

SHORT COMMUNICATION

Updates to Western Australia's vascular plant census for 2016

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 The names represented in the census are either sourced from published research or denote as yet unpublished names based on herbarium voucher specimens.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 2016.

Eighty-six taxa were newly recorded for the State, of which 29 are naturalised and 25 have been added to the *Threatened and Priority Flora list for Western Australia* (Western Australian Herbarium 1998–) (Table 1). A total of 150 name changes were made (Table 2). Plant groups for which a number of name changes were made include *Malleostemon* J.W.Green, with the formal publication of numerous phrase names (Rye 2016), and *Logania* R.Br., with the transfer of many Western Australian species to the new genus *Orianthera* C.S.P.Foster & B.J.Conn (Foster *et al.* 2014). All taxa previously included under the genus *Keraudrenia* J.Gay have been transferred to *Seringia* J.Gay (Wilkins & Whitlock 2016). A number of changes were made in Restionaceae following publications in *Telopea* (Briggs 2014a, 2014b) that resulted in the sinking of several genera endemic to Western Australia: *Meeboldina* Suess. and *Stenotalis* B.G.Briggs & L.A.S.Johnson are now included in an enlarged *Leptocarpus* R.Br., and *Harperia* W.Fitzg., *Kulinia* B.G.Briggs & L.A.S.Johnson and *Onychosepalum* Steud. are now synonymised under *Desmocladus* Nees.

A single manuscript name was changed to a phrase name under Council of Heads of Australasian Herbaria (CHAH) guidelines for informal names (Barker 2005), while 14 manuscript names and 19 phrase names were formally published (Table 2). 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 2016. *in litt.* = in correspondence; *in sched.* = on herbarium sheet/label; * = naturalised; T, P1–P4 = Department of Parks and Wildlife Conservation Codes for Western Australian flora (Jones 2015; Western Australian Herbarium 1998–).

New Name	Status	Comments
<i>Agave attenuata</i> Salm-Dyck	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/08/2016).
<i>Allopterigeron filifolius</i> (F.Muell.) Dunlop		New record for WA. M. Hislop <i>in sched.</i> (05/07/2016).
<i>Ambrosia tenuifolia</i> Spreng.	*	New naturalised record for WA. See Orchard (2015c).
<i>Anisomeles brevopilosa</i> A.R.Bean		See Bean (2015).
<i>Anisomeles farinacea</i> A.R.Bean		See Bean (2015).

New Name	Status	Comments
<i>Anisomeles inodora</i> R.Br.		New record for WA. See Bean (2015).
<i>Anisomeles principis</i> A.R.Bean		See Bean (2015).
<i>Anisomeles viscidula</i> A.R.Bean		See Bean (2015).
<i>Arctotheca calendula</i> (L.) Levyns × <i>Arctotheca populifolia</i> (P.J.Bergius) Norl.	*	See Ghafoor (2015a).
<i>Austrostipa</i> sp. Koorda (Anonymous s.n. PERTH 08730202)	P1	A.R. Williams <i>in litt.</i> (01/02/2016).
<i>Baeckea</i> sp. Dandaragan (G. Paczkowska s.n. PERTH 08245606)	P1	B.L. Rye <i>in litt.</i> (23/10/2015).
<i>Banksia integrifolia</i> L.f.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (30/06/2015).
<i>Banksia integrifolia</i> L.f. subsp. <i>integrifolia</i>	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (30/06/2015).
<i>Beaufortia kwongkanicola</i> A.A.Burb.		See Burbidge (2016).
<i>Beaufortia raggedensis</i> A.A.Burb.	P2	See Burbidge (2016).
<i>Bidens pilosa</i> var. <i>minor</i> (Blume) Sherff	*	New naturalised record for WA. See Orchard (2015a).
<i>Bidens pilosa</i> L. var. <i>pilosa</i>	*	New naturalised record for WA. See Orchard (2015a).
<i>Bidens subalternans</i> DC.	*	New naturalised record for WA. See Orchard (2015a).
<i>Bidens subalternans</i> var. <i>araneosa</i> Orchard	*	See Orchard (2015a). Considered naturalised, fide G.J. Keighery <i>in litt.</i> (01/04/2016).
<i>Bidens subalternans</i> var. <i>simulans</i> Sherff	*	New naturalised record for WA. See Orchard (2015a).
<i>Bidens subalternans</i> DC. var. <i>subalternans</i>	*	New naturalised record for WA. See Orchard (2015a).
<i>Blumea benthamiana</i> Domin		New record for WA. See Dunlop & Orchard (2015).
<i>Carum carvi</i> L.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (14/09/2015).
<i>Chrysocephalum apiculatum</i> subsp. <i>glandulosum</i> Paul G.Wilson		See Wilson (2016).
<i>Chrysocephalum apiculatum</i> subsp. <i>norsemanense</i> Paul G.Wilson	P3	See Wilson (2016).
<i>Chrysocephalum apiculatum</i> subsp. <i>racemosum</i> (J.M.Black) Paul G.Wilson		See Wilson (2016).
<i>Chrysocephalum semipapposum</i> subsp. <i>occidentale</i> (Benth.) Paul G.Wilson		See Wilson (2016).
<i>Corymbia deserticola</i> subsp. <i>mesogeotica</i> K.D.Hill & L.A.S.Johnson		New record for WA. R. Butcher <i>in litt.</i> (27/04/2016).
<i>Cryptandra</i> sp. Cowcowing (Wittwer W 1210)	P3	B.L. Rye <i>in litt.</i> (06/11/2015).

