nov. Regni Veg. Beih.* 53: 19 (1928)

*Mesembryanthemum marlothii* Pax, *Bot. Jahrb. Syst.* 10(1-2): 13 (1888)

*Mesembryanthemum nitidum* Haw., *Observ. Mesembryanthemum* 2: 412 (1795)

*Mesembryanthemum noctiflorum* L., *Sp. Pl.* 1: 481 (1753)

*Mesembryanthemum noctiflorum* L. subsp. *noctiflorum*

*Mesembryanthemum oculatum* N.E.Br., *Bull. Misc. Inform. Kew* 1911(7): 313 (1911)

*Mesembryanthemum parviflorum* Jacq., *Pl. Rar. Hort. Schoenbr.* 3: 15 (1798)

*Mesembryanthemum paulum* (N.E.Br.) L.Bolus, *Notes Mesembryanthemum [H.M.L. Bolus]* 3: 167 (1939); Type: South Africa, Western Cape, Oakdale, near Riversdale, J. Muir 4145 (K, holo)

*Mesembryanthemum rapaceum* Jacq., *Fragm. Bot.*: 43, t. 52. f. 1 (1809)

*Mesembryanthemum resurgens* Kensit, *Trans. Roy. Soc. South Africa* 1: 154 (1909)

*Mesembryanthemum salicornioides* Pax, *Bot. Jahrb. Syst.* 19(1): 133 (1894)

*Mesembryanthemum schenkii* Schinz, *Bull. Herb. Boissier* 5, App. 3: 80 (1897)



- Mesembryanthemum sinuosum* L.Bolus, Ann. Bolus Herb. 4: 14 (1925)  
*Mesembryanthemum sladenianum* L.Bolus, Ann. S. African Mus. 9: 152 (1913)  
*Mesembryanthemum spinuliferum* Haw., Observ. Mesembryanthemum 2: 206 (1795)  
*Mesembryanthemum subnodosum* A.Berger, Bot. Jahrb. Syst. 57(5): 628 (1922)  
*Mesembryanthemum tenuiflorum* Jacq., Fragm. Bot.: 44. t. 32. f. 3 (1809)  
*Mesembryanthemum tetragonum* Thunb., Prodr. Pl. Cap. 2: 91 (1800)  
*Mesembryanthemum tortuosum* L., Sp. Pl. 1: 487 (1753)  
*Mesembryanthemum trichotomum* Thunb., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 8(Append.): 14 (1791)  
*Mesembryanthemum vaginatum* Lam., Encycl. [J. Lamarck & al.] 2(2): 478 (1788)  
*Mesembryanthemum varians* Haw., Misc. Nat.: 51 (1803)  
*Mesembryanthemum viridiflorum* Aiton, Hort. Kew. [W. Aiton] 2: 196 (1789)

## **RUSCHIA SCHWANTES**

*Ruschia congesta* (Salm-Dyck) L.Bolus

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## **AMARANTHACEAE**

### **CHENOLEA THUNB.**

*Chenolea diffusa* Thunb., Nov. Gen. Pl. [Thunberg] 1: 10 (1781)

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## **ANACAMPSEROTACEAE**

### **ANACAMPSEROS L.**

*Anacampseros quinaria* E.Mey. ex Fenzl

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## **APIACEAE**

### **APIUM L.**

*Apium decumbens* Eckl. & Zeyh., Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 340 (1837), non Sol. ex G.Forst. nom. nud.; Type: South Africa, Ecklon & Zeyher 2191 (M, S, SAM)

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## **APOCYNACEAE**

### **HUERNIA R.BR.**

*Huernia longii* Pillans subsp. *echidnopsioides* (L.C.Leach) Bruyns, Bradleya 2: 18 (1984); Type: South Africa, Eastern Cape, Baviaans Kloof, Leach & Bayliss 13612 (PRE, holo.; K, SRGH, iso.)

### **PETOPENTIA BULLOCK**

*Petopentia natalensis* (Schltr.) Bullock, Kew Bull. 9(2): 362 (1954); Type: South Africa. KwaZulu-Natal, Port Shepstone (3030), "Umbogotwino" [Umbogintwini] (-BB), not far from "Umlaas" [Umlazi], flowered in the Natal Botanic Garden in July 1886, Wood 3634 (K, neo.) Neotype designated by Venter & Venter, South African Journal of Botany 88: 427 (2013).

### **SCHIZOSTEPHANUS HOCHST.**

*Schizostephanus alatus* Hochst. ex K.Schum., Bot. Jahrb. Syst. 17(1-2): 139 (1893)

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## **ASPARAGACEAE**

### **ASPARAGUS L.**

*Asparagus saundersiae* Baker

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## ASPHODELACEAE

### **ALOE L.**

*Aloe barbertoniae* Pole-Evans

*Aloe burgersfortensis* Reynolds

*Aloe candelabrum* A.Berger, Notizbl. Königl. Bot. Gart. Berlin 4: 246 (1906); Type: South Africa, Flora of Natal, Natal Botanic Gardens, July 1890, J. Medley Wood 4345 (B†, holo-; US00680243, iso-)

*Aloe framesii* L.Bolus

*Aloe immaculata* Pillans

*Aloe khamiesensis* Pillans

*Aloe kraussii* Baker

*Aloe mitriformis* Mill.

*Aloe mutabilis* Pillans

*Aloe mutans* Reynolds

*Aloe pienaarii* Pole-Evans

*Aloe spectabilis* Reynolds

*Aloe umfoloziensis* Reynolds

*Aloe verdoorniae* Reynolds

*Aloe wickensii* Pole-Evans

### **HAWORTHIA DUVAL**

*Haworthia angustifolia* Haw. var. *altissima* M.B.Bayer, *Haworthia Revisited*: 26 (1999); Type: Riebeek East to Carlisle Bridge, Smith 5220 (NBG)

*Haworthia arachnoidea* (L.) Duval var. *aranaea* (A.Berger) M.B.Bayer, *Haworthia Revisited*: 30 (1999); Type: Engler, *Pflanzenr.* 33: 114, f. 39 A-E (1908) (lecto.). Type: South Africa, Robinson Pass, Moeras River Drift, Bolus 12372 (BOL, epi.) Epitype designated by Breuer & Metzger, *Taxon* 46: (1997).

*Haworthia arachnoidea* (L.) Duval var. *namaquensis* M.B.Bayer, *Haworthia Revisited*: 31 (1999); Type: South Africa, Northern Cape, Karrachabpoort, Richtersveld, Bayer 1674 (NBG).

