

## SHORT COMMUNICATION

## Updates to Western Australia's vascular plant census for 2017

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 The names represented in the census are either sourced from published research or denote as yet unpublished names based on herbarium voucher specimens.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 2017.

Sixty-five taxa were newly recorded for the State, of which eight are naturalised and 33 have been added to the *Threatened and Priority Flora list for Western Australia* (Smith 2017; Western Australian Herbarium 1998–) (Table 1). A total of 201 name changes were made (Table 2). Plant groups for which a number of name changes were made include *Brachyloma* Sond. (Hislop & Cranfield 2017), *Eremophila* R.Br. (Buirchell & Brown 2016), *Hibbertia* Andrews (Thiele 2017a, 2017b; Thiele & Nge 2017), *Stylidium* Sw. (Lowrie & Kenneally 2017; Wege 2017b) and *Triodia* R.Br. (Anderson *et al.* 2017). Numerous phrase names in *Leucopogon* R.Br. were formally published (Hislop 2016a) with some being transferred to the newly circumscribed genus *Styphelia* Sm. (Hislop & Puente-Lelièvre 2017). Several changes were made in *Daviesia* Sm. following the publication of a monograph for the group (Crisp *et al.* 2017). 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 two manuscript names and 58 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.

PERTH largely follows the family circumscriptions of the Angiosperm Phylogeny Group (APG). To align with their latest classification (APG IV: Angiosperm Phylogeny Group 2016) the following changes were made to family placements: *Anacampseros* L. (from Portulacaceae to Anacampserotaceae), *Calandrinia* Kunth. and *Montia* L. (from Portulacaceae to Montiaceae), *Macarthuria* Endl. (from Molluginaceae to Macarthuraceae), and *Melianthus* L. (from Melianthaceae to Francoaceae).

**Table 1.** New records added to Western Australia's vascular plant census during 2017. *in litt.* = in correspondence; *in sched.* = on herbarium sheet/label; \* = naturalised; T, P1–P4 = Conservation Codes for Western Australian Flora (Smith 2017; Western Australian Herbarium 1998–).

| New Name                                                                     | Status | Comments                                                    |
|------------------------------------------------------------------------------|--------|-------------------------------------------------------------|
| <i>Androcalva</i> sp. York (C.F. Wilkins & A. Sole CW 2527)                  | P1     | C.F. Wilkins <i>in litt.</i> (19/10/2017).                  |
| <i>Astartea arbuscula</i> (Benth.) Rye × <i>Astartea corniculata</i> Schauer |        | See Rye (2013).                                             |
| <i>Bergia occultipetala</i> G.J. Leach                                       | P3     | New record for WA. R. Butcher <i>in litt.</i> (28/03/2017). |
| <i>Brachyloma elusum</i> Hislop & Cranfield                                  | P2     | See Hislop & Cranfield (2017).                              |

| New Name                                                                                | Status | Comments                                                                  |
|-----------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------|
| <i>Caesia</i> sp. Hopetoun (T.D. Macfarlane & C.J. French TDM 5228)                     | P1     | T.D. Macfarlane <i>in litt.</i> (22/08/2017).                             |
| <i>Calandrinia</i> sp. Boolardy Station (P. Jayasekara 719-JHR-01)                      | P1     | F. Obbens <i>in litt.</i> (19/01/2017).                                   |
| <i>Calandrinia</i> sp. Menzies (F. Hort et al. FH 4100)                                 | P3     | F. Obbens <i>in litt.</i> (21/03/2017).                                   |
| <i>Calandrinia</i> sp. Shark Bay (A. Markey 1405)                                       |        | F. Obbens <i>in litt.</i> (19/01/2017).                                   |
| <i>Chamaescilla maculata</i> R.W.Davis & A.P.Br.                                        | P1     | See Davis & Brown (2017).                                                 |
| <i>Colophospermum mopane</i> (Benth.) J.Léonard                                         | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (06/06/2017). |
| <i>Cortaderia selloana</i> (Schult. & Schult.f.) Asch. & Graebn. subsp. <i>selloana</i> | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (18/01/2017). |
| <i>Cucumis</i> sp. Bastion Range (A.A. Mitchell et al. AAM 10710)                       | P1     | A.A. Mitchell <i>in litt.</i> (22/06/2016).                               |
| <i>Cucumis</i> sp. Chichester Range (A.A. Mitchell et al. AAM 10691)                    |        | A.A. Mitchell <i>in litt.</i> (22/06/2016).                               |
| <i>Daviesia scabrella</i> Crisp                                                         |        | See Crisp <i>et al.</i> (2017).                                           |
| <i>Diuris cruenta</i> D.L.Jones & C.J.French                                            |        | See Jones & French (2016).                                                |
| <i>Diuris porphyrochila</i> D.L.Jones & C.J.French                                      |        | See Jones & French (2016).                                                |
| <i>Elacholoma</i> sp. Showy flowers (C.P. Campbell 1762)                                |        | See Barker <i>et al.</i> (2012).                                          |
| <i>Eremophila victoriae</i> Buirchell & A.P.Br.                                         | P1     | See Buirchell & Brown (2016).                                             |
| <i>Eriocaulon truncatum</i> Mart.                                                       |        | New record for WA. See Leach (2017).                                      |
| <i>Eucalyptus cladocalyx</i> subsp. <i>petila</i> D.Nicolle                             | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (10/12/2014). |
| <i>Eucalyptus grandis</i> W.Hill                                                        | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (22/09/2017). |
| <i>Eucalyptus saligna</i> Sm.                                                           | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (16/01/2017). |
| <i>Galium palustre</i> L.                                                               | *      | New naturalised record for WA. G.J.Keighery <i>in litt.</i> (06/02/2017). |
| <i>Gnephosis newbeyi</i> P.S.Short                                                      |        | See Short (2016).                                                         |
| <i>Gompholobium</i> sp. Stirling Range (C.F. Wilkins et al. CW 2513)                    | P2     | C.F. Wilkins <i>in litt.</i> (04/05/2017).                                |
| <i>Goodenia asteriscus</i> P.J.Lang                                                     | P3     | See Lang & Davies (2017).                                                 |
| <i>Goodenia halophila</i> Albr.                                                         | P3     | New record for WA. R. Butcher <i>in litt.</i> (28/03/2017).               |
| <i>Hibbertia depilipes</i> K.R.Thiele                                                   |        | See Thiele (2017a).                                                       |
| <i>Hibbertia polyancistra</i> K.R.Thiele                                                | P1     | See Thiele (2017a).                                                       |

