

## Updates to Western Australia's vascular plant census for 2021

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### SHORT COMMUNICATION

The census database at the Western Australian Herbarium (PERTH), which provides the nomenclature for the website *Florabase* (Western Australian Herbarium 1998–), lists current names and recent synonymy for Western Australia's native and naturalised vascular plants, as well as algae, bryophytes, lichens, slime moulds and some fungi. The names represented in the census are either sourced from published research or denote as yet unpublished names based on herbarium voucher specimens. We herein summarise the changes made to vascular plant names in this database during 2021.

Sixty three taxa were newly recorded for the State, of which seven are naturalised and 18 have been added to the Threatened and Priority Flora list for Western Australia (Smith & Jones 2018; Western Australian Herbarium 1998–) (Table 1). A total of 153 name changes were made, including the formal publication of 20 phrase-named taxa (Table 2). Plant groups for which several name changes were made include *Baumea* Gaudich. (Wilson 2015) and *Corynotheca* Benth. (Barrett *et al.* 2021c). Ongoing research resulted in numerous publications supporting four new species and five new combinations in *Nicotiana* L. (Chase & Christenhusz 2021a; Chase & Christenhusz 2021b; Chase & Christenhusz 2021c; Chase & Christenhusz 2021d; Chase *et al.* 2021a; Chase *et al.* 2021b; Chase *et al.* 2021c; Chase *et al.* 2021d). New genera to Western Australia in 2021 included *Apatelantha* T.C.Wilson & Henwood (Wilson *et al.* 2021), *Netrostylis* R.L.Barrett, J.J.Bruhl & K.L.Wilson removed from *Tetraria* P.Beauv. (Barrett *et al.* 2021a) and *Ammothryon* R.L.Barrett, K.L.Wilson & J.J.Bruhl (Barrett *et al.* 2021b). An older genus *Grona* Lour. was separated and reinstated from *Desmodium* Desv. (Ohashi & Ohashi 2018). Table 2 also includes cases where there has been a change of taxonomic concept, misapplication, exclusion or rank change.

**Table 1.** New records added to Western Australia's vascular plant census during 2021. *in litt.* = in correspondence; *in sched.* = on herbarium sheet/label; \* = naturalised; T, P1–P4 = Department of Biodiversity, Conservation and Attractions Conservation Codes for Western Australian flora (Smith & Jones 2018; Western Australian Herbarium 1998–).

New Name	Status	Comments
<i>Anarthria dioica</i> (Steud.) C.I.Fomichev		See Fomichev <i>et al.</i> (2021).
<i>Anarthria grandiflora</i> Nees		New record for WA. See Fomichev <i>et al.</i> (2021).

New Name	Status	Comments
<i>Anthocercis anisantha</i> subsp. <i>collina</i> Haegi		New record for WA. L. Haegi <i>in litt.</i> (07/09/2021).
<i>Arisarum vulgare</i> O.Targ.Tozz.	*	New naturalised record for WA. M. Hislop <i>in sched.</i> (30/11/2020).
<i>Caladenia</i> sp. Bulbarnet (G. Brockman GBB 2880)		A.P. Brown <i>in litt.</i> (13/11/2020).
<i>Calandrinia</i> sp. Berry Springs (M.O. Parker 855)		F. Obbens <i>in sched.</i> (23/08/2021).
<i>Calandrinia</i> sp. Hamelin Station (F. Obbens FO 02/20)	P1	F. Obbens <i>in litt.</i> (25/03/2021).
<i>Calytrix</i> sp. Cape Riche (G.J. Keighery & B.J. Keighery 2934)	P1	F. Nge <i>in litt.</i> (19/01/2021).
<i>Calytrix</i> sp. Wandana (G. Byrne 1750)	P3	B.L. Rye <i>in litt.</i> (04/05/2021).
<i>Conocarpus erectus</i> L.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (28/07/2021).
<i>Corynotheca borealis</i> R.L.Barrett, Keighery & T.Macfarlane		See Barrett <i>et al.</i> (2021c).
<i>Corynotheca dichotoma</i> (F.Muell.) Benth.		New record for WA. See Barrett <i>et al.</i> (2021c).
<i>Corynotheca licrota</i> R.J.F.Hend.		New record for WA. See Barrett <i>et al.</i> (2021c).
<i>Drosera margaritacea</i> T.Krueger & A.Fleischm.		See Krueger <i>et al.</i> (2021).
<i>Drosera</i> sp. Kentdale (G.J. Bourke 458)		T. Krueger <i>in litt.</i> (20/09/2021).
<i>Drosera</i> sp. Lesueur National Park (C.A. Gardner 9350)		T. Krueger <i>in litt.</i> (20/09/2021).
<i>Eulalia simonii</i> R.M.Butler & Trudgen		See Butler & Trudgen (2021).
<i>Euphorbia papillata</i> Halford & W.K.Harris		New record for WA. M. Hislop <i>in sched.</i> (30/11/2021).
<i>Euphorbia papillata</i> Halford & W.K.Harris var. <i>papillata</i>		New record for WA. M. Hislop <i>in sched.</i> (30/11/2021).
<i>Ficus desertorum</i> B.C.Wilde & R.L.Barrett		See Wilde & Barrett (2021).
<i>Fitzwillia</i> sp. Newdegate (A. Coates 8766)	P1	M. Hislop <i>in litt.</i> (14/01/2021).
<i>Glinus oppositifolius</i> var. <i>keenanii</i> (C.B.Clarke) Sukhor.		See Sukhorukov <i>et al.</i> (2021).
<i>Gonocarpus keigheryi</i> M.L.Moody		See Moody & Garcia (2021).
<i>Gonocarpus orchardii</i> M.L.Moody		See Moody & Garcia (2021).
<i>Goodenia</i> sp. Charnley River (M.D. Barrett MDB 5163)	P1	M.D. Barrett <i>in litt.</i> (10/12/2020).
<i>Grevillea brachystylis</i> subsp. Yelverton (A. Webb AW09122)	P2	A. Webb <i>in litt.</i> (17/03/2021).
<i>Grevillea merceri</i> Olde & Marriott		See Olde & Marriott (2021).

