

Report regarding the 2025 official yearly release of the South African National Plant Checklist

Background

SANBI is mandated to provide an up-to-date checklist of South African plants. This checklist is published online, with a new updated version being released in the first quarter (January–March) every year.

Updates to the checklist are done on a continuous basis according to the procedures outlined in the South African National Plant Checklist Policy. This report highlights the main updates and progress made during 2024, which are incorporated in the checklist version released in March 2025.

Methodology

Published papers were obtained by the following means: journal indexes of several South African and international journals (e.g., Bothalia-ABC, South African Journal of Botany, Taxon, Kew Bulletin, Phytotaxa, PhytoKeys, etc.) were scanned for relevant literature; IPNI was consulted regarding new names for South Africa; a network of collaborators, both from within and outside of SANBI, provided literature.

In previous years, additions and changes made to the checklist, and genera that were updated were reported on for the calendar year January–December. This report covers the period 1 January 2024 to 28 February 2025. Future reports will then be for financial years and not calendar years. Priority and other publications incorporated are reported on here for the financial year April 2024–March 2025.

We acknowledge that despite quality control procedures there may still be errors in the checklist and hope that releasing updated versions will stimulate input and feedback to assist in providing an accurate checklist reflecting all the most recent published taxonomic changes.

Additions and changes to the checklist

A summary of names added, taxonomic status updates and changes made, corrections to orthography and author citations, as well as the literature incorporated during 2024 is made available through the SANBI website together with the 2025 official yearly release of the checklist (see ‘Report on additions and updates made to the South African National Plant Checklist during the period 1/2024–2/2025’ at <http://opus.sanbi.org/handle/20.500.12143/6880.3> or at <https://opus.sanbi.org/items/fc8fbd6d-52b0-4342-b78d-49ff1a7c0d46>).

A total of 570 names for South African plants were added to the database (314 accepted names and 256 synonyms). These represent 231 genera in 77 families. Several taxonomic status changes were made in the database based on recent revisions: 441 names from 113 genera in 48 families changed from accepted names to synonyms; and 28 names from 18 genera in 10 families changed from synonyms to accepted names. For 139 names in 85 genera from 43 families a correction was made to the author citation of the name. For 34 names in 30 genera from 17 families a correction was made to the spelling of one or more epithets of the name.

A new Article 61.6 was approved for inclusion in the *International Code of Nomenclature for algae, fungi, and plants (Madrid Code)* at the Nomenclature Section meeting of the XXth International Botanical Congress held in Madrid, Spain, during July 2024. This Article states that: “Epithets with the root *caff*[f][e]*r*-, such as *cafra*, *caffra*, *cafrorum*, and *cafrum*, are not permitted in the nomenclature of organisms covered by this *Code*. Where these epithets were used in validly published names, they are to be treated as orthographical variants that are to be replaced by epithets with the root *affe*[r]-, such as *afra*, *afro**rum*, and *afro**m*, respectively. If this results in a later homonym, the correct name is determined by Art. 11.4.” Accordingly, 343 names associated with 94 taxa in 71 genera from 43 families of South African plants were amended. For each name a new record with the correct orthography was added to the database and the original orthographic variant, now not permitted under this new Article, was synonymised under the accepted name with corrected spelling. This was done to ensure that searches under the

incorrect orthography on the Biodiversity Advisor (<https://biodiversityadvisor.sanbi.org/>) will still render the correct result. This same methodology was followed in the World Flora Online Plant List (<https://wfoplantlist.org/>). However, the International Plant Names Index (<https://www.ipni.org/>) opted for only correcting the orthography of the existing record and adding a note to explain the correction.

Controversial classifications

There were two instances of controversial classifications for which discussions were held during a meeting of the SA Plant Checklist Committee held on 20 June 2024.

This first concerns the new generic classification for Hyacinthaceae subfam. Urgineoideae [Martinez-Azorin *et al.*, *Phytotaxa* 610(1): 1–143 (2023)] where the subfamily is divided into several segregate genera. The classification currently followed in the Checklist considers species to belong to a single widely circumscribed genus *Drimia*.

The main points of discussion by the Committee on this topic were centred around: the merits for incorporation of the new classification, the robustness of the accompanying phylogeny, and current work still being done.

There was support for the new genus classification, but concerns were raised about the uncertainty of placement of a few species where ongoing research is being done. A decision was therefore made that incorporation of the publication on the new generic classification of the Hyacinthaceae subfam. Urgineoideae will be postponed until it can be tested with new evidence currently under investigation. New species from the paper will be added with a nomenclatural note that a new combination in *Drimia* is required. Incorporation of this publication will be revisited in 2025.

The second classification discussed regarded whether or not to follow the new classification as proposed in two papers for *Curio* species in the SA National Plant Checklist [Cicuzza *et al.*, *Haseltonia* 23: 1–26 (2017) and Ozerva *et al.*, *Wulfenia* 24: 29–52 (2017)].

The main points of discussion by the Committee on this topic were centred around: the history of classification of the group, that the available nuclear and plastid phylogenies were done on cultivated plants and are incongruent, and results from current research being conducted.

The Committee was informed that ongoing research is being conducted on this group and results from this research does not support the classifications proposed in these two publications.

A decision was made to not follow the classification proposed in the two papers in the SA National Plant Checklist. The *status quo* will be retained as follows:

- a) *Curio acaulis* will be retained in *Curio*.
- b) *Senecio corymbiferus* (= *Curio corymbiferus*) will be retained in *Senecio*.
- c) *Bacullellum* will not be accepted and *Bacullellum articulatum* will be added as a synonym of *Curio articulatus*.

Genera updated during 2024

The following genera were wholly or partly updated in 2024 according to the latest, evidence-based classification for the group. In cases where partial revisions of a genus were published, the partially updated genera will be checked and verified once the remainder of the genus is updated. Where a genus was updated in its entirety, a genus checklist will be generated and sent to a taxon expert for verification (as indicated) as soon as the template to generate such reports is finalised in BODATSA (development of such a template in BRAHMS 8 is nearing completion).

Family	Genus	Genus / taxon treatment	To be checked by
Acanthaceae	Acanthaceae	Manzitto-Tripp, E.A., Darbyshire, I., Daniel, T.G., Kiel, C.A. & McDade, L.A. 2021. Revised classification of Acanthaceae and worldwide dichotomous keys. <i>Taxon</i> 71(1): 103–153. https://doi.org/10.1002/tax.12600	Suprageneric classification updated.
Acanthaceae	<i>Barleria</i> p.p.	Balkwill, K., Froneman, W., Darbyshire, I. & Condry, G. 2023. <i>Barleria makgabengensis</i> . <i>Flowering Plants of Africa</i> 68: 200–210. Darbyshire, I., Balkwill, K. & Froneman, W. 2022. Two new species of <i>Barleria</i> (Acanthaceae) from the Soutpansberg of Limpopo	New taxa added. To be verified when whole genus is updated.

