

South African National Plant Checklist

Report on additions and updates made to the South African National Plant Checklist during the period 1/2021–12/2021

Content

Names added.....	2
Taxonomic status change: accepted names that became synonyms	24
Taxonomic status change: synonyms that became accepted names	41
Publications incorporated	43

Report compiled
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Foundational Research & Services Directorate
Foundational Biodiversity Sciences Division
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Names added

* = naturalised alien taxa

AIZOACEAE

DROSANTHEMUM SCHWANTES

Drosanthemum decumbens (L.Bolus) Van Jaarsv., *Haseltonia* 24: 3 (2018); Type: South Africa, Western Cape: Hex River Mountains, Milner Peak, Jan 1959, E. Esterhuysen 28082 (BOL)

Drosanthemum exspersum (N.E.Br.) Schwantes var. *decumbens* L.Bolus, *J. S. African Bot.* 25: 260 (1959) = *Drosanthemum decumbens* (L.Bolus) Van Jaarsv., *Haseltonia* 24: 3 (2018), Type: South Africa, Western Cape: Hex River Mountains, Milner Peak, Jan 1959, E. Esterhuysen 28082 (BOL)

Drosanthemum overbergense Klak, *Phytotaxa* 459(2): 148 (2020)

EREPSIA N.E.BR.

Erepsia muirii L.Bolus, *Notes Mesembryanthemum* [H.M.L. Bolus] 1: 146 (1928) = *Erepsia aspera* (Haw.) L.Bolus, *Fl. Pl. South Africa* 7: sub t. 254 (1927)

MESEMBRYANTHEMUM L.

Mesembryanthemum hirtum N.E.Br., *Gard. Chron. n.s.*, 10: 139 (1878) = *Delosperma hirtum* (N.E.Br.) Schwantes, *Gartenflora* 77: 69 (1928)

RHINEPHYLLUM N.E.BR.

Rhinephyllum verdoorniae (N.E.Br.) H.E.K.Hartmann, *Ill. Handb. Succ. Pl. Aizoaceae*, ed. 2 2: 1049 (2017); Type: I. Verdoorn 1192 (K, holo.)

AMARANTHACEAE

BLITUM L.

**Blitum virgatum* L., *Sp. Pl.* 1: 4 (1753); Lectotype (designated by Jafri & Rateeb in Jafri & El-Gadi, *Fl. Libya* 58: 11. 1978): Herb Linn. 14.2 (LINN).

**Blitum virgatum* L. subsp. *virgatum*, This autonym derives from subsp. *montanum* (Uotila) S.Fuentes, Uotila & Borsch (2012); basionym (in *Chenopodium*) from 1993.

CHENOPODIASTRUM S.FUENTES, UOTILA & BORSCH

**Chenopodium murale* (L.) S.Fuentes, Uotila & Borsch, *Willdenowia* 42(1): 14 (2012); Type: Herb. Linn. 313.6 (LINN, lecto.). Lectotype designated by Brenan, *Flora of Tropical East Africa, Chenopodiaceae*: 7 (1954).

DYSPHANIA R.BR.

Dysphania pseudomultiflora (Murray) Verloove & Lambinon, *Syst. & Geogr. Pl.* 76(2): 219 (2006)
Dysphania schraderiana (Schult.) Mosyakin & Clemants, *Ukrayins'k. Bot. Zhurn.* 59(4): 383 (2002)

OXYBASIS KAR. & KIR.

**Oxybasis chenopodioides* (L.) S.Fuentes, Uotila & Borsch, *Willdenowia* 42(1): 15 (2012); Type: [Russia, Daghestan] in fossis Kislar, C. Steven (H 1037202, neo.). Neotype designated by Uotila, *Annales Botanici Fennici* 38: 96 (2001).

TRICHINIUM MOQ.

Trichinium zeyheri Moq., Prodr. [A. P. de Candolle] 13(2): 296 (1849) = *Cyphocarpa angustifolia* (Moq.) Lopr., Bot. Jahrb. Syst. 27(1-2): 45 (1899)

AMARYLLIDACEAE

HESSEA HERB.

Hessea pallida Snijman, S. African J. Bot 146: 66 (2022); Type: South Africa. Western Cape, Lepelfontein: Namaqualand, W of Bitterfontein, Farm Louisfontein 444, near De Toren, 26 May 2010, Snijman 2357 (NBG, holo.; PRE, K, iso.)

STRUMARIA JACQ. EX WILLD.

Strumaria argillicola G.D.Duncan, Bot. Mag. (Kew Mag.) 37(1): 23 (2020); Type: South Africa, Northern Cape, Springbok, north-west of Bulletrap, 29 July 2008, G.C. Summerfield s.n. (holo., NBG)

Strumaria crystallina Snijman, S. African J. Bot 146: 68 (2022); Type: South Africa. Northern Cape, Springbok: Namaqualand, Skaaprivier, flowering ex hort. 6 April 2009, D. Gildenhuys s.n. (NBG, holo.; PRE, iso.)

APOCYNACEAE

ANISOTOMA FENZL

Anisotoma natalensis (Schltr.) Meve, Heiduk & Liede, Syst. Biodivers. 15(2): 149 (2016); Type: South Africa, KwaZulu-Natal, Inanda, M. Wood 176 (B†; NH, lecto.; PRE, photo.)

BRACHYSTEMMA R.BR. EX SIMS

Brachystelma caffrum Schltr., Bot. Jahrb. Syst. 21(5, Beibl. 54): 14 (1896), nom.illegit., non N.E.Br. (1894); Type: South Africa, near Komgha, December 1892, Flanagan 1365 (BOL, NH, PRE, SAM) = *Ceropegia meyeriana* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017), as 'meyerana', Type: South Africa, Eastern Cape, near Komgha, Dec. 1892, Flanagan 1365 (BOL, lecto.; NH, PRE, SAM, isolecto.). Lectotype designated by Bruyns et al, South African Journal of Botany 112: 434 (2017).

Brachystelma cinereum (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 862 (1908) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)

Brachystelma commixum N.E.Br., Fl. Cap. (Harvey) 4(1,5): 858 (1908); Type: South Africa, Eastern Cape, Aliwal North, foot of Witteberg, Drege 3440 partly (K, holo.) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)

Brachystelma filiforme Harv., Thes. Cap. 1: 58, t.93 (1859); Syntypes: South Africa, Eastern Cape, Uitenhage, Zeyher 3383 (TCD); Cradock, Barber 2;88 (TCD) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)

Brachystelma ovatum Oliv., Refug. Bot. [Saunders] 4(1): t. 226 (1870), as 'ovata'; Type: South Africa, Northern Cape, ? Colesberg, Arnot s.n. (K, holo.) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)

- Brachystelma spathulatum* Lindl., Bot. Reg. 13: t. 1113 (1827) = *Ceropegia spathulata* (Lindl.) Bruyns, S. African J. Bot. 112: 435 (2017), Type: Bot Reg. 13: t. 1113 (1827) (lecto.).
Lectotype designated by Bruyns et al., South African Journal of Botany 112: 435 (2017).
- Brachystelma tuberosum* E.Mey., Comm. Pl. Afr. Austr.: 196 (1838), nom.illegit., non R.Br. (1822); Type: South Africa, Cape, Katberg, between Kat River and Klipplaat River, Drege 3439 (K000305659, K) = *Ceropegia meyeriana* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017), as 'meyerana', Type: South Africa, Eastern Cape, near Komgha, Dec. 1892, Flanagan 1365 (BOL, lecto.; NH, PRE, SAM, isolecto.). Lectotype designated by Bruyns et al, South African Journal of Botany 112: 434 (2017).
- Brachystelma undulatum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 859 (1908) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)

BRACHYSTEMARIA SCHLTR.

- Brachystelmaria ramosissima* Schltr., Bot. Jahrb. Syst. 20(5, Beibl. 51): 50 (1895) = *Ceropegia ramosissima* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, North West, near Potchefstroom at Mooifontein, Schlechter 3554 (B, holo.†; BOL, lecto.; GRA)

CEROPEGIA L.

- Ceropegia angustata* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma angustum* Peckover
- Ceropegia aquamontana* Peckover, CactusWorld 39(1): 62 (2021); Type: South Africa, Limpopo province, Waterberg region, Klein Elandsfontein, February 2006, Peckover 292 (PRU, holo.)
- Ceropegia arnotii* (Baker) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Northern Cape, Colesberg, Arnot (K, holo.)
- Ceropegia australis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, Pondoland, Lupatane waterfall, Leistner 3504 (PRE, holo.)
- Ceropegia barberae* (Harv. ex Hook.f.) Bruyns, S. African J. Bot. 112: 433 (2017); Iconotype: Transkei, valleys of Tsomo River; original painting by Mrs Barber (K)
- Ceropegia breviflora* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Transvaal, Mooifontein near Heidelberg, Schlechter 3568 (missing). South Africa, Natal, Vernon Crooke's Reserve, 10 January 1991, P.V. Bruyns 4426 (BOL, neo; PRE, isoneo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Ceropegia breviflora* (Schltr.) Bruyns subsp. *breviflora*
- Ceropegia breviflora* (Schltr.) Bruyns subsp. *flavida* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Natal, Fairfield, Alexandra-County, 9 Aug. 1909, Rudatis 459 (NBG, neo.; PRE, isoneo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Ceropegia brevipedicellata* (Turrill) Bruyns, S. African J. Bot. 112: 433 (2017); Type: Ex Pretoria, no further information (K, holo.)
- Ceropegia bruceae* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Mpumalanga, Kaapsehoop Mt., Nov. 1949, L.E. Codd 5756 (PRE, holo.)
- Ceropegia bruceae* (R.A.Dyer) Bruyns subsp. *bruceae*
- Ceropegia bruceae* (R.A.Dyer) Bruyns subsp. *hirsuta* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Mpumalanga, Barberton, on rocky ridges, Stirton 1841 (PRE, holo.)
- Ceropegia burchelliana* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Macropetalum burchellii* Decne.

- Ceropegia caffra* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, King William's Town, Mt Kemp, Sim 315 (K, lecto.; PRE, BOL, NU, isolecto.)
- Ceropegia campanuliformis* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma campanulatum* N.E.Br.; Type: South Africa, Eastern Cape, Linch's Post near Bathurst, Bowie (BM, holo.)
- Ceropegia cana* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, North West, NE of Setlagoli, Acocks 18774 (PRE, holo.)
- Ceropegia cathcartensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, near Cathcart, P.F. du Toit in PRE 31309 (PRE, holo.; GRA, iso.)
- Ceropegia chlorantha* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, near Pretoria, 8 Jan. 1894, Schlechter 4152 (BOL, lecto.; Z, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Ceropegia chlorozona* (E.A.Bruce) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Mpumalanga, Barberton, Thorncroft s.n. (K, holo.)
- Ceropegia christianeae* (Peckover) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, KwaZulu-Natal, Nkandla, R.G. Peckover 141 (PRE, holo.)
- Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Ceropegia coddii* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: Swaziland, Piggs Peak, Codd 7826 (PRE, holo.)
- Ceropegia collaricorona* Werderm. subsp. *collaricorona*
- Ceropegia cummingii* (A.P.Dold) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, Kleinpoort, 27-01-2001, A.P. Dold 4368 (GRA, holo.)
- Ceropegia cupulata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: Namibia, Aha Mts, Jan. 1958, Story 6400 (PRE, holo.)
- Ceropegia decipientiflora* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma decipiens* N.E.Br.; Type: South Africa, Eastern Cape, near Grahamstown, Bolton s.n. (K, holo.)
- Ceropegia delicata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Eastern Cape, Trappes Valley near Grahamstown, Hardy 2198 (PRE, holo.)
- Ceropegia differens* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma dimorphum* R.A.Dyer; Type: South Africa, Northern Cape, NW of Kimberley, O. Leistner 2935 (PRE, holo.)
- Ceropegia differens* Bruyns subsp. *differens*
- Ceropegia differens* Bruyns subsp. *grata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Orange Free State, Welkom, near airport, Rawlinson in PRE 57440 (PRE, holo.)
- Ceropegia discoidea* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Gauteng, north of Pretoria at Salt Pan, Hardy 2440 (PRE, holo.)
- Ceropegia duplicata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Free State, near Fauresmith, Van Zyl 1025 (PRE, holo.)
- Ceropegia dyeri* (K.Balkwill & M.Balkwill) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Mpumalanga, Barberton, above Agnes mine, between Cythna Letty and Thornybush Nature Reserves, Balkwill & Cadman 3393 (NU, holo.; E, J, PRE, iso.)
- Ceropegia elongata* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Somerset East div., Boschberg, 10 May 1893, Schlechter 2699 (missing). South Africa, Cape, Springs Nature Reserve, A. Dold 4365 (GRA, neo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).
- Ceropegia filifolia* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017); Type: South Africa, Komatipoort, 14 Dec. 1897, Schlechter 11733 (BR, lecto.; BM, BOL, E, GRA, K, Z, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).

- Ceropegia foetidissima* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma foetidum* Schltr.; nom.illegit.superfl. = *Ceropegia rehmannii* (Schltr.) Bruyns, S. African J. Bot. 116: 141 (2018), Type: South Africa, Transvaal, Houtbosch, Rehmann 5877 (B†, holo.)
- Ceropegia franksiae* (N.E.Br.) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, KwaZulu-Natal, Camperdown, Franks sub Wood 11721 (NH, holo.; NU, PRE)
- Ceropegia franksiae* (N.E.Br.) Bruyns subsp. *franksiae*
- Ceropegia franksiae* (N.E.Br.) Bruyns subsp. *grandiflora* (A.P.Dold & Bruyns) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, Eastern Cape, Igoda Mouth, 09/11/2000, A.P. Dold 4425 (GRA, holo.; BOL, iso.)
- Ceropegia gemmea* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Limpopo, near Phalaborwa, Lancaster 199 (PRE, holo.)
- Ceropegia gerrardii* (Harv.) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, KwaZulu-Natal, Vryheid district, Enyati (Emyati) Mountain, Gerrard 1318 (TCD, holo.)
- Ceropegia glenensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Free State, Glen, north of Bloemfontein, J.W. Mostert 219 (PRE, holo.)
- Ceropegia gracilior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma gracile* E.A.Bruce; Type: Zimbabwe, near Plumtree, Porter in PRE 27227 (PRE, holo.)
- Ceropegia gracillima* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, North West, near Marico, Louw 811 (PRE, holo.)
- Ceropegia heidukiae* D.Styles & Meve, Phytotaxa 497(1): 21 (2021); Type: South Africa, KwaZulu-Natal, Ngome, 06 December 2019, D.G.A. Styles & A. Heiduk 5884 (NU0090688, holo.; BRNH, iso.)
- Ceropegia hirtella* (Weim.) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Limpopo, near Naboomspruit, Galpin 11573 (PRE, holo.)
- Ceropegia huttonii* (Harv.) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Eastern Cape, near Grahamstown at Botha's Hill, Hutton 3 (TCD, holo.; K)
- Ceropegia incana* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, North West, SW of Lichtenburg, Acocks 12476 (PRE, holo.)
- Ceropegia inconspicuior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma inconspicuuum* S.Venter; Type: South Africa, Limpopo, Melkriver, Farm Kliphhoek 636 LR, S. Venter 11183 (? , holo.)
- Ceropegia kerzneri* (Peckover) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Eastern Cape, Port Edward, R.G. Peckover 1722 (PRE, holo.)
- Ceropegia longifoliata* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Brachystelmaria longifolia* Schltr.; Type: South Africa, Mpumalanga, Elandspruit Mountains, Schlechter 3873 (B†; BOL, lecto.)
- Ceropegia luteiflora* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma luteum* Peckover; Type: South Africa, Eastern Cape, Salem, R.G. Peckover 157 (GMT, holo.)
- Ceropegia macropetala* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, Mpumalanga, on Elandspruit mountains, Schlechter 3869 (B†; BOL, lecto.)
- Ceropegia meyeriana* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017), as 'meyerana'; Type: South Africa, Eastern Cape, near Komgha, Dec. 1892, Flanagan 1365 (BOL, lecto.; NH, PRE, SAM, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Ceropegia micriflora* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma micranthum* E.Mey.; Type: South Africa, Eastern Cape, Queenstown distr., near Shiloh, Drege s.n. (K, lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Ceropegia minima* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Eastern Cape, south of Grahamstown, overlooking Bushman's River valley, M.B. Bayer 341 (NBG, holo.; PRE)

- Ceropegia minor* (E.A.Bruce) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Limpopo, Pietersburg district, on The Downs, Murray in PRE 28365 (PRE, holo.)
- Ceropegia modestantha* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma modestum* R.A.Dyer; Type: South Africa, KwaZulu-Natal, Nkandla, Codd 6984 (PRE, holo.)
- Ceropegia molaventi* (Peckover & A.E.van Wyk) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, KwaZulu-Natal, Weza State Forest, Ngele Nature Reserve, near Kwa-Shwili Hut on the Ngele Hiking Trail, 21/11/1994, A.E. van Wyk 12483 (PRU, holo.; NH, iso.)
- Ceropegia montiphila* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma montanum* R.A.Dyer; Type: South Africa, Eastern Cape, on Andriesberg near Queenstown, Dec. 1921, Galpin 6278 (PRE, holo.; K)
- Ceropegia nanior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma nanum* (Schltr.) N.E.Br.; Type: South Africa, Free State, Renosterkop near Vaal River, Jan., Zeyher 509 (CAL, lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Ceropegia neocompta* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Brachystelma comptum* N.E.Br.; Type: South Africa, Eastern Cape, near Uitenhage, on hills overlooking Swartkops River, Zeyher 9 (K, holo.)
- Ceropegia ngomensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, KwaZulu-Natal, near Ngome, Hilliard & Burt 8441 (PRE, holo.; NU)
- Ceropegia occidens* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma occidentale* Schltr.; Type: South Africa, Cape Peninsula near Smitswinkel Bay, 17 Apr. 1892, Schlechter 666 (K, lecto.; BOL, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Ceropegia oiantha* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Transvaal, west of Potchefstroom towards Modderfontein, 16 Jan. 1947, Louw 1545 (PRE, neo.). Neotype designated by Bruyns, South African Journal of Botany 112: 434 (2017).
- Ceropegia pachypodium* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, Limpopo, The Downs, Codd 9456 (PRE, holo.; K, iso.)
- Ceropegia parvior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma parvulum* R.A.Dyer; Type: South Africa, Limpopo, summit of Transvaal Drakensberg, above Strijdom Tunnel, D.S. Hardy 4090 (PRE, holo.)
- Ceropegia perdita* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017); Type: South Africa, KwaZulu-Natal, Nyiginye (Niginya) north of Ntabamh-lope in Drakensberg, Wylie sub Medley Wood 11229 (NH 12260) (NH, holo.)
- Ceropegia petrophila* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma petraeum* R.A.Dyer; Type: South Africa, KwaZulu-Natal, Byrne Valley Escarpment, Hilliard 5601 (PRE, holo.; NU, iso.)
- Ceropegia praelonga* (S.Moore) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Free State, Kroonstad area near Vredefort Road, Barrett-Hamilton s.n. (BM, holo.)
- Ceropegia pulchellior* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma pulchellum* (Harv.) Schltr.; Type: South Africa, KwaZulu-Natal, Sanderson 342 (TCD, holo.)
- Ceropegia ramosissima* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017); Type: South Africa, North West, near Potchefstroom at Mooifontein, Schlechter 3554 (B†, holo.; BOL, lecto.; GRA)
- Ceropegia rehmannii* (Schltr.) Bruyns, S. African J. Bot. 116: 141 (2018); Type: South Africa, Transvaal, Houtbosch, Rehmann 5877 (B†, holo.)
- Ceropegia remota* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, KwaZulu-Natal, near Utrecht on Naauwhoek Plateau, Oct. 1962, Devenish 914 (PRE, holo.)
- Ceropegia rubella* (E.Mey.) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Uitenhage div., Addo, 1837, Drège 2227 (K000305406, lecto.; K, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 435 (2017).