New Name	Status	Comments
<i>Grevillea trichantha</i> Olde		See Olde (2021b).
<i>Hibiscus</i> sp. Kununurra (K.F. Kenneally 1940)		A. Markey <i>et al.</i> <i>in sched.</i> (21/09/2021).
<i>Hypocalymma suave</i> Lindl.		New record for WA. B.L. Rye <i>in litt.</i> (04/05/2021).
<i>Indigofera deserticola</i> Peter G. Wilson & Rowe		See Wilson (2021).
<i>Indigofera rotula</i> Peter G. Wilson		See Wilson (2021).
<i>Kunzea petrophila</i> Toelken	P1	New record for WA. R.L. Barrett <i>in litt.</i> (17/12/2020).
<i>Lolium arundinaceum</i> (Schreb.) Darbysh. subsp. <i>arundinaceum</i>	*	New naturalised record for WA. See Banfi <i>et al.</i> (2017).
<i>Lycopus europaeus</i> L.	*	New naturalised record for WA. See Keighery (2021).
<i>Microcorys</i> sp. Parker Range (C. Hancock s.n. PERTH 09215123)	P2	M. Hislop <i>in litt.</i> (12/01/2021).
<i>Nicotiana insecticida</i> M.W.Chase & Christenh.		See Chase & Christenhusz (2021b).
<i>Nicotiana murchisonica</i> M.W.Chase & Christenh.		See Chase <i>et al.</i> (2021d).
<i>Nicotiana pila</i> M.W.Chase & Christenh.		See Chase & Christenhusz (2021c).
<i>Nicotiana salina</i> M.W.Chase, M.F.Fay & Christenh.		See Chase <i>et al.</i> (2021c).
<i>Olearia</i> sp. Jerramungup (E.M. Sandiford 2528)	P1	M. Hislop <i>in litt.</i> (21/04/2021).
<i>Opuntia leoglossa</i> Font & M.Köhler	*	See Köhler & Font (2021).
<i>Pandorea jasminoides</i> (G.Don) K.Schum.	*	New naturalised record for WA. See Keighery & Keighery (2021).
<i>Paranotis</i> sp. Pilbara (H. Ajduk HAOP04a)	P1	S. Dillon <i>in litt.</i> (29/07/2021).
<i>Portulaca</i> sp. Kununurra (M.D. Barrett MDB 5981)		M.D. Barrett <i>in litt.</i> (28/01/2021).
<i>Pterostylis occulta</i> G.Brockman & C.J.French		See Brockman & French (2021).
<i>Ptilotus crinitus</i> T.Hammer & R.W.Davis		See Hammer & Davis (2021).
<i>Sesamum indicum</i> L.	*	New naturalised record for WA. A. Markey <i>in litt.</i> (10/02/2021).
<i>Sesuvium portulacastrum</i> (L.) L. subsp. <i>portulacastrum</i>		New record for WA. See CHAH (2021a).
<i>Stenanthemum</i> sp. Eganu (S. Patrick 4537)	P2	K.R. Thiele <i>in litt.</i> (02/03/2021).
<i>Streptoglossa</i> sp. South Coast (R.M. Hoggart 16/1113)	P2	M. Hislop <i>in litt.</i> (31/12/2020).
<i>Styphelia</i> sp. Kirkalocka (A.S. George 17738)	P1	M. Hislop <i>in litt.</i> (21/04/2021).

New Name	Status	Comments
<i>Styphelia</i> sp. Watheroo (M. Hislop 4324)		M. Hislop <i>in litt.</i> (29/11/2021).
<i>Swainsona katjarra</i> R.W.Davis & T.Hammer	P1	See Davis & Hammer (2020).
<i>Swainsona</i> sp. Karara (C. Godden & J. Hruban 24-26)	P1	R. Davis <i>in litt.</i> (28/04/2021).
<i>Tephrosia sabulosa</i> R.Butcher		See Butcher (2021b).
<i>Thelymitra</i> sp. South coast (G. Byrne 5133)	P2	A.P. Brown <i>in litt.</i> (30/08/2021).
<i>Themeda</i> sp. Panorama (J. Nelson et al. NS 102)	P1	P. Jayasekara <i>in litt.</i> (14/07/2020).
<i>Tricostularia drummondii</i> (Steud.) R.L.Barrett & K.L.Wilson		See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Albany (R.L. Barrett & K.L. Wilson RLB 5342)		See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Mogumber (A. Harris s.n., 23/12/2015)		See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Porongurup (I. Abbott 18)	P1	See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Two Peoples Bay (G. Wardell-Johnson GWJ 114)		See Barrett <i>et al.</i> (2021b).