New Name	Status	Comments
<i>Cyanthillium cinereum</i> (L.) H.Rob. var. <i>cinereum</i>	*	New naturalised record for WA. See Ghafoor (2015b).
<i>Cyanthillium cinereum</i> var. <i>lanatum</i> (J.Kost.) Ghafoor	*	See Ghafoor (2015b).
<i>Cyanthillium cinereum</i> var. <i>linifolium</i> (Blume) Karthik. & Moorthy	*	New naturalised record for WA. See Ghafoor (2015b).
<i>Cyperus unioides</i> R.Br.	P1	New record for WA. M.D. Barrett <i>in litt.</i> (02/08/2016).
<i>Datura leichhardtii</i> Benth. subsp. <i>leichhardtii</i>	*	New naturalised record for WA. See CHAH (2016a).
<i>Diplocyclos palmatus</i> subsp. <i>affinis</i> (Endl.) P.S.Green		New record for WA. See CHAH (2016b).
<i>Diuris brevis</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris carecta</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris littoralis</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris oraria</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris pallescens</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris suffusa</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Diuris tinctoria</i> D.L.Jones & C.J.French		See Jones & French (2016).
<i>Drosera bulbosa</i> subsp. <i>coronata</i> R.P.Gibson	P2	See Gibson (2013).
<i>Dysoxylum acutangulum</i> subsp. <i>foveolatum</i> (Radlk.) Mabb.		New record for WA. See Mabberley (2013).
<i>Eucalyptus</i> sp. Southern smooth-bark (D. Nicolle & M. French DN 6916)		D. Nicolle <i>in litt.</i> (07/05/2015).
<i>Ficus rubiginosa</i> Vent.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/08/2016).
<i>Flagellaria indica</i> L. var. <i>indica</i>		New record for WA. R.L. Barrett <i>in sched.</i> (24/11/2015).
<i>Geissorhiza aspera</i> Goldblatt	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (11/10/2016).
<i>Glochidion apodogynum</i> Airy Shaw	P3	New record for WA. M.D. Barrett <i>in litt.</i> (17/06/2016).
<i>Haemodorum</i> sp. East Northcliffe (E.M. Sandiford et al. 2174)		S.D. Hopper <i>in litt.</i> (14/04/2016).
<i>Hakea</i> sp. Great Victoria Desert (L. Cockram LAC 139)	P1	M. Hislop <i>in litt.</i> (20/09/2016).
<i>Hibbertia</i> sp. Geraldton Sandplains (R. Edmiston E 421)		K.R. Thiele <i>in litt.</i> (06/04/2016).
<i>Hibbertia</i> sp. Tenterden (M. Sowry 154)	P2	K.R. Thiele <i>in litt.</i> (06/04/2016).
<i>Hibbertia</i> sp. Toolbrunup (J.R. Wheeler 2504)	P2	K.R. Thiele <i>in litt.</i> (19/09/2016).

New Name	Status	Comments
<i>Lepilaena</i> sp. Wheatbelt (M.T. Collins et al. 265)		T.D. Macfarlane <i>in litt.</i> (13/01/2016).
<i>Limnophila aromatica</i> (Lam.) Merr.	P3	New record for WA. M.D. Barrett <i>in litt.</i> (27/07/2016).
<i>Lipocarpa chinensis</i> (Osbeck) J.Kern	P3	New record for WA. M.D. Barrett <i>in litt.</i> (22/03/2016).
<i>Opuntia dejecta</i> Salm-Dyck	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/02/2016).
<i>Opuntia microdasys</i> (Lehm.) Pfeiff.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/02/2016).
<i>Opuntia puberula</i> Pfeiff.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/02/2016).
<i>Opuntia tomentosa</i> Salm-Dyck	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (25/02/2016).
<i>Ornithogalum umbellatum</i> L.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (08/07/2015).
<i>Prasophyllum</i> sp. Eastern Wheatbelt (C. & D. Woolcock s.n. PERTH 00760846)		A.P. Brown <i>in litt.</i> (16/07/2013).
<i>Prunus armeniaca</i> L.	*	New naturalised record for WA. See Keighery (2011).
<i>Prunus dulcis</i> (Mill.) D.A.Webb	*	New naturalised record for WA. See Keighery (2011).
<i>Prunus persica</i> (L.) Batsch	*	New naturalised record for WA. See Keighery (2011).
<i>Prunus persica</i> var. <i>nucipersica</i> (Suckow) C.K.Schneid.	*	New naturalised record for WA. See Keighery (2011).
<i>Prunus persica</i> (L.) Batsch var. <i>persica</i>	*	New naturalised record for WA. See Keighery (2011).
<i>Rhynchospora brownii</i> Roem. & Schult.	P3	New record for WA. M.D. Barrett <i>in litt.</i> (22/07/2016).
<i>Schoenus</i> sp. Marble Bar (D. Coultas & S. Coultas DCSC-Opp 07)	P1	M. Hislop <i>in litt.</i> (23/06/2016).
<i>Sigesbeckia australiensis</i> D.L.Schulz subsp. <i>australiensis</i>		New record for WA. See Orchard (2015d).
<i>Solanum ossicrumentum</i> Martine & J.Cantley		See Martine <i>et al.</i> (2016).
<i>Solanum pallidifolium</i> A.R.Bean		See Bean (2016).
<i>Spiranthes sinensis</i> (Pers.) Ames	P1	New record for WA. M.D. Barrett <i>in litt.</i> (02/08/2016).
<i>Stylidium</i> sp. Mt Bayly (J.A. Wege & C. Wilkins JAW 1986)		J.A. Wege <i>in litt.</i> (28/07/2016).
<i>Tephrosia</i> sp. North West Cape (G. Marsh 81)	P2	R. Butcher <i>in litt.</i> (30/10/2015).
<i>Tetralthea butcheriana</i> A.J.Perkins	P1	See Perkins <i>et al.</i> (2016).
<i>Thelymitra</i> sp. Ongerup (S. Osborne 142)	P2	A.P. Brown <i>in litt.</i> (22/10/2015).