*Haworthia cooperi* Baker var. *tenera* (Poelln.) M.B.Bayer, *Haworthiad* 16(2): 65 (2002)

*Haworthia marumiana* Uitewaal var. *archeri* (W.F.Barker ex M.B.Bayer) M.B.Bayer, *Haworthia Revisited*: 104 (1999); Type: South Africa, Whitehill, Archer s.n. NBG 68145 (NBG)

*Haworthia mirabilis* (Haw.) Haw. var. *atrofusca* (G.G.Sm.) M.B.Bayer, *Haworthia Update* 7(4): 34 (2012); Type: South Africa, Dekenah 225 sub Smith 6169 (NBG)

*Haworthia monticola* Fourc. var. *asema* M.B.Bayer, *Haworthia Revisited*: 117 (1999); Type: Calitzdorp, Besemkop, Venter 12 (NBG)

*Haworthia pygmaea* Poelln. var. *vincentii* (Breuer) M.B.Bayer, *Haworthia Update* 7(4): 36 (2012); Type: South Africa, NE Albertinia, Vincent De Vries 071 (IB5424) (GRA, holo.)

*Haworthia rossouwii* Poelln. var. *rossouwii*; Type: unpublished image (B, lecto.)

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## ASTERACEAE

### **CONYZA LESS.**

*Conyza aegyptiaca* (L.) Aiton, *Hort. Kew* 3: 183 (1789)

*Conyza attenuata* DC., *Prodr.* 5: 384 (1836)

*Conyza obscura* DC., *Prodr.* 5: 387 (1836)

*Conyza pinnata* (L.f.) Kuntze, *Gen. Pl.* 3(3): 142 (1898)

*Conyza pinnatifida* (Thunb.) Less., *Syn. Gen. Compos.*: 204 (1832)

*Conyza podocephala* DC., *Prodr.* 5: 387 (1836)

*Conyza scabrida* DC., *Prodr.* 5: 387 (1836)

*Conyza sumatrensis* (Retz.) E.Walker, J. Jap. Bot. 46(3): 72 (1971)

*Conyza ulmifolia* (Burm.f.) Kuntze, Revis. Gen. Pl. 3(3): 142 (1898)

## **GERBERA L.**

*Gerbera sinuata* (Thunb.) Spreng., Syst. Veg. (ed. 16) [Sprengel] 3: 576 (1826); Type: South Africa, Thunberg s.n. Herb. Thunb. 20,010 (UPS-THUNB, holo.)

## **GORTERIA L.**

*Gorteria diffusa* Thunb. subsp. *diffusa*

## **OSTEOSPERMUM L.**

*Osteospermum auriculatum* (S.Moore) Norl., Stud. Calenduleae 1: 280 (1943)

*Osteospermum calendulaceum* L.f., Suppl. Pl.: 386 (1782)

*Osteospermum connatum* DC., Prodr. [A. P. de Candolle] 6: 466 (1838)

*Osteospermum crassifolium* (O.Hoffm.) Norl., Stud. Calenduleae 1: 300 (1943)

*Osteospermum dentatum* Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 29 (1768)

*Osteospermum microcarpum* (Harv.) Norl., Stud. Calenduleae 1: 295 (1943)

*Osteospermum oppositifolium* (Aiton) Norl., Bot. Not. 113: 393 (1960); Type: In herb. Brit. Mus. (BM, lecto.) Lectotype designated by Norlindh, Bot. Notiser 113(4): 393 (1960).

*Osteospermum pinnatilobatum* Norl., Stud. Calenduleae 1: 302 (1943); Type: South Africa, L. Namaqualand Div., Concordia, in collibus, 1897, Schlechter 11331 (B, lecto.; LD, Z, isolecto.)

*Osteospermum polycephalum* (DC.) Norl., Stud. Calenduleae 1: 294 (1943)

*Osteospermum rosulatum* Norl., Stud. Calenduleae 1: 325 (1943); Type: South Africa, Griqualand East, Mount Currie, in apertis circa Kokstad, 1883, Tyson 1796 (BOL, holo.; K, PRE, SM, iso.)

*Osteospermum scariosum* DC. var. *integrifolium* (Harv.) Norl., Stud. Calenduleae 1: 321 (1943)

*Osteospermum scariosum* DC. var. *scariosum*

*Osteospermum sinuatum* (DC.) Norl., Stud. Calenduleae 1: 275 (1943)

*Osteospermum sinuatum* (DC.) Norl. var. *lineare* (Harv.) Norl., Stud. Calenduleae 1: 279 (1943)

*Osteospermum sinuatum* (DC.) Norl. var. *sinuatum*

*Osteospermum spathulatum* (DC.) Norl., Stud. Calenduleae 1: 324 (1943)

*Osteospermum spinigerum* (Norl.) Norl., Stud. Calenduleae 1: 326 (1943)

## **PLANEA P.O.KARIS**

*Planea schlechteri* (L.Bolus) P.O.Karis

## **SENECIO L.**

*Senecio discodregeanus* Hilliard & B.L.Burt, Notes Roy. Bot. Gard. Edinburgh 34(1): 89 (1975)

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## **CACTACEAE**

### **CYLINDROPUNTIA (ENGELM.) F.M.KNUTH**

*Cylindropuntia pallida* (Rose) F.M.Knuth

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## **CAPRIFOLIACEAE**

### **SAMBUCUS L.**

*Sambucus canadensis* L., Sp. Pl. 1: 269 (1753); Type: LINN (381.2)

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## **COMMELINACEAE**

### **TRADESCANTIA L.**

*Tradescantia zebrina* Bosse

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## CUPRESSACEAE

### **WIDDRINGTONIA ENDL.**

*Widdringtonia wallichii* Endl. ex Carrière, *Traité Gén. Conif.*, ed. 2: 62 (1867)

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## CYPERACEAE

### **CAREX L.**

*Carex lancea* (Thunb.) Baill., *Hist. Pl. (Baillon)* 12: 341 (1894)

*Carex schimperiana* Boeck., *Linnaea* 40: 373 (1876)

*Carex spartea* Wahlenb., *Kongl. Vetensk. Acad. Nya Handl.* 1803: 149 (1803)

*Carex uhligii* K.Schum. ex C.B. Clarke, *Bot. Jahrb. Syst.* 38(2): 136 (1906)

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## DIDIEREACEAE

### **PORTULACARIA JACQ.**

*Portulacaria namaquensis* Sond., *Fl. Cap. (Harvey)* 2: 386 (1862); Type: South Africa.