**Table 2.** Changes to existing entries in Western Australia’s vascular plant census during 2021. Excluded taxon = a name used in the botanical literature that refers to a taxon never occurring in WA; misapplied name = a name used in the botanical literature but now considered to refer to one or more different WA taxa; nomenclatural synonym = a superseded name based on the same type specimen as the accepted name; taxonomic synonym = a superseded name based on a different type specimen to the accepted name; orthographic variant = mis-spelling of a name in original publication; *in litt.* = in correspondence; *in sched.* = on herbarium sheet/label. Status: \* = naturalised; X, T, P1–P4 = Department of Biodiversity, Conservation and Attractions Conservation Codes for Western Australian flora (Smith & Jones 2018; Western Australian Herbarium 1998–).

Old Name	New Name	Status	Comments
<i>Acacia catenulata</i> C.T.White subsp. <i>catenulata</i>	n/a		Excluded taxon. This taxon does not occur in WA. See Maslin & van Leeuwen (2008).
<i>Acacia karina</i> Maslin & Buscumb	<i>Acacia karinae</i> Maslin & Buscumb	P1	Orthographic variant. J.M. Huisman <i>in litt.</i> (29/05/2019).
<i>Acacia</i> sp. small seed (B.R. Maslin 7830)	<i>Acacia acuminata</i> subsp. small seed (B.R. Maslin 7830)		Name synonymised. B.R. Maslin <i>in sched.</i> (15/09/2021).
<i>Actinoschoenus arthrotyloides</i> (W.Fitzg.) K.L.Clarke, K.L.Wilson & J.J.Bruhl	<i>Scleroschoenus arthrotyloides</i> (W.Fitzg.) K.L.Wilson & J.J.Bruhl		Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Actinoschoenus glabrispiculus</i> Rye, R.L.Barrett & M.D.Barrett	<i>Scleroschoenus glabrispiculus</i> (Rye, R.L.Barrett & M.D.Barrett) K.L.Wilson & J.J.Bruhl	P3	Nomenclatural synonym. See Larridon <i>et al.</i> (2021).

Old Name	New Name	Status	Comments
<i>Actinoschoenus pentagonus</i> Rye, R.L.Barrett & M.D.Barrett	<i>Scleroschoenus pentagonus</i> (Rye, R.L.Barrett & M.D.Barrett) K.L.Wilson & J.J.Bruhl		Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Actinoschoenus quadricostatus</i> Rye, R.L.Barrett & M.D.Barrett	<i>Scleroschoenus quadricostatus</i> (Rye, R.L.Barrett & M.D.Barrett) K.L.Wilson & J.J.Bruhl	P1	Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Actinoschoenus ramosus</i> Rye, R.L.Barrett & M.D.Barrett	<i>Scleroschoenus ramosus</i> (Rye, R.L.Barrett & M.D.Barrett) K.L.Wilson & J.J.Bruhl	P3	Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Aptenia cordifolia</i> (L.f.) Schwantes	<i>Mesembryanthemum cordifolium</i> L.f.	*	Nomenclatural synonym. See Klak <i>et al.</i> (2007).
<i>Arthrostylis aphylla</i> R.Br.	n/a		Excluded taxon. This taxon does not occur in WA. See Larridon <i>et al.</i> (2021).
<i>Avellinia michelii</i> (Savi) Parl.	<i>Avellinia festucoides</i> (Link) Valdes & H.Scholz	*	Taxonomic synonym. See CHAH (2021b).
<i>Baumea acuta</i> (Labill.) Palla	<i>Machaerina acuta</i> (Labill.) J.Kern		Nomenclatural synonym. See Wilson (2015).
<i>Baumea arthrophylla</i> (Nees) Boeckeler	<i>Machaerina arthrophylla</i> (Nees) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea articulata</i> (R.Br.) S.T.Blake	<i>Machaerina articulata</i> (R.Br.) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea juncea</i> (R.Br.) Palla	<i>Machaerina juncea</i> (R.Br.) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea laxa</i> (Nees) Boeckeler	<i>Machaerina laxa</i> (Nees) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea preissii</i> Nees	<i>Machaerina preissii</i> (Nees) L.A.S.Johnson & T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea riparia</i> (Nees) Boeckeler	<i>Machaerina arthrophylla</i> (Nees) T.Koyama		Taxonomic synonym. R.L. Barrett <i>in litt.</i> (27/07/2021).
<i>Baumea rubiginosa</i> (Spreng.) Boeckeler	<i>Machaerina rubiginosa</i> (Spreng.) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea vaginalis</i> (Benth.) S.T.Blake	<i>Machaerina vaginalis</i> (Benth.) T.Koyama		Nomenclatural synonym. See Wilson (2015).
<i>Baumea</i> sp. Blackwood (R. Davis 7681)	<i>Machaerina</i> sp. Blackwood (R. Davis 7681)		Name synonymised. See Wilson (2015).
<i>Boronia tenuis</i> (Lindl.) Benth.	<i>Cyanothamnus tenuis</i> Lindl.	P4	Nomenclatural synonym. See Duretto <i>et al.</i> (2020).
<i>Caladenia</i> sp. Bulbarnet (G. Brockman GBB 2880)	<i>Caladenia multiplex</i> A.P.Br. & R.D.Phillips		Taxon formally published. See Brown & Phillips (2021).
<i>Calamphoreus inflatus</i> (C.A.Gardner) Chinnock	<i>Eremophila inflata</i> C.A.Gardner	P4	Nomenclatural synonym. See Fowler <i>et al.</i> (2021).
<i>Cenchrus elymoides</i> var. <i>brevisetosus</i> B.K.Simon	<i>Cenchrus brevisetosus</i> (B.K.Simon) B.K.Simon		Nomenclatural synonym. See Simon (2010).
<i>Cenchrus elymoides</i> F.Muell. var. <i>elymoides</i>	<i>Cenchrus elymoides</i> F.Muell.		Nomenclatural synonym. No varieties recognised. See Simon (2010).
<i>Corynotheca micrantha</i> var. <i>acanthoclada</i> (F.Muell.) R.J.F.Hend.	<i>Corynotheca acanthoclada</i> (F.Muell.) Benth.	P1	Nomenclatural synonym. See Barrett <i>et al.</i> (2021c).