| New Name                                                                           | Status | Comments                                                                 |
|------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------|
| <i>Hibbertia</i> sp. Sherwood Breakaways (R.J. Cranfield 6771)                     | P1     | K.R. Thiele <i>in litt.</i> (05/09/2017).                                |
| <i>Hibbertia striata</i> (Steud.) K.R. Thiele                                      |        | See Thiele (2017b).                                                      |
| <i>Hibiscus diversifolius</i> Jacq. subsp. <i>diversifolius</i>                    | *      | New naturalised record for WA. M.O. Badry <i>in sched.</i> (20/04/2016). |
| <i>Hydrocotyle phoenix</i> A.J. Perkins                                            | P2     | See Perkins (2017a).                                                     |
| <i>Hydrocotyle serendipita</i> A.J. Perkins                                        | P2     | See Perkins & Dilly (2017).                                              |
| <i>Lasiopetalum occidentale</i> K.A. Sheph. & C.F. Wilkins                         |        | See Shepherd & Wilkins (2017).                                           |
| <i>Lasiopetalum</i> sp. Wellstead (K.A. Shepherd & C.F. Wilkins KS 1650)           | P1     | K.A. Shepherd & C. Wilkins <i>in litt.</i> (06/09/2017).                 |
| <i>Lepilaena patentifolia</i> E.L. Robertson                                       |        | New record for WA. T.D. Macfarlane <i>in litt.</i> (21/02/2017).         |
| <i>Lindernia barkeri</i> Wannon                                                    |        | See Wannon (2016).                                                       |
| <i>Nymphoides walshiae</i> R.W. Davis & K.R. Thiele                                | P1     | See Davis <i>et al.</i> (2016).                                          |
| <i>Peplidium</i> sp. Tanami (P.K. Latz 11904)                                      | P2     | New record for WA. R. Butcher <i>in litt.</i> (28/03/2017).              |
| <i>Philotheca</i> sp. Latham (F. Keast L4B 043)                                    | P1     | J.A. Wege & M. Hislop <i>in litt.</i> (08/03/2017).                      |
| <i>Pterostylis crebriflora</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French |        | See Jones & French (2017).                                               |
| <i>Pterostylis eremaea</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French     |        | See Jones & French (2017).                                               |
| <i>Pterostylis fuliginosa</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French  | P2     | See Jones & French (2017).                                               |
| <i>Pterostylis heberlei</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French    |        | See Jones & French (2017).                                               |
| <i>Pterostylis virens</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French      | P3     | See Jones & French (2017).                                               |
| <i>Pterostylis xerampelina</i> (D.L. Jones & C.J. French) D.L. Jones & C.J. French | P1     | See Jones & French (2017).                                               |
| <i>Ptilotus</i> sp. Doolgunna (D. Edinger 4419)                                    | P1     | R. Davis & T. Hammer <i>in litt.</i> (16/10/2017).                       |
| <i>Quercus suber</i> L.                                                            | *      | New naturalised record for WA. See Lohr & Keighery (2016).               |
| <i>Schoenoplectiella lateriflora</i> (J.F. Gmel.) Lye var. <i>lateriflora</i>      |        | See Hayasaka (2012).                                                     |
| <i>Schoenoplectiella mucronata</i> (L.) J. Jung & H.K. Choi var. <i>mucronata</i>  |        | See Hayasaka (2012).                                                     |
| <i>Senna artemisioides</i> subsp. <i>alicia</i> Randell                            | P3     | New record for WA. R. Butcher <i>in litt.</i> (28/03/2017).              |
| <i>Senna artemisioides</i> subsp. <i>quadrifolia</i> Randell                       |        | New record for WA. M. Hislop pers. comm. (Sept. 2016).                   |
| <i>Sida</i> sp. Limestone (D.E. Albrecht 5748)                                     |        | New record for WA. A.A. Mitchell <i>in litt.</i> (28/02/2017).           |

| New Name                                                           | Status | Comments                                                    |
|--------------------------------------------------------------------|--------|-------------------------------------------------------------|
| <i>Solanum</i> sp. Mosquito Creek (A.A. Mitchell et al. AAM 10795) | P1     | A.A. Mitchell <i>in litt.</i> (01/09/2017).                 |
| <i>Stylidium salmoneum</i> Lowrie & Kenneally                      |        | See Lowrie & Kenneally (2017).                              |
| <i>Synostemon umbrosus</i> I.Telford & J.J.Bruhl                   | P1     | See Telford <i>et al.</i> (2016).                           |
| <i>Tephrosia</i> sp. Durack River (C.A. Gardner 9938)              | P1     | R. Butcher <i>in litt.</i> (11/10/2017).                    |
| <i>Triodia chichesterensis</i> B.M.Anderson                        | P3     | See Anderson <i>et al.</i> (2017).                          |
| <i>Triodia infesta</i> B.M.Anderson & M.D.Barrett                  | P2     | See Anderson <i>et al.</i> (2017).                          |
| <i>Triodia latzii</i> Lazarides                                    | P3     | New record for WA. R. Butcher <i>in litt.</i> (28/03/2017). |
| <i>Triodia nana</i> B.M.Anderson                                   | P1     | See Anderson <i>et al.</i> (2017).                          |
| <i>Utricularia geoffrayi</i> Pellegr.                              |        | New record for WA. See Lowrie (2014).                       |
| <i>Xerochrysum boreale</i> Paul G.Wilson                           | P3     | See Wilson (2017).                                          |
| <i>Xerochrysum interiore</i> Paul G.Wilson                         |        | See Wilson (2017).                                          |

**Table 2.** Changes to existing entries in Western Australia's vascular plant census during 2017. 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—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 = Conservation Codes for Western Australian Flora (Smith 2017; Western Australian Herbarium 1998–).

| Old Name                                                       | New Name                                        | Status | Comments                                                           |
|----------------------------------------------------------------|-------------------------------------------------|--------|--------------------------------------------------------------------|
| <i>Asterolasia nivea</i> (Paul G.Wilson) Paul G.Wilson         | <i>Asterolasia grandiflora</i> (Hook.) Benth.   | P4     | Taxonomic synonym. See Wege (2017a).                               |
| <i>Asterolasia pallida</i> subsp. <i>hyalina</i> Paul G.Wilson | <i>Asterolasia hyalina</i> (Paul G.Wilson) Wege | P2     | Nomenclatural synonym. See Wege (2017a).                           |
| <i>Asterolasia pallida</i> Benth. subsp. <i>pallida</i>        | <i>Asterolasia pallida</i> Benth.               |        | Nomenclatural synonym. No subspecies recognised. See Wege (2017a). |
| <i>Asterolasia</i> sp. Kalgan River (S.Barrett 1522)           | <i>Asterolasia hyalina</i> (Paul G.Wilson) Wege | P2     | Name synonymised. See Wege (2017a).                                |
| <i>Baeckea crassifolia</i> Lindl.                              | n/a                                             |        | Excluded taxon. See Rye (2017a).                                   |
| <i>Baeckea crassifolia</i> var. <i>icosandra</i> Benth.        | <i>Rinzia icosandra</i> (Benth.) Rye            |        | Nomenclatural synonym. See Rye (2017a).                            |
| <i>Baeckea polystemonea</i> F.Muell.                           | <i>Rinzia polystemonea</i> (F.Muell.) Rye       |        | Nomenclatural synonym. See Rye (2017a).                            |