- Ceropegia sandersoniana* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Lasiostelma sandersonii* Oliv.; Type: South Africa, KwaZulu-Natal, Sanderson 436 (partly) (K, lecto.; NH, isolecto.)
- Ceropegia schizoglossoides* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017); Types: South Africa, Eastern Cape, near Grahamstown, Glass s.n. (B†); Bolus 6694 (B†; K, lecto.; BOL)
- Ceropegia schoenlandiana* (Schltr.) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, dry hills near Uitenhage, 17 April 1893, Schlechter 2585 (missing)
- Ceropegia setosa* (Peckover) Bruyns, S. African J. Bot. 112: 435 (2017)
- Ceropegia spathulata* (Lindl.) Bruyns, S. African J. Bot. 112: 435 (2017); Type: Bot Reg. 13: t. 1113 (1827) (lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 435 (2017).
- Ceropegia stellata* (E.A.Bruce & R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Mpumalanga, Lydenburg, Codd 5648 (PRE, holo.)
- Ceropegia stenifolia* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma stenophyllum* (Schltr.) R.A.Dyer; Type: Namibia, near Grootfontein, Dinter 2361 (B†, holo.; SAM, lecto.)
- Ceropegia swazica* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017); Type: Swaziland, above Mbabane, Bayliss 3733 (PRE, holo.)
- Ceropegia tabularia* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Eastern Cape, near Port Elizabeth, Paterson s.n. (BOL, holo.)
- Ceropegia tenella* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, KwaZulu-Natal, near Port Shepstone on Gibraltar Farm, Oribi Flats, Strey 10050 (PRE, holo.; NH, iso.)
- Ceropegia tenuior* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma tenue* R.A.Dyer; Type: South Africa, KwaZulu-Natal, Zululand, Ubombo district, near Lala Nek, Vahrmeijer 1049 (PRE, holo.)
- Ceropegia theronii* (Bruyns) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Northern Cape, Fraserburg distr., Tafelberg, 2/11/1991, P.V. Bruyns & A.S. Theron 4839 (BOL, holo.)
- Ceropegia thunbergii* (N.E.Br.) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Western Cape, Malmesbury, Thunberg s.n., Herb. No. 6295 (UPS, holo.; PRE, photo.)
- Ceropegia vahrmeijeri* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 435 (2017) = ***Ceropegia cupulata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: Namibia, Aha Mts, Jan. 1958, Story 6400 (PRE, holo.)**
- Ceropegia villosa* (Schltr.) Bruyns, S. African J. Bot. 112: 435 (2017); Type: South Africa, Mpumalanga, Barberton, Galpin 588 (B†, holo.; PRE, lecto.)
- Ceropegia waterbergensis* (Peckover) Bruyns, S. African J. Bot. 116: 141 (2018); Type: South Africa, Limpopo, Modimolle, Klein Elandsfontein, 23/12/201, R. Peckover 229 (PRU, holo.)

DICHAELIA HARV.

- Dichaelia brachylepis* Schltr., Bot. Jahrb. Syst. 38(1): 42 (1905); Type: South Africa, Gauteng, Modderfontein, Schlechter 3556 (B, holo.) = ***Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)**
- Dichaelia cinerea* Schltr., Bot. Jahrb. Syst. 38(1): 42 (1905); Type: South Africa, Northern Cape, Little Namaqualand, Drege 11505 (B†) = ***Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)**
- Dichaelia distincta* (N.E.Br.) Schltr., Bot. Jahrb. Syst. 51(1): 145 (1913) = ***Ceropegia elongata* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Somerset East div., Boschberg, 10 May 1893, Schlechter 2699 (missing). South Africa, Cape, Springs Nature Reserve, A. Dold 4365 (GRA, neo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).**

- Dichaelia filiformis* (Harv.) Schltr., J. Bot. 35: 293 (1897) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Dichaelia macra* Schltr., Bot. Jahrb. Syst. 38(1): 43 (1905); Type: South Africa, Western Cape, Murraysburg, W. Tyson s.n. (B, holo.) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Dichaelia microphylla* S.Moore, J. Bot. 41: 312 (1903); Type: South Africa, Gauteng, Johannesburg, Rand 967 (BM, holo.) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Dichaelia ovata* (Oliv.) Schltr., J. Bot. 35: 293 (1897) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Dichaelia undulata* Schltr., Bot. Jahrb. Syst. 18(4, Beibl. 45): 36 (1894); Type: South Africa, Eastern Cape, Uitenhage, Schlechter 2709 (B†) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Dichaelia villosa* Schltr., Bot. Jahrb. Syst. 18(4, Beibl. 45): 25 (1894) = *Ceropegia villosa* (Schltr.) Bruyns, S. African J. Bot. 112: 435 (2017), Type: South Africa, Mpumalanga, Barberton, Galpin 588 (B†, holo.; PRE, lecto.)

LASIOSTELMA BENTH.

- Lasiostelma sandersonii* Oliv., Hooker's Icon. Pl. 15: 39, t. 1449 (1883) = *Ceropegia sandersoniana* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Lasiostelma sandersonii* Oliv., Type: South Africa, KwaZulu-Natal, Sanderson 436 (partly) (K, lecto.; NH, isolecto.)

MACROPETALUM BURCH. EX DECNE.

- Macropetalum filifolium* Schltr., Bot. Jahrb. Syst. 38(1): 36 (1905) = *Ceropegia filifolia* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Komatipoort, 14 Dec. 1897, Schlechter 11733 (BR, lecto.; BM, BOL, E, GRA, K, Z, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).

MICRASTER HARV.

- Micraster pulchellus* Harv., Gen. S. Afr. Pl. ed. 2, 242 (1868) = *Ceropegia pulchellior* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma pulchellum* (Harv.) Schltr., Type: South Africa, KwaZulu-Natal, Sanderson 342 (TCD, holo.)

SIPHONOSTELMA SCHLTR.

- Siphonostelma stenophyllum* Schltr., Bot. Jahrb. Syst. 51(1): 148 (1913) = *Ceropegia stenifolia* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma stenophyllum* (Schltr.) R.A.Dyer, Type: Namibia, near Grootfontein, Dinter 2361 (B†, holo.; SAM, lecto.)

STAPELIA L.

- Stapelia caudata* Thunb., Prodr. Pl. Cap. 1: 46 (1794); Type: South Africa, Cape, Thunberg s.n., Herb. No. 6326 (UPS, holo.; PRE, photo.) = *Ceropegia spathulata* (Lindl.) Bruyns, S. African J. Bot. 112: 435 (2017), Type: Bot Reg. 13: t. 1113 (1827) (lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 435 (2017).

Stapelia tuberosa Meerb., Pl. Rar. Depict.: sub t. 54. f. 1 (1789); Iconotype: Meerburg, Pl. Rar. t.54, fig. 1 (1789) = *Ceropegia spathulata* (Lindl.) Bruyns, S. African J. Bot. 112: 435 (2017), Type: Bot Reg. 13: t. 1113 (1827) (lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 435 (2017).

TAPEINOSTELMA SCHLTR.

Tapeinostelma caffrum Schltr., Verh. Bot. Vereins Prov. Brandenburg 35: 54 (1893) = *Ceropegia caffra* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, King William's Town, Mt Kemp, Sim 315 (K, lecto.; PRE, BOL, NU, isolecto.)

ASPHODELACEAE

ALOE L.

Aloe davyana Schonland var. *davyana*

ASTERACEAE

BIDENS L.

**Bidens frondosa* L., Sp. Pl. 2: 832 (1753); Type: (HERB. LINN. NO. 975.6, lecto.)

CARDUUS L.

**Carduus pycnocephalus* L., Sp. Pl. ed. 2, 2: 1151 (1763)

LASIOPUS CASS.

Lasiopus viridifolius DC., Prodr. [A. P. de Candolle] 7(1): 19 (1838) = *Gerbera viridifolia* (DC.) Sch.Bip., Flora 27(2): 740 (1844), Type: South Africa, Eastern Cape Province: Kieskamma & Buffelrivier, Drège 5110 (G-DC, lecto.). Lectotype designated by Hansen in Opera Bot. 78: 24 (1985).

MARASMODES DC.

Marasmodes crewiana Magee & Ebrahim, S. Afr. J. Bot. 111: 374 (2017); Type: South Africa. Western Cape: Spes Bona Farm, between the Brandvlei and Draaivlei dams near Worcester, 30 Apr 2013, A.R. Magee & I. Ebrahim 1017 (NBG, holo.; BOL, K, PRE, NBG, S, iso.)

Marasmodes oppositifolia Magee & R.Koopman, S. Afr. J. Bot. 111: 381 (2017); Type: South Africa. Western Cape, Worcester: Romansrivier Nature Reserve, 9 Jul 2012, A.R. Magee & R. Koopman 499 (NBG, holo.; BOL, K, PRE, NBG, S, iso.)

OTHONNA L.

Othonna cerarioides Magoswana & J.C.Manning, Nordic J. Bot. 38(3)-e02588: 2 (2020); Type: South Africa, Northern Cape, Springbok: Brandberg, near O'kiep, 13 May 1978, Hugo 1214 (NBG, holo.; PRE, iso.)

Othonna koos-bekkeri Van Jaarsv., Bradleya 38: 225 (2020); Type: South Africa, Northern Cape: Tafelkop near Kosies (Steinkopf, Richtersveld), Van Jaarsveld & Combrink 27729 (NBG, holo.) = *Othonna cerarioides* Magoswana & J.C.Manning, Nordic J. Bot. 38(3)-e02588: 2 (2020), Type: South Africa, Northern Cape, Springbok: Brandberg, near O'kiep, 13 May 1978, Hugo 1214 (NBG, holo.; PRE, iso.)

SENECIO L.

Senecio elegans L. var. *diffusus* Ewart, Fl. Victoria: (1931) = *Senecio elegans* L., Sp. Pl. 2: 869 (1753)

Senecio elegans L. var. *erectus* Ewart, Fl. Victoria: (1931) = *Senecio elegans* L., Sp. Pl. 2: 869 (1753)

SYMPHYOTRICHUM NEES

**Symphiotrichum subulatum* (Michx.) G.L.Nesom, Phytologia 77(3): 293 (1995)

BRACHYTHECIACEAE

BRACHYTHECIUM SCHIMP.

Brachythecium lepturum (Taylor) A.Jaeger, Ber. Thätigk. St. Gallischen Naturwiss. Ges. 1876–77: 329 (1878) = *Ischyrodon lepturus* (Taylor) Schelpe, Contr. Bolus Herb. 2: 49 (1970)

BRASSICACEAE

HELIOPHILA L.

Heliophila agtertuinensis (O.E.Schulz) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila arenaria Sond. subsp. *acocksii* (Marais) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila arenaria Sond. subsp. *arenaria*, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila astyla Al-Shehbaz, Phytotaxa 434(1): 66 (2020); Type: South Africa, Western Cape, West Coast, Cederberg. Clanwilliam, 4 July 1896, F.R.R. Schlechter 8018 (G-00160865, holo.; E-00199749, P-00739554 [excluding plants on top left and bottom right], Z-000089927, iso.)

Heliophila biseriata Al-Shehbaz, Phytotaxa 434(1): 68 (2020); Type: South Africa, Northern Cape, Namakwa, Hantam, S by W of Brandvlei, 22 June 1948, J.P.H. Acocks 14421 (PRE, holo.)

Heliophila clarkii Al-Shehbaz, Phytotaxa 434(1): 70 (2020); Type: South Africa, Northern Cape, Namakwa, Karoo Hoogland, Sutherland District, Swaarweeberg, Roggeveld, Farm Geelhoek 103, 12 Sep. 2008, V.R. Clark & R. O'Connor 75 (MO-6334883, holo.; GRA, iso.)

Heliophila crassistyla Al-Shehbaz, Phytotaxa 434(1): 72 (2020); Type: South Africa, Western Cape, Overberg District, Swellendam, “Frans Rietfontein”, near Cape Infanta, 28 Sep. 1959, E. Esterhuysen 28312 (MO-2834439, holo.; E-00199735, M-0152319, PRE-0409988, iso.)

Heliophila diffusa (Thunb.) DC. subsp. *diffusa*, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila diffusa (Thunb.) DC. subsp. *flacca* (Sond.) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila elata Sond. subsp. *elata*

Heliophila elata Sond. subsp. *pillansii* (Marais) Al-Shehbaz, Harvard Pap. Bot. 25(1): 3 (2020)

Heliophila glabrescens (O.E.Schulz) Al-Shehbaz, Harvard Pap. Bot. 25(1): 3 (2020)

Heliophila goldblattii Al-Shehbaz, Phytotaxa 434(1): 74 (2020); Type: South Africa, Northern Cape, Nama Khoi, Springbok, Wildeperdehoek Pass, along Buffels R., 9 Sep. 1980, Peter Goldblatt 5759 (MO-2791311, holo.; B-100299449, C, M-0152335, iso.)

Heliophila minor (Marais) Al-Shehbaz

Heliophila namaquana Bolus subsp. *namaquana*

Heliophila namaquana Bolus subsp. *sarcostyla* (Schltr.) Al-Shehbaz

- Heliophila pseudoeximia* Al-Shehbaz, Phytotaxa 434(1): 79 (2020); Type: South Africa, Northern Cape, Namakwa, Richtersveld, Rosyntjiesberg, neck N of Lelieshoek, 30 Aug. 1977, Oliver, Tölken & Venter 301 (PRE-650231, holo.; K, iso.)
- Heliophila pusilla* L.f. subsp. *macrosperma* (Marais) Al-Shehbaz
- Heliophila pusilla* L.f. subsp. *pusilla*
- Heliophila roggeveldensis* Al-Shehbaz, Phytotaxa 434(1): 81 (2020); Type: South Africa, Northern Cape, Namakwa, Karoo Hoogland, Farm Elandsfontein 47, Sutherland District, Roggeveld, 8 Oct. 2008, V.R. Clark & G. Coombs 805 (MO-6334880, holo.; GRA, iso.)
- Heliophila scabrida* Schltr. subsp. *salteri* (Exell) Al-Shehbaz
- Heliophila scabrida* Schltr. subsp. *scabrida*
- Heliophila seselifolia* Schltr. subsp. *nigellifolia* (Schltr.) Al-Shehbaz
- Heliophila seselifolia* Schltr. subsp. *seselifolia*
- Heliophila subulata* Burch. ex DC. subsp. *longipila* Al-Shehbaz, Harvard Pap. Bot. 25(1): 1 (2020); Type: South Africa, Western Cape: Overberg District, Theewaterskloof Municipality, Swartberg, Caledon, 30 September 1980, E. Esterhuysen 35515 (MO, holo.; BOL, M, iso.)
- Heliophila subulata* Burch. ex DC. subsp. *subulata*, Harvard Pap. Bot. 25(1): 1 (2020)
- Heliophila vlokii* Al-Shehbaz, Phytotaxa 434(1): 83 (2020), as 'volkii'; Type: South Africa, Western Cape, Central Karoo District, Prince Albert, Droekloof Mts., 28 Aug. 1988, J.H.J. Volk s.n. (BOL-109380, holo.; MO-3760135, iso.)
- Heliophila xylopoda* Al-Shehbaz, Phytotaxa 434(1): 85 (2020); Type: South Africa, Western Cape, Central Karoo District, Laingsburg, Witteberg, 7 Aug. 1976, Peter Goldblatt 3788 (MO-2420820, holo.)