New Name	Status	Comments
<i>Thryptomene</i> sp. Hyden (B.J. Lepschi & L.A. Craven 4477)	P1	B.L. Rye <i>in litt.</i> (10/08/2016).
<i>Thryptomene</i> sp. Warburton (M. Henson & M. Hannart 32433)	P1	B.L. Rye <i>in litt.</i> (14/01/2016).
<i>Thysanotus</i> sp. Coastal plain (N.H. Brittan 66/63)		T.D. Macfarlane <i>in litt.</i> (13/01/2016).
<i>Utricularia byrneana</i> R.W.Jobson & Baleeiro	P1	See Jobson & Baleeiro (2015).
<i>Utricularia circumvoluta</i> P.Taylor	P1	New record for WA. M.D. Barrett <i>in litt.</i> (02/08/2016).
<i>Utricularia wannanii</i> R.W.Jobson & Baleeiro	P2	See Jobson & Baleeiro (2015).
<i>Verbesina encelioides</i> (Cav.) A.Gray var. <i>encelioides</i>	*	New naturalised record for WA. See Orchard (2015b).
<i>Verticordia</i> sp. Dundas (C.A. Gardner 2848)	P1	B.L. Rye <i>in litt.</i> (27/10/2015).

Table 2. Changes to existing entries in Western Australia's vascular plant census during 2016. Excluded name = 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—the epithet is usually transferred to a different genus name or rank; 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; T, P1–P4 = Department of Parks and Wildlife Conservation Codes for Western Australian flora (Jones 2015; Western Australian Herbarium 1998–).

Old Name	New Name	Status	Comments
<i>Acacia</i> sp. Barklys (J.L. Egan 124)	<i>Acacia citriodora</i> Kodela & Maslin		Taxon formally published. See Kodela & Maslin (2016).
<i>Acacia</i> sp. Pilbara (S. van Leeuwen 690)	<i>Acacia kempeana</i> F.Muell.		Name synonymised. B.R. Maslin <i>in sched.</i> (Dec. 2006).
<i>Acacia spectra</i> Lewington & Maslin	<i>Acacia spectrum</i> Lewington & Maslin	P2	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Acacia verricula</i> R.S.Cowan & Maslin	<i>Acacia verriculum</i> R.S.Cowan & Maslin		Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Acetosa sagittata</i> (Thunb.) L.A.S.Johnson & B.G.Briggs	<i>Rumex sagittatus</i> Thunb.	*	Nomenclatural synonym. See Schuster <i>et al.</i> (2015).
<i>Acetosa vesicaria</i> (L.) A.Love	<i>Rumex vesicarius</i> L.	*	Nomenclatural synonym. See Schuster <i>et al.</i> (2015).
<i>Acetosella vulgaris</i> Fourr.	<i>Rumex acetosella</i> L.	*	Nomenclatural synonym. See Schuster <i>et al.</i> (2015).
<i>Allocasuarina</i> sp. Boxwood Hill (S. Barrett 2090)	<i>Allocasuarina anfractuosa</i> Wege & S.R.Barrett	P1	Taxon formally published. See Wege & Barrett (2016).
<i>Ambrosia artemisiifolia</i> L.	n/a	*	Name made current. Taxon reinstated. See Orchard (2015c).
<i>Anisomeles malabarica</i> (L.) R.Br.	n/a		Excluded taxon. See Bean (2015).