| Old Name                                                            | New Name                                                | Status | Comments                                                                                             |
|---------------------------------------------------------------------|---------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------|
| <i>Baeckea</i> sp. Bullfinch (K.R.Newbey 5838)                      | <i>Rinzia fimbriolata</i> Rye                           | P1     | Taxon formally published. See Rye (2017a).                                                           |
| <i>Baeckea</i> sp. East Yuna (R. Spjut & C. Edson 7077)             | <i>Baeckea</i> sp. Dudawa (M.E. Trudgen MET 5369)       |        | Name synonymised. B.L. Rye <i>in litt.</i> (11/01/2017).                                             |
| <i>Baeckea</i> sp. Hyden (J.M. Brown 141)                           | <i>Anticoryne melanosperma</i> Rye                      | P3     | Taxon formally published. See Rye (2017c).                                                           |
| <i>Baeckea</i> sp. Merredin (K.R. Newbey 2506)                      | <i>Rinzia torquata</i> Rye & Trudgen                    | P3     | Taxon formally published. See Rye (2017a).                                                           |
| <i>Baeckea</i> sp. Parker Range (M. Hislop & F. Hort MH 2968)       | <i>Rinzia triplex</i> Rye & Trudgen                     | P3     | Taxon formally published. See Rye (2017a).                                                           |
| <i>Brachyloma djerral</i> Cranfield ms                              | <i>Brachyloma djerral</i> Cranfield & Hislop            | P3     | Taxon formally published. See Hislop & Cranfield (2017).                                             |
| <i>Brachyloma ericoides</i> subsp. <i>occidentale</i> Cranfield ms  | <i>Brachyloma geissoloma</i> (F.Muell.) Cranfield       |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma geissoloma</i> subsp. <i>collinum</i> Cranfield ms    | <i>Brachyloma geissoloma</i> (F.Muell.) Cranfield       |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma geissoloma</i> subsp. <i>ovatum</i> Cranfield ms      | <i>Brachyloma geissoloma</i> (F.Muell.) Cranfield       |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma jillup</i> Cranfield ms                               | <i>Brachyloma preissii</i> Sond.                        |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma moolya</i> Cranfield ms                               | <i>Brachyloma geissoloma</i> (F.Muell.) Cranfield       |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma pirara</i> Cranfield ms                               | <i>Brachyloma pirara</i> Cranfield & Hislop             | P2     | Taxon formally published. See Hislop & Cranfield (2017).                                             |
| <i>Brachyloma preissii</i> subsp. <i>lanceolatum</i> Cranfield ms   | <i>Brachyloma preissii</i> Sond.                        |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma preissii</i> subsp. <i>obtusifolium</i> Cranfield ms  | <i>Brachyloma preissii</i> Sond.                        |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Brachyloma tamminense</i> Cranfield ms                           | <i>Brachyloma preissii</i> Sond.                        |        | Name synonymised. See Hislop & Cranfield (2017).                                                     |
| <i>Caesia talingka</i> C.Tauss ms                                   | <i>Caesia</i> sp. Great Victoria Desert (C. Tauss 2835) | P2     | Name synonymised. To align with CHAH phrase name protocols. R. Butcher <i>in litt.</i> (29/05/2017). |
| <i>Caladenia</i> × <i>ornata</i> Hopper & A.P.Br.                   | <i>Caladenia</i> × <i>hopperi</i> J.M.H.Shaw            | P1     | Nomenclatural synonym. See Shaw (2014).                                                              |
| <i>Calandrinia</i> sp. Black angular seeds (A.A. Mitchell PRP 1661) | <i>Calandrinia holtumii</i> Obbens & L.P.Hancock        |        | Taxon formally published. See Obbens <i>et al.</i> (2017).                                           |
| <i>Caldesia oligococca</i> (F.Muell.) Buchenau                      | <i>Albidella oligococca</i> (F.Muell.) Lehtonen         |        | Nomenclatural synonym. See Lehtonen (2017).                                                          |
| <i>Calocephalus aervoides</i> (F.Muell.) Benth.                     | <i>Balladonia aervoides</i> (F.Muell.) P.S.Short        | P3     | Nomenclatural synonym. See Short (2016).                                                             |
| <i>Calocephalus</i> sp. Wittenoom (A.S. George 1082)                | <i>Calocephalus pilbarensis</i> P.S.Short               |        | Taxon formally published. See Short (2016).                                                          |
| <i>Calytrix</i> sp. Eneabba (B.J. Lepschi & T.R. Lally BJL3617)     | <i>Calytrix cravenii</i> Nge & K.R.Thiele               |        | Name synonymised. See Nge <i>et al.</i> (2017).                                                      |
| <i>Calytrix</i> sp. Esperance (M.A. Burgman 4268A)                  | <i>Calytrix hirta</i> (Regel) Nge & K.R.Thiele          |        | Name synonymised. See Nge <i>et al.</i> (2017).                                                      |

| Old Name                                                                              | New Name                                                                       | Status | Comments                                                                                         |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------|
| <i>Calytrix</i> sp. Scarp (H. Bowler 270)                                             | <i>Calytrix acutifolia</i> (Lindl.) Craven                                     |        | Name synonymised. See Nge <i>et al.</i> (2017).                                                  |
| <i>Calytrix</i> sp. Tutunup (G.J. Keighery & N. Gibson 2953)                          | <i>Calytrix retrorsifolia</i> Nge & Keighery                                   | P2     | Taxon formally published. See Nge <i>et al.</i> (2017).                                          |
| <i>Calytrix</i> sp. Wheatbelt (R. Davis 4544)                                         | <i>Calytrix cravenii</i> Nge & K.R.Thiele                                      |        | Name synonymised. See Nge <i>et al.</i> (2017).                                                  |
| <i>Capparis spinosa</i> var. <i>nummularia</i> F.M.Bailey                             | <i>Capparis spinosa</i> subsp. <i>nummularia</i> (DC.) Fici                    |        | Nomenclatural synonym. See Fici (2015).                                                          |
| <i>Chenopodium benthamii</i> Iamonico & Mosyakin                                      | <i>Rhagodia latifolia</i> (Benth.) Paul G.Wilson                               |        | Nomenclatural synonym. K.A. Shepherd <i>in litt.</i> (31/08/2017).                               |
| <i>Chenopodium benthamii</i> Iamonico & Mosyakin subsp. <i>benthamii</i>              | <i>Rhagodia latifolia</i> (Benth.) Paul G.Wilson subsp. <i>latifolia</i>       |        | Nomenclatural synonym. K.A. Shepherd <i>in litt.</i> (31/08/2017).                               |
| <i>Chenopodium benthamii</i> subsp. <i>rectum</i> (Paul G.Wilson) Iamonico & Mosyakin | <i>Rhagodia latifolia</i> subsp. <i>recta</i> Paul G.Wilson                    |        | Nomenclatural synonym. K.A. Shepherd <i>in litt.</i> (31/08/2017).                               |
| <i>Chthonocephalus multiceps</i> J.H.Willis                                           | <i>Balladonia multiceps</i> (J.H.Willis) P.S.Short                             | P2     | Nomenclatural synonym. See Short (2016).                                                         |
| <i>Conostephium pungens</i> Keighery                                                  | <i>Stenanthra pungens</i> (Keighery) Hislop                                    | P2     | Nomenclatural synonym. See Hislop (2016b).                                                       |
| <i>Conostylis crassinervia</i> J.W.Green                                              | <i>Conostylis crassinervia</i> J.W.Green                                       |        | Orthographic variant. See Hopper <i>et al.</i> (1987).                                           |
| <i>Conostylis crassinervia</i> subsp. <i>absens</i> Hopper                            | <i>Conostylis crassinervia</i> subsp. <i>absens</i> Hopper                     |        | Orthographic variant. See Hopper <i>et al.</i> (1987).                                           |
| <i>Conostylis crassinervia</i> J.W.Green subsp. <i>crassinervia</i>                   | <i>Conostylis crassinervia</i> J.W.Green subsp. <i>crassinervia</i>            |        | Orthographic variant. See Hopper <i>et al.</i> (1987).                                           |
| <i>Cortaderia jubata</i> (Lemoine) Stapf                                              | <i>Cortaderia selleana</i> subsp. <i>jubata</i> (Lemoine) D.Testoni & Villamil | *      | Nomenclatural synonym. See Testoni & Villamil (2014).                                            |
| <i>Cynodon ambiguus</i> (Ohwi) P.M.Peterson                                           | n/a                                                                            |        | Excluded taxon. Only known from cultivated material in WA. See Nightingale <i>et al.</i> (2005). |
| <i>Cynoglossum suaveolens</i> R.Br.                                                   | <i>Hackelia suaveolens</i> (R.Br.) Dimon & M.A.M.Renner                        | *      | Nomenclatural synonym. See Dimon & Renner (2017).                                                |
| <i>Daviesia benthamii</i> subsp. <i>acanthoclona</i> (F.Muell.) Crisp                 | <i>Daviesia aphylla</i> Benth.                                                 |        | Taxonomic synonym. See Crisp <i>et al.</i> (2017).                                               |
| <i>Daviesia benthamii</i> Meisn. subsp. <i>benthamii</i>                              | <i>Daviesia benthamii</i> Meisn.                                               |        | Nomenclatural synonym. No subspecies recognised. See Crisp <i>et al.</i> (2017).                 |
| <i>Daviesia decurrens</i> subsp. <i>hamata</i> (M.D. Crisp 6610)                      | <i>Daviesia decurrens</i> subsp. <i>hamata</i> (Crisp) Crisp & G.Chandler      |        | Taxon formally published. See Crisp <i>et al.</i> (2017).                                        |
| <i>Daviesia divaricata</i> subsp. <i>lanulosa</i> (W.E. Blackall 2733)                | <i>Daviesia divaricata</i> subsp. <i>lanulosa</i> Crisp & G.Chandler           |        | Taxon formally published. See Crisp <i>et al.</i> (2017).                                        |
| <i>Daviesia elongata</i> Benth. subsp. <i>elongata</i>                                | <i>Daviesia elongata</i> Benth.                                                | T      | Nomenclatural synonym. No subspecies recognised. See Crisp <i>et al.</i> (2017).                 |
| <i>Daviesia elongata</i> subsp. <i>implexa</i> Crisp                                  | <i>Daviesia implexa</i> (Crisp) Crisp                                          | P3     | Nomenclatural synonym. See Crisp <i>et al.</i> (2017).                                           |