CACTACEAE

OPUNTIA MILL.

- **Opuntia megapotamica* Arechav., Anales Mus. Nac. Montevideo ser. 2, 1: 42 (1905); Type: Fl. Uruguay 2: 275, t. 32 (1905)

SELENICEREUS (A.BERGER) BRITTON & ROSE

- **Selenicereus undatus* Haw. & D.R.Hunt, Cactaceae Syst. Init. 36: 35 (2017)

TEPHROCACTUS LEM.

- **Tephrocactus verschaffeltii* (F.A.C.Weber) D.R.Hunt & Ritz, Cactaceae Syst. Init. 25: 27 (2011)

COLCHICACEAE

BULBOCODIUM L.

- Bulbocodium pudicum* (Sol. ex Ker Gawl.) Kuntze, Revis. Gen. Pl. 2: 700 (1891) = *Romulea pudica* (Sol. ex Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, illustration in Ker Gawl. in Curtis's Botanical Magazine 31: t. 1244 (1810) (lecto.). Lectotype designated by Manning et al., Bothalia 41(2): 274 (2011).
- Bulbocodium speciosum* (Ker Gawl.) Kuntze, Revis. Gen. Pl. 2: 700 (1891) = *Romulea speciosa* (Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, possibly collected by J. Niven, illustration in Andrews (1801), The Botanist's Repository 3: t. 170 'Ixia bulbocodium var. flore speciosissimo' (1801). Epitype: South Africa, Northern Cape, Kamiesberg, Farm Welkom, 14 Sept. 1970, Oliver 3169 (NBG, epi.; PRE, iso.). Epitype designated by Manning et al., Bothalia 41(2): 276 (2011).

CRASSULACEAE

COTYLEDON L.

Cotyledon barbeyi Schweinf. ex Baker var. *barbeyi*

CRASSULA L.

Crassula stylesii Gideon F.Sm. & N.R.Crouch, Phytotaxa 518(3): 227 (2021); Type: South Africa. KwaZulu-Natal province. KwaNyuswa, overlooking the Mngeni River, 14 March 2021, D.G.A. Styles, N.R. Crouch & A. Heiduk 5898 (BNRH, holo.; NU, iso.)

CYMODOCEACEAE

HALODULE ENDL.

Halodule tridentata (Steinh.) Endl. ex Unger, Chlor. Protogaea: 67 (1843) = *Halodule uninervis* (Forssk.) Asch., Fl. Orient. [Boissier] 5(1): 24 (1882)

CYPERACEAE

FUIRENA ROTTB.

Fuirena ciliaris (L.) Roxb. forma *ciliaris*

SCHOENOPLECTUS (RCHB.) PALLA

Schoenoplectus confusus (N.E.Br.) Lye, Bot. Not. 124(2): 290 (1971) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

Schoenoplectus confusus (N.E.Br.) Lye var. *natalitius* Browning, S. African J. Bot. 57(5): 258 (1991) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

Schoenoplectus confusus (N.E.Br.) Lye var. *rogersii* (N.E.Br.) Lye, Nordic J. Bot. 3(2): 242 (1983) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

Schoenoplectus rogersii (N.E.Br.) Lye, Bot. Not. 124(2): 290 (1971) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

SCIRPUS L.

Scirpus confusus N.E.Br., Bull. Misc. Inform. Kew 1921(8): 300 (1921) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

Scirpus corymbosus Roth ex Roem. & Schult. var. *junciformis* A.Peter, Repert. Spec. Nov. Regni Veg. Beih. 40(1 Anh.): 124 (1936) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

Scirpus rogersii N.E.Br., Bull. Misc. Inform. Kew 1921(8): 301 (1921) = *Schoenoplectus muricinux* (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

EUPHORBIACEAE

EUPHORBIA L.

Euphorbia pseudoglobosa Marloth subsp. *pseudoglobosa*

FABACEAE

AFROCALLIANDRA E.R.SOUZA & L.P.QUEIROZ

Afrocalliandra redacta (J.H.Ross) E.R.Souza & L.P.Queiroz, Taxon 62(6): 1213 (2013); Type: South Africa. Cape Province, N of Stinkfontein on the way to Jenkioskop, 15 Nov. 1971, M.J.A. Werger 1518 (PRE, holo.; K, iso.)

GLYCINE L.

Glycine wilmsii Harms, Bot. Jahrb. Syst. 26(3-4): 302 (1899); Type: South Africa, Mpumalanga, “bei Lydenburg”, Wilms 383 (B†, holo.; K, lecto.). Lectotype designated by Moteetee & Van Wyk, Bothalia 42(2): 188 (2012). = *Ophrestia oblongifolia* (E.Mey.) H.M.L.Forbes, **Bothalia 4: 1004 (1948), Type: South Africa, KwaZulu-Natal, Drège s.n. P03453602 (P, lecto.). Lectotype designated by Moteetee & Van Wyk, Bothalia 42(2): 188 (2012).**

HEDYSARUM L.

Hedysarum imbricatum L.f., Suppl. Pl.: 330 (1782) = *Psoralea imbricata* (L.f.) T.M.Salter, **J. S. African Bot. 5: 46 (1939)**

INDIGOFERA L.

Indigofera charlieriana Schinz subsp. *sessilis* (Chiov.) Schrire, Fl. Zambes. 3(4): 39 (2012)

OPHRESTIA H.M.L.FORBES

Ophrestia nervosa H.M.L.Forbes, Bothalia 4: 1006 (1948); Type: South Africa, North West, Marico district, Thode A 1394 (NH, holo.) = *Ophrestia oblongifolia* (E.Mey.) H.M.L.Forbes, **Bothalia 4: 1004 (1948), Type: South Africa, KwaZulu-Natal, Drège s.n. P03453602 (P, lecto.). Lectotype designated by Moteetee & Van Wyk, Bothalia 42(2): 188 (2012).**

ROBINIA L.

Robinia capensis Burm.f., Fl. Ind. (N. L. Burman) Prodr. Fl. Cap.: 22 (1768), (exact application unknown) = *Calpurnia capensis* (Burm.f.) Druce, **Rep. Bot. Soc. Exch. Club Brit. Isles 4(Suppl. 2): 611 (1917), insufficiently known sp.; nom.illegit., non Steud. (1840)**

SENEGALIA RAF.

Senegalia fleckii (Schinz) Boatwr., Bot. J. Linn. Soc. 179(2): 293 (2015); Type: Botswana, Ghanzi, Fleck 412a (Z, holo.)

VACHELLIA WIGHT & ARN.

Vachellia theronii (P.P.Sw.) Boatwr., Bot. J. Linn. Soc. 179(2): 293 (2015); Type: South Africa, KwaZulu-Natal, Hlabisa District, Swartz 178 (PRE, holo.; PRU, iso.)

VIGNA SAVI

Vigna unguiculata (L.) Walp. subsp. *dekindtiana* (Harms) Verdc. var. *huillensis* (Welw. ex Baker) Mithen, **Kirkia 14(1): 109 (1993) = Vigna unguiculata (L.) Walp. subsp. dekindtiana (Harms) Verdc., Kew Bull. 24: 544 (1970)**

FABRONIACEAE

FABRONIA RADDI

Fabronia leptura (Taylor) Broth., Nat. Pflanzenfam. I(3): 905 (1907) = *Ischyrodon lepturus* (Taylor) Schelpe, Contr. Bolus Herb. 2: 49 (1970)

HYACINTHACEAE

MASSONIA THUNB. EX HOUTT.

Massonia elandsmontana J.C.Manning, S. African J. Bot. 141: 143 (2021); Type: South Africa, Western Cape, Worcester: Bo-Hermon, Elandsberg Nature Reserve, S of Secretarybos Road and W of Bosplaas Road, 5 Oct 2020 [fruiting], J.C. Manning 3800 (NBG, holo.; PRE, iso.)

HYDROCHARITACEAE

NAJAS L.

Najas australis Bory ex Cham., Linnaea 4(1): 501 (1829)

HYPNACEAE

HYPNUM HEDW.

Hypnum cupressiforme Hedw. var. *aduncooides* Brid., Muscol. Recent. Suppl. 2: 219 (1812) = *Hypnum macrogynum* Besch., Ann. Sci. Nat., Bot., sér. 7, 15: 91 (1892)

Hypnum lepturum Taylor, London J. Bot. 5: 64 (1846) = *Ischyrodon lepturus* (Taylor) Schelpe, Contr. Bolus Herb. 2: 49 (1970)

Hypnum pseudopopuleum Schimp. & Mull.Hal., Bot. Zeitung (Berlin) 16: 170 (1858) = *Brachythecium pseudopopuleum* (Schimp. ex Mull.Hal.) Schimp., Ber. Thätigk. St. Gallischen Naturwiss. Ges. 1876-77: 336 (1878)

Hypnum pseudovelutinum Hampe & Mull.Hal., Bot. Zeitung (Berlin) 16: 171 (1858) = *Brachythecium pseudovelutinum* (Hampe ex Mull.Hal.) A.Jaeger, Ber. Thätigk. St. Gallischen Naturwiss. Ges. 1876-77: 325 (1878)

STEREODON (BRID.) BRID.

Stereodon aduncooides (Brid.) Broth., Nat. Pflanzenfam. I(3): 1071 (1908) = *Hypnum macrogynum* Besch., Ann. Sci. Nat., Bot., sér. 7, 15: 91 (1892)

Stereodon cupressiformis (Hedw.) Brid., Bryol. Univ. 2: 824 (1827) = *Hypnum cupressiforme* Hedw., Sp. Musc. Frond.: 291 (1801)

IRIDACEAE

GEISSORHIZA KER GAWL.

Geissorhiza pudica (Sol. ex Ker Gawl.) Klatt, Linnaea 34: 655 (1866) = *Romulea pudica* (Sol. ex Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, illustration in Ker Gawl. in Curtis's Botanical Magazine 31: t. 1244 (1810) (lecto.). Lectotype designated by Manning et al., Bothalia 41(2): 274 (2011).

IXIA L.

Ixia flava Lam., Tabl. Encycl. 1(1.1): 109 (1791) = *Romulea flava* (Lam.) M.P.de Vos, J. S. African Bot., Suppl. 9: 98 (1972), Type: without precise locality or collector (P: Herb. Lamarck, lecto.). Lectotype designated by De Vos, South African Journal of Botany, Suppl. 9: 99 (1972).

Ixia neglecta Schult., Mant. 1 (Schultes) 1: 279 (1822), nom.nov. pro *Trichonema speciosum* Ker Gawl. = *Romulea speciosa* (Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, possibly collected by J. Niven, illustration in Andrews (1801), The Botanist's Repository 3: t. 170 'Ixia bulbocodium var. flore speciosissimo' (1801). Epitype: South Africa, Northern Cape, Kamiesberg, Farm Welkom, 14 Sept. 1970, Oliver 3169 (NBG, epi.; PRE, iso.). Epitype designated by Manning et al., Bothalia 41(2): 276 (2011).

Ixia pudica (Sol. ex Ker Gawl.) Roem. & Schult., Syst. Veg. 1: 377 (1817) = *Romulea pudica* (Sol. ex Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, illustration in Ker Gawl. in Curtis's Botanical Magazine 31: t. 1244 (1810) (lecto.). Lectotype designated by Manning et al., Bothalia 41(2): 274 (2011).

MORAEA MILL.

Moraea atromontana Goldblatt & J.C.Manning, S. African J. Bot. 139: 291 (2021); Type: South Africa, Western Cape, Ladismith: Calitzdorp area, Living Waters, along Donkey Trail, 1 Nov 2020, J.H.J. Vlok & A.L. Schutte 783 (NBG, holo.; MO, iso.)

Moraea cistiflora Goldblatt & J.C.Manning, S. African J. Bot. 139: 292 (2021); Type: South Africa, Western Cape, Worcester: Botha, Bosjes Farm, Waaihoek Mtns, 28 Oct 2020, Manning & Ebrahim 3836 (NBG, holo.; MO, iso.)

ROMULEA MARATTI

Romulea cruciata (Jacq.) Beg. var. *australis* Ewart, Proc. Royal Soc. Victoria 19: 43 (1907) = *Romulea rosea* (L.) Eckl. var. *australis* (Ewart) M.P.de Vos, J. S. African Bot. Suppl. 9: 254 (1972), Type: Australia, Victoria, near Melbourne, Tovey s.n. (MEL, lecto.; BOL, isolecto.). Lectotype designated by De Vos, Journal of South African Botany, Suppl. 6: 252 (1972).

Romulea rosea Eckl. var. *pudica* (Sol. ex Ker Gawl.) Baker, Fl. Capensis [Thiselton-Dyer] 6: 42 (1896) = *Romulea pudica* (Sol. ex Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, illustration in Ker Gawl. in Curtis's Botanical Magazine 31: t. 1244 (1810) (lecto.). Lectotype designated by Manning et al., Bothalia 41(2): 274 (2011).

SISYRINCHIUM L.

**Sisyrrinchium iridifolium* Kunth, Nov. Gen. Sp. [H.B.K.] 1: 324 (1816)

TRICHONEMA KER GAWL.

Trichonema parviflorum (Eckl.) Steud., Nomencl. Bot. [Steudel], ed. 2. 2: 702 (1841) = *Romulea rosea* (L.) Eckl. var. *australis* (Ewart) M.P.de Vos, J. S. African Bot. Suppl. 9: 254 (1972), Type: Australia, Victoria, near Melbourne, Tovey s.n. (MEL, lecto.; BOL, isolecto.). Lectotype designated by De Vos, Journal of South African Botany, Suppl. 6: 252 (1972).

Trichonema pudicum Sol. ex Ker Gawl., Bot. Mag. 31: t. 1244 (1810) = *Romulea pudica* (Sol. ex Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, illustration in Ker Gawl. in Curtis's Botanical Magazine 31: t. 1244 (1810) (lecto.). Lectotype designated by Manning et al., Bothalia 41(2): 274 (2011).

Trichonema speciosum Ker Gawl., Ann. Bot. [König & Sims]. 1(2): 223 (1804) = ***Romulea speciosa* (Ker Gawl.) Baker, J. Linn. Soc., Bot. 16: 89 (1877), Type: South Africa, without precise locality, possibly collected by J. Niven, illustration in Andrews (1801), The Botanist's Repository 3: t. 170 'Ixia bulbocodium var. flore speciosissimo' (1801). Epitype: South Africa, Northern Cape, Kamiesberg, Farm Welkom, 14 Sept. 1970, Oliver 3169 (NBG, epi.; PRE, iso.). Epitype designated by Manning et al., Bothalia 41(2): 276 (2011).**

LAMIACEAE

CLINOPODIUM L.

Clinopodium imbricatum (Forssk.) Kuntze, Revis. Gen. Pl. 2: 515 (1891) = ***Micromeria imbricata* (Forssk.) C.Chr., Dansk Bot. Ark. 4 (3): 21 (1922), Type: Yemen, 'Kurmae', Forsskal (C, holo.)**

MICROMERIA BENTH.

Micromeria imbricata (Forssk.) C.Chr., Dansk Bot. Ark. 4 (3): 21 (1922); Type: Yemen, 'Kurmae', Forsskal (C, holo.)

Micromeria imbricata (Forssk.) C.Chr. var. *imbricata*

SATUREJA L.

Satureja imbricata (Forssk.) Briq., Nat. Pflanzenfam. [Engler & Prantl] 4, 3A: 299 (1896) = ***Micromeria imbricata* (Forssk.) C.Chr., Dansk Bot. Ark. 4 (3): 21 (1922), Type: Yemen, 'Kurmae', Forsskal (C, holo.)**

THYMUS L.

Thymus imbricatus Forssk., Fl. Aegypt.-Arab.: 108 (1775) = ***Micromeria imbricata* (Forssk.) C.Chr., Dansk Bot. Ark. 4 (3): 21 (1922), Type: Yemen, 'Kurmae', Forsskal (C, holo.)**

LEJEUNEACEAE

CHEILOLEJEUNEA (SPRUCE) SCHIFFN.

Cheilolejeunea xanthocarpa (Lehm. & Lindenb.) Malombe, Acta Bot. Hung. 51(3-4): 326 (2009)

LOBELIACEAE

DORTMANNA HILL

Dortmannia coronopifolia Kuntze var. *multiflora* (A.DC.) Kuntze, Revis. Gen. Pl. 3(2): 187 (1898) = ***Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)**

Dortmannia coronopifolia Kuntze var. *paucidentata* (C.Presl) Kuntze, Revis. Gen. Pl. 3(2): 187 (1898) = ***Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)**

Dortmannia coronopifolia Kuntze var. *tomentosa* (L.f.) Kuntze, Revis. Gen. Pl. 3(2): 187 (1898) = ***Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)**

Dortmannia thermalis (Thunb.) Kuntze, Revis. Gen. Pl. 2: 973 (1891) = ***Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)**

Dortmannia tomentosa (L.f.) Kuntze, Revis. Gen. Pl. 2: 973 (1891) = ***Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)**

Dortmannia trullifolia (Hemsl.) Kuntze, Revis. Gen. Pl. 2: 973 (1891) = *Lobelia trullifolia* Hemsl., Fl. Trop. Afr. [Oliver et al.] 3: 466 (1877)

LOBELIA L.

