

## Report by the South African Plant Checklist Committee regarding the 2021 official yearly release of the South African National Plant Checklist

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 January every year. The 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 2020 which are incorporated in the version released in January 2021. 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.

The following genera were wholly or partly updated in 2020. Where a genus was updated in its entirety, the checklist was checked and approved by the taxon expert as indicated. 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.

Family	Genus	Genus / taxon treatment	Checked by
Acanthaceae	<b>Barleria</b> L.	<p>Obermeyer, A.A. 1933. A revision of the South Africa species of <i>Barleria</i>. <i>Annals of the Transvaal Museum</i> 16: 123–180.</p> <p>Meeuse, A. &amp; Obermeyer, A.A. 1961. Notes and new records of African plants: Acanthaceae. <i>Bothalia</i> 7(3): 443–447.</p> <p>Balkwill, M-J., Balkwill, K. &amp; Vincent, P.L.D. 1990. Systematic studies in the Acanthaceae: a new species of <i>Barleria</i> from Natal. <i>South African Journal of Botany</i> 56(5): 571–576.</p> <p>Balkwill, M-J., Stalmans, M. &amp; Balkwill, K. 1992. Systematic studies in the Acanthaceae: a new species of <i>Barleria</i> from the north-eastern Transvaal, with some notes on its ecology. <i>South African Journal of Botany</i> 58(4): 286–291.</p> <p>Darbyshire, I., Tripp, E.A. &amp; Dexter, K.G. 2012. A new species and a revised record in Namibian <i>Barleria</i> (Acanthaceae). <i>Kew Bulletin</i> 67(4): 759–766.</p> <p>Darbyshire, I., McClelland, W. &amp; Froneman, W. 2017. <i>Barleria lebomboensis</i> (Acanthaceae), and endangered new species from the Lebombo Mountains of Swaziland. <i>Phytotaxa</i> 323(2): 173–181.</p> <p>Darbyshire, I., Tripp, E.A. &amp; Chase, F.M. 2019. A taxonomic revision of Acanthaceae tribe Barlerieae in Angola and Namibia. Part 1. <i>Kew Bulletin</i> 74, e5: 1–85.</p>	Hester Steyn
Acanthaceae	<b>Ecbolium</b> Kurz	<p>Vollesen, K. 1989. A revision of <i>Megalochlamys</i> and <i>Ecbolium</i> (Acanthaceae: Justicieae). <i>Kew Bulletin</i> 44(4): 601–680.</p>	Hester Steyn
Acanthaceae	<b>Megalochlamys</b> Lindau	<p>Vollesen, K. 1989. A revision of <i>Megalochlamys</i> and <i>Ecbolium</i> (Acanthaceae: Justicieae). <i>Kew Bulletin</i> 44(4): 601–680.</p>	Hester Steyn
Aizoaceae	<b>Drosanthemopsis</b> Rauschert	<p>Klak, C., Hanacek, P. &amp; Bruyns, P.V. 2018. A recircumscription of <i>Jacobsenia</i> (Aizoaceae): Re-instating <i>Drosanthemopsis</i>, with two new quartz-endemics from Namaqualand, South Africa and sinking <i>Knersia</i>. <i>South African Journal of Botany</i> 116: 67–81.</p>	Cornelia Klak

Family	Genus	Genus / taxon treatment	Checked by
Aizoaceae	<b>Jacobsenia</b> L.Bolus & Schwantes	Klak, C., Hanacek, P. & Bruyns, P.V. 2018. A recircumscription of <i>Jacobsenia</i> (Aizoaceae): Re-instating <i>Drosanthemopsis</i> , with two new quartz-endemics from Namaqualand, South Africa and sinking <i>Knersia</i> . <i>South African Journal of Botany</i> 116: 67–81.	Cornelia Klak
Amaryllidaceae	<b>Amaryllis</b> L.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Ammocharis</b> Herb.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Apodolirion</b> Baker	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Boophone</b> Herb.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Brunsvigia</b> Heist.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Clivia</b> Lindl.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Crinum</b> L.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Crossyne</b> Salib.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Cryptostephanus</b> Welw. ex Baker	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Cyrtanthus</b> Aiton	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Gethyllis</b> L.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Haemanthus</b> L.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Hessea</b> Herb.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Namaquanula</b> D.Müll.-Doblies & U.Müll.-Doblies	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Nerine</b> Herb.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Pancratium</b> L.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Scadoxus</b> Raf.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Amaryllidaceae	<b>Strumaria</b> Jacq.	Duncan, G., Jeppe, B. & Voigt, L. 2016. <i>The Amaryllidaceae of southern Africa</i> . Umdaus Press, Hatfield.	Graham Duncan, comments pending
Apocynaceae	<b>Ancylobothrys</b> Pierre	Reddy, R.A., Balkwill, K. & Ralepele, F. 2020. A taxonomic revision of the genus <i>Ancylobothrys</i> (Apocynaceae, Plumerioidae) in South Africa, including the description of a new geoxylic species. <i>South African Journal of Botany</i> 130: 117–122.	Pieter Bester