Family	Genus	Genus / taxon treatment	To be checked by
		Province, South Africa. <i>Kew Bulletin</i> 77: 475–489. https://www.doi.org/10.1007/S12225-022-10018-3	
Acanthaceae	<i>Meiosperma</i> ; <i>Pogonospermum</i> (= <i>Monechma</i>)	Darbyshire, I., Kiel, C.A., Chase, F.M. & Manzitto-Tripp, E.A. 2022. The demise of <i>Monechma</i> : new combinations and a new classification in the resurrected genera <i>Meiosperma</i> and <i>Pogonospermum</i> (Acanthaceae). <i>Kew Bulletin</i> 77: 249–270. https://www.doi.org/10.1007/S12225-022-10003-W	Hester Steyn
Acanthaceae	<i>Petalidium</i> p.p.	Swanepoel, W. & Van Wyk, A.E. 2023. <i>Petalidium karasbergense</i> (Acanthaceae), a new species from Namibia. <i>Phytotaxa</i> 609(1): 1–9. https://doi.org/10.11646/phytotaxa.609.1.1 Swanepoel, W. & Van Wyk, A.E. 2023. <i>Petalidium konkiepense</i> (Acanthaceae), a new species from Namibia. <i>Phytotaxa</i> 585(1): 29–38. https://doi.org/10.11646/phytotaxa.585.1.3 Swanepoel, W., Dexter, K.G., Loiseau, O. & Van Wyk, A.E. 2023. Reinstatement of the name <i>Petalidium ovatum</i> (Acanthaceae), with an amplified description of the species. <i>Phytotaxa</i> 626(3): 159–169. https://doi.org/10.11646/phytotaxa.626.3.2 Swanepoel, W., Manzitto-Tripp, E.A., Dexter, K.G. & Van Wyk, A.E. 2024. <i>Petalidium etendekaense</i> (Acanthaceae), a new species from Namibia, with notes on the taxonomic identity of <i>P. glutinosum</i> . <i>Phytotaxa</i> 636(1): 35–47. https://doi.org/10.11646/phytotaxa.636.1.3	New taxa added. To be verified when whole genus is updated.
Aizoaceae	<i>Cleretum</i> p.p. (= <i>Dorotheanthus</i>)	Klak, C. & Bruyns, P.V. 2012. Phylogeny of the Dorotheanthae (Aizoaceae), a tribe of succulent annuals. <i>Taxon</i> 61(2): 293–307. https://doi.org/10.1002/tax.612002	Transfer of species to <i>Eberlanzia</i> . To be verified when whole genus is updated.
Aizoaceae	<i>Eberlanzia</i> p.p.	Klak, C., Van Wyk, P. & Bruyns, P.V. 2023. Notes on <i>Eberlanzia schneideriana</i> and <i>Scopelogena</i> (Ruschieae, Aizoaceae). <i>South African Journal of Botany</i> 158: 461–468. https://doi.org/10.1016/j.sajb.2023.05.008	Transfer of species to <i>Eberlanzia</i> . To be verified when whole genus is updated.
Aizoaceae	<i>Lampranthus</i> (= <i>Esterhuisenia</i> , <i>Roosia</i>); <i>Malephoropsis</i> ; <i>Sederbergia</i> ; <i>Erepsia</i> (= <i>Cirvandra</i>)	Klak, C., Hanacek, P. & Bruyns, P.V. 2024. Phylogeny and reclassification of <i>Lampranthus</i> (Ruschieae, Aizoaceae) in southern Africa. <i>Taxon</i> 73(3): 818–853. https://doi.org/10.1002/tax.13166	New sectional classification for <i>Lampranthus</i> . Cornelia Klak
Aizoaceae	<i>Trianthema</i>	Hartmann, H.E.K., Meve, U. & Liede-Schumann, S. 2011. Towards a revision of <i>Trianthema</i> , the Cinderella of Aizoaceae. <i>Plant Ecology & Evolution</i> 144(2): 177–213. https://www.doi.org/10.5091/plecevo.2011.512	Cornelia Klak
Apiaceae	<i>Annesorhiza</i> p.p.	Maswoliedza, M., Manning, J.C. & Magee, A.R. 2024. <i>Annesorhiza tilneyae</i> (Apiaceae), a new species from the Western Cape, South Africa, validation of the name <i>Annesorhiza asparagoides</i> , and an updated identification key to the species in the genus. <i>South African Journal of Botany</i> 169: 525–530. https://doi.org/10.1016/j.sajb.2024.04.051	New taxon added. To be verified when whole genus is updated.
Apocynaceae	<i>Ceropegia</i> p.p.	Heiduk, A. & Styles, D.G.A. 2023. <i>Ceropegia strophanthiflora</i> (Apocynaceae—Asclepiadoideae)—a magnificent and rare new species from South Africa at the brink of extinction. <i>Phytotaxa</i> 632(1): 27–37. https://doi.org/10.11646/phytotaxa.632.1.2	New species added.
Araceae	<i>Stylochaeton</i>	Struwig, M., Le Roux, P.T., Siebert, S.J. & Van Wyk, A.E. 2023. Two new species of <i>Stylochaeton</i> (Araceae: Aroideae) from South Africa. <i>Phytotaxa</i> 620(1): 1–17. https://doi.org/10.11646/phytotaxa.620.1.1	New taxa added. To be verified when whole genus is updated.
Asphodelaceae	<i>Aloe</i> p.p.	Smith, G.F. 2022. <i>Aloe davyana</i> var. <i>magdae</i> (Asphodelaceae subfam. Aloioideae), a distinctive new variety from central-northeastern South Africa. <i>Phytotaxa</i> 536(3): 261–269. https://doi.org/10.11646/phytotaxa.536.3.6 Smith, G.F., Figueiredo, E. & Klopper, R.R. 2024. <i>Aloe burgersfortensis</i> (Asphodelaceae subfam. Aloioideae): a distinctive, winter-flowering maculate aloe endemic to the southeastern Limpopo and northwestern Mpumalanga provinces of South Africa. <i>Phytotaxa</i> 636(1): 48–60. https://doi.org/10.11646/phytotaxa.636.1.4	New taxa or resurrected taxa. To be verified when whole genus is updated.

Family	Genus	Genus / taxon treatment	To be checked by
		Smith, G.F., Figueiredo, E. & Klopper, R.R. 2024. Reinstatement of <i>Aloe mutans</i> (Asphodelaceae subfam. Aloioideae), a distinctive, endemic, maculate aloe from the central Limpopo province of South Africa. <i>Phytotaxa</i> 640(3): 265–274. https://doi.org/10.11646/phytotaxa.640.3.4 Smith, G.F. & Klopper, R.R. 2022. <i>Aloe immaculata</i> and <i>A. affinis</i> (Asphodelaceae subfam. Aloioideae), two endemics from northern and eastern South Africa, are different maculate aloe species. <i>Phytotaxa</i> 571(1): 2911–300. https://doi.org/10.11646/phytotaxa.571.3.3	
Asphodelaceae	<i>Bulbine</i>	Crouch, N.R. & Smith, G.F. 2021. <i>Bulbine audreyae</i> N.R.Crouch & Gideon F.Sm. (Asphodelaceae subfam. Asphodeloideae), a new cremonophytic species with grass tuft-like rosettes from the Outeniqua range in South Africa. <i>Bradleya</i> 39: 125–130. https://doi.org/10.25223/brad.n39.2021.a11 Smith, G.F., Grobler, R. & Hankey, A. 2023. <i>Bulbine decastroii</i> (Asphodelaceae subfam. Asphodeloideae), a new peatland species with grass tuft-like rosettes from Mpumalanga, South Africa. <i>Phytotaxa</i> 587(1): 59–65. https://doi.org/10.11646/phytotaxa.587.1.8	New taxa added. To be verified when whole genus is updated.
Asteraceae	<i>Callilepis</i>	Herman, P.P.J. 2022. A taxonomic revision of the genus <i>Callilepis</i> (Asteraceae) in South Africa. <i>Phytotaxa</i> 563(1): 1–62. https://doi.org/10.11646/phytotaxa.563.1.1	Thuli Dlamini
Asteraceae	<i>Crassothonna</i>	McKenzie, R.J. & Dold, A.P. 2023. Lectotypification of <i>Othonna crassifolia</i> Harv., a replaced synonym of <i>Crassothonna capensis</i> (Asteraceae, Senecioneae). <i>Phytotaxa</i> 618(3): 296–300. https://doi.org/10.11646/phytotaxa.618.3.8 McKenzie, R.J. & Dold, A.P. 2024. <i>Crassothonna moniliformis</i> (Asteraceae, Senecioneae), a new species from the Albany Centre of floristic endemism, South Africa. <i>Phytotaxa</i> 641(4): 243–254. https://doi.org/10.11646/phytotaxa.641.4.1	Typification and new taxon added. To be verified when whole genus is updated..
Asteraceae	<i>Gorteria</i> ; <i>Berkheyopsis</i> ; <i>Roessleria</i> (= <i>Hirpicium</i>)	Stangberg, F., Karis, P.O. & Anderberg, A. 2018. Intergeneric relationships in the <i>Gorteria</i> clade of Arctotideae-Gorteriinae (Asteraceae), with description of a new genus, <i>Roessleria</i> . <i>South African Journal of Botany</i> 118: 216–231. https://doi.org/10.1016/j.sajb.2018.07.018	Marinda Koekemoer
Asteraceae	<i>Hilliardiella</i> p.p.	Herman, P.P.J. 2022. <i>Hilliardiella elaeagnoides</i> and <i>H. oligocephala</i> (Asteraceae, Vernoniaceae), two distinct species and the description of a new variety. <i>Phytotaxa</i> 570(1): 29–42. https://doi.org/10.11646/phytotaxa.570.1.3	Resurrection. To be verified when whole genus is updated.
Asteraceae	<i>Curio</i> & <i>Senecio</i>	Cicuzza, D., Staheli, D.S., Nyffeler, R. & Eggli, U. 2017. Morphology and anatomy support a reclassification of the African succulent taxa of <i>Senecio</i> s.l. (Asteraceae: Senecioneae). <i>Haseltine</i> 23: 1–26. https://doi.org/10.2985/026.023.0103 Ozerova, L.V., Schanzer, I.A. & Timonin, A.C. 2017. <i>Curio</i> alliance (Asteraceae: Senecioneae) revisited. <i>Wulfenia</i> 24: 29–52. https://www.zobodat.at/pdf/Wulfenia_24_0029-0052.pdf Smith, G. F., & Figueiredo, E. (2020). × <i>Senecurio</i> , a new nothogenus for the hybrid × <i>S. kleiniiformis</i> (Asteraceae subfam. Asteroideae tr. Senecioneae) <i>Phytotaxa</i> 464(2): 185–187. https://doi.org/10.11646/phytotaxa.464.2.6	Committee decisions incorporated
Boraginaceae	<i>Lithospermum</i> p.p.	Cohen, J.I., Manning, J.M. & Euston-Brown, D. 2019. <i>Lithospermum sylvestre</i> (Boraginaceae): a new species from the Baviaanskloof, Eastern Cape, South Africa. <i>Bothalia</i> 49(1): a2411 [pp. 1–5]. http://dx.doi.org/10.1007/s12011-019-01974-2	New taxon added. To be verified when whole genus is updated.
Celastraceae	<i>Marijordaania</i>	Van Wyk, A.E. & Boon, R.F.C. 2024. <i>Marijordaania</i> (Celastraceae: Cassinoideae), a new monotypic genus from South Africa. <i>Plant Ecology and Evolution</i> 157(1): 100–112. https://doi.org/10.5091/plecevo.116544	Braam van Wyk
Colchicaceae	<i>Colchicum</i> p.p.	Manning, J.C. 2023. A nomenclatural correction in <i>Colchicum</i> L. (Colchicaceae: Colchiceae) in southern Africa: two new combinations for <i>C. coloratum</i> J.C.Manning & Vinn., nom. superfl. <i>Bothalia – African Biodiversity & Conservation</i> 53(1), a5 [2 pp.]. http://dx.doi.org/10.38201/btha.abc.v53.i1.5	Nomenclatural corrections.