Old Name	New Name	Status	Comments
<i>Anisomeles salviifolia</i> R.Br.	n/a		Excluded taxon. See Bean (2015).
<i>Apodasmia ceramophila</i> B.G.Briggs & L.A.S.Johnson ms	<i>Apodasmia ceramophila</i> B.G.Briggs & L.A.S.Johnson		Taxon formally published. See Briggs & Johnson (2014).
<i>Astroloma baxteri</i> DC.	<i>Brachyloma baxteri</i> (DC.) Puente-Lel.		Nomenclatural synonym. See Puente-Lelièvre <i>et al.</i> (2016).
<i>Astus duomilius</i> Trudgen & Rye	<i>Astus duomilia</i> Trudgen & Rye	P1	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Atriplex</i> sp. Yeelirrie Station (L. Trotter & A. Douglas LCH 25025)	<i>Atriplex yeelirrie</i> K.A.Sheph. & K.R.Thiele	T	Taxon formally published. See Shepherd <i>et al.</i> (2015).
<i>Austrodolichos</i> sp. Erubescens (A.A. Mitchell 3371)	<i>Austrodolichos errabundus</i> (M.B.Scott) Verdc.		Name synonymised. R.L. Barrett <i>in sched.</i> (07/03/2016).
<i>Baeckea preissiana</i> (Schauer) Druce	<i>Tetrapora preissiana</i> Schauer		Nomenclatural synonym. See Rye & Trudgen (2012).
<i>Beaufortia interstans</i> F.Muell.	<i>Beaufortia puberula</i> Turcz.		Taxonomic synonym. See Burbidge (2016).
<i>Beaufortia micrantha</i> Schauer var. <i>micrantha</i>	<i>Beaufortia micrantha</i> Schauer		Nomenclatural synonym. No varieties recognised. See Burbidge (2016).
<i>Beaufortia micrantha</i> var. <i>puberula</i> Benth.	<i>Beaufortia puberula</i> Turcz.		Taxonomic synonym. See Burbidge (2016).
<i>Beaufortia</i> sp. column (J.S. Beard 8119)	<i>Beaufortia burbridgeae</i> A.A.Burb.	P3	Taxon formally published. See Burbidge (2016).
<i>Blechnum indicum</i> Burm.f.	<i>Telmatoblechnum indicum</i> (Burm.f.) Perrie, D.J.Ohlsen & Brownsey	P1	Nomenclatural synonym. See Perrie <i>et al.</i> (2014).
<i>Brachyachne ambigua</i> Ohwi	<i>Cynodon ambiguus</i> (Ohwi) P.M.Peterson	*	Nomenclatural synonym. See Peterson <i>et al.</i> (2015).
<i>Brachyachne convergens</i> (F.Muell.) Stapf	<i>Cynodon convergens</i> F.Muell.		Nomenclatural synonym. See Peterson <i>et al.</i> (2015).
<i>Brachyachne prostrata</i> C.A.Gardner & C.E.Hubb.	<i>Cynodon prostratus</i> (C.A.Gardner & C.E.Hubb.) P.M.Peterson		Nomenclatural synonym. See Peterson <i>et al.</i> (2015).
<i>Brachyachne tenella</i> (R.Br.) C.E.Hubb.	<i>Cynodon tenellus</i> R.Br.		Nomenclatural synonym. See Peterson <i>et al.</i> (2015).
<i>Brachyscome tatei</i> J.M.Black	n/a		Name made current. Taxon reinstated. M. Hislop <i>in sched.</i> (05/07/2016).
<i>Caladenia incensa</i> Hopper & A.P.Br.	<i>Caladenia incensum</i> Hopper & A.P.Br.		Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Chrysanthemum coronarium</i> L.	<i>Glebionis coronaria</i> (L.) Spach	*	Nomenclatural synonym. See Thompson (2015).
<i>Chrysanthemum segetum</i> L.	<i>Glebionis segetum</i> (L.) Fourr.	*	Nomenclatural synonym. See Thompson (2015).
<i>Chrysocephalum semipapposum</i> (Labill.) Steetz	n/a		Name made current. Taxon reinstated. See Wilson (2016).
<i>Chrysocephalum</i> sp. Kimberley (A.S. George 13193)	<i>Chrysocephalum apiculatum</i> subsp. <i>curvifolium</i> (Domin) Paul G.Wilson	P3	Name synonymised. See Wilson (2016).
<i>Chrysocephalum</i> sp. Pilbara (H. Demarz 2852)	<i>Chrysocephalum apiculatum</i> subsp. <i>pilbarensis</i> Paul G.Wilson		Taxon formally published. See Wilson (2016).