Namaqualand, Wylie s.n. (S, lecto.) Lectotype designated by Bruyns et al., *Taxon* 64(4): 1062 (2014)

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## DIOSCOREACEAE

### **DIOSCOREA L.**

*Dioscorea multiloba* Kunth, *Enum. Pl. [Kunth]* 5: 376 (1850); Type: South Africa. KwaZulu Natal: "Probably collected in Pondoland ", male fl. & female fr. 1840, Drege 4496 (K [K000098902 male fl. buds & female fr.], lecto.; B [B\_10\_0004142 male fl. buds & female fr., B\_10\_0004143 male fl. buds]; G [G00018675 female fr.]; K [K000098900 male fl. buds & female fr.]; KIEL; OXF [OXF00004193 female fr.]; P [P00440187 female fr., P00440188 male fl. buds & female fr., P00440189 female fr., P00440191 male fl. buds & female fr.], TCD female fr., isolecto.)

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## DRYOPTERIDACEAE

### **DRYOPTERIS ADANS.**

*Dryopteris esterhuyseniae* Schelpe & N.C. Anthony, *Contr. Bolus Herb.* 10: 148 (1982); Type: South Africa. Natal, Drakensberg, MnWeni area, steep rocky bank above kloof below Rockies, S-aspect, July 1953, E. Esterhuysen 21663 (BOL, holo.; BM, NBG0081280-0, iso.)

*Dryopteris squamiseta* (Hook.) Kuntze, *Revis. Gen. Pl.* 2: 813 (1891); Type: Equatorial Guinea. Bioko (Fernando Po): Clarence Peak, G. Mann 380 (K000351166, K000351167, holo.)

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## EUPHORBIACEAE

### **EUPHORBIA L.**

*Euphorbia nutans* Lag., *Gen. Sp. Pl.* 17 (1816)

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## FABACEAE

### **INDIGOFERA L.**

*Indigofera subulata* Vahl ex Poir. var. *scabra* (Roth) Meikle

## **LESSERTIA DC.**

*Lessertia frutescens* (L.) Goldblatt & J.C.Manning subsp. *speciosa* (E.Phillips & R.A.Dyer) J.C.Manning & Boatwr., Strelitzia 29: 804 (2012); Type: South Africa, Northern Cape, Namaqualand minor, Waterklip, 10 September 1897, Schlechter 11162 (PRE, holo., iso.)

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## **GERANIACEAE**

### **PELARGONIUM L'HÉR. EX AITON**

*Pelargonium schlechteri* R.Knuth

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## **HYACINTHACEAE**

### **DRIMIA JACQ. EX WILLD.**

*Drimia echinostachya* (Baker) Eggl & N.R.Crouch, Bothalia 42(1): 43 (2012)

### **LACHENALIA J.JACQ. EX MURRAY**

*Lachenalia bulbifera* (Cirillo) Engl., Notizbl. Königl. Bot. Gart. Berlin 2(18): 321 (1899)

*Lachenalia punctata* Jacq., Coll. 2: 323 (1788); Type: South Africa, Cape, precise locality and collector unknown, figure in N.J. Jacquin, Icones Plantarum Rariorum 2: 6, t. 397 (1790) (neo.)

Neotype designated by Duncan, The Genus Lachenalia: 160 (2012).

*Lachenalia schlechteri* Baker, Bull. Herb. Boissier Ser. 2, 4: 999 (1904); Type: South Africa, Western Cape, Piquetberg Road (=Gouda), F.R.R. Schlechter 4855 (Z, holo.)

### **LEDEBOURIA ROTH**

*Ledebouria burkei* (Baker) J.C.Manning & Goldblatt subsp. *burkei*

### **ORNITHOGALUM L.**

*Ornithogalum abyssinicum* (Jacq.) J.C.Manning & Goldblatt

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## **IRIDACEAE**

### **GEISSORHIZA KER GAWL.**

*Geissorhiza ixioides* Schltr.

### **IXIA L.**

*Ixia sarmentosa* Goldblatt & J.C.Manning, S. African J. Bot. 104: 191 (2016); Type: South Africa, Western Cape Province, Bo-Hermon, Elandsberg Farm, southeast of Bosplaas homestead, 11/11/2011, Goldblatt & Manning 13747 (NBG, holo.; K, MO, PRE, S, iso.)

### **LAPEIROUSIA POURR.**

*Lapeirousia lewisiana* B.Nord.

*Lapeirousia littoralis* Baker subsp. *caudata* (Schinz) Goldblatt

### **MORAEA MILL.**

*Moraea caeca* Barnard ex Goldblatt

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## **LAMIACEAE**

### **KALAHARIA BAILL.**

*Kalaharia uncinata* (Schinz) Moldenke, Phytologia 5: 132 (1955); Type: South West Africa [Namibia], Goroxas, Schinz 1890 (?Z)

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## LINDERNIACEAE

### **CREPIDORHOPALON EB.FISCH.**

*Crepidorhopalon debilis* (Skan) Eb.Fisch., Feddes Repert. 106(1-2): 8 (1995)

*Crepidorhopalon spicatus* (Engl.) Eb.Fisch., Feddes Repert. 100(9-10): 444 (1989)

### **LINDERNIA ALL.**

*Lindernia capensis* Thunb., Prodr. Pl. Cap. 2: 104 (1800)

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## MALVACEAE

### **MALVA L.**

*Malva multiflora* (Cav.) Soldano, Banfi & Gallaso

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## MARANTACEAE

### **MARANTA L.**

*Maranta leuconeura* E.Morren, Ann. Hort. Belge Étrangère 24: 323 (1874)

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## MOLLUGINACEAE

### **PHARNACEUM L.**

*Pharnaceum pusillum* Schltr., Bot. Jahrb. Syst. 27(1-2): 123 (1899); Type: South Africa, Boontjes Rivier, 25 Aug 1896, Schlechter 8664 (BM000902705, lecto.; B 10 0159470, BR0000006861429, E00217681, PH00029562, S No. 05-4841, isolecto.) Lectotype designated by Adamson, Journal of South African Botany 24: 17 (1957).

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## MYRTACEAE

### **METROSIDEROS BANKS EX GAERTN.**

*Metrosideros angustifolia* (L.) Sm.

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## OLEACEAE

### **OLEA L.**

*Olea europaea* L. subsp. *cuspidata* (Wall. ex G.Don) Cif., L'Olivicoltura 19 (5): 96 (1942); Type: India, Kumoan, Wallich 2817 (K-W, holo.)