Family	Genus	Genus / taxon treatment	Checked by
Apocynaceae	<b>Vincetoxicum</b> Wolf	Liede-Schumann, S. & Meve, U. 2018. <i>Vincetoxicum</i> (Apocynaceae—Asclepiadoideae) expanded to include <i>Tylophora</i> and allies. <i>Phytotaxa</i> 369(3): 129–184. <a href="https://doi.org/10.11646/phytotaxa.369.3.1">https://doi.org/10.11646/phytotaxa.369.3.1</a> Meve, U., Heiduk, A. & Liede-Schumann, S. 2020. A new endemic <i>Vincetoxicum</i> (Apocynaceae) in the Eastern Cape, and a conspectus of the genus for South Africa. <i>Phytotaxa</i> 447(3): 185–194. <a href="https://doi.org/10.11646/phytotaxa.447.3.4">https://doi.org/10.11646/phytotaxa.447.3.4</a>	Pieter Bester
Asteraceae	<b>Achyranthemum</b> N.G.Bergh	Bergh, N.G. & Manning, J.C. 2019. <i>Achyranthemum</i> N.G.Bergh, a new genus segregated from <i>Syncarpha</i> DC. (Asteraceae, Gnaphalieae). <i>South African Journal of Botany</i> 125: 434–456.	Nicola Bergh
Asteraceae	<b>Curio</b> P.V.Heath	Heath, P.V. 1997. Three new generic names in the Asteraceae (Part 1). <i>Calyx</i> 5(4): 136. Heath, P.V. 1999. Three new generic names in the Asteraceae (Part 2). <i>Calyx</i> 6(2): 54–55. Ozerova, L.V., Schanzer, I.A. & Tomonin, A.C. 2017. <i>Curio</i> alliance (Asteraceae: Senecioneae) revisited. <i>Wulfenia</i> 24: 29–52. Cicuzza, D., Staheli, D.S., Nyffeler, R. & Egli, 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: 11–26.	John Manning
Asteraceae	<b>Othonna</b> L.	Compositae Newsletter 50: 70–77 (2012). Magoswana, S.L., Boatwright, J.S., Magee, A.R. & Manning, J.C. 2019. A taxonomic revision of the <i>Othonna bulbosa</i> group (Asteraceae: Senecioneae: Othonninae). <i>Annals of the Missouri Botanical Garden</i> 104(4): 515–562.	Update of part of genus. To be checked when whole genus is updated.
Asteraceae	<b>Pteronia</b> L.	Bello, A.O., Boatwright, J.S., Tilney, P.M., Van der Bank, M. & Magee, A.R. 2017. A taxonomic revision of the <i>Pteronia camphorata</i> group (Astereae, Asteraceae). <i>South African Journal of Botany</i> 113: 277–287. Bello, A.O., Boatwright, J.S., Van der Bank, M. & Magee, A.R. 2020. Four new species of <i>Pteronia</i> (Astereae, Asteraceae) from South Africa. <i>Phytotaxa</i> 430(1): 25–32.	Update of part of genus. To be checked when whole genus is updated.
Asteraceae	<b>Zyrphelis</b> Cass.	Nesom, G.L. 1994. Repartition of <i>Mairia</i> (Asteraceae: Astereae). <i>Phytologia</i> 76(2): 85–95. Ortiz, S. & Zinnecker-Wiegand, U. 2011. Valid publication of names in Asteraceae originally proposed in 1990 in a University of Munich dissertation. <i>Taxon</i> 60(4): 1194–1198. Manning, J.C. & Goldblatt, P. 2012. Asteraceae: <i>Zyrphelis</i> . In: J.C. Manning & P. Goldblatt (eds), <i>Plants of the Greater Cape Floristic Region 1: the Core Cape flora</i> . Strelitzia 29. South African National Biodiversity Institute, Pretoria.	Update of part of genus. To be checked when whole genus is updated.
Campanulaceae	<b>Kericodon</b> Cupido	Cupido, C.N. & Weitz, F.M. 2016. <i>Kericodon</i> (Campanulaceae s.s.), a new monotypic wahlenbergioid genus from South Africa. <i>Kew Bulletin</i> 71(4), a56: 1–10.	Only 1 species in SA
Cyperaceae	<b>Schoenus</b> L.	Elliott, T.L. & Muasya, M.A. 2017. Taxonomic realignment in the southern African <i>Tetraria</i> (Cyperaceae, tribe Schoeneae; <i>Schoenus</i> clade). <i>South African Journal of Botany</i> 112: 354–360. Elliott, T.L. & Muasya, M.A. 2018. A taxonomic revision of <i>Schoenus compar</i> - <i>Schoenus pictus</i> and allies (Cyperaceae, tribe Schoeneae) with three new species described from South Africa. <i>South African Journal of Botany</i> 114: 303–315. Elliott, T.L., Barrett, R.L. & Muasya, M.A. 2019. A taxonomic revision of <i>Schoenus cuspidatus</i> and allies (Cyperaceae, tribe Schoeneae)—Part 1. <i>South African Journal of Botany</i> 121: 519–535.	Tammy Elliott