Old Name	New Name	Status	Comments
<i>Cicer arietinum</i> L.	n/a	*	Name made current. Taxon reinstated. G.J. Keighery <i>in litt.</i> (14/09/2015).
<i>Crinum angustifolium</i> R.Br.	<i>Crinum arenarium</i> Herb.		Taxonomic synonym. See Barrett & Barrett (2015).
<i>Dampiera</i> sp. Central Wheatbelt (L.W. Sage, F. Hort, C.A. Hollister LWS 2321)	<i>Dampiera glabrescens</i> Benth.	P1	Name synonymised. See Hislop & Shepherd (2016).
<i>Diuris</i> sp. Darling Scarp (G.B. Brockman 1118)	<i>Diuris ostrina</i> D.L.Jones & C.J.French		Name synonymised. See Jones & French (2016).
<i>Dysphania</i> sp. Fortescue Marsh (A. Markey & S. Dillon FM 9709)	<i>Dysphania congestiflora</i> S.J.Dillon & A.S.Markey	P3	Taxon formally published. See Dillon & Markey (2016).
<i>Emex australis</i> Steinh.	<i>Rumex hypogaeus</i> T.M.Schust. & Reveal	*	Nomenclatural synonym. See Schuster <i>et al.</i> (2015).
<i>Emex spinosa</i> (L.) Campd.	<i>Rumex spinosus</i> L.	*	Nomenclatural synonym. See Schuster <i>et al.</i> (2015).
<i>Eremophila</i> sp. Mt Augustus (B. Buirchell BB 205)	<i>Eremophila buirchellii</i> A.P.Br.	P2	Taxon formally published. See Brown & Davis (2016).
<i>Eremophila</i> sp. Parmango Road (J. Start D5-46)	<i>Eremophila calcicola</i> R.W.Davis	P2	Taxon formally published. See Brown & Davis (2016).
<i>Eucalyptus calycogona</i> subsp. <i>miracula</i> D.Nicolle & M.E.French	<i>Eucalyptus calycogona</i> subsp. <i>miraculum</i> D.Nicolle & M.E.French		Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Eucalyptus medialis</i> Brooker & Hopper	<i>Eucalyptus hebetifolia</i> Brooker & Hopper		Taxonomic synonym. D. Nicolle <i>in litt.</i> (13/11/2014).
<i>Eucalyptus sargentii</i> subsp. <i>onesia</i> D.Nicolle	<i>Eucalyptus sargentii</i> subsp. <i>onesia</i> D.Nicolle	P3	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Eucalyptus sublucida</i> L.A.S.Johnson & K.D.Hill	<i>Eucalyptus eremicola</i> subsp. <i>peeneri</i> (Blakely) D.Nicolle		Taxonomic synonym. See Nicolle <i>et al.</i> (2005).
<i>Eucalyptus surgens</i> Brooker & Hopper	<i>Eucalyptus scyphocalyx</i> (Benth.) Maiden & Blakely		Taxonomic synonym. See Nicolle <i>et al.</i> (2012).
<i>Eucalyptus trichopoda</i> L.A.S.Johnson & K.D.Hill ms	<i>Eucalyptus longissima</i> D.Nicolle		Name synonymised. D. Nicolle <i>in litt.</i> (02/08/2015).
<i>Goodenia</i> sp. Little Sandy Desert (A.S. Mitchell 989)	<i>Goodenia iyouta</i> Carolin		Name synonymised. See Hislop & Shepherd (2016).
<i>Harperia confertospicata</i> (Steud.) B.G.Briggs & L.A.S.Johnson	<i>Desmocladius confertospicatus</i> (Steud.) B.G.Briggs		Nomenclatural synonym. See Briggs (2014b).
<i>Harperia eyreana</i> B.G.Briggs & L.A.S.Johnson	<i>Desmocladius eyreanus</i> (B.G.Briggs & L.A.S.Johnson) B.G.Briggs	P2	Nomenclatural synonym. See Briggs (2014b).
<i>Harperia ferruginipes</i> Meney & Pate	<i>Desmocladius ferruginipes</i> (Meney & Pate) B.G.Briggs	P1	Nomenclatural synonym. See Briggs (2014b).
<i>Harperia lateriflora</i> W.Fitzg.	<i>Desmocladius lateriflorus</i> (W.Fitzg.) B.G.Briggs		Nomenclatural synonym. See Briggs (2014b).
<i>Hemigenia</i> sp. Gibson (R. Coveny 7893 & B.R. Maslin)	<i>Hemigenia tichbonii</i> K.R.Thiele & G.R.Guerin	P1	Taxon formally published. See Thiele & Guerin (2016).
<i>Hemigenia</i> sp. Yuna (A.C. Burns 95)	<i>Hemigenia yalgensis</i> G.R.Guerin		Taxon formally published. See Guerin (2015).