Family	Genus	Genus / taxon treatment	To be checked by
Crassulaceae	<i>Cotyledon</i>	Crouch, N.R. & Smith, G.F. 2023. <i>Cotyledon mckayi</i> (Crassulaceae subfam. Kalanchooideae), a new cremonophytic species from the central Tugela River Basin of KwaZulu-Natal, South Africa. <i>Phytotaxa</i> 632(2): 184–192. https://doi.org/10.11646/phytotaxa.632.2.8	New taxon added. To be verified when whole genus is updated.
Crassulaceae	<i>Kalanchoe</i>	Smith, G.F. 2023. <i>Kalanchoe deliae</i> (K. [subg. Kalanchoe] sect. Raveta; Crassulaceae subfam. Kalanchooideae), a new species from the Barberton Centre of Endemism in northeastern southern Africa. <i>Phytotaxa</i> 632(2): 131–142. https://doi.org/10.11646/phytotaxa.632.2.3 Smith, G.F. 2023. Who published the name <i>Kalanchoe longiflora</i> (Crassulaceae subfam. Kalanchooideae)? The correct author attribution and typification of this species name. <i>Phytotaxa</i> 618(3): 254–264. https://doi.org/10.11646/phytotaxa.618.3.3	New taxon added and nomenclatural correction. To be verified when whole genus is updated.
Dicranaceae	<i>Leucoloma</i> p.p.	La Farge, C. 2002. <i>Leucoloma</i> I: A revision of subgenus <i>Leucoloma</i> (Dicranaceae, Bryopsida) in Africa and Madagascar. <i>The Bryologist</i> 105(4): 509–590. https://www.jstor.org/stable/3244634 La Farge, C. 2002. <i>Leucoloma</i> III: A species synopsis: typification, synonymy, and excluded names. <i>The Bryologist</i> 105(4): 606–624. http://dx.doi.org/10.1639/0007-2745(2002)105[0606:LIASST]2.0.CO;2	Partial revision (subgenus only). To be verified when whole genus is updated.
Ericaceae	<i>Erica</i> p.p.	Nelson, E.C., Oliver, E.G.H. & Pirie, M.D. 2023. <i>Erica</i> L. (Ericaceae): homonyms amongst published names for African species and proposed replacement names. <i>PhytoKeys</i> 236: 157–178. https://doi.org/10.3897/phytokeys.236.110498 Pirie, M.D., Oliver, E.G.H., Gehrke, B., Heringer, L., Mugrabi de Kuppler, A., Le Maitre, N.C. & Bellstedt, D.U. 2017. Underestimated regional species diversity in the Cape Floristic Region revealed by phylogenetic analysis of the <i>Erica abietina</i> /E. <i>viscaria</i> clade (Ericaceae). <i>Botanical Journal of the Linnean Society</i> 184: 185–203. https://doi.org/10.1093/botlinnean/box021	Nomenclatural and status changes. To be verified when whole genus is updated.
Fabaceae	<i>Aspalathus</i> p.p.	Du Preez, B. & Stirton, C.H. 2024. Four new species of <i>Aspalathus</i> (Fabaceae, Crotalariaeae) and notes on three rediscovered species from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 166: 169–180. https://doi.org/10.1016/j.sajb.2024.01.010 Stirton, C.H., Du Preez, B., Helme, N. & Muasya, A.M. 2024. A new species of <i>Aspalathus</i> (Fabaceae, Crotalariaeae) from the Cape Floristic Region, South Africa. <i>Phytotaxa</i> 665(1): 69–74. https://doi.org/10.11646/phytotaxa.665.1.8	New taxa added. To be verified when whole genus is updated.
Fabaceae	<i>Chamaecrista</i>	Musandiwa, L., Magee, A.R. & Boatwright, J.S. 2022. A taxonomic revision of <i>Chamaecrista</i> (Caesalpinioideae, Cassieae, Cassiinae) in Southern Africa. <i>Systematic Botany</i> 47(4): 992–1011. https://doi.org/10.1600/036364422X16674053033831	Stephen Boatwright
Fabaceae	<i>Desmodium</i> , <i>Grona</i>	Ohashi, H. & Ohashi, K. 2019. <i>Desmodium</i> (Leguminosae Tribe Desmodieae) of Africa, Madagascar and the Mascarene Islands. <i>Journal of Japanese Botany</i> 94(3): 135–148. https://doi.org/10.5103/jjapbot.94_3_10939 Ohashi, K., Ohashi, H., Nemoto, T., Ikeda, T., Izumi, H., Kobayashi, H., Muragaki, H., Nata, K., Sato, N. & Suzuki, M. 2018. Phylogenetic analyses for a new classification of the <i>Desmodium</i> group of Leguminosae tribe Desmodieae. <i>Japanese Journal of Botany</i> 93(3): 165–189. https://doi.org/10.5103/jjapbot.93_3_10859 Ohashi, H. & Ohashi, K. 2018. <i>Grona</i> , a genus separated from <i>Desmodium</i> (Leguminosae Tribe Desmodieae). <i>Japanese Journal of Botany</i> 93(2): 104–120. https://doi.org/10.5103/jjapbot.93_2_10850 Ohashi, K., Ohashi, H., Nemoto, T., Ye, B., Matsumoto, T. & Nata, K. 2019. Phylogenetic analyses for a new classification of the <i>Desmodium</i> group of Leguminosae Tribe Desmodieae 3. The systematic position of <i>Desmodium velutinum</i> . <i>Journal of Japanese Botany</i> 94(2): 65–77. https://doi.org/10.5103/jjapbot.94_2_10924	Marianne le Roux