Lobelia dekindtiana Engl., Bot. Jahrb. Syst. 32(1): 147 (1902) = *Lobelia sonderiana* (Kuntze) Lammers, Novon 9(3): 386 (1999)

Lobelia depressa L.f. var. *linearifolia* E.Wimm., Pflanzenr. (Engler) IV, 276c: 897 (1968) = *Lobelia sonderiana* (Kuntze) Lammers, Novon 9(3): 386 (1999)

Lobelia paucidentata (C.Presl) A.DC., Prodr. [A. P. de Candolle] 7(2): 362 (1839) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

**Lobelia pedunculata* R.Br., Prodr. Fl. Nov. Holland.: 563 (1810)

Lobelia seineri Schltr., Bot. Jahrb. Syst. 57(5): 616 (1922) = *Lobelia sonderiana* (Kuntze) Lammers, Novon 9(3): 386 (1999)

Lobelia stricklandiae Gilliland forma *uncinata* E.Wimm., Pflanzenr. (Engler) IV, 276c: 886 (1968) = *Lobelia stricklandiae* Gilliland, J. Bot. 73: 248 (1935), as '*stricklandae*'

Lobelia tomentosa L.f. var. *multiflora* A.DC., Prodr. [A.P. de Candolle] 7(2): 364 (1839) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

Lobelia tomentosa L.f. var. *paucidentata* (C.Presl) Sond., Fl. Cap. (Harvey & Sonder) 3: 543 (1865) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

Lobelia vanreenensis (Kuntze) K.Schum. var. *villosula* E.Wimm., Pflanzenr. (Engler) IV, 276b: 585 (1953) = *Lobelia vanreenensis* (Kuntze) K.Schum., Just's Bot. Jahresber. 26(1): 373 (1900)

PARASTRANTHUS G.DON

Parastranthus thermalis (Thunb.) A.DC., Prodr. [A. P. de Candolle] 7(2): 354 (1839) = *Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)

RAPUNTIUM MILL.

Rapuntium glabrifolium C.Presl, Prodr. Monogr. Lobel.: 12 (1836) = *Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)

Rapuntium glabrifolium C.Presl var. *mundtianum* (Cham.) C.Presl, Comm. Pl. Afr. Austral. [E.Meyer]: 385 (1838) = *Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)

Rapuntium mundtianum (Cham.) C.Presl, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 395 (1837), as '*mundtianum*' = *Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)

Rapuntium paucidentatum C.Presl, Prodr. Monogr. Lobel.: 20 (1836) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

Rapuntium thermale (Thunb.) C.Presl, Prodr. Monogr. Lobel.: 12 (1836) = *Lobelia thermalis* Thunb., Prodr. Pl. Cap. 1: 40 (1794)

Rapuntium tomentosum (L.f.) C.Presl, Prodr. Monogr. Lobel.: 19 (1836) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

Rapuntium tomentosum (L.f.) C.Presl var. *tenuifolium* C.Presl, Enum. Pl. Afric. Austral. [Ecklon & Zeyher] 3: 399 (1837) = *Lobelia tomentosa* L.f., Suppl. Pl.: 394 (1782)

LYTHRACEAE

AMMANNIA L.

Ammannia alata (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 72 (2013);
Type: South Africa, Transvaal, Phalaborwa, Kruger National Park, Mtomene Pan, Mai 1977, W.P.D. Gertenbach 7006 (PRE820010-0, holo.; KNP, iso.)

- Ammannia auriculata* Willd. var. *elata* (A.Fern.) A.Fern., Bol. Soc. Brot. sér. 2, 52: 2 (1978) = ***Ammannia auriculata* Willd., Hort. Berol. [Willdenow] 1(1): 7, t. 7 (1803), Type: Egypt, near Rosetta, cult. in Berlin (B-WILLD 3081, lecto.). Lectotype designated by Graham, Journal of the Arnold Arboretum 66: 403 (1985).**
- Ammannia cymosa* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 74 (2013); Type: South Africa, Cape Province, Glen Lyon, Hay division, Paardekloof [Perdekloof], May 1942, T. Cooke. s.n. (PRE 820012-0, holo.)
- Ammannia drummondii* (A.Fern.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 74 (2013); Type: Botswana, Namibian border, W of Knau Knau, Chadum Valley, 14 Mar 1965, H. Wild & R.B. Drummond 7019 (SRGH, holo.; COI, K 310519, iso.)
- Ammannia heptamera* (Hiern) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 76 (2013); Type: Mozambique, Zomba and Lake Shirwa, Meller s.n. (K 310511, holo.)
- Ammannia heptamera* (Hiern) S.A.Graham & Gandhi var. *heptamera*
- Ammannia involucrata* S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 76 (2013), nom.nov. pro *Nesaea cordata* Hiern.; Type: Angola, Lower Guinea, Pungo a Ndongo, F. Welwitsch 2327 (BM 902424, upper half of sheet, lecto.; M 16656, PRE, isolecto.). Lectotype 1st step designated by Panigrahi, Bull. Bot. Surv. India 18: 186 (1976); 2nd step by Immelman, Bothalia 21(1): 43 (1991).
- Ammannia radicans* (Guill. & Perr.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013); Type: Senegal, Cayor, G. Perrottet 341 (P, lecto.; BM, S 09-22859, isolecto.). Lectotype designated by Verdcourt, Flora of Tropical East Africa: 21 (1994).
- Ammannia radicans* (Guill. & Perr.) S.A.Graham & Gandhi var. *floribunda* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013); Type: South Africa, KwaZulu-Natal, "On the Omblas River, near Port Natal" [Umlaas River, near Durban], Apr, J.F. Drège s.n., (S S-G-6121, lecto.; K 310527, PRE, S S09-23095, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 81 (2013).
- Ammannia rigidula* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013); Type: South Africa, Gauteng, Aapies River, C. Zeyher 542 (S-G-3867, holo.; CGE 162, K 310531, LD 1010613, SAM 36425-0, iso.)
- Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013); Type: South Africa, Mpumalanga, Hoogeveld bei Standarton, A. Rehmann 6796 (B, destroyed, holo.; Z 27751, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013); Type: South Africa, KwaZulu-Natal, Maritzburg, A. Rehmann 7599 (B†, holo.; Z 27750, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Koehne) S.A.Graham & Gandhi forma *ericiformis*, Harvard Pap. Bot. 18(1): 82 (2013); Type: South Africa, KwaZulu-Natal, Maritzburg, A. Rehmann 7599 (B†, holo.; Z 27750, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Koehne) S.A.Graham & Gandhi forma *swaziensis* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013); Type: Swaziland, Mbabane, Manzini District, Mpisi Government Farm, 22 Jun 1962, M.C. Karsten s.n. (PRE 49640, holo.; NBG, iso.)
- Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *sagittifolia*
- Ammannia schinzii* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 83 (2013); Type: South Africa, Northern Cape province, Oshando in Upnigtonia, Mar 1886, H. Schinz 517 (B, destroyed, holo.; BOL 138188, lecto.; K 310537, Z 27753, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 83 (2013).

- Ammannia schlechteri* (A.Fern.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 83 (2013);
Type: South Africa, Limpopo, Sandfontein, 19 Jan 1894, F.R.R. Schlechter 4243 (MO 313238, holo.; BR 6259969, E 217865, PRE 322201-0, S09-22874, iso.)
- Ammannia senegalensis* Lam. var. *senegalensis*
- Ammannia tolypobotrys* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 84 (2013);
Type: South Africa, KwaZulu-Natal, Umhlatuzaan River, Dec., J.M. Wood 334 (B†, holo.; BM 902414, lecto.; GRA 2179-0, Z 27755, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 84 (2013).
- Ammannia tolypobotrys* (Koehne) S.A.Graham & Gandhi forma *tolypobotrys*
- Ammannia wardii* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013);
Type: South Africa, KwaZulu-Natal, Nkandla, Umfolozi Game Reserve, 7 Dec 1954, C.J. Ward 2456 (PRE 322377-0, holo.; NU 15513-0, iso.)
- Ammannia woodii* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013); Type:
South Africa, KwaZulu-Natal, Zululand, by Tugela River, J. Wylie 5689a (PRE, lecto.; BOL, E 217864, K 310536, PH 19295, SAM, isolecto.). Lectotype designated by Immelman, Bothalia 21(1): 45-46 (1991).
- Ammannia zambatidis* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013); Type: South Africa, Limpopo, near Waterpoort, east of Pylkop Station, north of the Soutpansberg, Farm Driehoek, 9 Mai 1984, K. Balkwill 1651 (PRE 668482-0, holo.; NU 15512-0, iso.)

LYTHRUM L.

- Lythrum sagittifolium* Sond., Linnaea 23(1): 41 (1850) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013), Type: South Africa, Mpumalanga, Hoogeveld bei Standarton, A. Rehmann 6796 (B, destroyed, holo.; Z 27751, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).

NESAEA KUNTH

- Nesaea mucronata* Koehne, Verh. Bot. Vereins Prov. Brandenburg 30: 248 (1888); Type: Namibia, Omatope, Feb 1886, H. Schinz 518 (Z 27746, holo.; BOL 138185, iso.) = *Ammannia rigidula* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013), Type: South Africa, Gauteng, Aapies River, C. Zeyher 542 (S-G-3867, holo.; CGE 162, K 310531, LD 1010613, SAM 36425-0, iso.)
- Nesaea rigidula* (Sond.) Koehne forma *brachystyla* Koehne, Bot. Jahrb. Syst. 29(2): 166 (1900); Type: Namibia, Rhukuanjama, Omupanda, Jan, A. Wulfhorst s.n. (B, destroyed, holo.) = *Ammannia rigidula* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013), Type: South Africa, Gauteng, Aapies River, C. Zeyher 542 (S-G-3867, holo.; CGE 162, K 310531, LD 1010613, SAM 36425-0, iso.)
- Nesaea sagittifolia* (Sond.) Koehne var. *salicarioides* Koehne, Bot. Jahrb. Syst. 22(1): 152 (1895); Type: South Africa, KwaZulu-Natal, 1887, M. Schultze 40 (B, destroyed, holo.) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013), Type: South Africa, Mpumalanga, Hoogeveld bei Standarton, A. Rehmann 6796 (B, destroyed, holo.; Z 27751, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).

MELASTOMATACEAE

PLEROMA D.DON

**Pleroma granulosum* (Desr.) D.Don, Mem. Wern. Nat. Hist. Soc. 4: 295 (1823); Type: Brazil, Rio de Janeiro: a la moutague des Capucius, Jul 1767, Commerson s.n. (P00708953, lecto.; C, P00708952, P00708954, isolecto.). Lectotype designated by Guimaraes et al., (2019).

**Pleroma urvilleanum* (DC.) P.J.F.Guim. & Michelangeli, Taxon 68(5): 991 (2019); Type: Brazil, Santa Catarina: 1825, J.S.C.D. D'Urville s.n. (WNo. 1889-0015758, lecto.; B [probably destroyed; F negative F0BN016805], P00708937, P00708938, isolecto.). Lectotype designated by Guimaraes et al. (2019).

MYRTACEAE

EUCALYPTUS L'HER.

**Eucalyptus camaldulensis* Dehnh. subsp. *camaldulensis*

PSIDIUM L.

Psidium cattleianum Sabine, spelling variant; replaced as 'cattleianum' = *Psidium cattleianum* Sabine, as 'cattleianum'

Psidium littorale Raddi var. *longipes* (O.Berg) Fosberg, Proc. Biol. Soc. Washington 54: 180 (1941) = *Psidium cattleianum* Sabine, as 'cattleianum'

NECKERACEAE

NECKERA HEDW.

Neckera fuscescens Mull.Hal., Syn. Musc. Frond. 2: 77 (1850), nom.inval. = *Donnellia fuscescens* (A.Jaeger ex Paris) P.E.A.S.Câmara & Carv.-Silva, Acta Mus. Siles. Sci. Nat. 68(1–2): 159 (2019), Type: South Africa. Promontorium Bonae Spei, Bergius s.n. (BM, iso.)

ORCHIDACEAE

STENOGLOTTIS LINDL.

Stenoglottis fimbriata Lindl. var. *modesta* (Truter & K.G.Joliffe) D.P.Phillips & Bytebier, Phytotaxa 456(3): 228 (2020); Type: South Africa. KwaZulu-Natal: Vryheid, Lancaster Hill, 3 Jan 2009, Gibbon s.n. (PRU115533, holo.)

Stenoglottis molweniensis G.McDonald, Orchids S. Africa 39(2): 12 (2008), nom.illegit.; Type: South Africa. KwaZulu-Natal: Durban, Krantzklouf Nature Reserve, close to Interpretive Centre, 24 Feb 2002, Styles 657 (NU0015948, holo.) = *Stenoglottis longifolia* Hook.f., Bot. Mag. 117: t. 7186 (1891), Type: South Africa. KwaZulu-Natal: Ngoye Forest, date unknown (ex hort. 24 Sep 1889), Wood s.n. (K000415559, holo.)

POACEAE

BERGBAMBOS STAPLETON

Bergbambos tessellata (Nees) Stapleton, PhytoKeys 25: 99 (2013); Type: South Africa, Katberg, J.F. Drège s.n. (K, lecto.). Lectotype designated by Soderstrom & Ellis, Bothalia 14: 54 (1982).

LEPTOCHLOA P.BEAUV.

Leptochloa fusca Kunth subsp. *fusca*

PONTEDERIACEAE

PONTEDERIA L.

Pontederia africana (Solms) M.Pell. & C.N.Horn, PhytoKeys 108: 57 (2018); Type: Holotype (B†); Central African Republic, Djur Region, Seriba Ghattas, fl. 27 Aug 1869, G.A. Schweinfurth 2296 (PRE0792113-0, lecto.; K000321232, K000321233, isolecto.). Lectotype designated by Pellegrini et al., PhytoKeys 108: 57 (2018).

POTAMOGETONACEAE

DIPLANTHERA THOUARS

Diplanthera uninervis (Forssk.) Asch., Nat. Pflanzenfam.: 37 (1897) = *Halodule uninervis* (Forssk.) Asch., Fl. Orient. [Boissier] 5(1): 24 (1882)

PROTEACEAE

PROTEA L.

Protea adscendens Steud., Nomencl. Bot. [Steudel], ed. 2, 2: 399 (1841), orthogr.var. = *Serruria ascendens* (Lam.) R.Br., Trans. Linn. Soc. London 10(1): 127 (1810), as 'adscendens'
Protea ascendens Lam., Tabl. Encycl. 1: 239 (1792) = *Serruria ascendens* (Lam.) R.Br., Trans. Linn. Soc. London 10(1): 127 (1810), as 'adscendens'

RHAMNACEAE

ADOLIA LAM.

Adolia discolor (Klotzsch) Kuntze, Revis. Gen. Pl. 1: 117 (1891) = *Phyllogeiton discolor* (Klotzsch) Herzog, Beih. Bot. Centralbl. 15: 169 (1903), Types: Sena, W.C.H. Peters (K000036298, P00434322, syn.)

SCUTIA (COMM. EX DC.) BRONGN.

Scutia discolor Klotzsch, Naturw. Reise Mossambique [Peters] 6(Bot., 1): 110 (1862 [1861]) = *Phyllogeiton discolor* (Klotzsch) Herzog, Beih. Bot. Centralbl. 15: 169 (1903), Types: Sena, W.C.H. Peters (K000036298, P00434322, syn.)

SANTALACEAE

THESIUM L.

Thesium ericoides R.Br., Prodr. Fl. Nov. Holland.: 353 (1810) = *Thesium paniculatum* L., Mant. Pl.: 51 (1767)

SEMATOPHYLLACEAE

DONNELIA AUSTIN

Donnellia fuscescens (A.Jaeger ex Paris) P.E.A.S.Câmara & Carv.-Silva, Acta Mus. Siles. Sci. Nat. 68(1–2): 159 (2019); Type: South Africa. Promontorium Bonae Spei, Bergius s.n. (BM, iso.)

PTEROGONIELLA SCHIMP. EX BROTH.

Pterogoniella fuscescens A.Jaeger ex Paris, Index Bryol.: 1047 (1898) = *Donnellia fuscescens* (A.Jaeger ex Paris) P.E.A.S.Câmara & Carv.-Silva, Acta Mus. Siles. Sci. Nat. 68(1–2): 159 (2019), Type: South Africa. Promontorium Bonae Spei, Bergius s.n. (BM, iso.)

STEREOPHYLLACEAE

JURATZKAEA LORENTZ

Juratzkaea leptura (Taylor) W.A.Weber ex W.R.Buck, Rev. Bryol. Lichénol. 43: 319 (1977) = *Ischyrodon lepturus* (Taylor) Schelpe, Contr. Bolus Herb. 2: 49 (1970)

Juratzkaea leptura (Taylor) W.A.Weber ex W.R.Buck subsp. *incisa* W.R.Buck, Rev. Bryol. Lichénol. 43: 322 (1977) = *Juratzkaea incisa* (W.R.Buck) Catches. & I.G.Stone, J. Bryol. 11: 103 (1980)

STEREOPHYLLUM MITT.

Stereophyllum lepturum (Taylor) Mitt., Trans. & Proc. Roy. Soc. Victoria 19: 88 (1882) = *Ischyrodon lepturus* (Taylor) Schelpe, Contr. Bolus Herb. 2: 49 (1970)

VIOLACEAE

AFROHYBANTHUS FLICKER

Afrohybanthus caffer (Sond.) Flicker, Phytotaxa 230(1): 44 (2015); Type: South Africa, Port Natal, Gueinzus 94 (S, holo.)