| Old Name                                                                          | New Name                                                              | Status | Comments                                                      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------|---------------------------------------------------------------|
| <i>Daviesia</i> sp. Kanandah (R. Davis 10604)                                     | <i>Daviesia aphylla</i> Benth.                                        |        | Name synonymised. M.D. Crisp <i>in sched.</i> (24/10/2016).   |
| <i>Daviesia</i> sp. Subulata (T.R. Lally & B.J. Lepschi 1091)                     | <i>Daviesia subulata</i> Crisp & G.Chandler                           |        | Taxon formally published. See Crisp <i>et al.</i> (2017).     |
| <i>Diuris</i> sp. Western Wheatbelt (G.J. Keighery & N. Gibson 6951)              | <i>Diuris brachyscapa</i> D.L.Jones & C.J.French                      |        | Name synonymised. See Jones & French (2016).                  |
| <i>Dodonea hispidula</i> var. <i>Phylloptera</i> (F. von Mueller s.n. MEL 101393) | <i>Dodonea hispidula</i> var. <i>phylloptera</i> (F.Muell.) M.G.Harr. |        | Name synonymised. See Harrington & Gadek (2010).              |
| <i>Dolichandrone heterophylla</i> (R.Br.) F.Muell.                                | <i>Dolichandrone occidentalis</i> Jackes                              |        | Misapplied name. See Jackes (2017).                           |
| <i>Elytrigia repens</i> B.D.Jacks.                                                | <i>Elytrigia repens</i> (L.) Nevski                                   | *      | Taxonomic synonym. See CHAH (2016).                           |
| <i>Eremophila forrestii</i> subsp. Pingandy (M.E. Trudgen 2662)                   | <i>Eremophila pusilliflora</i> Buirchell & A.P.Br.                    | P2     | Name synonymised. See Buirchell & Brown (2016).               |
| <i>Eremophila</i> sp. Ballythunna (R. Davis 11395)                                | <i>Eremophila ballythunnensis</i> Buirchell & A.P.Br.                 | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Jigalong (B. Buirchell BB 204)                              | <i>Eremophila capricornica</i> Buirchell & A.P.Br.                    | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Lorna Glen (R.J. Dadd 16)                                   | <i>Eremophila daddii</i> Buirchell & A.P.Br.                          | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. McDermid Rock (A.P. Brown 3615)                             | <i>Eremophila hamulata</i> Buirchell & A.P.Br.                        | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Mt Methwin (B. Backhouse et al. BEMJ 74)                    | <i>Eremophila laccata</i> Buirchell & A.P.Br.                         | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Nooloo break-away (R.J. Dadd 27)                            | <i>Eremophila resiliens</i> Buirchell & A.P.Br.                       | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Princess Ranges (M. Greeve 38)                              | <i>Eremophila regia</i> Buirchell & A.P.Br.                           | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Tallering (J.D. Start & M.J. Greeve D 516)                  | <i>Eremophila ferricola</i> Buirchell & A.P.Br.                       | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Wanna (M.J. Greeve & J.D. Start D7 44)                      | <i>Eremophila scrobiculata</i> Buirchell & A.P.Br.                    | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Yinnetharra (J.D. Start D7 45)                              | <i>Eremophila yinnetharrensis</i> Buirchell & A.P.Br.                 | P1     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eremophila</i> sp. Young Range (Desert Dreaming Expedition 93)                 | <i>Eremophila jamesiorum</i> Buirchell & A.P.Br.                      | P2     | Taxon formally published. See Buirchell & Brown (2016).       |
| <i>Eriachne</i> sp. Dampier Peninsula (K.F. Kenneally 5946)                       | <i>Eriachne pindanica</i> R.L.Barrett                                 |        | Taxon formally published. See Barrett (2016).                 |
| <i>Eriocaulon</i> sp. C Kimberley Flora (G.J. Keighery 4610)                      | <i>Eriocaulon pygmaeum</i> Sm.                                        |        | Name synonymised. See Leach (2017).                           |
| <i>Eriocaulon</i> sp. G Kimberley Flora (K.F. Kenneally 11374E)                   | <i>Eriocaulon cinereum</i> R.Br.                                      |        | Name synonymised. See Leach (2017).                           |
| <i>Eriocaulon</i> sp. Theda (M.D. Barrett MDB 2063)                               | <i>Eriocaulon tortuosum</i> F.Muell.                                  |        | Name synonymised. M.D. Barrett <i>in sched.</i> (10/04/2015). |
| <i>Eucalyptus clelandii</i> (Maiden) Maiden                                       | <i>Eucalyptus clelandiorum</i> (Maiden) Maiden                        |        | Orthographic variant. See CHAH (2006).                        |