Old Name	New Name	Status	Comments
<i>Hibbertia abyssa</i> Wege & K.R.Thiele	<i>Hibbertia abyssus</i> Wege & K.R.Thiele	T	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Indigofera brevidens</i> Benth.	n/a		Excluded taxon. Peter G. Wilson <i>in litt.</i> (02/02/2016).
<i>Ipomoea</i> sp. A Kimberley Flora (L.J. Pen 84)	<i>Ipomoea tolmerana</i> subsp. <i>occidentalis</i> R.W.Johnson	P1	Taxon formally published. See Johnson (2012).
<i>Ipomoea</i> sp. Kununurra (T.E.Aplin 6307)	<i>Ipomoea limosa</i> R.W.Johnson		Taxon formally published. See Johnson (2012).
<i>Keraudrenia adenogyna</i> C.F.Wilkins ms	<i>Seringia adenogyna</i> C.F.Wilkins	P3	Taxon formally published. See Wilkins & Whitlock (2016).
<i>Keraudrenia cacaobrunnea</i> C.F.Wilkins ms	<i>Seringia cacaobrunnea</i> C.F.Wilkins		Taxon formally published. See Wilkins & Whitlock (2016).
<i>Keraudrenia cacaobrunnea</i> subsp. <i>undulata</i> C.F.Wilkins ms	<i>Seringia undulata</i> C.F.Wilkins	P1	Taxon formally published. See Wilkins & Whitlock (2016).
<i>Keraudrenia exastia</i> C.F.Wilkins	<i>Seringia exastia</i> (C.F.Wilkins) C.F.Wilkins & Whitlock	T	Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia hermannifolia</i> J.Gay	<i>Seringia hermannifolia</i> (J.Gay) F.Muell.		Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia integrifolia</i> Steud.	<i>Seringia integrifolia</i> (Steud.) F.Muell.		Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia katatona</i> C.F.Wilkins	<i>Seringia katatona</i> (C.F.Wilkins) C.F.Wilkins & Whitlock	P3	Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia nephrosperma</i> (F.Muell.) F.Muell.	<i>Seringia nephrosperma</i> F.Muell.		Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia saxatilis</i> C.F.Wilkins ms	<i>Seringia saxatilis</i> C.F.Wilkins	P2	Taxon formally published. See Wilkins & Whitlock (2016).
<i>Keraudrenia velutina</i> Steetz	<i>Seringia velutina</i> (Steetz) F.Muell.		Nomenclatural synonym. See Wilkins & Whitlock (2016).
<i>Keraudrenia velutina</i> subsp. <i>elliptica</i> C.F.Wilkins ms	<i>Seringia elliptica</i> C.F.Wilkins		Taxon formally published. See Wilkins & Whitlock (2016).
<i>Kulinia eludens</i> B.G.Briggs & L.A.S.Johnson	<i>Desmocladus eludens</i> (B.G.Briggs & L.A.S.Johnson) B.G.Briggs	P2	Nomenclatural synonym. See Briggs (2014b).
<i>Lasiopetalum trichantherum</i> K.A.Sheph. & C.F.Wilkins	<i>Lasiopetalum trichanthera</i> K.A.Sheph. & C.F.Wilkins	P2	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Latrobea pinnacula</i> Chappill & C.F.Wilkins	<i>Latrobea pinnaculum</i> Chappill & C.F.Wilkins	P2	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Lepidosperma brunonianum</i> Nees	n/a		Excluded taxon. See Barrett & Wilson (2012).
<i>Leptocarpus elegans</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus elegans</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Leptocarpus elegans</i> B.G.Briggs	<i>Leptocarpus trisepalus</i> (Nees) B.G.Briggs		Taxonomic synonym. See Briggs (2015).
<i>Leucochrysum fitzgibbonii</i> (F.Muell.) Paul G.Wilson	<i>Waitzia fitzgibbonii</i> (F.Muell.) X.A.Weber & Schmidt-Leb.		Nomenclatural synonym. See Weber & Schmidt-Lebuhn (2015).
<i>Leucopogon</i> sp. Boyagin (M. Hislop 2825)	<i>Leucopogon cordatus</i> Sond.		Name synonymised. See Hislop & Shepherd (2016).
<i>Lindernia plantaginea</i> (F.Muell.) F.Muell.	<i>Hemiarrhena plantaginea</i> (F.Muell.) Benth.		Nomenclatural synonym. See Fischer <i>et al.</i> (2013).

Old Name	New Name	Status	Comments
<i>Logania biloba</i> B.J.Conn	<i>Orianthera biloba</i> (B.J.Conn) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania callosa</i> F.Muell.	<i>Orianthera callosa</i> (F.Muell.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania campanulata</i> R.Br.	<i>Orianthera campanulata</i> (R.Br.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania centralis</i> B.J.Conn	<i>Orianthera centralis</i> (B.J.Conn) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania exilis</i> B.J.Conn	<i>Orianthera exilis</i> (B.J.Conn) C.S.P.Foster & B.J.Conn	P2	Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania flaviflora</i> F.Muell.	<i>Orianthera flaviflora</i> (F.Muell.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania judithiana</i> B.J.Conn	<i>Orianthera judithiana</i> (B.J.Conn) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania nuda</i> F.Muell.	<i>Orianthera nuda</i> (F.Muell.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania serpyllifolia</i> R.Br.	<i>Orianthera serpyllifolia</i> (R.Br.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania serpyllifolia</i> subsp. <i>angustifolia</i> (Benth.) B.J.Conn	<i>Orianthera serpyllifolia</i> subsp. <i>angustifolia</i> (Benth.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania serpyllifolia</i> R.Br. subsp. <i>serpyllifolia</i>	<i>Orianthera serpyllifolia</i> (R.Br.) C.S.P.Foster & B.J.Conn subsp. <i>serpyllifolia</i>		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania spermacoceae</i> F.Muell.	<i>Orianthera spermacoceae</i> (F.Muell.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania tortuosa</i> D.A.Herb.	<i>Orianthera tortuosa</i> (D.A.Herb.) C.S.P.Foster & B.J.Conn		Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Logania wendyae</i> Cranfield & Keighery	<i>Orianthera wendyae</i> (Cranfield & Keighery) C.S.P.Foster & B.J.Conn	P1	Nomenclatural synonym. See Foster <i>et al.</i> (2014).
<i>Luffa aegyptiaca</i> var. <i>leiocarpa</i> (Naud.) Heiser & E.E.Schill.	<i>Luffa aegyptiaca</i> Mill.		Taxonomic synonym. No varieties recognised. See CHAH (2016c).
<i>Luffa graveolens</i> Roxb.	<i>Luffa saccata</i> I.Telford		Misapplied name. See CHAH (2016d).
<i>Lycopersicon esculentum</i> Mill.	<i>Solanum lycopersicum</i> L.	*	Taxonomic synonym. See Tepe <i>et al.</i> (2016).
<i>Malleostemon</i> sp. Ajana (M.E. Trudgen 21715)	<i>Malleostemon uniflorus</i> Rye		Taxon formally published. See Rye (2016).
<i>Malleostemon</i> sp. Cooloomia (S.D. Hopper 1353)	<i>Malleostemon microphyllus</i> Rye & Trudgen	P2	Taxon formally published. See Rye (2016).
<i>Malleostemon</i> sp. Erangy Springs (M.E. Trudgen 12030)	<i>Malleostemon nephroideus</i> Rye	P3	Name synonymised. See Rye (2016).
<i>Malleostemon</i> sp. Hardabutt Rapids (D. Bellairs 1654A)	<i>Malleostemon pentagonus</i> Rye & Trudgen	P3	Taxon formally published. See Rye (2016).
<i>Malleostemon</i> sp. Junga Dam (D. Bellairs 942)	<i>Malleostemon pustulatus</i> Rye	P2	Taxon formally published. See Rye (2016).
<i>Malleostemon</i> sp. Kalbarri (L.A. Craven 7083)	<i>Malleostemon hursthousei</i> (W.Fitzg.) J.W.Green		Name synonymised. See Rye (2016).