Afrohybanthus densifolius (Engl.) Flicker, Phytotaxa 230(1): 47 (2015); Type: Namibia, Dinter 430 (P00631583, lecto.). Lectotype designated by Flicker & Ballard, Phytotaxa 230: 47 (2015).

Afrohybanthus enneaspermus (L.) Flicker, Phytotaxa 230(1): 47 (2015); Type: Sri Lanka, Hermann s.n. in Vol. I, p. 19 of Hb. Hermann (BM, lecto.). Lectotype designated by Grey-Wilson, Flora of Tropical East Africa: (1986).

Afrohybanthus serratus (Engl.) Flicker, Phytotaxa 230(1): 49 (2015); Type: South Africa, Schlechter 4218 (K000231107, lecto.). Lectotype designated by Flicker & Ballard, Phytotaxa 230: 49 (2015).

POMBALIA VAND.

**Pombalia parviflora* (Mutis ex L.f.) Paula-Souza, Phytotaxa 183(1): 10 (2014); Type (protologue): “Habitat in Americae meridionalis calidioribus regionibus”, s.d., Mutis s.n. (LINN 1052-25, holo.)

Taxonomic status change: accepted names that became synonyms

* = naturalised alien taxa

AGAVACEAE

CHLOROPHYTUM KER GAWL.

Chlorophytum boomense Kativu, Pl. Ecol. Evol. 149(3): 342 (2016); Type: Namibia, Luderitz Distr., Ai-Ais Hotsprings Game Park, Orange River Mountain (Boom River), 12/9/2012, L. Nanyeni 380 (WIND, holo.; WIND, SRGH, iso.) = *Chlorophytum namaquense* Schltr. ex Poelln., Ber. Deutsch. Bot. Ges. 61: 207 (1944), Type: South Africa, Northern Cape, Springbok: Namaqualand, Vogelklip, Oct 1897, Schlechter 11295 (B†, holo.; PRE, iso.)

AIZOACEAE

CHASMATOPHYLLUM DINTER & SCHWANTES

Chasmatophyllum verdoorniae (N.E.Br.) L.Bolus, Notes Mesembryanthemum [H.M.L. Bolus] 3: 40 (1936) = *Rhinephyllum verdoorniae* (N.E.Br.) H.E.K.Hartmann, Ill. Handb. Succ. Pl. Aizoaceae, ed. 2 2: 1049 (2017), Type: I. Verdoorn 1192 (K, holo.)

AMARANTHACEAE

CHENOPODIUM L.

Chenopodium bontei Aellen, Verh. Nat. Ges. Basel 44: 317 (1933);

Chenopodium botryodes Sm. = *Oxybasis chenopodioides* (L.) S.Fuentes, Uotila & Borsch, Willdenowia 42(1): 15 (2012), Type: [Russia, Daghestan] in fossis Kislar, C. Steven (H 1037202, neo.). Neotype designated by Uotila, Annales Botanici Fennici 38: 96 (2001).

Chenopodium chenopodioides (L.) Aellen = *Oxybasis chenopodioides* (L.) S.Fuentes, Uotila & Borsch, Willdenowia 42(1): 15 (2012), Type: [Russia, Daghestan] in fossis Kislar, C. Steven (H 1037202, neo.). Neotype designated by Uotila, Annales Botanici Fennici 38: 96 (2001).

Chenopodium murale L., Sp. Pl. 1: 219 (1753) = *Chenopodiastrum murale* (L.) S.Fuentes, Uotila & Borsch, Willdenowia 42(1): 14 (2012), Type: [Russia, Daghestan] in fossis Kislar, C. Steven (H 1037202, neo.). Neotype designated by Uotila, Annales Botanici Fennici 38: 96 (2001).

Chenopodium pseudomultiflorum (Murr) Uotila, Ann. Bot. Fenn. 38(2): 95 (2001) = *Dysphania pseudomultiflora* (Murray) Verloove & Lambinon, Syst. & Geogr. Pl. 76(2): 219 (2006)

Chenopodium schraderianum Roem. & Schult. = *Dysphania schraderiana* (Schult.) Mosyakin & Clemants, Ukrayins'k. Bot. Zhurn. 59(4): 383 (2002)

HERMBSTAEDTIA RCHB.

Hermbsstaedtia rogersii Burt Davy, Man. Pl. Transvaal [Burt Davy] 1: 43, 179, 180 (1926) = *Hermbsstaedtia fleckii* (Schinz) Baker & C.B. Clarke, Fl. Trop. Afr. [Oliver et al.] 6(1.1): 28 (1909)

APOCYNACEAE

BRACHYSTEMMA R.BR. EX SIMS

- Brachystelma angustum* Peckover, Aloe 31(3–4): 60 (1994) = *Ceropegia angustata* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma angustum* Peckover
- Brachystelma arnottii* Baker, Refug. Bot. [Saunders] 1: t. 9 (1868), as 'arnottii' = *Ceropegia arnottii* (Baker) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Northern Cape, Colesberg, Arnot (K, holo.)
- Brachystelma australe* R.A.Dyer, J. S. African Bot. 43(1): 12 (1977) = *Ceropegia australis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, Pondoland, Lupatane waterfall, Leistner 3504 (PRE, holo.)
- Brachystelma barberae* Harv. ex Hook.f., Bot. Mag. 92: t. 5607 (1866), as 'barberiae' = *Ceropegia barberae* (Harv. ex Hook.f.) Bruyns, S. African J. Bot. 112: 433 (2017), Iconotype: Transkei, valleys of Tsomo River; original painting by Mrs Barber (K)
- Brachystelma brevipedicellatum* Turrill, Bull. Misc. Inform. Kew 1922(1): 29 (1922) = *Ceropegia brevipedicellata* (Turrill) Bruyns, S. African J. Bot. 112: 433 (2017), Type: Ex Pretoria, no further information (K, holo.)
- Brachystelma bruceae* R.A.Dyer, J. S. African Bot. 43(1): 13 (1977) = *Ceropegia bruceae* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Mpumalanga, Kaapsehoop Mt., Nov. 1949, L.E. Codd 5756 (PRE, holo.)
- Brachystelma bruceae* R.A.Dyer subsp. *bruceae* = *Ceropegia bruceae* (R.A.Dyer) Bruyns subsp. *bruceae*
- Brachystelma bruceae* R.A.Dyer subsp. *hirsutum* R.A.Dyer, J. S. African Bot. 43(1): 16 (1977) = *Ceropegia bruceae* (R.A.Dyer) Bruyns subsp. *hirsuta* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Mpumalanga, Barberton, on rocky ridges, Stirton 1841 (PRE, holo.)
- Brachystelma burchellii* (Decne.) Peckover, Aloe 33(2–3): 43 (1996) = *Ceropegia burchelliana* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Macropetalum burchellii* Decne.
- Brachystelma burchellii* (Decne.) Peckover var. *grandiflorum* (N.E.Br.) Meve, Pl. Syst. Evol. 228(1–2): 103 (2001) = *Ceropegia burchelliana* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Macropetalum burchellii* Decne.
- Brachystelma caffrum* (Schltr.) N.E.Br., Gard. Chron. ser. 3, 16: 62 (1894) = *Ceropegia caffra* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, King William's Town, Mt Kemp, Sim 315 (K, lecto.; PRE, BOL, NU, isolecto.)
- Brachystelma campanulatum* N.E.Br., Fl. Cap. (Harvey) 4(1,5): 838 (1908) = *Ceropegia campanuliformis* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma campanulatum* N.E.Br., Type: South Africa, Eastern Cape, Linch's Post near Bathurst, Bowie (BM, holo.)
- Brachystelma canum* R.A.Dyer, Bothalia 12(2): 254 (1977) = *Ceropegia cana* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, North West, NE of Setlagoli, Acocks 18774 (PRE, holo.)
- Brachystelma cathcartense* R.A.Dyer, Bothalia 10(3): 431 (1971) = *Ceropegia cathcartensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Cathcart, P.F. du Toit in PRE 31309 (PRE, holo.; GRA, iso.)
- Brachystelma chloranthum* (Schltr.) Peckover, Aloe 33(2–3): 43 (1996) = *Ceropegia chlorantha* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, near Pretoria, 8 Jan. 1894, Schlechter 4152 (BOL, lecto.; Z, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).

- Brachystelma chlorozonum* E.A.Bruce, Hooker's Icon. Pl. 34: t. 3370 (1938) = *Ceropegia chlorozona* (E.A.Bruce) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Mpumalanga, Barberton, Thorncroft s.n. (K, holo.)
- Brachystelma christianeae* Peckover, Aloe 29(3–4): 56 (1992) = *Ceropegia christianeae* (Peckover) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, KwaZulu-Natal, Nkandla, R.G. Peckover 141 (PRE, holo.)
- Brachystelma circinatum* E.Mey., Comm. Pl. Afr. Austr. (Meyer) 2: 196 (1838) = *Ceropegia circinata* (E.Mey.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, near Aliwal North at foot of Witteberg, Drege 3440 partly (K)
- Brachystelma coddii* R.A.Dyer, Fl. Pl. Africa 30: t. 1181 (1955) = *Ceropegia coddii* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: Swaziland, Piggs Peak, Codd 7826 (PRE, holo.)
- Brachystelma comptum* N.E.Br., Fl. Cap. (Harvey) 4(1,5): 854 (1908) = *Ceropegia neocompta* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Brachystelma comptum* N.E.Br., Type: South Africa, Eastern Cape, near Uitenhage, on hills overlooking Swartkops River, Zeyher 9 (K, holo.)
- Brachystelma cummingii* A.P.Dold, Bothalia 32(1): 71 (2002) = *Ceropegia cummingii* (A.P.Dold) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, Kleinpoort, 27-01-2001, A.P. Dold 4368 (GRA, holo.)
- Brachystelma cupulatum* R.A.Dyer, Bothalia 10(2): 375 (1971) = *Ceropegia cupulata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: Namibia, Aha Mts, Jan. 1958, Story 6400 (PRE, holo.)
- Brachystelma decipiens* N.E.Br., Fl. Cap. (Harvey) 4(1,5): 842 (1908) = *Ceropegia decipientiflora* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma decipiens* N.E.Br., Type: South Africa, Eastern Cape, near Grahamstown, Bolton s.n. (K, holo.)
- Brachystelma delicatum* R.A.Dyer, Bothalia 12(1): 53 (1976) = *Ceropegia delicata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Eastern Cape, Trappes Valley near Grahamstown, Hardy 2198 (PRE, holo.)
- Brachystelma dimorphum* R.A.Dyer, Bothalia 12(4): 627 (1979) = *Ceropegia differens* Bruyns, S. African J. Bot. 112: 433 (2017), nom.nov. pro *Brachystelma dimorphum* R.A.Dyer, Type: South Africa, Northern Cape, NW of Kimberley, O. Leistner 2935 (PRE, holo.)
- Brachystelma dimorphum* R.A.Dyer subsp. *dimorphum* = *Ceropegia differens* Bruyns subsp. *differens*
- Brachystelma dimorphum* R.A.Dyer subsp. *gratum* R.A.Dyer, Bothalia 12(4): 628 (1979) = *Ceropegia differens* Bruyns subsp. *grata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Orange Free State, Welkom, near airport, Rawlinson in PRE 57440 (PRE, holo.)
- Brachystelma discoideum* R.A.Dyer, Fl. Pl. Africa 42(3–4): t. 1668 (1973) = *Ceropegia discoidea* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Gauteng, north of Pretoria at Salt Pan, Hardy 2440 (PRE, holo.)
- Brachystelma duplicatum* R.A.Dyer, Bothalia 12(4): 629 (1979), nom.nov. pro *Brachystelma floribundum* R.A.Dyer, nom.illegit., non Turrill (1922) = *Ceropegia duplicata* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Free State, near Fauresmith, Van Zyl 1025 (PRE, holo.)
- Brachystelma dyeri* K.Balkwill & M.Balkwill, S. African J. Bot. 54(1): 61 (1988) = *Ceropegia dyeri* (K.Balkwill & M.Balkwill) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Mpumalanga, Barberton, above Agnes mine, between Cythna Letty and Thornybush Nature Reserves, Balkwill & Cadman 3393 (NU, holo.; E, J, PRE, iso.)
- Brachystelma elongatum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 862 (1908) = *Ceropegia elongata* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Somerset East div., Boschberg, 10 May 1893, Schlechter 2699 (missing). South

- Africa, Cape, Springs Nature Reserve, A. Dold 4365 (GRA, neo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).**
- Brachystelma filifolium* (Schltr.) Peckover, Aloe 33(2–3): 43 (1996) = *Ceropegia filifolia* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Komatipoort, 14 Dec. 1897, Schlechter 11733 (BR, lecto.; BM, BOL, E, GRA, K, Z, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2021).
- Brachystelma foetidum* Schltr., Bot. Jahrb. Syst. 20(5, Beibl. 51): 52 (1895); Type: South Africa, Gauteng, Elsburg, Schlechter 3547 (B†, holo.; BOL, lecto.) = *Ceropegia rehmannii* (Schltr.) Bruyns, S. African J. Bot. 116: 141 (2018), Type: South Africa, Transvaal, Houtbosch, Rehmann 5877 (B†, holo.)
- Brachystelma franksiae* N.E.Br., Natal Pl. [Wood] 6: t. 588 (1912) = *Ceropegia franksiae* (N.E.Br.) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, KwaZulu-Natal, Camperdown, Franks sub Wood 11721 (NH, holo.; NU, PRE)
- Brachystelma franksiae* N.E.Br. subsp. *franksiae* = *Ceropegia franksiae* (N.E.Br.) Bruyns subsp. *franksiae*
- Brachystelma franksiae* N.E.Br. subsp. *grandiflorum* A.P.Dold & Bruyns, Bothalia 33(1): 105 (2003) = *Ceropegia franksiae* (N.E.Br.) Bruyns subsp. *grandiflora* (A.P.Dold & Bruyns) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, Eastern Cape, Igoda Mouth, 09/11/2000, A.P. Dold 4425 (GRA, holo.; BOL, iso.)
- Brachystelma gemmeum* R.A.Dyer, Bothalia 12(4): 628 (1979) = *Ceropegia gemmea* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Limpopo, near Phalaborwa, sandy mopane woodland, Lancaster 199 (PRE, holo.)
- Brachystelma gerrardii* Harv., Thes. Cap. 2: 61, t. 196 (1863) = *Ceropegia gerrardii* (Harv.) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, KwaZulu-Natal, Vryheid district, Enyati (Emyati) Mountain, Gerrard 1318 (TCD, holo.)
- Brachystelma glenense* R.A.Dyer, Bothalia 12(1): 54 (1976) = *Ceropegia glenensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Free State, Glen, north of Bloem-fontein, J.W. Mostert 219 (PRE, holo.)
- Brachystelma gracile* E.A.Bruce, Fl. Pl. Africa 27: t. 1077 (1949), as 'gracilis' = *Ceropegia gracilior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma gracile* E.A.Bruce, Type: Zimbabwe, near Plumtree, Porter in PRE 27227 (PRE, holo.)
- Brachystelma gracillimum* R.A.Dyer, J. S. African Bot. 11: 112 (1945) = *Ceropegia gracillima* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, North West, near Marico, Louw 811 (PRE, holo.)
- Brachystelma gymnopodum* (Schltr.) Bruyns, Bothalia 25(2): 161 (1995) = *Ceropegia pygmaea* Schinz, Verh. Bot. Vereins Prov. Brandenburg 30: 265 (1888), Type: Namibia, Schinz \A1 (Z, holo.)
- Brachystelma hirtellum* Weim., Bot. Not. 1935: 406 (1935) = *Ceropegia hirtella* (Weim.) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Limpopo, near Naboomspruit, Galpin 11573 (PRE, holo.)
- Brachystelma huttonii* (Harv.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 845 (1908) = *Ceropegia huttonii* (Harv.) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Eastern Cape, near Grahamstown at Botha's Hill, Hutton 3 (TCD, holo.; K)
- Brachystelma incanum* R.A.Dyer, Bothalia 12(1): 54 (1976) = *Ceropegia incana* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, North West, SW of Lichtenburg, Acocks 12476 (PRE, holo.)
- Brachystelma inconspicuum* S.Venter, Excelsa 13: 106 (1988) = *Ceropegia inconspicuior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma inconspicuum* S.Venter, Type: South Africa, Limpopo, Melkrivier, Farm Kliphhoek 636 LR, S. Venter 11183 (? , holo.)