Family	Genus	Genus / taxon treatment	Checked by
		<p>Elliott, T.L. &amp; Muasya, M.A. 2019. Three new species and a new combination among Southern African <i>Schoenus</i> (Cyperaceae, tribe Schoeneae). <i>Phytotaxa</i> 401(4): 267–275.</p> <p>Elliott, T.L. &amp; Muasya, M.A. 2020. A taxonomic revision of <i>Schoenus cuspidatus</i> and allies (Cyperaceae, tribe Schoeneae)—Part 2. <i>South African Journal of Botany</i> 130: 327–347.</p> <p>Elliott, T.L., Euston-Brown, D.I.W. &amp; Muasya, A.M. 2020. <i>Schoenus inconspicuus</i> (Cyperaceae, tribe Schoeneae): a new species from Southern Africa. <i>Phytotaxa</i> 440(3): 239–244.</p> <p>Elliott, T.L. &amp; Muasya, M.A. 2020. A taxonomic revision of <i>Epischoenus</i> group of <i>Schoenus</i> (Cyperaceae, tribe Schoeneae). <i>South African Journal of Botany</i> 135: 296–316.</p>	
Droseraceae	<b>Drosera</b> L.	<p>Following Kubitzki, K. 2003. In: K. Kubitzki, <i>Families and genera of vascular plants</i> 5: 198–202</p> <p>Fleischman, A. 2018. <i>Drosera xerophila</i> (Droseraceae), a new species from Overberg District, South Africa, and an overview of the rosetted hemicryptophyte sundew species from Western Cape Province. <i>Willdenowia</i> 48(1): 93–107.</p>	Update of part of genus. To be checked when whole genus is updated.
Euphorbiaceae	<b>Euphorbia</b> L.	<p>Bruyns, P.V., Mapaya, R.J. &amp; Hedderson, T. 2006. A new subgeneric classification for <i>Euphorbia</i> (Euphorbiaceae) in southern Africa based on ITS and psb-A-trnH sequence data. <i>Taxon</i> 55(2): 397–420.</p> <p>Bruyns, P.V. 2012. Nomenclature and typification of southern African species of <i>Euphorbia</i>. <i>Bothalia</i> 42(2): 217–245.</p> <p>Dorsey, B.L., Haevermans, T., Aubriot, X., Morawetz, J.J., Riina, R., Steinmann, V.W. &amp; Berry, P.E. 2013. Phylogenetics, morphological evolution and classification of <i>Euphorbia</i> subgenus <i>Euphorbia</i>. <i>Taxon</i> 62(2): 291–315.</p> <p>Bruyns, P.V. 2018. New taxa in <i>Euphorbia</i> (Euphorbiaceae) in southern Africa. <i>Haseltonia</i> 25: 30–56.</p> <p>Bruyns, P.V. 2019. A new species, a new name and new synonyms in <i>Euphorbia</i> subg. <i>Esula</i> (Euphorbiaceae) from South Africa. <i>Phytotaxa</i> 423(2): 93–98.</p>	Update of part of genus. To be checked when whole genus is updated.
Fabaceae	<b>Neorautanenia</b> Schinz	Tibini, S. Manyelo, T.S. & Moteetee, A. 2019. Taxonomic notes on the genus <i>Neorautanenia</i> (Fabaceae–Phaseoleae). <i>Bothalia-ABC</i> 49(1): a2405 (9 pp.).	Anna Moteetee
Geraniaceae	<b>Pelargonium</b> L'Her.	Le Roux, M.M. 2019. A taxonomic revision of the southern African species of <i>Pelargonium</i> section <i>Peristera</i> (Geraniaceae). <i>Phytotaxa</i> 418(2): 119–157 (2019).	Update of part of genus. To be checked when whole genus is updated.
Haloragaceae	<b>Laurembergia</b> P.J.Bergius	Obermeyer, A.A. 1973. Halorrhagidaceae: a note on <i>Laurembergia repens</i> . <i>Bothalia</i> 11(1/2): 116–117.	Only 1 taxon in SA
Hyacinthaceae	<b>Merwillia</b> Speta	Manning, J.C. 2019. Systematics of the sub-Saharan African squills: The genera <i>Merwillia</i> , <i>Pseudoprospero</i> , <i>Schizocarphus</i> and <i>Spetaea</i> (Hyacinthaceae: Scilloideae). <i>South African Journal of Botany</i> 125: 411–426.	John Manning
Hyacinthaceae	<b>Pseudoprospero</b> Speta	Manning, J.C. 2019. Systematics of the sub-Saharan African squills: The genera <i>Merwillia</i> , <i>Pseudoprospero</i> , <i>Schizocarphus</i> and <i>Spetaea</i> (Hyacinthaceae: Scilloideae). <i>South African Journal of Botany</i> 125: 411–426.	John Manning
Hyacinthaceae	<b>Schizocarphus</b> Van der Merwe	Manning, J.C. 2019. Systematics of the sub-Saharan African squills: The genera <i>Merwillia</i> , <i>Pseudoprospero</i> , <i>Schizocarphus</i> and <i>Spetaea</i> (Hyacinthaceae: Scilloideae). <i>South African Journal of Botany</i> 125: 411–426.	John Manning
Hyacinthaceae	<b>Spetaea</b> Wetschnig & Pfosser	Manning, J.C. 2019. Systematics of the sub-Saharan African squills: The genera <i>Merwillia</i> , <i>Pseudoprospero</i> , <i>Schizocarphus</i> and <i>Spetaea</i> (Hyacinthaceae: Scilloideae). <i>South African Journal of Botany</i> 125: 411–426.	John Manning