Old Name	New Name	Status	Comments
<i>Malleostemon</i> sp. Mullewa (P. Winson B7365)	<i>Malleostemon nephroideus</i> Rye	P3	Name synonymised. See Rye (2016).
<i>Malleostemon</i> sp. Nerren Nerren (A. Payne 360)	<i>Malleostemon nerrenensis</i> Rye & Trudgen	P1	Taxon formally published. See Rye (2016).
<i>Malleostemon</i> sp. Yerina (S.J. Patrick 2728)	<i>Malleostemon costatus</i> Rye & Trudgen	P2	Taxon formally published. See Rye (2016).
<i>Meeboldina cana</i> (Nees) B.G.Briggs & L.A.S.Johnson	<i>Leptocarpus canus</i> Nees		Nomenclatural synonym. See Briggs (2014a).
<i>Meeboldina coangustata</i> (Nees) B.G.Briggs & L.A.S.Johnson	<i>Leptocarpus coangustatus</i> Nees		Nomenclatural synonym. See Briggs (2014a).
<i>Meeboldina crassipes</i> (Pate & Meney) B.G.Briggs & L.A.S.Johnson	<i>Leptocarpus crassipes</i> Pate & Meney	P3	Nomenclatural synonym. See Briggs (2014a).
<i>Meeboldina crebriculmis</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus crebriculmis</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina decipiens</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus decipiens</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina decipiens</i> subsp. <i>depilata</i> B.G.Briggs & L.A.S.Johnson ms	<i>Leptocarpus depilatus</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina denmarkica</i> Suess.	<i>Leptocarpus denmarkicus</i> (Suess.) B.G.Briggs		Nomenclatural synonym. See Briggs (2014a).
<i>Meeboldina kraussii</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus kraussii</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina roycei</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus roycei</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina scariosa</i> (R.Br.) B.G.Briggs & L.A.S.Johnson	<i>Leptocarpus scariosus</i> R.Br.		Nomenclatural synonym. See Briggs (2014a).
<i>Meeboldina tephрина</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus tephrinus</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Meeboldina thysanantha</i> L.A.S.Johnson & B.G.Briggs ms	<i>Leptocarpus thysananthus</i> B.G.Briggs		Taxon formally published. See Briggs (2014a).
<i>Memecylon pauciflorum</i> Blume var. <i>pauciflorum</i>	<i>Memecylon pauciflorum</i> Blume		Nomenclatural synonym. No varieties recognised. See Wijedasa & Hughes (2012).
<i>Micromyrtus uniovula</i> Rye	<i>Micromyrtus uniovulum</i> Rye	P2	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Microseris lanceolata</i> (Walp.) Sch.Bip.	<i>Microseris walteri</i> Gand.	P3	Misapplied name. See Walsh (2016).
<i>Microseris scapigera</i> (A.Cunn.) Sch.Bip.	n/a		Excluded taxon. See Sneddon (2015).
<i>Morinda canthoides</i> (F.Muell.) Halford & R.J.F.Hend.	<i>Gynochthodes canthoides</i> (F.Muell.) Razafim. & B.Bremer	P2	Nomenclatural synonym. See Razafimandimbison & Bremer (2011).
<i>Morinda jasminoides</i> A.Cunn.	<i>Gynochthodes jasminoides</i> (A.Cunn.) Razafim. & B.Bremer	P3	Nomenclatural synonym. See Razafimandimbison & Bremer (2011).
<i>Murchisonia fragrans</i> Brittan	<i>Thysanotus fragrans</i> (Brittan) Sirisena, Conran & T.Macfarlane	P2	Nomenclatural synonym. See Sirisena <i>et al.</i> (2016).
<i>Murchisonia volubilis</i> Brittan	<i>Thysanotus exfimbriatus</i> Sirisena, Conran & T.Macfarlane		Nomenclatural synonym. See Sirisena <i>et al.</i> (2016).