- Brachystelma kerzneri* Peckover, Aloe 31(3–4): 85 (1994) = *Ceropegia kerzneri* (Peckover) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Eastern Cape, Port Edward, R.G. Peckover 1722 (PRE, holo.)
- Brachystelma longifolium* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 853 (1908) = *Ceropegia longifoliata* Bruyns, S. African J. Bot. 112: 432 (2017), nom.nov. pro *Brachystelmaria longifolia* Schltr., Type: South Africa, Mpumalanga, Elandspruit Mountains, Schlechter 3873 (B†; BOL, lecto.)
- Brachystelma luteum* Peckover, Aloe 29(3–4): 66 (1992), as 'lutea' = *Ceropegia luteiflora* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma luteum* Peckover, Type: South Africa, Eastern Cape, Salem, R.G. Peckover 157 (GMT, holo.)
- Brachystelma macropetalum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 852 (1908) = *Ceropegia macropetala* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, Mpumalanga, on Elandspruit mountains, Schlechter 3869 (B†; BOL, lecto.)
- Brachystelma meyerianum* Schltr., Bot. Jahrb. Syst. 21(5, Beibl. 54): 14 (1896) = *Ceropegia meyeriana* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017), as 'meyerana', Type: South Africa, Eastern Cape, near Komgha, Dec. 1892, Flanagan 1365 (BOL, lecto.; NH, PRE, SAM, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Brachystelma micranthum* E.Mey., Comm. Pl. Afr. Austr. (Meyer): 196 (1838) = *Ceropegia micriflora* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma micranthum* E.Mey., Type: South Africa, Eastern Cape, Queenstown distr., near Shiloh, Drege s.n. (K, lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Brachystelma minimum* R.A.Dyer, Bothalia 12(3): 447 (1978) = *Ceropegia minima* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Eastern Cape, south of Grahamstown, overlooking Bushman's River valley, M.B. Bayer 341 (NBG, holo.; PRE)
- Brachystelma minor* E.A.Bruce, Fl. Pl. Africa 27: t.1096a (1951) = *Ceropegia minor* (E.A.Bruce) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Limpopo, Pietersburg district, on The Downs, Murray in PRE 28365 (PRE, holo.)
- Brachystelma modestum* R.A.Dyer, Fl. Pl. Africa 30: t.1165 A (1954) = *Ceropegia modestantha* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma modestum* R.A.Dyer, Type: South Africa, KwaZulu-Natal, Nkandla, Codd 6984 (PRE, holo.)
- Brachystelma molaventi* Peckover & A.E.van Wyk, Aloe 36(2–3): 46 (1999) = *Ceropegia molaventi* (Peckover & A.E.van Wyk) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, KwaZulu-Natal, Weza State Forest, Ngele Nature Reserve, near Kwa-Shwili Hut on the Ngele Hiking Trail, 21/11/1994, A.E. van Wyk 12483 (PRU, holo.; NH, iso.)
- Brachystelma montanum* R.A.Dyer, Bothalia 6: 540 (1956) = *Ceropegia montiphila* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma montanum* R.A.Dyer, Type: South Africa, Eastern Cape, on Andriesberg near Queenstown, Dec. 1921, Galpin 6278 (PRE, holo.; K)
- Brachystelma nanum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 848 (1908) = *Ceropegia nanior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma nanum* (Schltr.) N.E.Br., Type: South Africa, Free State, Renosterkop near Vaal River, Jan., Zeyher 509 (CAL, lecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Brachystelma natalense* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 850 (1908) = *Anisotoma natalensis* (Schltr.) Meve, Heiduk & Liede, Syst. Biodivers. 15(2): 149 (2016), Type: South Africa, KwaZulu-Natal, Inanda, M. Wood 176 (B†; NH, lecto.; PRE, photo.)
- Brachystelma ngomense* R.A.Dyer, Bothalia 12(2): 255 (1977) = *Ceropegia ngomensis* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, KwaZulu-Natal, near Ngome, Hilliard & Burt 8441 (PRE, holo.; NU)

- Brachystelma occidentale* Schltr., Verh. Bot. Vereins Prov. Brandenburg 35: 53 (1893) = *Ceropegia occidens* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma occidentale* Schltr., Type: South Africa, Cape Peninsula near Smitswinkel Bay, 17 Apr. 1892, Schlechter 666 (K, lecto.; BOL, isolecto.). Lectotype designated by Bruyns et al., South African Journal of Botany 112: 434 (2017).
- Brachystelma oianthum* Schltr., Bot. Jahrb. Syst. 20(5, Beibl. 51): 53 (1895) = *Ceropegia oiantha* (Schltr.) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Transvaal, west of Potchefstroom towards Modderfontein, 16 Jan. 1947, Louw 1545 (PRE, neo.). Neotype designated by Bruyns, South African Journal of Botany 112: 434 (2017).
- Brachystelma pachypodium* R.A.Dyer, Fl. Pl. Africa 32: t. 1269 (1958) = *Ceropegia pachypodium* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, Limpopo, The Downs, Codd 9456 (PRE, holo.; K, iso.)
- Brachystelma parvulum* R.A.Dyer, Bothalia 12(3): 447 (1978) = *Ceropegia parvior* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma parvulum* R.A.Dyer, Type: South Africa, Limpopo, summit of Transvaal Drakensberg, above Strijdom Tunnel, D.S. Hardy 4090 (PRE, holo.)
- Brachystelma perditum* R.A.Dyer, J. S. African Bot. 43(1): 10 (1977) = *Ceropegia perditia* (R.A.Dyer) Bruyns, S. African J. Bot. 112: 434 (2017), Type: South Africa, KwaZulu-Natal, Nyiginye (Niginya) north of Ntabamh-lope in Drakensberg, Wylie sub Medley Wood 11229 (NH 12260) (NH, holo.)
- Brachystelma petraeum* R.A.Dyer, J. S. African Bot. 43(1): 17 (1977) = *Ceropegia petrophila* Bruyns, S. African J. Bot. 112: 434 (2017), nom.nov. pro *Brachystelma petraeum* R.A.Dyer, Type: South Africa, KwaZulu-Natal, Byrne Valley Escarpment, Hilliard 5601 (PRE, holo.; NU, iso.)
- Brachystelma praelongum* S.Moore, J. Bot. 40: 384 (1902) = *Ceropegia praelonga* (S.Moore) Bruyns, S. African J. Bot. 112: 435 (2017), Type: South Africa, Free State, Kroonstad area near Vrededorf Road, Barrett-Hamilton s.n. (BM, holo.)
- Brachystelma pulchellum* (Harv.) Schltr., Bot. Jahrb. Syst. 20(5, Beibl. 51): 53 (1895) = *Ceropegia pulchellior* Bruyns, S. African J. Bot. 112: 435 (2017), nom.nov. pro *Brachystelma pulchellum* (Harv.) Schltr., Type: South Africa, KwaZulu-Natal, Sanderson 342 (TCD, holo.)
- Brachystelma pygmaeum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 857 (1908) = *Ceropegia breviflora* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Transvaal, Mooifontein near Heidelberg, Schlechter 3568 (missing). South Africa, Natal, Vernon Crooke's Reserve, 10 January 1991, P.V. Bruyns 4426 (BOL, neo; PRE, isoneo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Brachystelma pygmaeum* (Schltr.) N.E.Br. subsp. *flavidum* (Schltr.) R.A.Dyer, Bothalia 12(4): 629 (1979) = *Ceropegia breviflora* (Schltr.) Bruyns subsp. *flavida* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Natal, Fairfield, Alexandra-County, 9 Aug. 1909, Rudatis 459 (NBG, neo.; PRE, isoneo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Brachystelma pygmaeum* (Schltr.) N.E.Br. subsp. *pygmaeum* = *Ceropegia breviflora* (Schltr.) Bruyns, S. African J. Bot. 112: 433 (2017), Type: South Africa, Transvaal, Mooifontein near Heidelberg, Schlechter 3568 (missing). South Africa, Natal, Vernon Crooke's Reserve, 10 January 1991, P.V. Bruyns 4426 (BOL, neo; PRE, isoneo.). Neotype designated by Bruyns et al., South African Journal of Botany 112: 433 (2017).
- Brachystelma ramosissimum* (Schltr.) N.E.Br., Fl. Cap. (Harvey) 4(1,5): 855 (1908) = *Ceropegia ramosissima* (Schltr.) Bruyns, S. African J. Bot. 112: 432 (2017), Type: South Africa, North West, near Potchefstroom at Mooifontein, Schlechter 3554 (B†, holo.; BOL, lecto.; GRA)

- Brachystelma remotum* R.A.Dyer, *Bothalia* 12(1): 55 (1976) = *Ceropegia remota* (R.A.Dyer) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, KwaZulu-Natal, near Utrecht on Naauihoek Plateau, Oct. 1962, Devenish 914 (PRE, holo.)
- Brachystelma rubellum* (E.Mey.) Peckover, *Aloe* 33(2–3): 43 (1996) = *Ceropegia rubella* (E.Mey.) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, Uitenhage div., Addo, 1837, Drège 2227 (K000305406, lecto.; K, isolecto.). Lectotype designated by Bruyns et al., *South African Journal of Botany* 112: 435 (2017).
- Brachystelma sandersonii* (Oliv.) N.E.Br., *Fl. Cap. (Harvey)* 4(1,5): 850 (1908) = *Ceropegia sandersoniana* Bruyns, *S. African J. Bot.* 112: 432 (2017), nom.nov. pro *Lasiostelma sandersonii* Oliv., Type: South Africa, KwaZulu-Natal, Sanderson 436 (partly) (K, lecto.; NH, isolecto.)
- Brachystelma schizoglossoides* (Schltr.) N.E.Br., *Fl. Cap. (Harvey)* 4(1,5): 849 (1908) = *Ceropegia schizoglossoides* (Schltr.) Bruyns, *S. African J. Bot.* 112: 432 (2017), Types: South Africa, Eastern Cape, near Grahamstown, Glass s.n. (B†); Bolus 6694 (B†; K, lecto.; BOL)
- Brachystelma schoenlandianum* Schltr., *Bot. Jahrb. Syst.* 18(4, Beibl. 45): 35 (1894) = *Ceropegia schoenlandiana* (Schltr.) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, dry hills near Uitenhage, 17 April 1893, Schlechter 2585 (missing)
- Brachystelma setosum* Peckover, *Aloe* 31(3–4): 76 (1994) = *Ceropegia setosa* (Peckover) Bruyns, *S. African J. Bot.* 112: 435 (2017)
- Brachystelma stellatum* E.A.Bruce & R.A.Dyer, *Fl. Pl. Africa* 30: t. 1165 B (1954) = *Ceropegia stellata* (E.A.Bruce & R.A.Dyer) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, Mpumalanga, Lydenburg, Codd 5648 (PRE, holo.)
- Brachystelma stenophyllum* (Schltr.) R.A.Dyer, *Bothalia* 10(2): 376 (1971) = *Ceropegia stenifolia* Bruyns, *S. African J. Bot.* 112: 435 (2017), nom.nov. pro *Brachystelma stenophyllum* (Schltr.) R.A.Dyer, Type: Namibia, near Grootfontein, Dinter 2361 (B†, holo.; SAM, lecto.)
- Brachystelma swazicum* R.A.Dyer, *Bothalia* 12(1): 56 (1976) = *Ceropegia swazica* (R.A.Dyer) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: Swaziland, above Mbabane, Bayliss 3733 (PRE, holo.)
- Brachystelma tabularium* R.A.Dyer, *Bothalia* 12(4): 629 (1979) = *Ceropegia tabularia* (R.A.Dyer) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, Eastern Cape, near Port Elizabeth, Paterson s.n. (BOL, holo.)
- Brachystelma tenellum* R.A.Dyer, *Fl. Pl. Africa* 42(3–4): t. 1664 (1973) = *Ceropegia tenella* (R.A.Dyer) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, KwaZulu-Natal, near Port Shepstone on Gibraltar Farm, Oribe Flats, Strey 10050 (PRE, holo.; NH, iso.)
- Brachystelma tenue* R.A.Dyer, *Bothalia* 10(2): 376 (1971) = *Ceropegia tenuior* Bruyns, *S. African J. Bot.* 112: 435 (2017), nom.nov. pro *Brachystelma tenue* R.A.Dyer, Type: South Africa, KwaZulu-Natal, Zululand, Ubombo district, near Lala Nek, Vahrmeijer 1049 (PRE, holo.)
- Brachystelma theronii* Bruyns, *Novon* 19(1): 21 (2009) = *Ceropegia theronii* (Bruyns) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, Northern Cape, Fraserburg distr., Tafelberg, 2/11/1991, P.V. Bruyns & A.S. Theron 4839 (BOL, holo.)
- Brachystelma thunbergii* N.E.Br., *Fl. Cap. (Harvey)* 4(1,5): 843 (1908) = *Ceropegia thunbergii* (N.E.Br.) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: South Africa, Western Cape, Malmesbury, Thunberg s.n., Herb. No. 6295 (UPS, holo.; PRE, photo.)
- Brachystelma tuberosum* (Meerb.) R.Br. ex Sims, *Bot. Mag.* 49: t. 2343 (1822), as 'tuberosa' = *Ceropegia spathulata* (Lindl.) Bruyns, *S. African J. Bot.* 112: 435 (2017), Type: Bot Reg. 13: t. 1113 (1827) (lecto.). Lectotype designated by Bruyns et al., *South African Journal of Botany* 112: 435 (2017).
- Brachystelma vahrmeijeri* R.A.Dyer, *Bothalia* 10(2): 378 (1971); Type: South Africa, KwaZulu-Natal, Zululand, near border between districts of Ubombo and Ingwavuma near Lala Nek,

- Vahrmeijer 1050 (PRE, holo.) = *Ceropegia cupulata* (R.A.Dyer) Bruyns, *S. African J. Bot.* **112: 433 (2017)**, Type: Namibia, Aha Mts, Jan. 1958, Story 6400 (PRE, holo.)
- Brachystelma villosum* (Schltr.) N.E.Br., *Fl. Cap. (Harvey)* 4(1,5): 863 (1908) = *Ceropegia villosa* (Schltr.) Bruyns, *S. African J. Bot.* **112: 435 (2017)**, Type: South Africa, Mpumalanga, Barberton, Galpin 588 (B†, holo.; PRE, lecto.)
- Brachystelma waterbergense* Peckover, *Aloe* 52(2): 51 (2016), as 'waterbergensis'; Type: South Africa, Limpopo, 2428 Modimolle, Klein Elandsfontein, 23 December 2014, Peckover 229 (PRU, holo.) = *Ceropegia waterbergensis* (Peckover) Bruyns, *S. African J. Bot.* **116: 141 (2018)**, Type: South Africa, Limpopo, Modimolle, Klein Elandsfontein, 23/12/201, R. Peckover 229 (PRU, holo.)

CEROPEGIA L.

- Ceropegia nilotica* Kotschy var. *plicata* (E.A.Bruce) H.Huber = *Ceropegia nilotica* Kotschy, *Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1*, **51: 356 (1865)**
- Ceropegia vahrmeijeri* (R.A.Dyer) Bruyns, *S. African J. Bot.* **112: 435 (2017)** = *Ceropegia cupulata* (R.A.Dyer) Bruyns, *S. African J. Bot.* **112: 433 (2017)**, Type: Namibia, Aha Mts, Jan. 1958, Story 6400 (PRE, holo.)

ASTERACEAE

ASTER L.

- Aster subulatus* Michx. = *Symphyotrichum subulatum* (Michx.) G.L.Nesom, *Phytologia* **77(3): 293 (1995)**

CURIO P.V.HEATH

- Curio cuneifolius* (L.) P.V.Heath, *Calyx* 6(2): 54 (1999) = *Othonna arborescens* L., *Sp. Pl., ed. 2. 2: 1310 (1763)*, Type: Illustration of 'Doria Africana arborescens, floribus singularibus' in Dillenius, *Hort. Eltham. 1: 123, t. 103, f. 123 (1732) (lecto.)*.
Lectotype designated by Nordenstam in Jarvis, *Order out of chaos: 714 (2007)*.

MARASMODES DC.

- Marasmodes beyersiana* S.Ortiz, *Bot. J. Linn. Soc.* 159(2): 331 (2009); Type: South Africa. Western Cape, Simonstown: Faure, 11 May 1945, L. Bolus 23198 (BOL, holo.) = *Marasmodes polycephala* DC., *Prodr. [A. P. de Candolle] 6: 136 (1838)*, Type: South Africa. Western Cape, Stellenbosch, Hottentottsholland, May 1835, Ecklon 1333 (G-DC, holo.; NBG, P, S, iso.)
- Marasmodes schlechteri* Magee & J.C.Manning, *S. African J. Bot.* 76(2): 280 (2010); Type: South Africa. Western Cape, Clanwilliam: western foot of Piekenierskloof Pass, 27 May 2009, A.R. Magee, J.C. Manning & J.S. Boatwright 145 (NBG, holo.; BOL, K, PRE, S, iso.) = *Marasmodes oubinae* S.Ortiz, *Bot. J. Linn. Soc.* 159(2): 338 (2009), Type: South Africa. Western Cape, Cape Town: between Malmesbury and Hopefield, near Oude Post, 24 Apr 1934, T.M. Salter 4408 (NBG, holo.; BM, BOL, K, iso.)

OTHONNA L.

- Othonna koos-bekkeri* Van Jaarsv., *Bradleya* 38: 225 (2020); Type: South Africa, Northern Cape: Tafelkop near Kosies (Steinkopf, Richtersveld), Van Jaarsveld & Combrink 27729 (NBG, holo.) = *Othonna cerarioides* Magoswana & J.C.Manning, *Nordic J. Bot.* **38(3)-e02588: 2 (2020)**, Type: South Africa, Northern Cape, Springbok: Brandberg, near O'kiep, 13 May 1978, Hugo 1214 (NBG, holo.; PRE, iso.)

BRASSICACEAE

CARDAMINE L.

Cardamine trichocarpa Hochst. ex A.Rich. subsp. *elegans* (Engl.) O.E.Schulz = *Cardamine trichocarpa* Hochst. ex A.Rich.

HELIOPHILA L.

Heliophila abrotanifolia Banks ex DC., Syst. Nat. [Candolle] 2: 690 (1821) = *Heliophila carnosa* (Thunb.) Steud.