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Poaceae	<b>Trisetopsis</b> Roser & A.Wolk	Wolk, A. & Roser, M. 2013. The new genus <i>Trisetopsis</i> and new combinations in oat-like grasses (Poaceae). <i>Schlechtendalia</i> 25: 57–61. Wolk, A. & Roser, M. 2014. Polyploid evolution, intercontinental biogeographical relationships and morphology of the recently described African oat genus <i>Trisetopsis</i> (Poaceae). <i>Taxon</i> 63(4): 773–788.	Caroline Mashau
Rubiaceae	<b>Vangueria</b> Comm. ex Juss.	Lantz, H. & Bremer, B. 2005. Phylogeny of the complex Vanguerieae (Rubiaceae) genera <i>Fadogia</i> , <i>Rytigynia</i> , and <i>Vangueria</i> with close relatives and a new circumscription of <i>Vangueria</i> . <i>Plant Systematics &amp; Evolution</i> 253: 159–183.	Hester Steyn
Santalaceae	<b>Thesium</b> L.	Hill, A.W. 1915. The genus <i>Thesium</i> in South Africa, with a key and descriptions of new species. <i>Bulletin of Miscellaneous Information, Kew</i> 1915(1): 1–43. Brenan, J.P.M. 1979. Three new species of <i>Thesium</i> (Santalaceae) from South Africa. <i>Kew Bulletin</i> 33(3): 395–397. Brenan, J.P.M. 1958. New species of <i>Selago</i> and <i>Thesium</i> (Santalaceae) from South Africa. <i>Kew Bulletin</i> 40(1): 81–83. Forest, F. & Manning, J.C. 2013. The minor genera <i>Kunkeliella</i> and <i>Thesidium</i> included in <i>Thesium</i> . <i>Bothalia</i> 43(2): 214–216. Visser, N., Le Roux, M.M. & Van Wyk, B-E. 2018. A taxonomic revision of the <i>Thesium goetzeanum</i> species complex (Santalaceae) from Lesotho, South Africa and Swaziland. <i>South African Journal of Botany</i> 119: 45–62. Garcia, M.A., Nickrent, D.L. & Mucina, L. 2018. <i>Thesium nautimontanum</i> , a new species of Thesiaceae (Santalales) from South Africa. <i>PhytoKeys</i> 109: 41–51. Lombard, N., Le Roux, M.M. & Van Wyk, B-E. 2019. <i>Thesium ovatifolium</i> (Santalaceae), a new species with ovate leaves from KwaZulu-Natal, South Africa. <i>Phytotaxa</i> 405(5): 263–268. Zhigila, D.A., Verboom, G.A., Strirton, C.H. & Muasya, A.M. 2019. A taxonomic revision of <i>Thesium</i> section <i>Hagnothesium</i> (Santalaceae) and description of a new species, <i>T. quartzicolum</i> . <i>South African Journal of Botany</i> 124: 280–303. Zhigila, D.A., Verboom, G.A., Strirton, C.H., Smith, H.J. & Muasya, A.M. 2019. Six new <i>Thesium</i> (Santalaceae) species endemic to the Greater Cape Floristic Region, South Africa, and one new name. <i>Phytotaxa</i> 423(4): 215–237.	Update of parts of genus. To be checked when whole genus is updated.

Report compiled on 26/1/2021 by

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On behalf of the SA Plant Checklist Committee:

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