Fabaceae	<i>Indigofera</i> p.p.	Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H. & Muasya, A.M. 2024. Revision of <i>Indigofera</i> L. sect. <i>Brachypodae</i> subsect. <i>Brahypodae</i> (Fabaceae: Indigofereae) from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 166: 226–258. https://doi.org/10.1016/j.sajb.2024.01.025 Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H., Chimphango, S.B.M. & Muasya, A.M. 2023. Revision of <i>Indigofera</i> section <i>Oligophyllae</i> (Fabaceae: Indigofereae) from South Africa. <i>South African Journal of Botany</i> 159: 544–562. https://doi.org/10.1016/j.sajb.2023.06.043 Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H., Chimphango, S.B.M. & Muasya, A.M. 2023. Four new <i>Indigofera</i> (Fabaceae: Indigofereae) species from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 162: 680–687. https://doi.org/10.1016/j.sajb.2023.10.003 Grieve, K.W., Grieve, G.R.H. & Schrire, B.F. 2023. New and poorly known taxa of <i>Indigofera</i> (Fabaceae, Papilionoideae, Indigofereae) from the Pondoland Centre of Endemism, South Africa: Part 1. <i>South African Journal of Botany</i> 160: 55–74. https://doi.org/10.1016/j.sajb.2023.06.039 Grieve, K.W., Grieve, G.R.H. & Schrire, B.F. 2024. New and poorly known taxa of <i>Indigofera</i> (Fabaceae, Papilionoideae, Indigofereae) from the Pondoland Centre of Endemism, South Africa: Part 2. <i>South African Journal of Botany</i> 164: 397–321. https://doi.org/10.1016/j.sajb.2023.11.027 Du Preez, B., Dreyer, L.L., Stirton, C.H., Muasya, A.M. & Schrire, B.D. 2021. <i>Indigofera wenholdiae</i> (Indigofereae, Fabaceae), a new species from the Western Cape Province, South Africa. <i>PhytoKeys</i> 182: 107–112. https://doi.org/10.3897/phytokeys.182.72170	Subsection revised; new taxa added. To be verified when whole genus is updated.
Fabaceae	<i>Leobordea</i> p.p.	Le Roux, M.M., Klopper, R.R. & Boatwright, J.S. 2024. Clarifying the placement of <i>Trifolium capense</i> in <i>Leobordea</i> (Fabaceae). <i>Phytotaxa</i> 635(2): 189–190. https://doi.org/10.11646/phytotaxa.635.2.9	Nomenclatural correction.
Fabaceae	<i>Rhynchosia</i> p.p.	Ajao, A.A., Jaca, T.P. & Moteetee, A.N. 2020. <i>Rhynchosia ngwenyii</i> (Phaseoleae, Fabaceae), a new species of <i>Rhynchosia</i> from South Africa. <i>Phytotaxa</i> 468(2): 221–225. https://doi.org/10.11646/phytotaxa.468.2.6	New taxon added. To be verified when whole genus is updated.
Fabaceae	<i>Tephrosia</i> p.p.	Balkwill, K., Oosthuizen, D. & Deyssel, L. 2023. <i>Tephrosia monticola</i>. <i>Flowering Plants of Africa</i> 68: 120–130.	New species added. To be verified when whole genus is updated.
Fabaceae	<i>Neltuma</i> , <i>Strombocarpa</i> , <i>Xerocladia</i>	Hughes, C.E., Ringelberg, J.J., Lewis, G.P. & Catalano, S.A. 2022. Disintegration of the genus <i>Prosopis</i> L. (Leguminosae, Caesalpinioideae, mimosoid clade). <i>PhytoKeys</i> 205: 147–189. https://doi.org/10.3897/phytokeys.205.75379	Stephen Boatwright
Frankeniaceae	<i>Frankenia</i> p.p.	Crespo, M.B., Alonso, M.A., Martinez-Azorin, M., Villar, J.L. & Mucina, L. 2023. What is wrong with <i>Frankenia nodiflora</i> Lam. (Frankeniaceae)? New insights into the South African sea-heaths. <i>Plant</i> 12: a2630 [29 pp.]. https://doi.org/10.3390/plants12142630	Partial revision. To be verified when whole genus is updated.
Gentianaceae	<i>Exochaenium</i> p.p.	Kissling, J., Grieve, K.W., Grieve, G.R.H. & Bytebier, B. 2023. <i>Exochaenium natalense</i> (Gentianaceae), a reinstated taxon endemic to KwaZulu-Natal, South Africa. <i>Phytotaxa</i> 619(1): 117–122. https://doi.org/10.11646/phytotaxa.619.1.8	Resurrection. To be verified when whole genus is updated.
Geraniaceae	<i>Pelargonium</i> p.p.	Manning, J.C. & Strlic, M. 2024. <i>Pelargonium elizabethiae</i> and <i>P. geophyllum</i>, two new species in section Hoarea (Geraniaceae) from the Greater Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> 167: 301–309. https://doi.org/10.1016/j.sajb.2024.02.016	New taxa added. To be verified when whole genus is updated.
Hyacinthaceae	Subfam. Urgineoideae (= <i>Drimia</i> s.l.)	Martinez-Azorin, M., Crespo, M.B., Alonso-Vargas, M.A., Pinter, M., Crouch, N.R., Dold, A.P., Mucina, L., Pfosser, M. & Wetschnig, W. 2023. A generic monographs of the Hyacinthaceae subfamily Urgineoideae. <i>Phytotaxa</i> 610(1): 1–143. https://www.doi.org/10.11646/phytotaxa.610.1.1	Only new names incorporated as per Committee decision