Old Name	New Name	Status	Comments
<i>Corynotheca micrantha</i> var. <i>divaricata</i> R.J.F.Hend.	<i>Corynotheca divaricata</i> (R.J.F.Hend.) R.L.Barrett & T.Macfarlane		Nomenclatural synonym. See Barrett <i>et al.</i> (2021c).
<i>Corynotheca micrantha</i> var. <i>elongata</i> R.J.F.Hend.	<i>Corynotheca elongata</i> (R.J.F.Hend.) R.L.Barrett & T.Macfarlane		Nomenclatural synonym. See Barrett <i>et al.</i> (2021c).
<i>Corynotheca micrantha</i> var. <i>gracilis</i> R.J.F.Hend.	<i>Corynotheca gracilis</i> (R.J.F.Hend.) R.L.Barrett & T.Macfarlane		Nomenclatural synonym. See Barrett <i>et al.</i> (2021c).
<i>Corynotheca micrantha</i> (Lindl.) Druce var. <i>micrantha</i>	<i>Corynotheca micrantha</i> (Lindl.) Druce		Nomenclatural synonym. No varieties recognised. See Barrett <i>et al.</i> (2021c).
<i>Corynotheca micrantha</i> var. <i>panda</i> R.J.F.Hend.	<i>Corynotheca panda</i> (R.J.F.Hend.) R.L.Barrett & T.Macfarlane		Nomenclatural synonym. See Barrett <i>et al.</i> (2021c).
<i>Crassula colorata</i> var. <i>miriamiae</i> (Ostenf.) Toelken	<i>Crassula colorata</i> var. <i>miriamiae</i> (Ostenf.) Toelken	P2	Orthographic variant. See CHAH (2007).
<i>Cyanicula gertrudiae</i> (Ostenf.) Hopper & A.P.Br.	<i>Cyanicula gertrudae</i> (Ostenf.) Hopper & A.P.Br.		Orthographic variant. See CHAH (2018a).
<i>Cyathostemma glabrum</i> (Span.) Uteridge	<i>Uvaria glabra</i> Span.		Nomenclatural synonym. See Turner (2018).
<i>Cyathostemma micranthum</i> (A.DC.) J.Sinclair	<i>Uvaria micrantha</i> (A.DC.) Hook.f. & Thomson		Nomenclatural synonym. See Turner (2018).
<i>Dendrobium affine</i> (Decne.) Steud.	<i>Dendrobium dicuphum</i> F.Muell.		Misapplied name. See CHAH (2018b).
<i>Desmodium brownii</i> Schindl.	<i>Grona brownii</i> (Schindl.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium campylocaulon</i> Benth.	<i>Desmodiopsis campylocaulon</i> (Benth.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi <i>et al.</i> (2018).
<i>Desmodium filiforme</i> Zoll. & Moritzi	<i>Grona filiformis</i> (Zoll. & Moritzi) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium flagellare</i> Benth.	<i>Grona flagellaris</i> (Benth.) H.Ohashi & K.Ohashi	P1	Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium gangeticum</i> (L.) DC.	<i>Pleurolobus gangeticus</i> (L.) J.St.-Hil.		Nomenclatural synonym. See Ohashi <i>et al.</i> (2018).
<i>Desmodium glareosum</i> Pedley	<i>Grona glareosa</i> (Pedley) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium hannii</i> Schindl.	<i>Grona hannii</i> (Schindl.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium heterocarpon</i> (L.) DC.	<i>Grona heterocarpa</i> (L.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium heterocarpon</i> var. <i>strigosum</i> Meeuwen	<i>Grona heterocarpa</i> var. <i>strigosa</i> (Meeuwen) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium muelleri</i> Benth.	<i>Grona muelleri</i> (Benth.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium pullenii</i> Pedley	<i>Grona pullenii</i> (Pedley) H.Ohashi & K.Ohashi	P1	Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium pycnotrichum</i> Pedley	<i>Grona pycnotricha</i> (Pedley) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).