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## POACEAE

### **PENTAMERIS P.BEAUV.**

*Pentameris montana* (H.P.Linder) Galley & H.P.Linder

*Pentameris trifida* (Galley) Galley & H.P.Linder

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## PROTEACEAE

### **SERRURIA SALISB.**

*Serruria rostellaris* Salisb. ex Knight, Cult. Prot.: 88 (1809)

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## RANUNCULACEAE

### **CLEMATIS L.**

*Clematis oweniae* Harv., Fl. Cap. [Harvey & Sonder] 1: 2 (1859); Type: South Africa, Port Natal, Owen s.n. (holo.)

## **RANUNCULUS L.**

*Ranunculus trichophyllus* Chaix, Hist. Pl. Dauphiné (Villars) 1: 335 (1786); Type: 'Frequentissimus in rivulis quietis, fossisque aqua plenis', Haller 1162 (G, neo.) Neotype designated by Lourteig, Darwiniana 9: (1951).

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## **RUBIACEAE**

### **EMPOGONA HOOK.F.**

*Empogona kirkii* Hook.f., Hooker's Icon. Pl. 11: t. 1091 (1871); Type: Malawi, Cape Maclear, Oct. 1861, J.Kirk s.n. (K, holo.)

### **TRICALYSIA A.RICH. EX DC.**

*Tricalysia capensis* (Meisn. ex Hochst.) Sim var. *galpinii* (Schinz) Robbr., Bull. Jard. Bot. Natl. Belg. 57(1-2): 187 (1987)

### **VANGUERIA COMM. EX JUSS.**

*Vangueria dryadum* S.Moore, J. Linn. Soc., Bot. 40: 93 (1911)  
*Vangueria lasiantha* (Sond.) Sond., Fl. Cap. (Harvey) 3: 14 (1865)

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## **RUTACEAE**

### **VEPRIS COMM. EX A.JUSS.**

*Vepris carringtoniana* Mendonça, Mem. Junta Invest. Ultramar, 2 Ser. 28: 83 (1961)  
*Vepris natalensis* (Sond.) Mziray, Symb. Bot. Upsal. 30(1): 74 (1992); Type: South Africa, Port Natal, Gueinzius 67 & 650; Frontier of Albany, Mrs F.W. Barker s.n. (Herb. Sond., T.C.D., ?syn.)

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## **SANTALACEAE**

### **THESIUM L.**

*Thesium rigidum* Sond., Flora 40: 354 (1857)

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## **SCROPHULARIACEAE**

### **ZALUZIANSKYA F.W.SCHMIDT**

*Zaluzianskya nemesioides* Diels, Bot. Jahrb. Syst. 23(4): 482 (1897); Type: South Africa, Northern Cape, Hantam Mountains, Meyer s.n. (B†, holo.). Neotype: South Africa, Northern Cape, Calvinia, gravel flats below Hantamsberg, 15 Sept. 1996, Goldblatt & Manning 10525 (NBG, neo.; MO, iso.). Neotype selected by Manning & Goldblatt, Bothalia 44(1): 8.

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## **SELAGINELLACEAE**

### **SELAGINELLA P.BEAUV.**

*Selaginella grisea* Alston

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## **SOLANACEAE**

### **NIEREMBERGIA RUÍZ & PAV.**

*Nierembergia hippomanica* Miers var. *violacea* Millán, Darwiniana 5: 520 (1941)

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## THYMELAEACEAE

### **ENGLERODAPHNE GILG**

*Englerodaphne subcordata* (Meisn.) Engl.

### **LASIOSIPHON FRESEN.**

*Lasiosiphon kraussianus* (Meisn.) Meisn., Prodr. [A. P. de Candolle] 14(2): 596 (1857), 'kraussii', sphalm.

*Lasiosiphon meisnerianus* Endl., Gen. Pl. [Endlicher] Suppl. 4, II: 67 (1848)

*Lasiosiphon nanus* Burtt Davy, Man. Pl. Transvaal [Burtt Davy] 1: 45, 206, 207 (1926)

*Lasiosiphon ornatus* Burtt Davy, Man. Pl. Transvaal [Burtt Davy] 1: 45, 206 (1926)

*Lasiosiphon similis* C.H.Wright, Bull. Misc. Inform. Kew 1916(7): 177 (1916)

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## VELLOZIACEAE

### **XEROPHYTA JUSS.**

*Xerophyta elegans* (Balf.) Baker, J. Bot. 13: 234 (1875); Type: South Africa, KwaZulu-Natal, Fox Talbot s.n. (K, holo.)



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## Publications incorporated

(2/2014–3/2018)

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This is a list of all references that were incorporated into the checklist during the above-mentioned time period. For some of the older publications there might not have been any taxonomic changes made, but additional information, like type specimen details etc., were obtained from these publications.