Heliophila arenaria Sond. var. *acocksii* Marais, Bothalia 9(1): 97 (1966); Type: South Africa, Northern Cape: Namakwa, Hantam, Calvinia, Lokenburg North, Boklandskloof, 13 October 1958, J.P.H. Acocks 19750 (PRE0406413-0, holo.; BOL108667, K000230383, iso.) = *Heliophila arenaria* Sond. subsp. *acocksii* (Marais) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila arenaria Sond. var. *agtertuinensis* (O.E.Schulz) Marais = *Heliophila agtertuinensis* (O.E.Schulz) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila arenaria Sond. var. *glabrescens* (O.E.Schulz) Marais = *Heliophila glabrescens* (O.E.Schulz) Al-Shehbaz, Harvard Pap. Bot. 25(1): 3 (2020)

Heliophila diffusa (Thunb.) DC. var. *flacca* (Sond.) Marais = *Heliophila diffusa* (Thunb.) DC. subsp. *flacca* (Sond.) Al-Shehbaz, Harvard Pap. Bot. 25(1): 2 (2020)

Heliophila elata Sond. var. *elata* = *Heliophila elata* Sond. subsp. *elata*

Heliophila elata Sond. var. *pillansii* Marais, Bothalia 9(1): 98 (1966); Type: South Africa, Western Cape: West Coast, Bergrivier, Piquetberg Range, between Avontuur and Zebra Kop, 9 November 1934, N.S. Pillans 7603 (BOL135669, holo.; BOL135668, GRA0000996-0, K000230364, NBG0003141-0, iso.) = *Heliophila elata* Sond. subsp. *pillansii* (Marais) Al-Shehbaz, Harvard Pap. Bot. 25(1): 3 (2020)

Heliophila meyeri Sond. var. *minor* Marais, Bothalia 9(1): 99 (1966); Type: South Africa, Western Cape: Overberg District, Swellendam Municipality, 26 September 1933, F.M. Leighton s.n. (BOL108455, holo.) = *Heliophila minor* (Marais) Al-Shehbaz

Heliophila pusilla L.f. var. *macrosperma* Marais, Bothalia 9(1): 100 (1966) = *Heliophila pusilla* L.f. subsp. *macrosperma* (Marais) Al-Shehbaz

MATTHIOLA R.BR.

Matthiola bicornis (Sibth. & Sm.) DC. = *Matthiola longipetala* (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball

CACTACEAE

HYLOCEREUS (A.BERGER) BRITTON & ROSE

Hylocereus undatus (Haw.) Britton & Rose = *Selenicereus undatus* Haw. & D.R.Hunt, Cactaceae Syst. Init. 36: 35 (2017)

CYPERACEAE

COURTOISIA NEES

Courtoisia cyperoides (Roxb.) Sojak, Cas. Nár. Muz. Praze, Rada Prír. 148(3-4): 193 (1980) = *Cyperus pseudokyllingioides* Kuk., Pflanzenr. IV. 20(Heft 101): 501 (1936)

FUIRENA ROTTB.

Fuirena ciliaris (L.) Roxb. var. *ciliaris* = *Fuirena ciliaris* (L.) Roxb. forma *ciliaris*

SCHOENOPLECTUS (RCHB.) PALLA

Schoenoplectus muriculatus (Kuk.) Browning, S. African J. Bot. 57(5): 254 (1991) =

Schoenoplectus muricinux (C.B.Clarke) J.Raynal, Adansonia sér. 2, 15(4): 538 (1976)

ERICACEAE

ERICA L.

Erica barbiger Salisb., Trans. Linn. Soc. London 6: 341 (1802), (exact application unknown);

Type: South Africa, Western Cape, Hottentots Holland, Masson s.n. (not seen) = *Erica barbigeroides* E.G.H.Oliv., *Bothalia* 23(1): 1 (1993), nom.nov. pro *Blaeria revoluta* Bartl. (1832), Type: South Africa, Western Cape, Kleinriviersbergen, Ecklon s.n. (B†, holo; S, lecto.). Lectotype designated by Oliver, *Bothalia* 23(1): 1 (1993).

FABACEAE

ACACIA MILL.

Acacia fleckii Schinz, Mem. Herb. Boissier 1: 108 (1900); Type: Botswana, Ghanzi, Fleck 412a

(Z, holo.) = *Senegalia fleckii* (Schinz) Boatwr., Bot. J. Linn. Soc. 179(2): 293 (2015),

Type: Botswana, Ghanzi, Fleck 412a (Z, holo.)

CALLIANDRA BENTH.

Calliandra redacta (J.H.Ross) Thulin & Hunde, Nordic J. Bot. 1(1): 29 (1981) = *Afrocalliandra*

redacta (J.H.Ross) E.R.Souza & L.P.Queiroz, *Taxon* 62(6): 1213 (2013), Type: South Africa. Cape Province, N of Sunkfontein on the way to Jenkinskop, 15 Nov. 1971,

M.J.A. Werger 1518 (PRE, holo.; K, iso.)

SENEGALIA RAF.

Senegalia cinerea (Schinz) Kyal. & Boatwr., Bot. J. Linn. Soc. 172(4): 508 (2013), nom.illegit.

= *Senegalia fleckii* (Schinz) Boatwr., Bot. J. Linn. Soc. 179(2): 293 (2015), Type: Botswana, Ghanzi, Fleck 412a (Z, holo.)

VACHELLIA WIGHT & ARN.

Vachellia montana (P.P.Sw.) Kyal. & Boatwr., Bot. J. Linn. Soc. 172(4): 514 (2013),

nom.illegit. = *Vachellia theronii* (P.P.Sw.) Boatwr., Bot. J. Linn. Soc. 179(2): 293 (2015), Type: South Africa, KwaZulu-Natal, Hlabisa District, Swartz 178 (PRE, holo.; PRU, iso.)

VIGNA SAVI

Vigna unguiculata (L.) Walp. subsp. *dekindtiana* (Harms) Verdc. var. *huillensis* (Welw. ex

Baker) B.J.Pienaar, S. African J. Bot. 58(6): 422 (1992), sensu Pienaar (1992), misapplied name = *Vigna unguiculata* (L.) Walp. subsp. *stenophylla* (Harv.) Marechal, Mascherpa & Stainier, *Taxon* 27(2-3): 200 (1978)

Vigna unguiculata (L.) Walp. subsp. *dekindtiana* (Harms) Verdc. var. *tenuis* (E.Mey.) Mithen,

Kirkia 14(1): 106 (1993) = *Vigna unguiculata* (L.) Walp. subsp. *tenuis* (E.Mey.) Marechal, Mascherpa & Stainier, *Taxon* 27(2-3): 200 (1978)

Vigna unguiculata (L.) Walp. subsp. *dekindtiana* (Harms) Verdc. var. *kgalagadiensis* Mithen, Kirkia 14(1): 105 (1993); Type: Botswana, W of Dutilwe, Mithen 528 (SRGH, holo.; GAB, K, PRE, iso.) = *Vigna unguiculata* (L.) Walp. subsp. *stenophylla* (Harv.) Marechal, Mascherpa & Stainier, Taxon 27(2-3): 200 (1978)

Vigna unguiculata (L.) Walp. subsp. *protracta* (E.Mey.) B.J.Pienaar, S. African J. Bot. 58(6): 420 (1992) = *Vigna unguiculata* (L.) Walp. subsp. *stenophylla* (Harv.) Marechal, Mascherpa & Stainier, Taxon 27(2-3): 200 (1978)

Vigna unguiculata (L.) Walp. subsp. *tenuis* (E.Mey.) Marechal, Mascherpa & Stainier var. *ovata* (E.Mey.) B.J.Pienaar, S. African J. Bot. 58(6): 424 (1992) = *Vigna unguiculata* (L.) Walp. subsp. *tenuis* (E.Mey.) Marechal, Mascherpa & Stainier, Taxon 27(2-3): 200 (1978)

HYDROCHARITACEAE

NAJAS L.

Najas setacea (A.Br.) Rendle, Trans. Linn. Soc. London, Bot. 5(12): 422 (1899) = *Najas australis* Bory ex Cham., Linnaea 4(1): 501 (1829)

HYPNACEAE

HYPNUM HEDW.

Hypnum aduncooides (Brid.) Mull.Hal., Syn. Musc. Frond. 2: 295 (1851) = *Hypnum macrogynum* Besch., Ann. Sci. Nat., Bot., sér. 7, 15: 91 (1892)

LAURACEAE

LITSEA LAM.

Litsea sebifera Pers. = *Litsea glutinosa* (Lour.) C.B.Rob.

LEJEUNEACEAE

LEJEUNEA LIB.

Lejeunea caespitosa Lindenb., Syn. Hepat.: 382 (1845) = *Lejeunea capensis* Gottsche, Syn. Hepat.: 374 (1845)

LEUCOLEJEUNEA A.EVANS

Leucolejeunea xanthocarpa (Lehm. & Lindenb.) A.Evans, Torreyia 7: 229 (1907) = *Cheilolejeunea xanthocarpa* (Lehm. & Lindenb.) Malombe, Acta Bot. Hung. 51(3-4): 326 (2009)

LESKEACEAE

PSEUDOLESKEOPSIS BROTH.

Pseudoleskeopsis unilateralis Dixon, Kongel. Norske Vidensk. Selsk. Forh. 1932(4): 17 (1932) = *Pseudoleskeopsis claviramea* (Mull.Hal.) Ther., Ann. Cryptog. Exot. 2: 20 (1929)

LOBELIACEAE

LOBELIA L.

Lobelia eurypoda E.Wimm. var. *fissurarum* E.Wimm. = *Lobelia eurypoda* E.Wimm., Ann. Naturhist. Mus. Wien 56: 362 (1948)

LYTHRACEAE

NESAEA KUNTH

- Nesaea alata* Immelman, Bothalia 21(1): 44 (1991) = *Ammannia alata* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 72 (2013), Type: South Africa, Transvaal, Phalaborwa, Kruger National Park, Mtomene Pan, Mai 1977, W.P.D. Gertenbach 7006 (PRE [820010-0], holo.; KNP, iso.)
- Nesaea cordata* Hiern, Fl. Trop. Afr. [Oliver et al.] 2: 475 (1871) = *Ammannia involucrata* S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 76 (2013), nom.nov. pro *Nesaea cordata* Hiern., Type: Angola, Lower Guinea, Pungo a Ndongo, F. Welwitsch 2327 (BM 902424, upper half of sheet, lecto.; M 16656, PRE, isolecto.). Lectotype 1st step designated by Panigrahi, Bull. Bot. Surv. India 18: 186 (1976); 2nd step by Immelman, Bothalia 21(1): 43 (1991).
- Nesaea crassicaulis* (Guill. & Perr.) Koehne, Bot. Jahrb. Syst. 3(3): 324 (1882) = *Ammannia crassicaulis* Guill. & Perr., Fl. Seneg. Tent. 1(8): 303 (1833), Type: Senegal, Crescit in paludosis circa Khann in peninsula Promontorii-Viridis; ad fontes Ghiecouil, in regno Cayor, G. Perrottet 337 (S 09-22840, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 74 (2013).
- Nesaea cymosa* Immelman, Bothalia 21(1): 42 (1991) = *Ammannia cymosa* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 74 (2013), Type: South Africa, Cape Province, Glen Lyon, Hay division, Paardekloof [Perdekloof], May 1942, T. Cooke. s.n. (PRE 820012-0, holo.)
- Nesaea dinteri* Koehne subsp. *elata* A.Fern., Bol. Soc. Brot. sér. 2, 48: 122 (1975); Type: Zambia, Mumbwa, Chunga, Kafue National Park, B.L. Mitchell 18/50 (LISC 2447, holo.; COI, PRE 820013-0, SRGH, iso.) = *Ammannia auriculata* Willd., Hort. Berol. [Willdenow] 1(1): 7, t. 7 (1803), Type: Egypt, near Rosetta, cult. in Berlin (B-WILLD 3081, lecto.). Lectotype designated by Graham, Journal of the Arnold Arboretum 66: 403 (1985).
- Nesaea drummondii* A.Fern., Bol. Soc. Brot. sér. 2, 48: 124 (1975) = *Ammannia drummondii* (A.Fern.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 74 (2013), Type: Botswana, Namibian border, W of Knau Knau, Chadum Valley, 14 Mar 1965, H. Wild & R.B. Drummond 7019 (SRGH, holo.; COI, K 310519, iso.)
- Nesaea passerinoides* (Welw. ex Hiern) Koehne, Bot. Jahrb. Syst. 3(3): 338 (1882) = *Ammannia passerinoides* Welw. ex Hiern, Fl. Trop. Afr. [Oliver et al.] 2: 480 (1871), Type: Angola, Huilla, F. Welwitsch 2336 (LISU 209455, lecto.; BM 902417, LD 1037862, LISU 209456, LISC 209457, M 106652, M 106653, PRE 819999-0, isolecto.). Lectotype (as holotype) designated by Fernandes, Conspectus Florae Angolensis: 186-187 (1970).
- Nesaea radicans* Guill. & Perr., l. Seneg. Tent. 1: 306, t. 70 (1833) = *Ammannia radicans* (Guill. & Perr.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013), Type: Senegal, Cayor, G. Perrottet 341 (P, lecto.; BM, S 09-22859, isolecto.). Lectotype designated by Verdcourt, Flora of Tropical East Africa: 21 (1994).

- Nesaea radicans* Guill. & Perr. var. *floribunda* (Sond.) A.Fern., Bol. Soc. Brot. sér. 2, 48: 117 (1975) = *Ammannia radicans* (Guill. & Perr.) S.A.Graham & Gandhi var. *floribunda* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013), Type: South Africa, KwaZulu-Natal, “On the Omblas River, near Port Natal” [Umlaas River, near Durban], Apr, J.F. Drége s.n., (S S-G-6121, lecto.; K 310527, PRE, S S09-23095, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 81 (2013).
- Nesaea rigidula* (Sond.) Koehne, Bot. Jahrb. Syst. 3(3): 333 (1882) = *Ammannia rigidula* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 81 (2013), Type: South Africa, Gauteng, Aapies River, C. Zeyher 542 (S-G-3867, holo.; CGE 162, K 310531, LD 1010613, SAM 36425-0, iso.)
- Nesaea sagittifolia* (Sond.) Koehne, Bot. Jahrb. Syst. 3(3): 339 (1882) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013), Type: South Africa, Mpumalanga, Hoogevelde bei Standarton, A. Rehmann 6796 (B, destroyed, holo.; Z 27751, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Nesaea sagittifolia* (Sond.) Koehne var. *ericiformis* Koehne forma *ericiformis* (Koehne) Immelman, Bothalia 21(1): 47 (1991) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Koehne) S.A.Graham & Gandhi forma *ericiformis*, Harvard Pap. Bot. 18(1): 82 (2013), Type: South Africa, KwaZulu-Natal, Maritzburg, A. Rehmann 7599 (B, destroyed, holo.; Z 27750, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Nesaea sagittifolia* (Sond.) Koehne var. *ericiformis* Koehne forma *swaziensis* Immelman, Bothalia 21(1): 48 (1991) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Immelman) S.A.Graham & Gandhi forma *swaziensis*, Harvard Pap. Bot. 18(1): 82 (2013), Type: Swaziland, Mbabane, Manzini District, Mpsi Government Farm, 22 Jun 1962, M.C. Karsten s.n. (PRE 49640, holo.; NBG, iso.)
- Nesaea sagittifolia* (Sond.) Koehne var. *ericiformis* Koehne, Bot. Jahrb. Syst. 22(1): 152 (1895) = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *ericiformis* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 82 (2013), Type: South Africa, KwaZulu-Natal, Maritzburg, A. Rehmann 7599 (B, destroyed, holo.; Z 27750, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 82 (2013).
- Nesaea sagittifolia* (Sond.) Koehne var. *sagittifolia* = *Ammannia sagittifolia* (Sond.) S.A.Graham & Gandhi var. *sagittifolia*
- Nesaea schinzii* Koehne, Verh. Vereins Prov. Brandenburg 30: 250 (1888) = *Ammannia schinzii* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 83 (2013), Type: South Africa, Northern Cape province, Oshando in Upingtonia, Mar 1886, H. Schinz 517 (B, destroyed, holo.; BOL 138188, lecto.; K 310537, Z 27753, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 83 (2013).
- Nesaea schlechteri* A.Fern., Garcia de Orta, Ser. Bot. 4(2): 189 (1980) = *Ammannia schlechteri* (A.Fern.) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 83 (2013), Type: South Africa, Limpopo, Sandfontein, 19 Jan 1894, F.R.R. Schlechter 4243 (MO 313238, holo.; BR 6259969, E 217865, PRE 322201-0, S09-22874, iso.)
- Nesaea tolypobotrys* Koehne, Bot. Jahrb. Syst. 22(1): 151 (1895) = *Ammannia tolypobotrys* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 84 (2013), Type: South Africa, KwaZulu-Natal, Umhlatuzaan River, Dec., J.M. Wood 334 (B, destroyed, holo.; BM 902414, lecto.; GRA 2179-0, Z 27755, isolecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 84 (2013).
- Nesaea wardii* Immelman, Bothalia 21(1): 42 (1991) = *Ammannia wardii* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013), Type: South Africa, KwaZulu-Natal, Nkandla, Umfolozi Game Reserve, 7 Dec 1954, C.J. Ward 2456 (PRE 322377-0, holo.; NU 15513-0, iso.)