| Old Name                                                                          | New Name                                                    | Status | Comments                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------|--------|------------------------------------------------------------------------------------------|
| <i>Eucalyptus kingsmillii</i> subsp. <i>alatissima</i> Brooker & Hopper           | <i>Eucalyptus alatissima</i> (Brooker & Hopper) D.Nicolle   |        | Nomenclatural synonym. See Nicolle (2013).                                               |
| <i>Eucalyptus kingsmillii</i> (Maiden) Maiden & Blakely subsp. <i>kingsmillii</i> | <i>Eucalyptus kingsmillii</i> (Maiden) Maiden & Blakely     |        | Nomenclatural synonym. No subspecies recognised. See Nicolle (2013).                     |
| <i>Euryomyrtus</i> sp. Parker Range (N. Gibson & M. Lyons 2269)                   | <i>Rinzia medifila</i> Rye & Trudgen                        | P1     | Taxon formally published. See Rye (2017a).                                               |
| <i>Galenia pubescens</i> (Eckl. & Zeyh.) Druce                                    | <i>Aizoon pubescens</i> Eckl. & Zeyh.                       | *      | Nomenclatural synonym. See Klak <i>et al.</i> (2017).                                    |
| <i>Galenia pubescens</i> (Eckl. & Zeyh.) Druce var. <i>pubescens</i>              | <i>Aizoon pubescens</i> Eckl. & Zeyh.                       | *      | Nomenclatural synonym. See Klak <i>et al.</i> (2017).                                    |
| <i>Gmelina schlechteri</i> H.J.Lam                                                | <i>Gmelina australis</i> de Kok                             | P1     | Misapplied name. See de Kok (2012).                                                      |
| <i>Gnephosis eriocephala</i> (A.Gray) Benth.                                      | <i>Gnephosis brevifolia</i> (A.Gray) Benth.                 |        | Taxonomic synonym. See Short (2016).                                                     |
| <i>Gnephosis intonsa</i> S.Moore                                                  | <i>Notisia intonsa</i> (S.Moore) P.S.Short                  | P3     | Nomenclatural synonym. See Short (2016).                                                 |
| <i>Gnephosis</i> sp. Billabong (B. Nordenstam & A. Anderberg 203)                 | <i>Gnephosis gynotricha</i> Diels                           |        | Name synonymised. See Short (2016).                                                      |
| <i>Gnephosis</i> sp. Norseman (K.R. Newbey 8096)                                  | <i>Gnephosis brevifolia</i> (A.Gray) Benth.                 |        | Name synonymised. See Short (2016).                                                      |
| <i>Gnephosis</i> sp. Pt Quobba (P.G. Wilson 12622)                                | <i>Gnephosis tenuissima</i> Cass.                           |        | Name synonymised. See Short (2016).                                                      |
| <i>Goodenia pumilio</i> R.Br.                                                     | n/a                                                         | P3     | Name made current. Taxon reinstated. M.D. Barrett <i>in litt.</i> (02/08/2016).          |
| <i>Grevillea thelemanniana</i> subsp. Cooljarloo (B.J. Keighery 28 B)             | <i>Grevillea</i> sp. Cooljarloo (B.J. Keighery 28 B)        | P1     | Name synonymised. P.M. Olde <i>in litt.</i> (17/08/2017).                                |
| <i>Grevillea thelemanniana</i> Endl. subsp. <i>thelemanniana</i>                  | <i>Grevillea thelemanniana</i> Endl.                        | T      | Nomenclatural synonym. No subspecies recognised. P.M. Olde <i>in litt.</i> (17/08/2017). |
| <i>Gyrostemon</i> sp. Ravensthorpe (G. Cockerton & N. Eveleigh 9467)              | <i>Gyrostemon sessilis</i> A.S.George                       |        | Name synonymised. M. Hislop <i>in litt.</i> (28/01/2016).                                |
| <i>Helichrysum luteoalbum</i> (L.) Rchb.                                          | <i>Pseudognaphalium luteoalbum</i> (L.) Hilliard & B.L.Burt |        | Nomenclatural synonym. See Nie <i>et al.</i> (2013).                                     |
| <i>Hemigenia glabrescens</i> Benth.                                               | <i>Hemigenia humilis</i> Benth.                             |        | Taxonomic synonym. See CHAH (2014).                                                      |
| <i>Hibbertia pachyrrhiza</i> Steud.                                               | <i>Hibbertia huegelii</i> (Endl.) F.Muell.                  |        | Taxonomic synonym. See Thiele (2017b).                                                   |
| <i>Hibbertia recurvifolia</i> (Steud.) Benth.                                     | <i>Hibbertia lineata</i> Steud.                             |        | Taxonomic synonym. See Thiele (2017a).                                                   |
| <i>Hibbertia</i> sp. Fitzgerald River (D.A. Rathbone DAR 622)                     | <i>Hibbertia verrucosa</i> (Turcz.) Benth.                  |        | Name synonymised. See Thiele (2017a).                                                    |
| <i>Hibbertia</i> sp. Kojonup (C.M. Lewis 288)                                     | <i>Hibbertia microphylla</i> Steud.                         |        | Name synonymised. See Thiele (2017a).                                                    |
| <i>Hibbertia</i> sp. Tenterden (M. Sowry 154)                                     | <i>Hibbertia sejuncta</i> K.R.Thiele & Nge                  | P2     | Taxon formally published. See Thiele & Nge (2017).                                       |
| <i>Hibiscus</i> sp. Canga (P.J.H. Hurter & J. Naaykens 11013)                     | <i>Hibiscus campanulatus</i> A.J.Perkins                    | P1     | Taxon formally published. See Perkins (2017b).                                           |

| Old Name                                                                    | New Name                                                                       | Status | Comments                                                                  |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------|
| <i>Hibiscus</i> sp. Theda (M.D. Barrett & R.L. Barrett MDB 2144)            | <i>Hibiscus kirstyae</i> Craven                                                | P1     | Taxon formally published. See Craven <i>et al.</i> (2016).                |
| <i>Hyptis suaveolens</i> (L.) Poit.                                         | <i>Mesosphaerum suaveolens</i> (L.) Kuntze                                     | *      | Nomenclatural synonym. See Harley & Pastore (2012).                       |
| <i>Ipomoea</i> sp. Napier Range (R.L. Barrett et al. RLB 2186 A)            | <i>Ipomoea johnsoniana</i> R.L.Barrett                                         | P1     | Taxon formally published. See Barrett (2016).                             |
| <i>Isolepis humillima</i> (Benth.) K.L.Wilson                               | <i>Schoenoplectiella humillima</i> (Benth.) Shiels, Glon & Monfils             | P2     | Nomenclatural synonym. See Glon <i>et al.</i> (2017).                     |
| <i>Isopogon heterophyllus</i> Meisn.                                        | <i>Isopogon formosus</i> R.Br. subsp. <i>formosus</i>                          |        | Taxonomic synonym. See Rye & Hislop (2017).                               |
| <i>Isopogon teretifolius</i> subsp. <i>petrophiloides</i> (R.Br.) Foreman   | <i>Isopogon teretifolius</i> R.Br.                                             |        | Taxonomic synonym. See Rye & Hislop (2017).                               |
| <i>Isopogon teretifolius</i> R.Br. subsp. <i>teretifolius</i>               | <i>Isopogon teretifolius</i> R.Br.                                             |        | Nomenclatural synonym. No subspecies recognised. See Rye & Hislop (2017). |
| <i>Lasiopetalum</i> sp. Mount Caroline (S.D. Hopper SDH 6381)               | <i>Lasiopetalum mouleean</i> K.A.Sheph. & C.F.Wilkins                          | T      | Taxon formally published. See Shepherd & Wilkins (2017).                  |
| <i>Lasiopetalum</i> sp. Mount Lesueur (E.A. Griffin 1997)                   | <i>Lasiopetalum rutilans</i> K.A.Sheph. & C.F.Wilkins                          | P2     | Taxon formally published. See Shepherd & Wilkins (2017).                  |
| <i>Lasiopetalum</i> sp. Toodyay (F. Hort 2689)                              | <i>Lasiopetalum caroliae</i> K.A.Sheph.                                        | P3     | Taxon formally published. See Shepherd & Wilkins (2017).                  |
| <i>Lechenaultia divaricata</i> F.Muell.                                     | n/a                                                                            |        | Excluded taxon. M. Hislop <i>in sched.</i> (25/05/2017).                  |
| <i>Lepidosperma viscidum</i> R.Br.                                          | n/a                                                                            |        | Excluded taxon. See Barrett & Wilson (2012).                              |
| <i>Leptochloa fusca</i> (L.) Kunth                                          | <i>Diplachne fusca</i> (L.) Roem. & Schult.                                    |        | Nomenclatural synonym. See Peterson <i>et al.</i> (2012).                 |
| <i>Leptochloa fusca</i> (L.) Kunth. subsp. <i>fusca</i>                     | <i>Diplachne fusca</i> (L.) Roem. & Schult. subsp. <i>fusca</i>                |        | Nomenclatural synonym. See Peterson <i>et al.</i> (2012).                 |
| <i>Leptochloa fusca</i> subsp. <i>muelleri</i> (Benth.) N.Snow              | <i>Diplachne fusca</i> subsp. <i>muelleri</i> (Benth.) P.M.Peterson & N.Snow   |        | Nomenclatural synonym. See Peterson <i>et al.</i> (2012).                 |
| <i>Leptochloa fusca</i> subsp. <i>uninervia</i> (J.Presl) N.Snow            | <i>Diplachne fusca</i> subsp. <i>uninervia</i> (J.Presl) P.M.Peterson & N.Snow | *      | Nomenclatural synonym. See Peterson <i>et al.</i> (2012).                 |
| <i>Leptochloa neesii</i> (Thwaites) Benth.                                  | <i>Dinebra neesii</i> (Thwaites) P.M.Peterson & N.Snow                         |        | Nomenclatural synonym. See Peterson <i>et al.</i> (2012).                 |
| <i>Leucopogon</i> sp. Arrowsmith (M. Hislop 2509)                           | <i>Leucopogon inflexus</i> Hislop                                              |        | Taxon formally published. See Hislop (2016a).                             |
| <i>Leucopogon</i> sp. Bifid Eneabba (M. Hislop 1927)                        | <i>Styphelia filamentosa</i> Hislop & Puente-Lel.                              | P3     | Taxon formally published. See Hislop & Puente-Lelièvre (2017).            |
| <i>Leucopogon</i> sp. Burma Road (M. Hislop 2032)                           | <i>Leucopogon grammatus</i> Hislop                                             | P3     | Taxon formally published. See Hislop (2016a).                             |
| <i>Leucopogon</i> sp. Cataby (F. Hort 1638)                                 | <i>Leucopogon foliosus</i> Hislop                                              | P3     | Taxon formally published. See Hislop (2016a).                             |
| <i>Leucopogon</i> sp. ciliate Eneabba (F. Obbens & C. Godden s.n. 3/7/2003) | <i>Styphelia longissima</i> Hislop & Puente-Lel.                               | T      | Taxon formally published. See Hislop & Puente-Lelièvre (2017).            |
| <i>Leucopogon</i> sp. Lesueur (B. Evans 530)                                | <i>Leucopogon stenophyllus</i> Hislop                                          |        | Taxon formally published. See Hislop (2016a).                             |