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- Al-Shehbaz, IA. 2016. *Lepidium seydelii* (Brassicaceae), a new species from Namibia. *Harvard Pap. Bot.* 21 (2): 133–135.
- Backlund, M; Bremer, B; Thulin, M. 2007. Paraphyly of Paederieae, recognition of *Putorieae* and expansion of *Plocama* (Rubiaceae-Rubioideae). *Taxon* 56 (2): 315–328.
- Bayer, MB; Manning, JC. 2012. The *Haworthia* Nomenclator: A list of accepted species with some guidelines for infrappecific names. *Haworthiad Spec. Edn*: 1–23.
- Bester, SP; Nicholas, A. 2016. *Schizoglossum austromontanum*, a novel new species from South Africa (Apocynaceae, Asclepiadoideae, Asclepiadeae). *Phytotaxa* 273 (1): 43–50.
- Boatwright, JS; Le Roux, A; Manning, JC. 2016. *Amphithalea ornata* (Podalyriaceae, Fabaceae), a rare new species from the Western Cape Province, South Africa. *S. African J. Bot.* 102: 217–220.
- Brummitt, RK. 1976. Notes arising from the Wye College expedition to Malawi. 1. A reconsideration of *Clematopsis* (Ranunculaceae) in Africa, with special reference to Malawi. *Kew Bull.* 31: 155–162.
- Brummitt, RK. 2000. Inclusion of *Clematopsis* Hutch. in *Clematis* L. (Ranunculaceae). *Kew Bull.* 55 (1): 97–108.
- Bruyns, PV. 2012. Nomenclature and typification of southern African species of *Euphorbia*. *Bothalia* 42 (2): 217–245.
- Classen-Bockhoff, R; Oliver, EGH; Hall, AV; Quint, M. 2011. A new classification of the South African endemic family Bruniaceae based on molecular and morphological data. *Taxon* 60 (4): 1138–1155.
- Cron, GV. 2013. *Bertilia* — a new monotypic genus in the Senecioneae (Asteraceae) from South Africa. *S. African J. Bot.* 88: 10–16.
- Cron, GV; Karimi, N; Glennon, KL; Udeh, CA; Witkowski, ETF; Venter, SM; Assogbad. 2016. One African baobab species or two? Synonymy of *Adansonia kilima* and *A. digitata*. *Taxon* 65 (5): 1037–1049.
- Crouch, NR; Edwards, TJ; Beaumont, AJ. 2007. *Ledebouria ovatifolia* (Baker) Jessop subsp. *scabrata* N.R.Crouch & T.J.Edwards. *Fl. Pl. Africa* 60: 14–19.
- Crouch, NR; Figueiredo, E; Smith, GF. 2016. Occurrence of the little-known *Kalanchoe leblanciae* Raym.-Hamet (Crassulaceae) confirmed in South Africa. *Bradleya* 34: 70–76.
- Crouch, NR; Martinez-Azorin, M; Beaumont, AJ; Styles, D. 2014. *Stellarioides littoralis* (Asparagaceae, Scilloideae), a distinct new species from eastern South Africa. *Phytotaxa* 177 (5): 261–268.
- Crouch, NR; Smith, GF; Klopper, RR; Figueiredo, E; McMurtry, D; Burns, S. 2015. Winter-flowering maculate aloes from the Lowveld of southeastern Africa: notes of *Aloe monteiroae* Bakerr (Asphodelaceae: Alooideae), the earliest name for *Aloe parvibracteata* Schonland. *Bradleya* 33: 147–155.
- Crouch, NR; Smith, GF; Walters, M; Figueiredo, E. 2016. *Kalanchoe winteri* Gideon F.Sm., N.R.Crouch & Mich.Walters (Crassulaceae), a new species from the Wolkberg Centre of Endemism, South Africa. *Bradleya* 34: 217–224.
- Dold, AP; Hammer, SA; Barker, NP. 2005. Leaves of grass: A taxonomic revision of the genus *Bergeranthus* Schwantes (Aizoaceae). *Haseltonia* 11: 78–97.
- Dubuisson, J; Bauret, L; Grall, A; Li, T; Ebihara, A; Hennequin, S. 2016. Discussion on the taxonomy of African fern *Abrodictyum rigidum* (Sw.) Ebihara & Dubuisson and description of

- two new *Abrodictyum* C.Presl species (Hymenophyllaceae, Polypodiidae) for the Afro-Malagasy region. *Phytotaxa* 284 (3): 151–168.
- Duncan, GD. 2012. The genus *Lachenalia*. *Botanical Magazine Monographs* 34: 1–479. Royal Botanic Garden, Kew, London.
- Duncan, GD. 2014. 792. *Nerine bowdenii* subsp. *wellsii*. *Curtis's Bot. Mag.* 31 (3): 223–237.
- Duncan, GD. 2017. Two new species, two rediscoveries and a range extension in *Lachenalia* (Asparagaceae: Scilloideae) from southern and western South Africa. *Phytotaxa* 316 (3): 261–270.
- Fernandes, RB; Verdcourt, B. 2000. *Rotheca* (Labiatae) revived: more new combinations. *Kew Bull.* 55: 147–154.
- Figueiredo, E; Smith, GF. 2017. Notes on the discovery and type of *Kalanchoe rotundifolia* (Haw.) Haw. (Crassulaceae). *Bradleya* 35: 106–112.
- Figueiredo, E; Smith, GF; Crouch, NR. 2016. The taxonomy and type of *Kalanchoe sexangularis* N.E.Br. (Crassulaceae). *Bradleya* 34: 92–99.
- Fischer, E; Schaeferhoff, B; Mueller, K. 2013. The phylogeny of *Linderniaceae* – The new genus *Linderniella*, and new combinations within *Bonnaya*, *Craterostigma*, *Lindernia*, *Micranthemum*, *Torenia* and *Vandellia*. *Willdenowia* 43: 209–238.
- Gildenhuys, SD. 2016. Plant focus: *Pachypodium succulentum* (L.f.) Sweet (Apocynaceae). *Aloe* 52 (1): 32–34.
- Global Carex Group. 2015. Making *Carex* monophyletic (Cyperaceae, tribe Cariceae): a new broader circumscription. *Bot. J. Linn. Soc.* 179: 1–42.
- Goldblatt, P; Manning, JC. 2008. Systematics of the southern African genus *Ixia* (Iridaceae): 1. The *I. rapunculoides* complex. *Bothalia* 38 (1): 1–22.
- Goldblatt, P; Manning, JC. 2008. Systematics of the southern African genus *Ixia* (Iridaceae): 2. The filiform-leaved *I. capillaris* complex. *Bothalia* 38 (2): 115–124.
- Goldblatt, P; Manning, JC. 2011. Systematics of the southern African genus *Ixia* (Iridaceae): 3. Sections *Hyalis* and *Morphixia*. *Bothalia* 41 (1): 83–134.
- Goldblatt, P; Manning, JC. 2012. Systematics of the southern African genus *Ixia* (Iridaceae): 4. Revision of sect. *Dichone*. *Bothalia* 42 (2): 87–110.
- Goldblatt, P; Manning, JC. 2014. Taxonomy of the *Moraea saxicola* complex (Iridaceae: Iridoideae) of arid, western southern Africa, with the new species, *M. acocksii*, *M. geminifolia*, *M. quartzicola* and *M. teretifolia*. *S. African J. Bot.* 91: 75–83.
- Goldblatt, P; Manning, JC. 2016. Systematics of the southern African genus *Ixia* (Iridaceae): 5. Synopsis of section *Ixia*, including five new species. *S. African J. Bot.* 104: 175–198.
- Groeninckx, I; Ochoterena, I; Smets, E; Dessein, S. 2010. Molecular phylogenetic and morphological study of *Kohautia* (Spermacoceae, Rubiaceae), with the recognition of the new genus *Cordylostigma*. *Taxon* 59 (5): 1457–1471.
- Herman, PPJ; Koekemoer, M. 2014. Two new species of *Callilepis* (Asteraceae) from southern Africa with corymbose inflorescences. *Phytotaxa* 183 (4): 254–262.
- Herman, PPJ; Retief, E. 2002. Notes on African Plants: Lamiaceae. New combinations in the genus *Rotheca* in southern Africa. *Bothalia* 32 (1): 81–81.
- Hutchinson, J. 1920. *Clematopsis*, a primitive genus of Clematideae. *Kew Bull.* 1920: 12–22.
- Jacobsen, NHG. 2016. A new species of *Crassula* L. (Crassulaceae) from the Eastern Cape Province, South Africa - *Crassula wernerii* N.H.G.Jacobsen sp.nov. *Aloe* 52 (2): 40–42.
- Jacobsen, NHG. 2016. A redescription and delineation of *Crassula nudicaulis* L. *Aloe* 52 (2): 55–59.
- Jacobson, N; Jacobson, P; Van Jaarsveld, EJ; Jacobson, K. 2014. Field evidence from Namibia does not support the designation of Angolan and Namibian subspecies of *Welwitschia mirabilis* Hook. *Trans. Roy. Soc. South Africa* 69 (3): 179–186.
- Jordaan, M; Bredenkamp, CL. 2009. Thymelaeaceae: the true identity of *Synaptolepis kirkii*. *Bothalia* 39 (1): 104–106.