Hyacinthaceae	<i>Austronea</i> (= <i>Drimia</i> s.l.)	Martinez-Azorin, M., Dold, A.P., Crespo, M.B., Alonso Vargas, M.A. 2023. <i>Austronea oblongifolia</i> (Hyacinthaceae subfam. Urgineoideae), a new species from the Eastern Cape Province in South Africa. <i>Phytotaxa</i> 585(1): 48–54. https://doi.org/10.11646/phytotaxa.585.1.5 Martinez-Azorin, M., Pinter, M., Crespo, M.B., Alonso Vargas, M.A. 2020. <i>Austronea phyllopogon</i> (Hyacinthaceae, Urgineoideae), a new species from the Kamiesberg, Northern Cape Province in South Africa. <i>Phytotaxa</i> 449(2): 203–206. https://doi.org/10.11646/phytotaxa.449.2.10	New taxa added. To be verified when whole genus is updated
Hyacinthaceae	<i>Lachenalia</i> p.p.	Duncan, G.D. 2023. Four new species and three taxonomic adjustments in <i>Lachenalia</i> (Asparagaceae: Scilloideae) from southern and western South Africa. <i>Phytotaxa</i> 585(4): 261–273. https://doi.org/10.11646/phytotaxa.585.4.2	New taxa added. To be verified when whole genus is updated.
Hyacinthaceae	<i>Ledebouria</i> p.p.	Van Jaarsveld, E.J. & Venter, F. 2017. <i>Ledebouria loedolffiae</i> , eine neue, Felsen besiedelnde halbsukkulente Zwiebelpflanze des Ostkaps / <i>Ledebouria loedolffiae</i> , a new cliff-dwelling semisucculent bulb species from the Eastern Cape. <i>Avonia</i> 35(3): 134–139.	New taxon added. To be verified when whole genus is updated.
Hyacinthaceae	<i>Triandra</i> (= <i>Drimia</i> s.l.)	Martinez-Azorin, M., Crespo, M.B., Alonso Vargas, M.A., Crouch, N.R., Pinter, M. 2021. <i>Triandra pellabergensis</i> (Hyacinthaceae subfam. Urgineoideae), a new genus and species from Pella se Berge, Northern Cape Province, South Africa. <i>Phytotaxa</i> 487(1): 65–74. https://doi.org/10.11646/phytotaxa.487.1.5	New taxon added. To be verified when whole genus is updated.
Hyacinthaceae	<i>Trimelopter</i>	Martinez-Azorin, M., Paonessa, G., Zaalberg, B., Crespo, M.B. & Alonso Vargas, M.A. 2023. <i>Trimelopter cordifolium</i> (Hyacinthaceae subfam. Ornithogaloideae), a new species from South Africa. <i>Phytotaxa</i> 620(2): 167–174. https://doi.org/10.11646/phytotaxa.620.2.4	New taxon added. To be verified when whole genus is updated.
Iridaceae	<i>Moraea</i> p.p.	Manning, J.C. & Goldblatt, P. 2024. <i>Moraea saxatilis</i> (Iridaceae: Iridoideae), a new montane species from the Groot Winterhoek Wilderness Area of the Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> 165: 39–42. https://doi.org/10.1016/j.sajb.2023.12.008	New taxon added. To be verified when whole genus is updated.
Lamiaceae	<i>Marrubium</i> ; <i>Pseudodictamnus</i> (= <i>Ballota</i>)	Siadati, S., Salmaki, Y., Mehrvarz, S.S., Heubl, G. & Weigend, M. 2018. Untangling the generic boundaries in tribe Marrubieae (Lamiaceae: Lamioideae) using nuclear and plastid DNA sequences. <i>Taxon</i> 67(4): 770–783. https://doi.org/10.12705/674.6	Hester Steyn
Lamiaceae	<i>Syncolostemon</i>	Otieno, D.F., Balkwill, K. & Paton, A.J. 2022. A worldwide revision of <i>Syncolostemon</i> (Ocimeae: Lamiaceae). <i>Kew Bulletin</i> 77: 538–646. https://www.doi.org/10.1007/S12225-022-10048-X	Kevin Balkwill
Malvaceae	Subgam. Byttnerioideae	Dorr, L.J. 2023. Typification of three Linnaean names in the Byttnerioideae (Malvaceae). <i>Taxon</i> 72(4): 894–898. https://doi.org/10.1002/tax.12893	Typifications.
Myrtaceae	<i>Leptospermum</i> ; <i>Gaudium</i>	Wilson, P.G. & Heslewood, M.M. 2023. Revised taxonomy of the tribe <i>Leptospermae</i> (Myrtaceae) based on morphological and DNA data. <i>Taxon</i> 72(3): 550–571. https://doi.org/10.1002/tax.12892	Peter Wilson
Orchidaceae	<i>Eulophia</i>	Bytebier, B. 2023. <i>Eulophia edwardii</i> (Orchidaceae), a new species from the Pondoland Centre of Endemism in South Africa. <i>Plant Ecology and Evolution</i> 156(3): 326–332. https://doi.org/10.5091/plecevo.105931	New species added. To be verified when whole genus is updated.
Primulaceae	<i>Lysimachia</i> p.p.	Jimenez-Lopez, F.J., Viruel, J., Arista, M., Ortiz, P.L. & Talavera, M. 2022. Molecular approaches reveal speciation between red- and blue-flowered plants in the Mediterranean <i>Lysimachia arvensis</i> and <i>L. monelli</i> (Primulaceae). <i>Botanical Journal of the Linnean Society</i> 199: 557–577. https://doi.org/10.1093/botlinnean/boab081	Partial revision. To be verified when whole genus is updated.
Thymelaeaceae	<i>Lasiosiphon</i> p.p.	Kolokoto, R., Boatwright, J.S., Manning, J.C., Von Staden, L. & Magee, A.R. 2019. The correct identity of <i>Lasiosiphon microphyllus</i> (Meisn.) Meisn. (Thymelaeaceae) and the new combination <i>Lasiosiphon kuntzei</i> (Gilg.) R.Kolokoto & Magee. <i>Bothalia – African Biodiversity & Conservation</i> 49(1): a2383 [3 pp.]. https://doi.org/10.4102/abc.v49i1.2383	Nomenclatural corrections.
Velloziaceae	<i>Xerophyta</i> p.p.	McMurtry, D., Burns, S., Balkwill, K. & Burrows, S.M. 2023. <i>Xerophyta burrowsiorum</i> . <i>Flowering Plants of Africa</i> 68: 22–33.	New taxon added. To be verified when whole genus is updated.

Priority publications incorporated

All 36 publications listed in the priority list of publications to be incorporated during the April 2024–March 2025 cycle, were incorporated into the checklist. For priority taxa, a further five publications not listed in the original list were also included.

A further ten additional publications, which were not on the initial list of priorities and not covering priority taxa, were also incorporated into the checklist. These additional references were either linked to the herbarium curation plans of SANBI staff, to the decisions made by the committee as discussed above, or were related to listed priority publications, but provided additional information not available in the priority publications.

Publications linked to World Flora Online Taxonomic Expert Networks for the following taxa:

Aizoaceae (in collaboration with Cornelia Klak)	
Hartmann, H.E.K., Meve, U. & Liede-Schumann, S. 2011. Towards a revision of <i>Trianthema</i> , the Cinderella of Aizoaceae. <i>Plant Ecology & Evolution</i> 144(2): 177–213. https://www.doi.org/10.5091/plecevo.2011.512	Listed reference: Incorporated
Klak, C., Hanacek, P. & Bruyns, P.V. 2024. Phylogeny and reclassification of <i>Lampranthus</i> (Ruschieae, Aizoaceae) in southern Africa. <i>Taxon</i> 73(3): 818–853. https://doi.org/10.1002/tax.13166	Listed reference: Incorporated
Klak, C., Van Wyk, P. & Bruyns, P.V. 2023. Notes on <i>Eberlanzia schneideriana</i> and <i>Scopelogena</i> (Ruschieae, Aizoaceae). <i>South African Journal of Botany</i> 158: 461–468. https://doi.org/10.1016/j.sajb.2023.05.008	Listed reference: Incorporated
Klak, C. & Bruyns, P.V. 2012. Phylogeny of the Dorotheanthae (Aizoaceae), a tribe of succulent annuals. <i>Taxon</i> 61(2): 293–307. https://doi.org/10.1002/tax.612002	Additional reference: Incorporated
Asphodelaceae subfam Alooideae (in collaboration with Aloes of the World Network)	
Smith, G.F. 2022. <i>Aloe davyana</i> var. <i>magdae</i> (Asphodelaceae subfam. Alooideae), a distinctive new variety from central-northeastern South Africa. <i>Phytotaxa</i> 536(3): 261–269. https://doi.org/10.11646/phytotaxa.536.3.6	Listed reference: Incorporated
Smith, G.F., Figueiredo, E. & Klopper, R.R. 2024. <i>Aloe burgersfortensis</i> (Asphodelaceae subfam. Alooideae): a distinctive, winter-flowering maculate aloe endemic to the southeastern Limpopo and northwestern Mpumalanga provinces of South Africa. <i>Phytotaxa</i> 636(1): 48–60. https://doi.org/10.11646/phytotaxa.636.1.4	Listed reference: Incorporated
Smith, G.F., Figueiredo, E. & Klopper, R.R. 2024. Reinstatement of <i>Aloe mutans</i> (Asphodelaceae subfam. Alooideae), a distinctive, endemic, maculate aloe from the central Limpopo province of South Africa. <i>Phytotaxa</i> 640(3): 265–274. https://doi.org/10.11646/phytotaxa.640.3.4	Listed reference: Incorporated
Smith, G.F. & Klopper, R.R. 2022. <i>Aloe immaculata</i> and <i>A. affinis</i> (Asphodelaceae subfam. Alooideae), two endemics from northern and eastern South Africa, are different maculate aloe species. <i>Phytotaxa</i> 571(1): 2911–300. https://doi.org/10.11646/phytotaxa.571.3.3	Listed reference: Incorporated
Erica (in collaboration with Pieter Bester and Ericaceae TEN)	
Nelson, E.C., Oliver, E.G.H. & Pirie, M.D. 2023. <i>Erica</i> L. (Ericaceae): homonyms amongst published names for African species and proposed replacement names. <i>PhytoKeys</i> 236: 157–178. https://doi.org/10.3897/phytokeys.236.110498	Listed reference: Incorporated
Pirie, M.D., Oliver, E.G.H., Gehrke, B., Heringer, L., Mugrabi de Kuppler, A., Le Maitre, N.C. & Bellstedt, D.U. 2017. Underestimated regional species diversity in the Cape Floristic Region revealed by phylogenetic analysis of the <i>Erica abietina</i> / <i>E. viscaria</i> clade (Ericaceae). <i>Botanical Journal of the Linnean Society</i> 184: 185–203. https://doi.org/10.1093/botlinnean/box021	Listed reference: Incorporated
Fabaceae (in collaboration with Marianne le Roux and Legumes TEN)	
Du Preez, B. & Stirton, C.H. 2024. Four new species of <i>Aspalathus</i> (Fabaceae, Crotalariaeae) and notes on three rediscovered species from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 166: 169–180. https://doi.org/10.1016/j.sajb.2024.01.010	Listed reference: Incorporated
Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H. & Muasya, A.M. 2024. Revision of <i>Indigofera</i> L. sect. <i>Brachypodae</i> subsect. <i>Brahypodae</i> (Fabaceae: Indigofereae) from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 166: 226–258. https://doi.org/10.1016/j.sajb.2024.01.025	Listed reference: Incorporated
Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H., Chimphango, S.B.M. & Muasya, A.M. 2023. Revision of <i>Indigofera</i> section <i>Oligophyllae</i> (Fabaceae: Indigofereae) from South Africa. <i>South African Journal of Botany</i> 159: 544–562. https://doi.org/10.1016/j.sajb.2023.06.043	Listed reference: Incorporated