Old Name	New Name	Status	Comments
<i>Onychosepalum laxiflorum</i> Steud.	<i>Desmocladius laxiflorus</i> (Steud.) B.G.Briggs		Nomenclatural synonym. See Briggs (2014b).
<i>Onychosepalum microcarpum</i> Meney & Pate	<i>Desmocladius microcarpus</i> (Meney & Pate) B.G.Briggs	P2	Nomenclatural synonym. See Briggs (2014b).
<i>Onychosepalum nodatum</i> B.G.Briggs & L.A.S.Johnson	<i>Desmocladius nodatus</i> (B.G.Briggs & L.A.S.Johnson) B.G.Briggs	P3	Nomenclatural synonym. See Briggs (2014b).
<i>Orobanche australiana</i> F.Muell.	<i>Orobanche cernua</i> var. <i>australiana</i> (F.Muell.) Beck	P3	Nomenclatural synonym. See Barker (1999).
<i>Orobanche cernua</i> Loeffl.	n/a		Name made current. Taxon reinstated. W.R. Barker <i>in litt.</i> (03/06/2016).
<i>Pavonia hastata</i> Cav.	n/a	*	Name made current. Taxon reinstated. See Hussey <i>et al.</i> (2007).
<i>Petunia</i> × <i>hybrida</i> Vilm.	<i>Petunia</i> × <i>atkinsiana</i> (Sweet) W.H.Baxter	*	Taxonomic synonym. See GRIN (2011).
<i>Philotheca</i> sp. Bremer Range (E. Adams EA 659)	<i>Philotheca gardneri</i> (Paul G.Wilson) Paul G.Wilson		Name synonymised. See Hislop & Shepherd (2016).
<i>Phyllanthus reticulatus</i> Poir.	<i>Phyllanthus baccatus</i> Benth.		Misapplied name. See Barrett & Telford (2015).
<i>Phyllanthus reticulatus</i> var. <i>glaber</i> Müll.Arg.	<i>Phyllanthus baccatus</i> Benth.		Misapplied name. R.L. Barrett & I.R.H. Telford <i>in sched.</i> (23/11/2015).
<i>Polyalthia australis</i> (Benth.) Jessup	<i>Monoon australe</i> (Benth.) B.Xue & R.M.K.Saunders		Nomenclatural synonym. See Xue <i>et al.</i> (2012).
<i>Prasophyllum giganteum</i> subsp. <i>fuligineum</i> R.J.Bates ms	<i>Prasophyllum</i> sp. Eastern Wheatbelt (C. & D. Woolcock s.n. PERTH 00760846)		Name synonymised. To align with CHAH phrase name protocols. A.P. Brown <i>in litt.</i> (16/07/2013).
<i>Scaevola</i> sp. Lake Cairlocup (K. Newbey 9834)	<i>Velleia exigua</i> (F.Muell.) Carolin	P2	Name synonymised. See Hislop & Shepherd (2016).
<i>Senna</i> sp. Millstream (E. Leyland s.n. 30/8/1990)	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (F.Muell.) Randell		Name synonymised. See Hislop & Shepherd (2016).
<i>Stenotalis ramosissima</i> (Gilg) B.G.Briggs & L.A.S.Johnson	<i>Leptocarpus scoparius</i> B.G.Briggs		Nomenclatural synonym. See Briggs (2014a).
<i>Stylidium planirosulum</i> Wege	<i>Stylidium planirosula</i> Wege		Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Taraxacum officinale</i> F.H.Wigg.	<i>Taraxacum khatoonae</i> Abedin	*	Misapplied name. See Scarlett (2015).
<i>Tecticornia doleiformis</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson	<i>Tecticornia doliiformis</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson		Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Tecticornia mellaria</i> K.A.Sheph.	<i>Tecticornia mellarium</i> K.A.Sheph.	P1	Orthographic variant. A.S. George <i>in litt.</i> (02/03/2016).
<i>Tetragonia tetragonioides</i> Baker	<i>Tetragonia tetragonioides</i> (Pall.) Kuntze		Orthographic variant. See CHAH (2016e).
<i>Trachynia distachya</i> (L.) Link	<i>Brachypodium distachyon</i> (L.) P.Beauv.	*	Nomenclatural synonym. See Henwood & Weiller (2009).
<i>Trichodesma zeylanicum</i> var. <i>latisepalum</i> Benth.	<i>Trichodesma zeylanicum</i> var. <i>latisepaleum</i> F.Muell.		Orthographic variant. See CHAH (2016f).
<i>Vigna</i> sp. rockpiles (R. Butcher <i>et al.</i> RB 1400)	<i>Vigna triodiophila</i> A.E.Holland & R.Butcher	P3	Taxon formally published. See Holland & Butcher (2016).

Old Name	New Name	Status	Comments
<i>Xanthium occidentale</i> Bertol.	n/a	*	Name made current. Taxon reinstated. See Orchard (2015c).
<i>Xanthium strumarium</i> L.	n/a	*	Excluded taxon. See Orchard (2015c).

Acknowledgements

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