Old Name	New Name	Status	Comments
<i>Desmodium trichostachyum</i> Benth.	<i>Grona trichostachya</i> (Benth.) H.Ohashi & K.Ohashi		Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Desmodium triflorum</i> (L.) DC.	<i>Grona triflora</i> (L.) H.Ohashi & K.Ohashi	*	Nomenclatural synonym. See Ohashi & Ohashi (2018).
<i>Dicrastylis</i> sp. Peron Peninsula (M.E. Trudgen 7373)	<i>Dicrastylis soliparma</i> Rye & Trudgen		Name synonymised. See Rye & Trudgen (1998).
<i>Dimorphocalyx australiensis</i> C.T.White	<i>Tritaxis australiensis</i> S.Moore		Taxonomic synonym. See Yu <i>et al.</i> (2019).
<i>Diocirea acutifolia</i> Chinnock	<i>Eremophila acutifolia</i> (Chinnock) R.Fowler	P3	Nomenclatural synonym. See Fowler <i>et al.</i> (2021).
<i>Diocirea microphylla</i> Chinnock	<i>Eremophila microphylla</i> (Chinnock) R.Fowler	P3	Nomenclatural synonym. See Fowler <i>et al.</i> (2021).
<i>Diocirea ternata</i> Chinnock	<i>Eremophila ternata</i> (Chinnock) R.Fowler		Nomenclatural synonym. See Fowler <i>et al.</i> (2021).
<i>Diocirea violacea</i> Chinnock	<i>Eremophila violacea</i> (Chinnock) R.Fowler		Nomenclatural synonym. See Fowler <i>et al.</i> (2021).
<i>Diuris decremenda</i> D.L.Jones & C.J.French	<i>Diuris decrementum</i> D.L.Jones & C.J.French		Orthographic variant. A.S. George <i>in litt.</i> (13/12/2021).
<i>Dodonaea ptarmicaefolia</i> Turcz.	<i>Dodonaea ptarmicifolia</i> Turcz.		Orthographic variant. See CHAH (2005a).
<i>Dopatrium junceum</i> (Roxb.) Benth.	n/a	P1	Name made current. Taxon reinstated. R.L. Barrett <i>in litt.</i> (21/02/2021).
<i>Eragrostis amabilis</i> (L.) Nees var. <i>amabilis</i>	<i>Eragrostis tenella</i> (L.) Roem. & Schult.	*	Taxonomic synonym. No varieties recognised. See Germplasm Resources Information Network (2021).
<i>Eremophila glabra</i> subsp. Wongan Hills (M. Hislop 2079)	<i>Eremophila rarissima</i> Buirchell & A.P.Br.	P1	Taxon formally published. See Buirchell & Brown (2021).
<i>Eriochilus dilatatus</i> subsp. <i>magnus</i> Hopper & A.P.Br.	<i>Eriochilus dilatatus</i> Lindl. subsp. <i>dilatatus</i>		Taxonomic synonym. See Brundrett & Hammer (2020).
<i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i> (Lindl.) Hopper & A.P.Br.	<i>Eriochilus dilatatus</i> Lindl. subsp. <i>dilatatus</i>		Taxonomic synonym. See Brundrett & Hammer (2020).
<i>Eriochilus dilatatus</i> subsp. <i>orientalis</i> Hopper & A.P.Br.	<i>Eriochilus dilatatus</i> subsp. <i>brevifolius</i> (Benth.) Hopper & A.P.Br.		Taxonomic synonym. See Brundrett & Hammer (2020).
<i>Eriochilus dilatatus</i> subsp. <i>undulatus</i> Hopper & A.P.Br.	<i>Eriochilus dilatatus</i> subsp. <i>brevifolius</i> (Benth.) Hopper & A.P.Br.		Taxonomic synonym. See Brundrett & Hammer (2020).
<i>Eucalyptus comitae-vallis</i> Maiden	<i>Eucalyptus cometae-vallis</i> Maiden		Orthographic variant. See CHAH (2021c).
<i>Festuca arundinacea</i> Schreb.	<i>Lolium arundinaceum</i> (Schreb.) Darbysh.	*	Nomenclatural synonym. See Banfi <i>et al.</i> (2017).
<i>Festuca pratensis</i> Huds.	<i>Lolium pratense</i> (Huds.) Darbysh.	*	Nomenclatural synonym. See Banfi <i>et al.</i> (2017).
<i>Ficus geniculata</i> Kurz	n/a		Excluded taxon. This taxon does not occur in WA. See CHAH (2016).
<i>Ficus virens</i> var. <i>sublanceolata</i> (Miq.) Corner	<i>Ficus virens</i> Aiton		Taxonomic synonym. See CHAH (2005b).