Nesaea woodii Koehne, Pflanzenr. (Engler) IV. 216(Heft 17): 238 (1903) = *Ammannia woodii* (Koehne) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013), Type: South Africa, KwaZulu-Natal, Zululand, by Tugela River, J. Wylie 5689a (PRE, lecto.; BOL, E 217864, K 310536, PH 19295, SAM, isolecto.). Lectotype designated by Immelman, Bothalia 21(1): 45-46 (1991).

Nesaea zambatidis Immelman, Bothalia 21(1): 46 (1991) = *Ammannia zambatidis* (Immelman) S.A.Graham & Gandhi, Harvard Pap. Bot. 18(1): 85 (2013), Type: South Africa, Limpopo, near Waterpoort, east of Pylkop Station, north of the Soutpansberg, Farm Driehoek, 9 Mai 1984, K. Balkwill 1651 (PRE 668482-0, holo.; NU 15512-0, iso.)

MELASTOMATACEAE

TIBOUCHINA AUBL.

Tibouchina granulosa (Desr.) Cogn. = *Pleroma granulorum* (Desr.) D.Don, Mem. Wern. Nat. Hist. Soc. 4: 295 (1823), Type: Brazil, Rio de Janeiro: a la moutague des Capucius, Jul 1767, Commerson s.n. (P00708953, lecto.; C, P00708952, P00708954, isolecto.). Lectotype designated by Guimaraes et al., (2019).

Tibouchina urvilleana (DC.) Cogn. = *Pleroma urvilleanum* (DC.) P.J.F.Guim. & Michelangeli, Taxon 68(5): 991 (2019), Type: Brazil, Santa Catarina: 1825, J.S.C.D. D'Urville s.n. (WNo. 1889-0015758, lecto.; B [probably destroyed; F negative F0BN016805], P00708937, P00708938, isolecto.). Lectotype designated by Guimaraes et al. (2019).

MORACEAE

FICUS L.

Ficus petersii Warb., Bot. Jahrb. Syst. 20(1-2): 164 (1894) = *Ficus thonningii* Blume, Rumphia 2: 18 (1838)

ORCHIDACEAE

STENOGLOTTIS LINDL.

Stenoglottis fimbriata Lindl. subsp. *saxicola* (Schltr. ex Kraenzl.) G.McDonald, Orchids S. Africa 39(2): 11 (2008) = *Stenoglottis fimbriata* Lindl. var. *fimbriata*

Stenoglottis modesta Truter & K.G.Joliffe, Orchids S. Africa 42(1):12 (2011), as 'modestus'; Type: South Africa, KwaZulu-Natal, Vryheid, Vryheid Hill Nature Reserve, 10/2009, C.M.Gibbon s.n. (PRU, holo.) = *Stenoglottis fimbriata* Lindl. var. *modesta* (Truter & K.G.Joliffe) D.P.Phillips & Bytebier, Phytotaxa 456(3): 228 (2020), Type: South Africa. KwaZulu-Natal: Vryheid, Lancaster Hill, 3 Jan 2009, Gibbon s.n. (PRU115533, holo.)

Stenoglottis molweniensis G.McDonald ex J.M.H.Shaw, Orchid Rev. Suppl., 115(1278): 24 (2007); Type: South Africa, KwaZulu-Natal, unknown locality inland from Durban, date unknown (prior to May 1982), Joyce Stewart 2275 (WSY0100905, holo.) = *Stenoglottis longifolia* Hook.f., Bot. Mag. 117: t. 7186 (1891), Type: South Africa. KwaZulu-Natal: Ngoye Forest, date unknown (ex hort. 24 Sep 1889), Wood s.n. (K000415559, holo.)

Stenoglottis zambsesiaca Rolfe, Fl. Trop. Afr. [Oliver et al.] 7(1): 190 (1897); Type: Malawi. Shire Highlands, 1891, Buchanan 385 (K000415557, holo.; BM000034610, iso.) = *Stenoglottis fimbriata* Lindl. var. *fimbriata*

PLANTAGINACEAE

ANTIRRHINUM L.

Antirrhinum linifolium L., Sp. Pl., ed. 2. 2: 858 (1763) = *Linaria vulgaris* Mill., Gard. Dict., ed. 8. [unpaged] *Linaria* no. 1 (1768)

LINARIA MILL.

Linaria linifolia F.Dietr., Nachtr. Vollst. Lex. Gärtn. 4: 415 (1818) = *Linaria vulgaris* Mill., Gard. Dict., ed. 8. [unpaged] *Linaria* no. 1 (1768)

POACEAE

DIPLACHNE P.BEAUV.

Diplachne capensis Nees, Fl. Afr. Austral. 3: 256 (1841), Status doubtful = *Leptochloa fusca* Kunth subsp. *fusca*

Diplachne capensis Nees var. *concinna* Nees, Fl. Afr. Austral. 3: 257 (1841), Status doubtful = *Leptochloa fusca* Kunth subsp. *fusca*

Diplachne capensis Nees var. *minor* Nees, Fl. Afr. Austral. 3: 257 (1841), Status doubtful = *Leptochloa fusca* Kunth subsp. *fusca*

Diplachne capensis Nees var. *obscura* Nees, Fl. Afr. Austral. 3: 256 (1841), Status doubtful = *Leptochloa fusca* Kunth subsp. *fusca*

Diplachne capensis Nees var. *prolifera* Nees, Fl. Afr. Austral. 3: 257 (1841), Status doubtful = *Leptochloa fusca* Kunth subsp. *fusca*

THAMNOCALAMUS MUNRO

Thamnocalamus tessellatus (Nees) Soderstr. & R.P.Ellis, Bothalia 14(1): 54 (1982) = *Bergbambos tessellata* (Nees) Stapleton, PhytoKeys 25: 99 (2013), Type: South Africa, Katberg, J.F. Drège s.n. (K, lecto.). Lectotype designated by Soderstrom & Ellis, Bothalia 14: 54 (1982).

POLYGALACEAE

POLYGALA L.

Polygala capillaris E.Mey., Zwei Pflanzengeogr. Dokum.: 212 (1843) = *Polygala capillaris* E.Mey. ex Harv., Fl. Cap. (Harvey) 1: 93 (1860)

PONTEDERIACEAE

MONOCHORIA C.PRESL

Monochoria africana (Solms) N.E.Br., Fl. Trop. Afr. [Oliver et al.] 8(1): 5 (1901) = *Pontederia africana* (Solms) M.Pell. & C.N.Horn, PhytoKeys 108: 57 (2018), Type: Holotype (B†); Central African Republic, Djur Region, Seriba Ghattas, fl. 27 Aug 1869, G.A. Schweinfurth 2296 (PRE0792113-0, lecto.; K000321232, K000321233, isolecto.). Lectotype designated by Pellegrini et al., PhytoKeys 108: 57 (2018).

RHAMNACEAE

BERCHEMIA NECK. EX DC.

- Berchemia discolor* (Klotzsch) Hemsl., Fl. Trop. Afr. [Oliver et al.] 1: 381 (1868) =
Phyllogeiton discolor (Klotzsch) Herzog, Beih. Bot. Centralbl. 15: 169 (1903), Types:
Sena, W.C.H. Peters (K000036298, P00434322, syn.)
- Berchemia zeyheri* (Sond.) Grubov, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist.
Vyssh. Rast. 8: 374 (1949) = *Phyllogeiton zeyheri* (Sond.) Suess., Mitt. Bot.
Staatssamml. München Heft 6: 182 (1953), Type: South Africa, “Macalisberg, Nov.,
Zeyher 316. (Herb. Sond., T.C.D.)” (TCD0001500, holo.; CGE00094, K000036302,
MEL2442014, P00434320, P00434321, PRE0280001-0, S-G-5239, iso.)
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RUSCACEAE

ERIOSPERMUM JACQ. EX WILLD.

- Eriospermum flagelliforme* (Baker) J.C.Manning, Bothalia 30(2): 157 (2000) = *Eriospermum*
abyssinicum Baker, J. Linn. Soc., Bot. 15: 263 (1876), Type: South Africa, Apies
[“Aapages”] River, Burke (K00257124, holo.)
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SALICACEAE

POPULUS L.

- Populus alba* L. var. *subintegerrima* Lange, Prodr. Fl. Hispan. 1: 233 (1861) = *Populus alba* L.,
Sp. Pl. [Linnaeus] 2: 1034 (1753)
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SEMATOPHYLLACEAE

MEIOTHECIUM MITT.

- Meiothecium fuscescens* (A.Jaeger ex Paris) Broth., Nat. Pflanzenfam. I(3): 1103 (1908 =
Donnellia fuscescens (A.Jaeger ex Paris) P.E.A.S.Câmara & Carv.-Silva, Acta Mus.
Siles. Sci. Nat. 68(1–2): 159 (2019), Type: South Africa. Promontorium Bonae Spei,
Bergius s.n. (BM, iso.)
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SOLANACEAE

DATURA L.

- Datura innoxia* Mill. = *Datura innoxia* Mill.
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VIOLACEAE

HYBANTHUS JACQ.

- Hybanthus densifolius* Engl. = *Afrohybanthus densifolius* (Engl.) Flicker, Phytotaxa 230(1):
47 (2015), Type: Namibia, Dinter 430 (P00631583, lecto.) Lectotype designated by
Flicker & Ballard, Phytotaxa 230: 47 (2015).

- Hybanthus enneaspermus* (L.) F.Muell., *Fragm. (Mueller)* 10(85): 81 (1876) = ***Afrohybanthus enneaspermus* (L.) Flicker, *Phytotaxa* 230(1): 47 (2015), Type: Sri Lanka, Hermann s.n. in Vol. I, p. 19 of *Hb. Hermann* (BM, lecto.). Lectotype designated by Grey-Wilson, *Flora of Tropical East Africa*: (1986).**
- Hybanthus enneaspermus* (L.) F.Muell. var. *diversifolius* Grey-Wilson, *Kew Bull.* 36(1): 106 (1981) = ***Afrohybanthus enneaspermus* (L.) Flicker, *Phytotaxa* 230(1): 47 (2015), Type: Sri Lanka, Hermann s.n. in Vol. I, p. 19 of *Hb. Hermann* (BM, lecto.). Lectotype designated by Grey-Wilson, *Flora of Tropical East Africa*: (1986).**
- Hybanthus enneaspermus* (L.) F.Muell. var. *serratus* Engl., *Bot. Jahrb. Syst.* 55: 398 (1919) = ***Afrohybanthus serratus* (Engl.) Flicker, *Phytotaxa* 230(1): 49 (2015), Type: South Africa, Schlechter 4218 (K000231107, lecto.). Lectotype designated by Flicker & Ballard, *Phytotaxa* 230: 49 (2015).**
- Hybanthus parviflorus* (L.f.) Baill. = ***Pombalia parviflora* (Mutis ex L.f.) Paula-Souza, *Phytotaxa* 183(1): 10 (2014), Type (protologue): “Habitat in Americae meridionalis calidioribus regionibus”, s.d., Mutis s.n. (LINN 1052-25, holo.)**
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**Taxonomic status change:
synonyms that became accepted names**

* = naturalised alien taxa

ASPHODELACEAE

***ALOE* L.**

Aloe davyana Schonland var. *subolifera* Groenew., Fl. Pl. SA 19: t. 732 (1939); Type: South Africa. Transvaal [Limpopo], Pretoria Distr., near Pienaar's River, August 1936, F.[Z.] van der Merwe in PRE22816 (PRE0084275-0, holo.)

APOCYNACEAE

***CEROPEGIA* L.**

Ceropegia pygmaea Schinz, Verh. Bot. Vereins Prov. Brandenburg 30: 265 (1888); Type: Namibia, Schinz \A1 (Z, holo.)

BRASSICACEAE

***HELIOPHILA* L.**

Heliophila florulenta Sond., Abh. Geb. Naturw. Hamb. i: 263 (1846); Type: South Africa, Eastern Cape: Zwartkopsrivier, 1829, C.F. Ecklon (S-G8767, lecto.; B100153871, B100299439, C, GOET002608, K, M0108069, MO925695, P00739548, PRC451618, PRE, SAM0028064-0, UPS, W0009167, W18890303895, isolecto.). Lectotype designated by Nordenstam, Journal of South Africa Botany 46: 262 (1980).

***MATTHIOLA* R.BR.**

**Matthiola longipetala* (Vent.) DC.

**Matthiola longipetala* (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball

CONVOLVULACEAE

***IPOMOEA* L.**

**Ipomoea hederifolia* L., Syst. Nat. ed. 10, 2: 925 (1759)

EUPHORBIACEAE

***EUPHORBIA* L.**

**Euphorbia maculata* L., Sp. Pl. 455 (1753)

FABACEAE

VIGNA SAVI

Vigna unguiculata (L.) Walp. subsp. *unguiculata* var. *spontanea* (Schweinf.) Pasquet, Bull. Jard. Bot. Natl. Belg. 62(1-4): 155 (1993)

LOBELIACEAE

LOBELIA L.

Lobelia oreas E.Wimm., Pflanzenr. [Engler] IV.276b: 538 (1953)

Lobelia sutherlandii E.Wimm., Kew Bull. 7(2): 141 (1952)

Lobelia wilmsiana Diels, Bot. Jahrb. Syst. 26(2): 115 (1898)

LYTHRACEAE

AMMANNIA L.

Ammannia anagalloides Sond., Linnaea 23(1): 40 (1850); Type: South Africa, Rhinosterkop at Vaal River, C.L.P. Zeyher 541 (S-G-347, holo.; CGE 161, K 310524, iso.)

Ammannia crassicaulis Guill. & Perr., Fl. Seneg. Tent. 1(8): 303 (1833); Type: Senegal, Crescit in paludosis circa Khann in peninsula Promontorii-Viridis; ad fontes Ghiecouil, in regno Cayor, G. Perrottet 337 (S 09-22840, lecto.). Lectotype designated by Graham & Gandhi, Harvard Papers in Botany 18(1): 74 (2013).

Ammannia passerinoides Welw. ex Hiern, Fl. Trop. Afr. [Oliver et al.] 2: 480 (1871); Type: Angola, Huilla, F. Welwitsch 2336 (LISU 209455, lecto.; BM 902417, LD 1037862, LISU 209456, LISC 209457, M 106652, M 106653, PRE 819999-0, isolecto.). Lectotype (as holotype) designated by Fernandes, Conspectus Florae Angolensis: 186-187 (1970).

PONTEDERIACEAE

PONTEDERIA L.

**Pontederia ovalis* Mart. ex Schult. & Schult.f., Syst. Veg., ed. 15 bis [Roemer & Schultes] 7(2): 1140 (1830); Type; Brazil, s.loc., fl., s.dat., C.F.P. Martius 14 (M0242238, type). Lectotype designated by Pellegrini et al., PhytoKeys 108: 72 (2018).

RHAMNACEAE

PHYLLOGEITON (WEBERB.) HERZOG

Phyllogeiton discolor (Klotzsch) Herzog, Beih. Bot. Centralbl. 15: 169 (1903); Types: Sena, W.C.H. Peters (K000036298, P00434322, syn.)

Phyllogeiton zeyheri (Sond.) Suess., Mitt. Bot. Staatssamml. München Heft 6: 182 (1953); Type: South Africa, "Macalisberg, Nov., Zeyher 316. (Herb. Sond., T.C.D.)" (TCD0001500, holo.; CGE00094, K000036302, MEL2442014, P00434320, P00434321, PRE0280001-0, S-G-5239, iso.)

RUSCACEAE

ERIOSPERMUM JACQ. EX WILLD.

Eriospermum abyssinicum Baker, J. Linn. Soc., Bot. 15: 263 (1876); Type: South Africa, Apies ["Aapages"] River, Burke (K00257124, holo.)

SOLANACEAE

DATURA L.

**Datura innoxia* Mill.

Publications incorporated

(1/2021–12/2021)

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.

- Ajao, AAN; Boatwright, JS; Moteetee, AN. 2018. *Rhynchosia waterbergensis* (Cajaninae, Phaseoleae, Fabaceae), a new unifoliate species from Waterberg, South Africa. *Phytotaxa* 382 (2): 234–238.
- Al-Shehbaz, IA. 2019. The delimitation of the South African *Heliophila brachycarpa* and two related species (Brassicaceae). *Harvard Papers in Botany* 24 (2): 75–81.
- Al-Shehbaz, IA. 2020. Ten new species in the southern African genus *Heliophila* (Brassicaceae; Cruciferae). *Phytotaxa* 434 (1): 65–88.
- Al-Shehbaz, I.A. 2020. New or noteworthy taxa in the South African *Heliophila* (Brassicaceae). *Harvard Papers in Botany* 25(1): 1–11.
- Bruyns, PV. 1985. Notes on *Ceropegias* of the Cape Province. *Bradleya* 3: 1–47.
- Bruyns, PV. 2009. Three new species of *Brachystelma* (Apocynaceae, Asclepiadoideae, Ceropegieae) from South Tropical Africa. *Novon* 19: 18–22.
- Bruyns, PV; Klak, C; Hanacek, P. 2018. An account of *Ceropegia* sect. *Chamaesiphon* (Apocynaceae) in Moçambique with new records and two new species. *Phytotaxa* 364 (2): 111–135.
- Calvo, J; Manning, JC; Munoz Garmendia, JF; Aedo, C. 2013. Asteraceae: *Senecio pseudolongifolius*, a new name for the misapplied *S. linifolius*. *Bothalia* 43 (2): 227–229.
- Cardiel, JM; Rodriguez, PM. 2015. Synopsis of *Acalypha* (Euphorbiaceae) of Argentina, Paraguay, and Uruguay. *Annals of the Missouri Botanical Garden* 101 (2): 334–405.
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