- Jordaan, M; van Wyk, AE. 2015. *Gymnosporia swazica* (Celastraceae), a new species from southern Africa. *Phytotaxa* 192 (4): 296–300.
- Kadereit, G; Freitag, HE. 2011. Molecular phylogeny of *Camphorosmeae* (Camphorosmoideae, Chenopodiaceae): Implications for biogeography, evolution of C4-photosynthesis and taxonomy. *Taxon* 60 (1): 51–78.
- Kativu, S; Bjora, CS. 2016. A new species of *Chlorophytum* (Asparagaceae) from the succulent Karoo biome, Namibia with an updated key for *Chlorophytum* of Namibia. *Pl. Ecol. Evol.* 149 (3): 339–346.
- Klak, C; Bruyns, PV. 2017. *Leipoldtia nevillei* (Aizoaceae: Ruschieae), a new species from Coastal Namaqualand, South Africa. *Haseltonia* 23: 110–116.
- Kobisi, K; Kose, LS; Moteetee, AN. 2017. Two new records of flowering plants from Lesotho. *Bothalia– ABC* 47 (1): 1–5.
- Lara, F; Garilleti, R; Goffinet, B; Draper, I; Medina, R; Vigalondo, B; Mazimpak. 2016. *Lewinskya*, a new genus to accommodate the phaneroporous and monoicous taxa of *Orthotrichum* (Bryophyta, Orthotrichaceae). *Cryptog. Bryol.* 37 (4): 361–382.
- Leeuwenberg, AJM; Van Dilst, FJH. 2001. Series of revisions in Apocynaceae XLIX: *Carissa* L. *Agric. Univ. Wageningen Pap.* 2001.1: 3–109.
- Leuenberger, BE. 2001. *Welwitschia mirabilis* (Welwitschiaceae), male cone characters and a new subspecies. *Willdenowia* 31 (2): 357–381.
- Magee, AR; Clark, VR. 2017. Mzansi's mountain hemlocks: The identities of Hilliard and Burt's *Conium* species 3 and 4 (Apiaceae) and a revised key for the genus in sub-Saharan Africa. *S. African J. Bot.* 108: 243–247.
- Magee, AR; Manning, JC. 2017. *Lasiosiphon esterhuyseniae* (Thymelaeaceae: Thymelaeoideae), a new species from Northern Cape (South Africa), and the transfer of two additional southern African species to the genus. *Kew Bull.* 72 (1): 1–6.
- Manning, JC. 2017. *Chlorophytum asperum* (Agavaceae), a new species from Northern Cape, South Africa. *S. African J. Bot.* 111: 316–318.
- Manning, JC; Deacon, J; Goldblatt, P. 2014. A review of the *Schizobasis* group of *Drimia* Jacq. (Hyacinthaceae: Urgineoideae), and the new species *D. sigmoideae* from Western Cape, South Africa. *S. African J. Bot.* 94: 263–269.
- Manning, JC; Goldblatt, P. 2012. Hyacinthaceae: New combinations in *Ledebouria*. *Bothalia* 42 (1): 47–48.
- Manning, JC; Goldblatt, P. 2013. A taxonomic revision of the dry-fruited species of *Anemone* (Ranunculaceae) in southern Africa. *Bothalia* 43 (1): 1–13.
- Manning, JC; Goldblatt, P; Ebrahim, I. 2016. *Tritoniopsis cinnamomea* (Iridaceae), a new species from the Piketberg, Western Cape, with a key to allied species. *S. African J. Bot.* 102: 127–129.
- Martinez-Azorin, M; Crespo, MB; Dold, AP. 2013. *Trimelopter craibii* (Hyacinthaceae, Ornithogaloideae), a new species from the North West Province of South Africa. *Phytotaxa* 87 (3): 50–60.
- Molteno, S; Smith, GF. 2017. Notes on morphological variation in, and the biogeography of, *Tulista kingiana* Gideon F.Sm & Molteno (Asphodelaceae: Alooideae) from the south-central Western Cape Province of South Africa. *Bradleya* 35: 46–57.
- Molteno, S; Van Jaarsveld, EJ; Smith, GF. 2017. *Astroloba robusta* P.Reinecke ex Molteno, Van Jaarsv. & Gideon F.Sm. (Asphodelaceae: Alooideae), a new species from the Great Karoo, South Africa. *Bradleya* 35: 201–211.
- Molteno, S; Van Jaarsveld, EJ; Smith, GF. 2017. *Astroloba tenax* Molteno, Van Jaarsv. & Gideon F.Sm. (Asphodelaceae: Alooideae), a new species from the Groot Swartberg Mountain, South Africa. *Bradleya* 35: 139–149.
- Moteetee, AN; Boatwright, JS; Jaca, T. 2014. A review of *Rhynchosia* section *Polytropia* (Phaseoleae, Fabaceae) and a new species from the Western Cape Province, South Africa. *Syst. Bot.* 39 (4): 1127–1131.