| Old Name                                                                     | New Name                                                                   | Status | Comments                                                                           |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------|
| <i>Leucopogon</i> sp. Moore River (M. Hislop 1695)                           | <i>Styphelia ciliosa</i> Hislop & Puente-Lel.                              |        | Taxon formally published. See Hislop & Puente-Lelièvre (2017).                     |
| <i>Leucopogon</i> sp. Murdoch (M. Hislop 1037)                               | <i>Styphelia filifolia</i> Hislop & Puente-Lel.                            | P3     | Taxon formally published. See Hislop & Puente-Lelièvre (2017).                     |
| <i>Leucopogon</i> sp. South Eneabba (E.A. Griffin 8027)                      | <i>Leucopogon prolatus</i> Hislop                                          |        | Taxon formally published. See Hislop (2016a).                                      |
| <i>Leucopogon</i> sp. Warradarge (M. Hislop 1908)                            | <i>Styphelia williamsiorum</i> Hislop & Puente-Lel.                        |        | Taxon formally published. See Hislop & Puente-Lelièvre (2017).                     |
| <i>Leucopogon</i> sp. Watheroo (R.D. Royce 9616)                             | <i>Leucopogon simulans</i> Hislop                                          |        | Taxon formally published. See Hislop (2016a).                                      |
| <i>Mimulus clementii</i> Domin                                               | <i>Uvedalia clementii</i> (Domin) W.R.Barker & Beardsley                   | P1     | Nomenclatural synonym. See Barker <i>et al.</i> (2012).                            |
| <i>Mimulus prostratus</i> Benth.                                             | <i>Elacholoma prostrata</i> (Benth.) W.R.Barker & Beardsley                |        | Nomenclatural synonym. See Barker <i>et al.</i> (2012).                            |
| <i>Mimulus repens</i> R.Br.                                                  | <i>Thyridia repens</i> (R.Br.) W.R.Barker & Beardsley                      |        | Nomenclatural synonym. See Barker <i>et al.</i> (2012).                            |
| <i>Mimulus uvedaliae</i> Benth.                                              | <i>Uvedalia linearis</i> R.Br.                                             |        | Taxonomic synonym. See Barker <i>et al.</i> (2012).                                |
| <i>Mimulus uvedaliae</i> var. <i>lutea</i> Benth.                            | <i>Uvedalia linearis</i> var. <i>lutea</i> (Benth.) W.R.Barker & Beardsley |        | Nomenclatural synonym. See Barker <i>et al.</i> (2012).                            |
| <i>Mimulus uvedaliae</i> Benth. var. <i>uvedaliae</i>                        | <i>Uvedalia linearis</i> R.Br. var. <i>linearis</i>                        |        | Taxonomic synonym. See Barker <i>et al.</i> (2012).                                |
| <i>Mollugo cerviana</i> (L.) Ser.                                            | <i>Hypertelis cerviana</i> (L.) Thulin                                     |        | Nomenclatural synonym. See Thulin <i>et al.</i> (2016).                            |
| <i>Mollugo molluginea</i> (F.Muell.) Druce                                   | <i>Trigastrotheca molluginea</i> F.Muell.                                  |        | Nomenclatural synonym. See Thulin <i>et al.</i> (2016).                            |
| <i>Myriophyllum callitrichoides</i> Orchard subsp. <i>callitrichoides</i>    | <i>Myriophyllum callitrichoides</i> Orchard                                |        | Nomenclatural synonym. No subspecies recognised. See Barrett <i>et al.</i> (2016). |
| <i>Myriophyllum callitrichoides</i> subsp. <i>striatum</i> Orchard           | <i>Myriophyllum striatocarpum</i> M.D.Barrett, M.L.Moody & R.L.Barrett     | P2     | Nomenclatural synonym. See Barrett <i>et al.</i> (2016).                           |
| <i>Myriophyllum</i> sp. Harding Range (M.D. Barrett & R.L. Barrett MDB 1825) | <i>Myriophyllum foveicola</i> M.D.Barrett, M.L.Moody & R.L.Barrett         | P3     | Taxon formally published. See Barrett <i>et al.</i> (2016).                        |
| <i>Phyllanthus rhytidospermus</i> Müll.Arg.                                  | <i>Synostemon rhytidospermus</i> (Müll.Arg.) I.Telford & Prue-sapan        |        | Nomenclatural synonym. See Telford <i>et al.</i> (2016).                           |
| <i>Pimelea longiflora</i> subsp. <i>eyrei</i> (F.Muell.) Rye                 | <i>Pimelea eyrei</i> F.Muell.                                              | P2     | Nomenclatural synonym. See Foster <i>et al.</i> (2016).                            |
| <i>Pimelea longiflora</i> R.Br. subsp. <i>longiflora</i>                     | <i>Pimelea longiflora</i> R.Br.                                            |        | Nomenclatural synonym. No subspecies recognised. See Foster <i>et al.</i> (2016).  |
| <i>Platysace teres</i> (Bunge) C.Norman                                      | n/a                                                                        |        | Name made current. Taxon reinstated. M. Hislop <i>in litt.</i> (09/10/2017).       |
| <i>Polycarpaea</i> sp. A Kimberley Flora (K.F. Kenneally 8887)               | <i>Polycarpaea umbrosa</i> R.L.Barrett                                     | P1     | Taxon formally published. See Barrett (2016).                                      |
| <i>Prasophyllum</i> sp. Swan Region (G.B. Brockman 1082)                     | <i>Prasophyllum cuneatum</i> D.L.Jones & G.Brockman                        |        | Name synonymised. See Jones & Brockman (2016).                                     |