Old Name	New Name	Status	Comments
<i>Fimbristylis macrantha</i> Boeckeler	<i>Abildgaardia macrantha</i> (Boeckeler) Goetgh.		Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Fimbristylis oxystachya</i> F.Muell.	<i>Abildgaardia oxystachya</i> (F.Muell.) K.L.Wilson & J.J.Bruhl		Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Fimbristylis pachyptera</i> S.T.Blake	<i>Abildgaardia pachyptera</i> (S.T.Blake) K.L.Wilson & J.J.Bruhl	P1	Nomenclatural synonym. See Larridon <i>et al.</i> (2021).
<i>Gamochaeta coarctata</i> (Willd.) Kerguelen	<i>Gamochaeta americana</i> (Mill.) Wedd.	*	Taxonomic synonym. See Freire <i>et al.</i> (2021).
<i>Gastrobium asperum</i> G.Chandler & Crisp ms	<i>Gastrobium</i> sp. <i>Asperum</i> (F. Hort 2864)		Name synonymised. M. Hislop <i>in litt.</i> (13/05/2021).
<i>Gilruthia osbornii</i> Ewart & Jean White	<i>Gilruthia osbornei</i> Ewart & Jean White		Orthographic variant. See Sharr & George (2019).
<i>Gomphrena</i> sp. Cambridge Gulf (K.F. Kenneally 11899 K)	<i>Gomphrena longistyla</i> R.W.Davis, J.Palmer & T.Hammer	P2	Taxon formally published. See Davis <i>et al.</i> (2021).
<i>Gomphrena</i> sp. Martins Well (K.F. Kenneally 6116)	<i>Gomphrena axillaris</i> R.W.Davis & J.Palmer	P1	Name synonymised. See Davis <i>et al.</i> (2021).
<i>Grevillea</i> sp. Gunapin (F. Hort 308)	<i>Grevillea hortiorum</i> Olde		Taxon formally published. See Olde (2021a).
<i>Grevillea</i> sp. Shark Bay (N.H. Speck 24/09/1953)	<i>Grevillea speckiana</i> Olde	P1	Taxon formally published. See Olde (2021c).
<i>Grevillea</i> sp. Stirling Range (D.J. McGillivray 3488 & A.S. George)	<i>Grevillea pieroniae</i> Olde	P2	Taxon formally published. See Olde (2020).
<i>Indigofera</i> sp. Bungaroo Creek (S. van Leeuwen 4301)	<i>Indigofera rivularis</i> Peter G.Wilson	P3	Taxon formally published. See Wilson (2021).
<i>Isotropis</i> sp. Yalgoo (S. Patrick 2375)	<i>Isotropis petrensis</i> R.W.Davis & Wege	P1	Taxon formally published. See Davis & Wege (2021).
<i>Lachenalia aloides</i> (L.f.) Engl.	<i>Lachenalia flava</i> Andrews	*	Misapplied name. G.J. Keighery <i>in litt.</i> (21/06/2021).
<i>Lachnostachys albicans</i> Hook.	<i>Apatelantha albicans</i> (Hook.) T.C.Wilson & Henwood		Nomenclatural synonym. See Wilson <i>et al.</i> (2021).
<i>Lasiopetalum</i> sp. Coorow (E. Ried 101)	<i>Lasiopetalum biloculatum</i> K.A.Sheph. & C.F.Wilkins		Taxon formally published. See Shepherd & Wilkins (2021).
<i>Lasiopetalum</i> sp. Watheroo (K. Shepherd & C. Wilkins KS 220)	<i>Lasiopetalum erectifolium</i> K.A.Sheph. & C.F.Wilkins		Taxon formally published. See Shepherd & Wilkins (2021).
<i>Leucopogon</i> sp. Badgingarra (R. Davis 421)	<i>Styphelia undulata</i> Hislop	P2	Taxon formally published. See Hislop (2021).
<i>Lipocarpa microcephala</i> (R.Br.) Kunth	<i>Cyperus leptocarpus</i> (F.Muell.) Bauters		Taxonomic synonym. See Bauters <i>et al.</i> (2014).
<i>Marsdenia angustata</i> P.I.Forst.	<i>Gymnema erectum</i> (F.Muell.) P.I.Forst.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia australis</i> (R.Br.) Druce	<i>Leichhardtia australis</i> R.Br.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia geminata</i> (R.Br.) P.I.Forst.	<i>Gymnema geminatum</i> R.Br.		Nomenclatural synonym. See Forster (2021).