- Moteetee, AN; Boatwright, JS; Jaca, T. 2014. A review of *Rhynchosia* section *Polytropia* (Phaseoleae, Fabaceae) and a new species from the Western Cape Province, South Africa. *Syst. Bot.* 39 (4): 1127–1131.
- Nkonki, T; Ngwenya, AM; van Wyk, B-E. 2013. A new species of *Lessertia* (Galegeae) from KwaZulu-Natal, South Africa. *Bothalia* 43 (2): 222–225.
- Nordenstam, RB. 2002. A new monotypic genus of the Compositae-Astereae from the Cape Province, South Africa. *Acta Phytotax. Geobot.* 53 (2): 101–105.
- O'Shea, BJ. 2006. Checklist of the mosses of sub-Saharan Africa (version 5, 12/06). *Trop. Bryol. Res. Rep.* 6: 1–252.
- Paiva, JAR; Figueiredo, E; Smith, GF. 2013. *Polygala retiefiana* (Polygalaceae), a new species described from South Africa. *Phytotaxa* 117 (1): 30–34.
- Peckover, RG. 2016. A new species of *Brachystelma* (Asclepiadaceae) from the Waterberg, Limpopo Province, *Brachystelma waterbergensis* Peckover sp.nov. *Aloe* 52 (2): 50–54.
- Peckover, RG. 2016. Two new species of *Pterodiscus* (Pedaliaceae) from southern Africa. *Aloe* 52 (1): 10–14.
- Pillans, NS. 1947. A revision of *Bruniaceae*. *J. S. African Bot.* 13: 121–203.
- Ruiters, AK; Tilney, PM; van Wyk, B-E; Magee, AR. 2016. Taxonomy of the Genus *Phymaspermum* (Asteraceae, Anthemideae). *Syst. Bot.* 41 (2): 430–456.
- Schnabel, DH. 2012. *Euphorbia polygona* var. *hebdomadalis*, a new variety from South Africa. *Euphorbia World* 8 (3): 10–15.
- Schnabel, DH. 2014. Two new varieties in the *Euphorbia polygona* species complex: *Euphorbia polygona* var. *alba* and *Euphorbia polygona* var. *ambigua*. *Euphorbia World* 10 (2): 21–29.
- Schrire, BD. 2000. A synopsis of the genus *Philenoptera* (Leguminisae-Millettieae) from Africa and Madagascar. *Kew Bull.* 55 (1): 81–94.
- Shepherd, KA; Wilson, PG. 2007. Incorporation of the Australian genera *Halosarcia*, *Pachycornia*, *Sclerostegia* and *Tegicornia* into *Tecticornia* (Salicornioideae, Chenopodiaceae). *Austral. Syst. Bot.* 20: 319–331.
- Siebert, SJ; Retief, E; van Wyk, AE. 2013. A new species of *Pavetta* (Rubiaceae) from South Africa. *Novon* 22: 473–477.
- Smith, GF; Figueiredo, E. 2016. A further species of *Furcraea* Vent., *Furcraea selloana* K.Koch (Asparagaceae subfam. Agavoideae / Agavaceae), naturalised in South Africa. *Bradleya* 34: 15–23.
- Smith, GF; Figueiredo, E. 2016. *Austrocylindropuntia vestita* (Salm-Dyck) Backeb. (Cactaceae) recorded from the Little Karoo in South Africa's Western Cape province. *Bradleya* 34: 55–58.
- Smith, GF; Figueiredo, E. 2017. *Kalanchoe fedtschenkoi* Raym.-Hamet & H.Perrier (Crassulaceae) is spreading in South Africa's Klein Karoo. *Bradleya* 35: 80–86.
- Smith, GF; Figueiredo, E. 2017. The taxonomy of *Kalanchoe brachyloba* Welw. ex Britten (Crassulaceae). *Bradleya* 35: 2–14.
- Smith, GF; Figueiredo, E. 2017. The taxonomy of *Kalanchoe longiflora* Schltr. ex J.M.Wood (Crassulaceae), an endemic of South Africa's Maputaland-Pondoland Region of Endemism. *Bradleya* 35: 122–128.
- Smith, GF; Figueiredo, E; Molteno, S. 2017. A new combination in *Tulista*, *T. kingiana* (Asphodeloideae, Xanthorrhoeaceae / Alooideae, Asphodelaceae). *Phytotaxa* 297 (3): 285–286.
- Smith, GF; Figueiredo, E; Molteno, S. 2017. *xAstrolista* Molteno & Figueiredo (Asphodelaceae): a new name for the South African endemic nothogenus *xAstroworthia*. *Bradleya* 35: 195–200.
- Smith, GF; Figueiredo, E; Mort, ME. 2017. Taxonomy of the three arborescent crassulas, *Crassula arborescens* (Mill.) Willd. subsp. *arborescens*, *C. arborescens* subsp. *undulatifolia* Toelken, and *Crassula ovata* (Mill.) Druce (Crassulaceae) from southern Africa. *Bradleya* 35: 87–105.

- Smith, GF; Klopper, RR; Crouch, NR; Figueiredo, E. 2016. Reinstatement of *Aloe candelabrum* A.Berger (Asphodelaceae: Alooideae), a tree-like aloe of KwaZulu-Natal province, South Africa. *Bradleya* 34: 59–69.
- Smith, GF; Van Jaarsveld, EJ. 2017. *Astroloba tenax* var. *moltenoi* Gideon F.Sm. & Van Jaarsv. (Asphodelaceae: Alooideae), a new variety in *Astroloba tenax* Molteno, Van Jaarsv. & Gideon F.Sm. from the south-central Groot Karoo, South Africa. *Bradleya* 35: 238–243.
- Snijman, DA; Manning, JC. 2013. Chenopodiaceae: *Chenolea convallis*, a new species from Western Cape Province, South Africa. *Bothalia* 43 (1): 80–84.
- Stafford, GI; Wikkelse, MJ; Nancke, L; Jager, AK; Moller, M; Ronsted, N. 2016. The first phylogenetic hypothesis for the southern African endemic genus *Tulbaghia* (Amaryllidaceae, Alliioideae) based on plastid and nuclear DNA sequences. *Bot. J. Linn. Soc.* 181: 156–170.
- Steyn, HM; van Wyk, AE. 2015. Taxonomic notes on the *Acanthopsis disperma-hoffmannseggiana* complex (Acanthaceae, tribe Acantheae), with an interim key to members of the genus. *Phytotaxa* 219 (1): 1–26.
- Steyn, HM; van Wyk, AE. 2016. Taxonomic notes on the shrublet species of *Acanthopsis* (Acanthaceae, tribe Acantheae), with two new species from South Africa. *Phytotaxa* 244 (2): 145–160.
- Steyn, HM; van Wyk, AE. 2017. Taxonomic notes on *Acanthopsis* Harv. (Acanthaceae, tribe Acantheae): the group with trifid bracts. *Phytotaxa* 295 (3): 201–217.
- Sukhorukov, AP; Kushunina, M. 2015. Taxonomy and chorology of *Corbichonia* (Lophiocarpaceae s.l.) with further description of a new species from southern Africa. *Phytotaxa* 218 (3): 227–240.
- Swelankomo, N; Manning, JC; Magee, AR. 2016. The genus *Gymnanthemum* Cass. (Asteraceae: Vernonieae) in southern Africa. *S. African J. Bot.* 102: 81–101.
- Swelankomo, N; Manning, JC; Magee, AR. 2016. The genus *Hilliardiella* (Asteraceae: Vernonieae) in southern Africa. *S. African J. Bot.* 106: 41–59.
- Tosh, J; Davis, AP; Dessein, S; De Block, P; Fay, MF; Smets, E; Robbrecht, E. 2009. Phylogeny of *Tricalysia* (Rubiaceae) and its relationships with allied genera based on plastid DNA data: resurrection of the genus *Empogona*. *Ann. Missouri Bot. Gard.* 96 (1): 194–213.
- Van Jaarsveld, EJ. 2017. *Gasteria koenii*, a new *Gasteria* species from the Swartberg, Western-Cape, South Africa. *Haseltonia* 23: 48–52.
- Van Jaarsveld, EJ. 2015. *Astroloba cremnophila* a new cliff dwelling succulent from the Klein Karoo (Western Cape, South Africa). *Bradleya* 33: 171–179.
- Van Jaarsveld, EJ. 2015. *Bulbine spongiosa*, a new cliff-dwelling species (Asphodelaceae) from the Western Cape. *Bradleya* 33: 156–160.
- Van Jaarsveld, EJ. 2015. *Cotyledon gloeophylla*, a new species from the Kouga River, Eastern Cape. *Bradleya* 33: 180–184.
- Van Jaarsveld, EJ. 2015. *Cotyledon petiolaris*, a new cliff-dwelling succulent from the Eastern Cape, South Africa. *Bradleya* 33: 21–26.
- Van Jaarsveld, EJ. 2015. *Delosperma abbottii*. A new cliff dwelling species from the coastal eastern parts of South Africa. *Bradleya* 33: 97–104.
- Van Jaarsveld, EJ. 2015. *Drosanthemum badpoortensis*, a new cliff-dwelling species from Badpoort, Western Cape, South Africa. *Bradleya* 33: 128–135.
- Van Jaarsveld, EJ. 2015. *Kleinia chimanimaniensis*, a new cliff-dwelling succulent species from eastern Zimbabwe and western Mozambique. *Bradleya* 33: 121–127.
- Van Jaarsveld, EJ. 2016. *Albuca buffelspoortensis*, a new cliff-dwelling semi-succulent from the Klein Karoo (Western Cape, South Africa). *Aloe* 52 (1): 15–17.
- Van Jaarsveld, EJ. 2016. *Dracaena transvaalensis* Bak., (Dracaenaceae) the dragon tree of the Limpopo Province, South Africa. *Bradleya* 34: 230–236.
- Van Jaarsveld, EJ. 2016. *Ornithogalum richtersveldensis*, a new cliff-dwelling semi-succulent *Ornithogalum* (Hyacinthaceae) from the Northern Cape (South Africa). *Aloe* 52 (1): 24–27.