| Old Name                                                                            | New Name                                                                         | Status | Comments                                                                     |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|
| <i>Pterostylis</i> sp. dainty brown<br>(N. Gibson & M. Lyons 3690)                  | <i>Pterostylis tryphera</i> (D.L.Jones & C.J.French) D.L.Jones & C.J.French      |        | Name synonymised. G. Brockman & C.J. French <i>in sched.</i> (15/11/2017).   |
| <i>Pterostylis</i> sp. late flowering<br>(W. Jackson BJ298)                         | <i>Pterostylis glebosa</i> D.L.Jones & C.J.French                                |        | Name synonymised. G.B. Brockman & C.J. French <i>in sched.</i> (22/11/2017). |
| <i>Pterostylis</i> sp. laterite (D.L. Jones 3081 & M.A. Clements)                   | <i>Pterostylis tryphera</i> (D.L.Jones & C.J.French) D.L.Jones & C.J.French      |        | Name synonymised. G. Brockman & C.J. French <i>in sched.</i> (15/11/2017).   |
| <i>Ptilotus brachyanthus</i> (Benth.) F.Muell.                                      | n/a                                                                              |        | Excluded taxon. See Bean (2008).                                             |
| <i>Ptilotus gomphrenoides</i> var. <i>conglomeratus</i> (Farmar) Benl               | <i>Ptilotus gomphrenoides</i> Benth.                                             |        | Taxonomic synonym. See Hammer & Davis (2017).                                |
| <i>Ptilotus gomphrenoides</i> Benth. var. <i>gomphrenoides</i>                      | <i>Ptilotus gomphrenoides</i> Benth.                                             |        | Nomenclatural synonym. No varieties recognised. See Hammer & Davis (2017).   |
| <i>Ptilotus gomphrenoides</i> var. <i>roseo-albus</i> (Farmar) Benl                 | <i>Ptilotus gomphrenoides</i> Benth.                                             |        | Taxonomic synonym. See Hammer & Davis (2017).                                |
| <i>Ptilotus pseudohelptroides</i> Benl                                              | n/a                                                                              |        | Excluded taxon. R. Davis & T. Hammer <i>in litt.</i> (16/10/2017).           |
| <i>Ptilotus</i> sp. Kennedy Range<br>(A.P. Brown 4276)                              | <i>Ptilotus polakii</i> F.Muell. subsp. <i>polakii</i>                           |        | Name synonymised. See Hammer & Davis (2017).                                 |
| <i>Ptilotus</i> sp. Northampton<br>(R. Davis 10952)                                 | <i>Ptilotus benlii</i> R.W.Davis & T.Hammer                                      |        | Taxon formally published. See Davis & Hammer (2017).                         |
| <i>Rinzia morrisonii</i> Trudgen                                                    | <i>Rinzia longifolia</i> Turcz.                                                  | P3     | Taxonomic synonym. See Rye (2017a).                                          |
| <i>Rinzia</i> sp. Darling Range (F. Hort 2040)                                      | <i>Rinzia crassifolia</i> Turcz.                                                 |        | Name synonymised. See Rye (2017a).                                           |
| <i>Sarcocornia blackiana</i> (Ulbr.) A.J.Scott                                      | <i>Salicornia blackiana</i> Ulbr.                                                |        | Nomenclatural synonym. See Piirainen <i>et al.</i> (2017).                   |
| <i>Sarcocornia globosa</i> Paul G.Wilson                                            | <i>Salicornia globosa</i> (Paul G.Wilson) Piirainen & G.Kadereit                 | P3     | Nomenclatural synonym. See Piirainen <i>et al.</i> (2017).                   |
| <i>Sarcocornia quinqueflora</i> (Ung.-Sternb.) A.J.Scott                            | <i>Salicornia quinqueflora</i> Ung.-Sternb.                                      |        | Nomenclatural synonym. See Piirainen <i>et al.</i> (2017).                   |
| <i>Sarcocornia quinqueflora</i> (Ung.-Sternb.) A.J.Scott subsp. <i>quinqueflora</i> | <i>Salicornia quinqueflora</i> Ung.-Sternb. subsp. <i>quinqueflora</i>           |        | Nomenclatural synonym. See Piirainen <i>et al.</i> (2017).                   |
| <i>Sarcostemma brevipedicellatum</i> P.I.Forst.                                     | <i>Cynanchum brevipedicellatum</i> (P.I.Forst.) Liede & Meve                     |        | Nomenclatural synonym. See Meve & Liede-Schumann (2012).                     |
| <i>Sarcostemma esculentum</i> (L.f.) R.W.Holm                                       | <i>Oxystelma esculentum</i> (L.f.) Schult.                                       |        | Nomenclatural synonym. See Liede & Täuber (2000).                            |
| <i>Sarcostemma viminalis</i> (L.) R.Br.                                             | <i>Cynanchum viminalis</i> (L.) Bassi                                            |        | Nomenclatural synonym. See Meve & Liede-Schumann (2012).                     |
| <i>Sarcostemma viminalis</i> subsp. <i>australe</i> (R.Br.) P.I.Forst.              | <i>Cynanchum viminalis</i> subsp. <i>australe</i> (R.Br.) Meve & Liede           |        | Nomenclatural synonym. See Meve & Liede-Schumann (2012).                     |
| <i>Sarcostemma viminalis</i> subsp. <i>brunonianum</i> (Wight & Arn.) P.I.Forst.    | <i>Cynanchum viminalis</i> subsp. <i>brunonianum</i> (Wight & Arn.) Meve & Liede |        | Nomenclatural synonym. See Meve & Liede-Schumann (2012).                     |
| <i>Sauropus hubbardii</i> Airy Shaw                                                 | <i>Synostemon hubbardii</i> (Airy Shaw) I.Telford & Pruesapan                    | P3     | Nomenclatural synonym. See Telford <i>et al.</i> (2016).                     |

| Old Name                                                           | New Name                                                                        | Status | Comments                                                              |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|
| <i>Sauropus lissocarpus</i> (S.Moore)<br>Airy Shaw                 | <i>Synostemon lissocarpus</i><br>(S.Moore) I.Telford & Pruesapan                |        | Nomenclatural synonym. See Telford <i>et al.</i> (2016).              |
| <i>Sauropus salignus</i> J.T.Hunter &<br>J.J.Bruhl                 | <i>Synostemon salignus</i> (J.T.Hunter<br>& J.J.Bruhl) I.Telford &<br>Pruesapan | P1     | Nomenclatural synonym. See Telford <i>et al.</i> (2016).              |
| <i>Sauropus</i> sp. A Kimberley Flora<br>(T.E.H. Aplin et al. 929) | <i>Synostemon judithae</i> I.Telford &<br>J.J.Bruhl                             | P2     | Taxon formally published. See<br>Telford <i>et al.</i> (2016).        |
| <i>Sauropus</i> sp. B Kimberley Flora<br>(B.J. Carter 625)         | <i>Synostemon salignus</i> (J.T.Hunter<br>& J.J.Bruhl) I.Telford &<br>Pruesapan | P1     | Name synonymised. See Telford <i>et al.</i><br>(2016).                |
| <i>Schoenoplectus dissachanthus</i><br>(S.T.Blake) J.Raynal        | <i>Schoenoplectiella dissachantha</i><br>(S.T.Blake) Lye                        |        | Nomenclatural synonym. See Lye<br>(2003).                             |
| <i>Schoenoplectus laevis</i> (S.T.Blake)<br>J.Raynal               | <i>Schoenoplectiella laevis</i><br>(S.T.Blake) Lye                              |        | Nomenclatural synonym. See Lye<br>(2003).                             |
| <i>Schoenoplectus lateriflorus</i><br>(J.F.Gmel.) Lye              | <i>Schoenoplectiella lateriflora</i><br>(J.F.Gmel.) Lye                         |        | Nomenclatural synonym. See Lye<br>(2003).                             |
| <i>Schoenoplectus mucronatus</i> (L.)<br>A.Kern.                   | <i>Schoenoplectiella mucronata</i> (L.)<br>J.Jung & H.K.Choi                    |        | Nomenclatural synonym. See Jung &<br>Choi (2010).                     |
| <i>Schoenoplectus praelongatus</i><br>(Poir.) J.Raynal             | <i>Schoenoplectiella praelongata</i><br>(Poir.) Lye                             |        | Nomenclatural synonym. See Lye<br>(2003).                             |
| <i>Schoenoplectus validus</i> (Vahl)<br>Å.Löve & D.Löve            | <i>Schoenoplectus tabernaemontani</i><br>(C.C.Gmel.) Palla                      |        | Taxonomic synonym. See Smith<br>(1995).                               |
| <i>Scholtzia leptantha</i> Benth.                                  | <i>Scholtzia obovata</i> (DC.) Schauer                                          |        | Taxonomic synonym. See Rye<br>(2017b).                                |
| <i>Scholtzia</i> sp. Kalbarri (N. Hoyle<br>623)                    | <i>Scholtzia oligandra</i> Benth.                                               |        | Name synonymised. See Rye (2017b).                                    |
| <i>Sida</i> sp. sand dunes (A.A.<br>Mitchell PRP1208)              | <i>Sida</i> sp. Western sand dunes<br>(P.K. Latz 11980)                         |        | Name synonymised. R.M. Barker <i>in</i><br><i>litt.</i> (02/05/2016). |
| <i>Spartothamnella canescens</i><br>K.R.Thiele & K.A.Sheph.        | <i>Teucrium disjunctum</i> K.R.Thiele<br>& K.A.Sheph.                           |        | Nomenclatural synonym. See<br>Shepherd & Thiele (2017).               |
| <i>Stylidium adnatum</i> var.<br><i>abbreviatum</i> Benth.         | <i>Stylidium adnatum</i> R.Br.                                                  |        | Taxonomic synonym. See Wege<br>(2017b).                               |
| <i>Stylidium adnatum</i> R.Br. var.<br><i>adnatum</i>              | <i>Stylidium adnatum</i> R.Br.                                                  |        | Nomenclatural synonym. No varieties<br>recognised. See Wege (2017b).  |
| <i>Stylidium</i> sp. Banovich Road<br>(F. & J. Hort 1884)          | <i>Stylidium strigosum</i> Lowrie &<br>Kenneally                                | P1     | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Bindoon<br>(K.F. Kenneally 11405)             | <i>Stylidium bindoon</i> Lowrie &<br>Kenneally                                  |        | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Bluff Knoll<br>(S. Barrett s.n. 8/11/1994)    | <i>Stylidium monticola</i> Lowrie &<br>Kenneally                                | P2     | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Dewars Pool<br>(K.F. Kenneally 11400)         | <i>Stylidium vinosum</i> Lowrie &<br>Kenneally                                  | P1     | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Glabrous<br>inflorescence (R. Davis 7917)     | <i>Stylidium nitidum</i> Lowrie &<br>Kenneally                                  | P1     | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Kalbarri (A. Carr<br>145)                     | <i>Stylidium ponticulus</i> Lowrie &<br>Kenneally                               |        | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |
| <i>Stylidium</i> sp. Narembeen<br>(W.E. Blackall s.n. /09/1929)    | <i>Stylidium amphora</i> Lowrie &<br>Kenneally                                  |        | Taxon formally published. See<br>Lowrie & Kenneally (2017).           |