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<i>Marsdenia glandulifera</i> C.T.White	<i>Leichhardtia glandulifera</i> (C.T.White) P.I.Forst.	P1	Nomenclatural synonym. See Forster (2021).
<i>Marsdenia graniticola</i> P.I.Forst.	<i>Gymnema graniticola</i> (P.I.Forst.) P.I.Forst.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia hemiptera</i> Rchb.f.	<i>Leichhardtia racemosa</i> (Benth.) P.I.Forst.	P1	Taxonomic synonym. See Forster (2021).
<i>Marsdenia pleiadenia</i> (F.Muell.) P.I.Forst.	<i>Gymnema pleiadenium</i> F.Muell.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia trinervis</i> (R.Br.) P.I.Forst.	<i>Gymnema trinerve</i> R.Br.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia velutina</i> R.Br.	<i>Leichhardtia velutina</i> (R.Br.) P.I.Forst.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia viridiflora</i> R.Br.	<i>Leichhardtia viridiflora</i> (R.Br.) P.I.Forst.		Nomenclatural synonym. See Forster (2021).
<i>Marsdenia viridiflora</i> subsp. <i>tropica</i> P.I.Forst.	<i>Leichhardtia viridiflora</i> subsp. <i>tropica</i> (P.I.Forst.) P.I.Forst.		Nomenclatural synonym. See Forster (2021).
<i>Newcastelia insignis</i> E.Pritz.	<i>Apatelantha insignis</i> (E.Pritz.) T.C.Wilson & Henwood	P2	Nomenclatural synonym. See Wilson <i>et al.</i> (2021).
<i>Newcastelia</i> sp. Hamersley Range (S. van Leeuwen 4264)	<i>Newcastelia clavipetala</i> T.C.Wilson & Radunz		Taxon formally published. See Wilson <i>et al.</i> (2021).
<i>Nicotiana occidentalis</i> subsp. <i>hesperis</i> (N.T.Burb.) P.Horton	<i>Nicotiana hesperis</i> N.T.Burb.		Nomenclatural synonym. See Chase & Christenhusz (2021d).
<i>Nicotiana occidentalis</i> subsp. <i>obliqua</i> N.T.Burb.	<i>Nicotiana obliqua</i> (N.T.Burb.) M.W.Chase & Christenh.		Nomenclatural synonym. See Chase <i>et al.</i> (2021d).
<i>Nicotiana occidentalis</i> H.-M.Wheeler subsp. <i>occidentalis</i>	<i>Nicotiana occidentalis</i> H.-M.Wheeler		Nomenclatural synonym. No subspecies recognised. See Chase <i>et al.</i> (2021a).
<i>Nicotiana rosulata</i> subsp. <i>ingulba</i> (J.M.Black) P.Horton	<i>Nicotiana ingulba</i> J.M.Black		Nomenclatural synonym. See Chase <i>et al.</i> (2021b).
<i>Nicotiana rosulata</i> (S.Moore) Domin subsp. <i>rosulata</i>	<i>Nicotiana rosulata</i> (S.Moore) Domin		Nomenclatural synonym. See Chase & Christenhusz (2021a).
<i>Olox pendula</i> L.S.Sm.	n/a		Name made current. Taxon reinstated. R. Davis <i>in sched.</i> (01/12/2021).
<i>Ornithogalum longibracteatum</i> Jacq.	<i>Albuca bracteata</i> (Thunb.) J.C.Manning & Goldblatt	*	Taxonomic synonym. See Manning <i>et al.</i> (2009).
<i>Pandorea doratoxydon</i> (J.M.Black) J.M.Black	n/a		Name made current. Taxon reinstated. See Keighery & Keighery (2021).
<i>Physopsis chrysotricha</i> (F.Muell.) Rye	<i>Apatelantha chrysotricha</i> (F.Muell.) T.C.Wilson & Henwood	P2	Nomenclatural synonym. See Wilson <i>et al.</i> (2021).
<i>Physopsis lachnostachya</i> C.A.Gardner	<i>Apatelantha lachnostachya</i> (C.A.Gardner) T.C.Wilson & Henwood		Nomenclatural synonym. See Wilson <i>et al.</i> (2021).
<i>Physopsis viscida</i> (E.Pritz.) Rye	<i>Apatelantha viscida</i> (E.Pritz.) T.C.Wilson & Henwood		Nomenclatural synonym. See Wilson <i>et al.</i> (2021).
<i>Piptatherum miliaceum</i> (L.) Coss.	<i>Oloptum miliaceum</i> (L.) M.Röser & H.R.Hamasha	*	Nomenclatural synonym. See Peterson <i>et al.</i> (2019).

Old Name	New Name	Status	Comments
<i>Podolepis capillaris</i> (Steetz) Diels	<i>Siemssenia capillaris</i> Steetz		Nomenclatural synonym. See Jeanes (2021).
<i>Podolepis kendallii</i> (F.Muell.) F.Muell.	<i>Walshia kendallii</i> (F.Muell.) Jeanes		Nomenclatural synonym. See Jeanes (2021).
<i>Podolepis lessonii</i> (Cass.) Benth.	<i>Panaetia lessonii</i> Cass.		Nomenclatural synonym. See Jeanes (2021).
<i>Podolepis microcephala</i> Benth.	<i>Siemssenia microcephala</i> (Benth.) Jeanes		Nomenclatural synonym. See Jeanes (2021).
<i>Podolepis tepperi</i> (F.Muell.) D.A.Cooke	<i>Panaetia tepperi</i> (F.Muell.) Jeanes		Nomenclatural synonym. See Jeanes (2021).
<i>Potamogeton tricarinatus</i> F.Muell. & A.Benn.	n/a		Excluded taxon. This taxon does not occur in WA. See Papassotiriou <i>et al.</i> (2011).
<i>Pultenaea</i> sp. Mt Lesueur (L.A. Orthia 86)	<i>Pultenaea</i> sp. Mt Lesueur (J.S. Beard 7827)	P2	Name synonymised. Correction to voucher-specimen identifier. See Orthia <i>et al.</i> (2005).
<i>Rinzia polystemonea</i> (F.Muell.) Rye	<i>Rinzia polystemona</i> (F.Muell.) Rye		Orthographic variant. See CHAH (2021d).
<i>Scabiosa atropurpurea</i> L.	<i>Sixalix atropurpurea</i> (L.) Greuter & Burdet	*	Nomenclatural synonym. See Del Guacchio <i>et al.</i> (2018).
<i>Schizachyrium mitchelliana</i> B.K.Simon	<i>Cymbopogon procerus</i> (R.Br.) Domin		Taxonomic synonym. See Thompson & Forster (2021).
<i>Schoenus grandiflorus</i> (Lehm.) F.Muell.	<i>Ammothryon grandiflorum</i> (Lehm.) R.L.Barrett, K.L.Wilson & J.J.Bruhl		Nomenclatural synonym. See Barrett <i>et al.</i> (2021b).
<i>Scholtzia denticulata</i> Rye	<i>Scholtzia kalbarri</i> U.B.Deshmukh	P2	Nomenclatural synonym. See Deshmukh (2021).
<i>Silene longicaulis</i> Lag.	n/a	*	Excluded taxon. This taxon is not considered naturalised. No collections recorded for WA.
<i>Smilax leucophylla</i> Blume	n/a		This taxon does not occur in WA. See CHAH (2021e).
<i>Staurogynne leptocaulis</i> Bremek.	<i>Staurogynne spatulata</i> (Blume) Koord.		Taxonomic synonym. See Daniel & McDade (2014).
<i>Staurogynne leptocaulis</i> subsp. <i>decumbens</i> R.M.Barker	<i>Staurogynne spatulata</i> (Blume) Koord.		Taxonomic synonym. See Daniel & McDade (2014).
<i>Tephrosia</i> sp. Durack River (C.A. Gardner 9938)	<i>Tephrosia cowiei</i> R.Butcher	P1	Taxon formally published. See Butcher (2021a).
<i>Tephrosia</i> sp. Magazine Hill (P. Jones 365)	<i>Tephrosia lithosperma</i> R.Butcher & Cowie	P1	Name synonymised. See Butcher & Cowie (2021).
<i>Tephrosia</i> sp. Willowra (G.M. Chippendale 4809)	<i>Tephrosia insolens</i> R.Butcher & Cowie		Taxon formally published. See Butcher & Cowie (2021).
<i>Tephrosia</i> sp. Yampi (A.N. Start per R.L. Barrett RLB 2291)	<i>Tephrosia funicularis</i> R.Butcher	P3	Taxon formally published. See Butcher (2021a).
<i>Tetralia australiensis</i> C.B.Clarke	<i>Morelotia australiensis</i> (C.B.Clarke) R.L.Barrett & K.L.Wilson	T	Nomenclatural synonym. See Barrett <i>et al.</i> (2021b).
<i>Tetralia capillaris</i> (F.Muell.) J.M.Black	<i>Netrostylis capillaris</i> (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson		Nomenclatural synonym. See Barrett <i>et al.</i> (2021a).