Du Preez, B., Schrire, B.D., Dreyer, L.L., Stirton, C.H., Chimphango, S.B.M. & Muasya, A.M. 2023. Four new <i>Indigofera</i> (Fabaceae: Indigofereae) species from the Greater Cape Floristic Region. <i>South African Journal of Botany</i> 162: 680–687. https://doi.org/10.1016/j.sajb.2023.10.003	Listed reference: Incorporated
Le Roux, M.M., Kloppe, R.R. & Boatwright, J.S. 2024. Clarifying the placement of <i>Trifolium capense</i> in <i>Leobordea</i> (Fabaceae). <i>Phytotaxa</i> 635(2): 189–190. https://doi.org/10.11646/phytotaxa.635.2.9	Listed reference: Incorporated
Musandiwa, L., Magee, A.R. & Boatwright, J.S. 2022. A taxonomic revision of <i>Chamaecrista</i> (Caesalpinioideae, Cassieae, Cassiinae) in Southern Africa. <i>Systematic Botany</i> 47(4): 992–1011. https://doi.org/10.1600/036364422X16674053033831	Listed reference: Incorporated
Ohashi, H. & Ohashi, K. 2019. <i>Desmodium</i> (Leguminosae Tribe Desmodieae) of Africa, Madagascar and the Mascarene Islands. <i>Journal of Japanese Botany</i> 94(3): 135–148. https://doi.org/10.51033/jjapbot.94_3_10939	Listed reference: Incorporated
Ohashi, K., Ohashi, H., Nemoto, T., Ikeda, T., Izumi, H., Kobayashi, H., Muragaki, H., Nata, K., Sato, N. & Suzuki, M. 2018. Phylogenetic analyses for a new classification of the <i>Desmodium</i> group of Leguminosae tribe Desmodieae. <i>Japanese Journal of Botany</i> 93(3): 165–189. https://doi.org/10.51033/jjapbot.93_3_10859	Listed reference: Incorporated
Ohashi, H. & Ohashi, K. 2018. <i>Grona</i> , a genus separated from <i>Desmodium</i> (Leguminosae Tribe Desmodieae). <i>Japanese Journal of Botany</i> 93(2): 104–120. https://doi.org/10.51033/jjapbot.93_2_10850	Additional reference: Incorporated
Ohashi, K., Ohashi, H., Nemoto, T., Ye, B., Matsumoto, T. & Nata, K. 2019. Phylogenetic analyses for a new classification of the <i>Desmodium</i> group of Leguminosae Tribe Desmodieae 3. The systematic position of <i>Desmodium velutinum</i> . <i>Journal of Japanese Botany</i> 94(2): 65–77. https://doi.org/10.51033/jjapbot.94_2_10924	Additional reference: Incorporated
Grieve, K.W., Grieve, G.R.H. & Schrire, B.F. 2023. New and poorly known taxa of <i>Indigofera</i> (Fabaceae, Papilionoideae, Indigofereae) from the Pondoland Centre of Endemism, South Africa: Part 1. <i>South African Journal of Botany</i> 160: 55–74. https://doi.org/10.1016/j.sajb.2023.06.039	Listed reference: Incorporated
Grieve, K.W., Grieve, G.R.H. & Schrire, B.F. 2024. New and poorly known taxa of <i>Indigofera</i> (Fabaceae, Papilionoideae, Indigofereae) from the Pondoland Centre of Endemism, South Africa: Part 2. <i>South African Journal of Botany</i> 164: 397–321. https://doi.org/10.1016/j.sajb.2023.11.027	Listed reference: Incorporated
Du Preez, B., Dreyer, L.L., Stirton, C.H., Muasya, A.M. & Schrire, B.D. 2021. <i>Indigofera wenholdiae</i> (Indigofereae, Fabaceae), a new species from the Western Cape Province, South Africa. <i>PhytoKeys</i> 182: 107–112. https://doi.org/10.3897/phytokeys.182.72170	Additional reference: Incorporated
Stirton, C.H., Du Preez, B., Helme, N. & Muasya, A.M. 2024. A new species of <i>Aspalathus</i> (Fabaceae, Crotalariaeae) from the Cape Floristic Region, South Africa. <i>Phytotaxa</i> 665(1): 69–74. https://doi.org/10.11646/phytotaxa.665.1.8	Additional reference: Incorporated

Large publications that were prioritized:

Herman, P.P.J. 2022. A taxonomic revision of the genus <i>Callilepis</i> (Asteraceae) in South Africa. <i>Phytotaxa</i> 563(1): 1–62. https://doi.org/10.11646/phytotaxa.563.1.1	Listed reference: Incorporated
La Farge, C. 2002. <i>Leucoloma</i> I: A revision of subgenus <i>Leucoloma</i> (Dicranaceae, Bryopsida) in Africa and Madagascar. <i>The Bryologist</i> 105(4): 509–590. https://www.jstor.org/stable/3244634	Listed reference: Incorporated
La Farge, C. 2002. <i>Leucoloma</i> III: A species synopsis: typification, synonymy, and excluded names. <i>The Bryologist</i> 105(4): 606–624. http://dx.doi.org/10.1639/0007-2745(2002)105[0606:LIASST]2.0.CO;2	Additional reference: Incorporated
Otieno, D.F., Balkwill, K. & Paton, A.J. 2022. A worldwide revision of <i>Syncolostemon</i> (Ocimeae: Lamiaceae). <i>Kew Bulletin</i> 77: 538–646. https://www.doi.org/10.1007/S12225-022-10048-X	Listed reference: Incorporated

Publications linked to herbarium curation plans of SANBI staff:

Cohen, J.I., Manning, J.M. & Euston-Brown, D. 2019. <i>Lithospermum sylvestre</i> (Boraginaceae): a new species from the Baviaanskloof, Eastern Cape, South Africa. <i>Bothalia</i> 49(1): a2411 [pp. 1–5]. http://dx.doi.org/10.1007/s12011-019-01974-2	Additional reference: Incorporated
Swanepoel, W. & Van Wyk, A.E. 2023. <i>Petalidium karasbergense</i> (Acanthaceae), a new species from Namibia. <i>Phytotaxa</i> 609(1): 1–9. https://doi.org/10.11646/phytotaxa.609.1.1	Additional reference: Incorporated
Swanepoel, W. & Van Wyk, A.E. 2023. <i>Petalidium konkiepense</i> (Acanthaceae), a new species from Namibia. <i>Phytotaxa</i> 585(1): 29–38. https://doi.org/10.11646/phytotaxa.585.1.3	Additional reference: Incorporated
Swanepoel, W., Dexter, K.G., Loiseau, O. & Van Wyk, A.E. 2023. Reinstatement of the name <i>Petalidium ovatum</i> (Acanthaceae), with an amplified description of the species. <i>Phytotaxa</i> 626(3): 159–169. https://doi.org/10.11646/phytotaxa.626.3.2	Additional reference: Incorporated