- Van Jaarsveld, EJ. 2016. The rediscovery of *Stoeberia utilis* var. *giftbergensis* and its elevation to species level (*Stoeberia giftbergensis*). *Aloe* 52 (1): 4–9.
- Van Jaarsveld, EJ. 2016. *Tinospora fragosa* subsp. *kaokoensis* (Menispermaceae), a new subspecies from the northern Kaokoveld (Namibia). *Aloe* 52 (1): 28–31.
- Van Jaarsveld, EJ. 2016. *Tylecodon florentii*, a new cliff dwelling species from the Kookrivier cliffs, Richtersveld (Northern Cape Province), South Africa. *Bradleya* 34: 237–240.
- Van Jaarsveld, EJ. 2017. *Bulbine dewetii*, a new cliff-dwelling *Bulbine* species (Asphodelaceae) from the Western Cape. *Haseltonia* 23: 53–56.
- Van Jaarsveld, EJ. 2017. *Cotyledon egglii*, a new species from the Barberton region, Mpumalanga, South Africa. *Bradleya* 35: 180–185.
- Van Jaarsveld, EJ. 2017. *Kalanchoe waterbergensis*, a new *Kalanchoe* species from the Waterberg, Limpopo Province, South Africa. *Bradleya* 35: 166–170.
- Van Jaarsveld, EJ. 2017. *Roosia*: a new genus in the Aizoaceae from the Western Cape, South Africa. *Bradleya* 35: 150–158.
- Van Jaarsveld, EJ; Eggli, U. 2016. Correction of a nomenclatural problem in *Cotyledon* (Crassulaceae) and notes on the taxonomy of miscellaneous succulent Hyacinthaceae. *Bradleya* 34: 142–143.
- Van Jaarsveld, EJ; Eggli, U. 2017. Correction of a nomenclatural problem in *Cotyledon*. *Bradleya* 35: 170–170.
- Van Jaarsveld, EJ; Tribble, D. 2017. *Tylecodon celatus*, a new cryptic succulent form Nuwerus, Namaqualand (Western Cape, South Africa). *Bradleya* 35: 171–176.
- Van Jaarsveld, EJ; Visagie, M. 2017. *Esterhuyseniae lucilleae*. *Fl. Pl. Africa* 65: 96–105.
- Van Jaarsveld, EJ; Visagie, M. 2017. *Ruellia kaokoensis*. *Fl. Pl. Africa* 65: 155–158.
- Vollesen, KB. 2015. 126. Acanthaceae (Part 2): 34. *Justicia* L. *Fl. Zambes.* 8 (6): 162–224.
- Wang, WT. 2004. A revision of *Clematis* sect. *Brachiatae* (Ranunculaceae). *Acta Phytotax. Sin.* 42 (4): 289–332.
- Wang, WT. 2004. A revision of *Clematis* sect. *Brachiatae* (Ranunculaceae). *Acta Phytotax. Sin.* 42 (4): 289–332.
- Welman, WG. 1996. Campanulaceae: Transfer of eleven varieties of *Lightfootia* nom. illeg. to *Wahlenbergia*. *Bothalia* 26 (2): 157–157.
- Winter, PJD; Hahn, N. 1999. A new species of *Khadia* N.E.Br. (Mesembryanthemaceae) from the Northern Province of South Africa. *Aloe* 36 (1): 16–19.
- Young, AJ; Rodgerson, C. 2017. A new pubescent variety of *Conophytum* from the southern Richtersveld: *Conophytum flavum* subsp. *novicium* var. *kosiesense*. *Bradleya* 35: 159–165.
- Young, AJ; Rodgerson, C; Hammer, SA; Opel, MR. 2015. *Conophytum bachelorum* and its relatives: The introduction of a new conophytum from Namaqualand, *C. confusum*. *Bradleya* 33: 41–49.
- Young, AJ; Rodgerson, C; Harrower, AD; Hammer, SA. 2015. *Conophytum crateriforme*—a new dumpling from Namaqualand. *Bradleya* 33: 52–57.