Old Name	New Name	Status	Comments
<i>Tetraria microcarpa</i> S.T.Blake	<i>Morelotia microcarpa</i> (S.T.Blake) R.L.Barrett & K.L.Wilson		Nomenclatural synonym. See Barrett <i>et al.</i> (2021b).
<i>Tetraria octandra</i> (Nees) Kük.	<i>Morelotia octandra</i> (Nees) R.L.Barrett & J.J.Bruhl		Nomenclatural synonym. See Barrett <i>et al.</i> (2021b).
<i>Tetraria</i> sp. Blackwood River (A.R. Annels 3043)	<i>Netrostylis</i> sp. Blackwood River (A.R. Annels 3043)	P3	Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Tetraria</i> sp. Chandala (G.J. Keighery 17055)	<i>Netrostylis</i> sp. Chandala (G.J. Keighery 17055)	P2	Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Tetraria</i> sp. Jarrah Forest (R. Davis 7391)	<i>Netrostylis</i> sp. Jarrah Forest (R. Davis 7391)		Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Tetraria</i> sp. Mt Madden (C.D. Turley 40 BP/897)	<i>Netrostylis</i> sp. Mt Madden (C.D. Turley 40 BP/897)		Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Tetraria</i> sp. Nannup (P.A. Jurjevich 1133)	<i>Netrostylis</i> sp. Nannup (P.A. Jurjevich 1133)	P1	Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Tetraria</i> sp. Warren (M. McCallum Webster 23/2/1979)	<i>Netrostylis</i> sp. Warren (M. McCallum Webster 23/2/1979)	P1	Name synonymised. R.L. Barrett <i>in litt.</i> (19/04/2021).
<i>Thinopyrum ponticum</i> (Podp.) Barkworth & D.R.Dewey	<i>Thinopyrum obtusiflorum</i> (DC.) Banfi	*	Taxonomic synonym. See Banfi (2018).
<i>Tricostularia</i> sp. Hopetoun (M. Bennett 646)	<i>Tricostularia bennettiana</i> R.L.Barrett & K.L.Wilson		Taxon formally published. See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Lake King (A.M. Coates 2298)	<i>Tricostularia lepschii</i> R.L.Barrett & K.L.Wilson	P2	Taxon formally published. See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Ongerup (L. Strahan 409)	<i>Tricostularia newbeyi</i> R.L.Barrett & K.L.Wilson		Taxon formally published. See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. south coast (R.T. Wills 1423)	<i>Tricostularia sandfordiana</i> R.L.Barrett & K.L.Wilson		Taxon formally published. See Barrett <i>et al.</i> (2021b).
<i>Tricostularia</i> sp. Wellstead (R. Davis 302)	<i>Tricostularia davisii</i> R.L.Barrett & K.L.Wilson		Taxon formally published. See Barrett <i>et al.</i> (2021b).
<i>Utricularia arnhemica</i> P.Taylor	<i>Utricularia magna</i> R.W.Jobson & M.D.Barrett	P2	Misapplied name. See Jobson <i>et al.</i> (2018).

### Acknowledgements

Collections staff at PERTH (Shelley James, Elisa Wood-Ward, Skye Coffey, Amy Curtis and Suprema Sinha) and the Department of Biodiversity, Conservation and Attraction's 'Taxonomic Review Committee' are acknowledged for their contributions to the information presented herein. Thank you to Lisa Wright and Nicole Wreford from the Department's library for sourcing difficult to access articles.

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