Swanepoel, W., Manzitto-Tripp, E.A., Dexter, K.G. & Van Wyk, A.E. 2024. <i>Petalidium etendekaense</i> (Acanthaceae), a new species from Namibia, with notes on the taxonomic identity of <i>P. glutinosum</i> . <i>Phytotaxa</i> 636(1): 35–47. https://doi.org/10.11646/phytotaxa.636.1.3	Additional reference: Incorporated
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Publications for alien taxa:

Hughes, C.E., Ringelberg, J.J., Lewis, G.P. & Catalano, S.A. 2022. Disintegration of the genus <i>Prosopis</i> L. (Leguminosae, Caesalpinioideae, mimosoid clade). <i>PhytoKeys</i> 205: 147–189. https://doi.org/10.3897/phytokeys.205.75379	Listed reference: Incorporated
Wilson, P.G. & Heslewood, M.M. 2023. Revised taxonomy of the tribe <i>Leptospermae</i> (Myrtaceae) based on morphological and DNA data. <i>Taxon</i> 72(3): 550–571. https://doi.org/10.1002/tax.12892	Listed reference: Incorporated

Other recent publications:

Balkwill, K., Froneman, W., Darbyshire, I. & Condy, G. 2023. <i>Barleria makgabengensis</i> . <i>Flowering Plants of Africa</i> 68: 200–210.	Listed reference: Incorporated
Balkwill, K., Oosthuizen, D. & Deysel, L. 2023. <i>Tephrosia monticola</i> . <i>Flowering Plants of Africa</i> 68: 120–130.	Listed reference: Incorporated
Bytebier, B. 2023. <i>Eulophia edwardii</i> (Orchidaceae), a new species from the Pondoland Centre of Endemism in South Africa. <i>Plant Ecology and Evolution</i> 156(3): 326–332. https://doi.org/10.5091/plecevo.105931	Listed reference: Incorporated
Crespo, M.B., Alonso, M.A., Martinez-Azorin, M., Villar, J.L. & Mucina, L. 2023. What is wrong with <i>Frankenia nodiflora</i> Lam. (Frankeniaceae)? New insights into the South African sea-heaths. <i>Plant</i> 12: a2630 [29 pp.]. https://doi.org/10.3390/plants12142630	Listed reference: Incorporated
Crouch, N.R. & Smith, G.F. 2021. <i>Bulbine audreyae</i> N.R.Crouch & Gideon F.Sm. (Asphodelaceae subfam. Asphodeloideae), a new cremnophytic species with grass tuft-like rosettes from the Outeniqua range in South Africa. <i>Bradleya</i> 39: 125–130. https://doi.org/10.25223/brad.n39.2021.a11	Listed reference: Incorporated
Crouch, N.R. & Smith, G.F. 2023. <i>Cotyledon mckayi</i> (Crassulaceae subfam. Kalanchooideae), a new cremnophytic species from the central Tugela River Basin of KwaZulu-Natal, South Africa. <i>Phytotaxa</i> 632(2): 184–192. https://doi.org/10.11646/phytotaxa.632.2.8	Listed reference: Incorporated
Darbyshire, I., Balkwill, K. & Froneman, W. 2022. Two new species of <i>Barleria</i> (Acanthaceae) from the Soutpansberg of Limpopo Province, South Africa. <i>Kew Bulletin</i> 77: 475–489. https://www.doi.org/10.1007/S12225-022-10018-3	Listed reference: Incorporated
Darbyshire, I., Kiel, C.A., Chase, F.M. & Manzitto-Tripp, E.A. 2022. The demise of <i>Monechma</i> : new combinations and a new classification in the resurrected genera <i>Meiosperma</i> and <i>Pogonospermum</i> (Acanthaceae). <i>Kew Bulletin</i> 77: 249–270. https://www.doi.org/10.1007/S12225-022-10003-W	Listed reference: Incorporated
Dorr, L.J. 2023. Typification of three Linnaean names in the Byttnerioideae (Malvaceae). <i>Taxon</i> 72(4): 894–898. https://doi.org/10.1002/tax.12893	Listed reference: Incorporated
Duncan, G.D. 2023. Four new species and three taxonomic adjustments in <i>Lachenalia</i> (Asparagaceae: Scilloideae) from southern and western South Africa. <i>Phytotaxa</i> 585(4): 261–273. https://doi.org/10.11646/phytotaxa.585.4.2	Listed reference: Incorporated
Heiduk, A. & Styles, D.G.A. 2023. <i>Ceropegia strophanthiflora</i> (Apocynaceae—Asclepiadoideae)—a magnificent and rare new species from South Africa at the brink of extinction. <i>Phytotaxa</i> 632(1): 27–37. https://doi.org/10.11646/phytotaxa.632.1.2	Listed reference: Incorporated
Herman, P.P.J. 2022. <i>Hilliardiella elaeagnoides</i> and <i>H. oligocephala</i> (Asteraceae, Vernonieae), two distinct species and the description of a new variety. <i>Phytotaxa</i> 570(1): 29–42. https://doi.org/10.11646/phytotaxa.570.1.3	Listed reference: Incorporated
Jimenez-Lopez, F.J., Viruel, J., Arista, M., Ortiz, P.L. & Talavera, M. 2022. Molecular approaches reveal speciation between red- and blue-flowered plants in the Mediterranean <i>Lysimachia arvensis</i> and <i>L. monelli</i> (Primulaceae). <i>Botanical Journal of the Linnean Society</i> 199: 557–577. https://doi.org/10.1093/botlinnean/boab081	Listed reference: Incorporated
Kissling, J., Grieve, K.W., Grieve, G.R.H. & Bytebier, B. 2023. <i>Exochaenium natalense</i> (Gentianaceae), a reinstated taxon endemic to KwaZulu-Natal, South Africa. <i>Phytotaxa</i> 619(1): 117–122. https://doi.org/10.11646/phytotaxa.619.1.8	Listed reference: Incorporated
Manning, J.C. & Goldblatt, P. 2024. <i>Moraea saxatilis</i> (Iridaceae: Iridoideae), a new montane species from the Groot Winterhoek Wilderness Area of the Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> 165: 39–42. https://doi.org/10.1016/j.sajb.2023.12.008	Listed reference: Incorporated
Manning, J.C. & Strlic, M. 2024. <i>Pelargonium elizabethiae</i> and <i>P. geophyllum</i> , two new species in section Hoarea (Geraniaceae) from the Greater Cape Floristic Region, South Africa. <i>South African Journal of Botany</i> 167: 301–309. https://doi.org/10.1016/j.sajb.2024.02.016	Listed reference: Incorporated

Manning, J.C. 2023. A nomenclatural correction in <i>Colchicum</i> L. (Colchicaceae: Colchiceae) in southern Africa: two new combinations for <i>C. coloratum</i> J.C.Manning & Vinn., nom. superfl. <i>Bothalia – African Biodiversity & Conservation</i> 53(1), a5 [2 pp.]. http://dx.doi.org/10.38201/btha.abc.v53.i1.5	Listed reference: Incorporated
Manzitto-Tripp, E.A., Darbyshire, I., Daniel, T.G., Kiel, C.A. & McDade, L.A. 2021. Revised classification of Acanthaceae and worldwide dichotomous keys. <i>Taxon</i> 71(1): 103–153. https://doi.org/10.1002/tax.12600	Listed reference: Incorporated
Martinez-Azorin, M., Paonessa, G., Zaalberg, B., Crespo, M.B. & Alonso Vargas, M.A. 2023. <i>Trimelopter cordifolium</i> (Hyacinthaceae subfam. Ornithogaloideae), a new species from South Africa. <i>Phytotaxa</i> 620(2): 167–174. https://doi.org/10.11646/phytotaxa.620.2.4	Listed reference: Incorporated
Maswolidza, M., Manning, J.C. & Magee, A.R. 2024. <i>Annesorhiza tilneyae</i> (Apiaceae), a new species from the Western Cape, South Africa, validation of the name <i>Annesorhiza asparagoides</i> , and an updated identification key to the species in the genus. <i>South African Journal of Botany</i> 169: 525–530. https://doi.org/10.1016/j.sajb.2024.04.051	Listed reference: Incorporated
McKenzie, R.J. & Dold, A.P. 2023. Lectotypification of <i>Othonna crassifolia</i> Harv., a replaced synonym of <i>Crassothonna capensis</i> (Asteraceae, Senecioneae). <i>Phytotaxa</i> 618(3): 296–300. https://doi.org/10.11646/phytotaxa.618.3.8	Listed reference: Incorporated
McKenzie, R.J. & Dold, A.P. 2024. <i>Crassothonna moniliformis</i> (Asteraceae, Senecioneae), a new species from the Albany Centre of floristic endemism, South Africa. <i>Phytotaxa</i> 641(4): 243–254. https://doi.org/10.11646/phytotaxa.641.4.1	Listed reference: Incorporated
McMurtry, D., Burns, S., Balkwill, K. & Burrows, S.M. 2023. <i>Xerophyta burrowsiorum</i> . <i>Flowering Plants of Africa</i> 68: 22–33.	Listed reference: Incorporated
Smith, G.F. 2023. <i>Kalanchoe deliae</i> (K. [subg. Kalanchoe] sect. Raveta; Crassulaceae subfam. Kalanchooideae), a new species from the Barberton Centre of Endemism in northeastern southern Africa. <i>Phytotaxa</i> 632(2): 131–142. https://doi.org/10.11646/phytotaxa.632.2.3	Listed reference: Incorporated
Smith, G.F. 2023. Who published the name <i>Kalanchoe longiflora</i> (Crassulaceae subfam. Kalanchooideae)? The correct author attribution and typification of this species name. <i>Phytotaxa</i> 618(3): 254–264. https://doi.org/10.11646/phytotaxa.618.3.3	Listed reference: Incorporated
Smith, G.F., Grobler, R. & Hankey, A. 2023. <i>Bulbine decastroi</i> (Asphodelaceae subfam. Asphodeloideae), a new peatland species with grass tuft-like rosettes from Mpumalanga, South Africa. <i>Phytotaxa</i> 587(1): 59–65. https://doi.org/10.11646/phytotaxa.587.1.8	Listed reference: Incorporated
Struwig, M., Le Roux, P.T., Siebert, S.J. & Van Wyk, A.E. 2023. Two new species of <i>Stylochaeton</i> (Araceae: Aroideae) from South Africa. <i>Phytotaxa</i> 620(1): 1–17. https://doi.org/10.11646/phytotaxa.620.1.1	Listed reference: Incorporated
Van Wyk, A.E. & Boon, R.F.C. 2024. <i>Marijordaania</i> (Celastraceae: Cassinoideae), a new monotypic genus from South Africa. <i>Plant Ecology and Evolution</i> 157(1): 100–112. https://doi.org/10.5091/plecevo.116544	Listed reference: Incorporated

Other older publications:

Ajao, A.A., Jaca, T.P. & Moteetee, A.N. 2020. <i>Rhynchosia ngwenyii</i> (Phaseoleae, Fabaceae), a new species of <i>Rhynchosia</i> from South Africa. <i>Phytotaxa</i> 468(2): 221–225. https://doi.org/10.11646/phytotaxa.468.2.6	Listed reference: Incorporated
Kolokoto, R., Boatwright, J.S., Manning, J.C., Von Staden, L. & Magee, A.R. 2019. The correct identity of <i>Lasiosiphon microphyllus</i> (Meisn.) Meisn. (Thymelaeaceae) and the new combination <i>Lasiosiphon kuntzei</i> (Gilg.) R.Kolokoto & Magee. <i>Bothalia – African Biodiversity & Conservation</i> 49(1): a2383 [3 pp.]. https://doi.org/10.4102/abc.v49i1.2383	Listed reference: Incorporated
Siadati, S., Salmaki, Y., Mehrvarz, S.S., Heubl, G. & Weigend, M. 2018. Untangling the generic boundaries in tribe Marrubieae (Lamiaceae: Lamioideae) using nuclear and plastid DNA sequences. <i>Taxon</i> 67(4): 770–783. https://doi.org/10.12705/674.6	Listed reference: Incorporated
Stangberg, F., Karis, P.O. & Anderberg, A. 2018. Intergeneric relationships in the <i>Gorteria</i> clade of Arctotideae-Gorteriinae (Asteraceae), with description of a new genus, <i>Roessleria</i> . <i>South African Journal of Botany</i> 118: 216–231. https://doi.org/10.1016/j.sajb.2018.07.018	Listed reference: Incorporated
Van Jaarsveld, E.J. & Venter, F. 2017. <i>Ledebouria loedolffiae</i> , eine neue, Felsen besiedelnde halbsukkulente Zwiebelpflanze des Ostkaps / <i>Ledebouria loedolffiae</i> , a new cliff-dwelling semisucculent bulb species from the Eastern Cape. <i>Avonia</i> 35(3): 134–139.	Listed reference: Incorporated

Publications where the proposed classification are not accepted in SANPC (Committee decisions from June 2024 meeting), but where names of new species etc. were incorporated:

Martinez-Azorin, M., Crespo, M.B., Alonso-Vargas, M.A., Pinter, M., Crouch, N.R., Dold, A.P., Mucina, L., Pfosser, M. & Wetschnig, W. 2023. A generic monographs of the Hyacinthaceae subfamily Urgineoideae. <i>Phytotaxa</i> 610(1): 1–143. https://www.doi.org/10.11646/phytotaxa.610.1.1	Only new names incorporated as per Committee decision
Martinez-Azorin, M., Dold, A.P., Crespo, M.B., Alonso Vargas, M.A. 2023. <i>Austronea oblongifolia</i> (Hyacinthaceae subfam. Urgineoideae), a new species from the Eastern Cape Province in South Africa. <i>Phytotaxa</i> 585(1): 48–54. https://doi.org/10.11646/phytotaxa.585.1.5	Additional reference: Incorporated
Martinez-Azorin, M., Pinter, M., Crespo, M.B., Alonso Vargas, M.A. 2020. <i>Austronea phyllopogon</i> (Hyacinthaceae, Urgineoideae), a new species from the Kamiesberg, Northern Cape Province in South Africa. <i>Phytotaxa</i> 449(2): 203–206. https://doi.org/10.11646/phytotaxa.449.2.10	Additional reference: Incorporated
Martinez-Azorin, M., Crespo, M.B., Alonso Vargas, M.A., Crouch, N.R., Pinter, M. 2021. <i>Triandra pellabergensis</i> (Hyacinthaceae subfam. Urgineoideae), a new genus and species from Pella se Berge, Northern Cape Province, South Africa. <i>Phytotaxa</i> 487(1): 65–74. https://doi.org/10.11646/phytotaxa.487.1.5	Additional reference: Incorporated
Cicuzza, D., Staheli, D.S., Nyffeler, R. & Eggli, U. 2017. Morphology and anatomy support a reclassification of the African succulent taxa of <i>Senecio</i> s.l. (Asteraceae: Senecioneae). <i>Haseltonia</i> 23: 1–26. https://doi.org/10.2985/026.023.0103	Committee decisions incorporated
Ozerova, L.V., Schanzer, I.A. & Timonin, A.C. 2017. <i>Curio</i> alliance (Asteraceae: Senecioneae) revisited. <i>Wulfenia</i> 24: 29–52. https://www.zobodat.at/pdf/Wulfenia_24_0029-0052.pdf	Committee decisions incorporated
Smith, G. F., & Figueiredo, E. (2020). $\times$ <i>Senecurio</i> , a new nothogenus for the hybrid $\times$ <i>S. kleiniiformis</i> (Asteraceae subfam. Asteroideae tr. Senecioneae) <i>Phytotaxa</i> 464(2): 185–187. https://doi.org/10.11646/phytotaxa.464.2.6	Additional reference: Incorporated

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