| Old Name                                                             | New Name                                                                | Status | Comments                                                     |
|----------------------------------------------------------------------|-------------------------------------------------------------------------|--------|--------------------------------------------------------------|
| <i>Tephrosia</i> sp. O.T. Station (S.T. Blake 17659)                 | <i>Tephrosia</i> sp. Magazine Hill (P. Jones 365)                       |        | Name synonymised. R. Butcher <i>in litt.</i> (14/04/2017).   |
| <i>Tetratheca</i> sp. Boonanarring (F. Hort 1509)                    | <i>Tetratheca hirsuta</i> subsp. <i>boonanarring</i> Joyce & R. Butcher | P2     | Taxon formally published. See Joyce <i>et al.</i> (2017).    |
| <i>Tetratheca</i> sp. Granite (S. Patrick SP1224)                    | <i>Tetratheca hirsuta</i> Lindl. subsp. <i>hirsuta</i>                  |        | Name synonymised. See Joyce <i>et al.</i> (2017).            |
| <i>Tetratheca viminea</i> Lindl.                                     | <i>Tetratheca hirsuta</i> subsp. <i>viminea</i> (Lindl.) Joyce          |        | Nomenclatural synonym. See Joyce <i>et al.</i> (2017).       |
| <i>Thecanthes concreta</i> (F. Muell.) Rye                           | <i>Pimelea concreta</i> F. Muell.                                       |        | Nomenclatural synonym. See Foster <i>et al.</i> (2016).      |
| <i>Thecanthes punicea</i> (R. Br.) Wikstr.                           | <i>Pimelea punicea</i> R. Br.                                           |        | Nomenclatural synonym. See Foster <i>et al.</i> (2016).      |
| <i>Thecanthes sanguinea</i> (F. Muell.) Rye                          | <i>Pimelea sanguinea</i> F. Muell.                                      |        | Nomenclatural synonym. See Foster <i>et al.</i> (2016).      |
| <i>Triodia</i> sp. Little Sandy Desert (S. van Leeuwen 4935)         | <i>Triodia birriliburu</i> B.M. Anderson                                | P3     | Taxon formally published. See Anderson <i>et al.</i> (2017). |
| <i>Triodia</i> sp. Pannawonica (B.M. Anderson & M.D. Barrett BMA 89) | <i>Triodia mallota</i> B.M. Anderson & M.D. Barrett                     | P1     | Taxon formally published. See Anderson <i>et al.</i> (2017). |
| <i>Triodia</i> sp. Peedamulla (A.A. Mitchell PRP 1636)               | <i>Triodia glabra</i> B.M. Anderson & M.D. Barrett                      |        | Taxon formally published. See Anderson <i>et al.</i> (2017). |
| <i>Triodia</i> sp. Shovelanna Hill (S. van Leeuwen 3835)             | <i>Triodia vanleeuwenii</i> B.M. Anderson & M.D. Barrett                |        | Taxon formally published. See Anderson <i>et al.</i> (2017). |
| <i>Triodia</i> sp. Warrawagine (A.L. Payne PRP 1859)                 | <i>Triodia scintillans</i> B.M. Anderson & M.D. Barrett                 |        | Taxon formally published. See Anderson <i>et al.</i> (2017). |
| <i>Tripogon loliiformis</i> (F. Muell.) C.E. Hubb.                   | <i>Tripogonella loliiformis</i> (F. Muell.) P.M. Peterson & Romasch.    |        | Nomenclatural synonym. See Peterson <i>et al.</i> (2016).    |
| <i>Xerochrysum bracteatum</i> (Vent.) Tzvelev                        | n/a                                                                     |        | Excluded taxon. See Wilson (2017).                           |

## Acknowledgements

Staff at PERTH and the Department of Biodiversity, Conservation and Attraction's 'Taxonomic Review Committee' are acknowledged for their contributions to the information presented herein.

## References

- Anderson, B.M., Thiele, K.R. & Barrett, M.D. (2017). A revision of the *Triodia basedowii* species complex and close relatives (Poaceae: Chloridoideae). *Australian Systematic Botany* 30: 197–229.
- Angiosperm Phylogeny Group (2016). An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG IV. *Botanical Journal of the Linnean Society* 181: 1–20.
- Barker, W.R. (2005). Standardising informal names in Australian publications. *Australian Systematic Botany Society Newsletter* 122: 11–12.
- Barker, W.R., Nesom, G.L., Beardsley, P.M. & Fraga, N.S. (2012). A taxonomic conspectus of Phrymaceae: A narrowed circumscription for *Mimulus*, new and resurrected genera, and new names and combinations. *Phytoneuron* 39: 1–60.
- Barrett, M.D., Moody, M. & Barrett, R.L. (2016). A review of *Myriophyllum callitrichoides* (Haloragaceae) in Western Australia. *Telopea* 19: 207–211.

- Barrett, R.L. (2016). Three new species from the Kimberley region of Western Australia from the families Caryophyllaceae, Convolvulaceae and Poaceae. *Nuytsia* 27: 287–298.
- Barrett, R.L. & Wilson, K.L. (2012). A review of the genus *Lepidosperma* Labill. (Cyperaceae: Schoeneae). *Australian Systematic Botany* 25: 225–294.
- Bean, A.R. (2008). A synopsis of *Ptilotus* (Amaranthaceae) in eastern Australia. *Telopea* 12: 227–250.
- Buirchell, B.J. & Brown, A.P. (2016). New species of *Eremophila* (Scrophulariaceae): thirteen geographically restricted species from Western Australia. *Nuytsia* 27: 253–283.
- CHAH (Council of Heads of Australasian Herbaria) (2006). *National Species List*. <https://id.biodiversity.org.au/instance/apni/612712> [accessed 13 September 2016].
- CHAH (Council of Heads of Australasian Herbaria) (2014). *National Species List*. <https://id.biodiversity.org.au/instance/apni/781494> [accessed 9 October 2017].
- CHAH (Council of Heads of Australasian Herbaria) (2016). *National Species List*. <https://id.biodiversity.org.au/instance/apni/649659> [accessed 25 July 2017].
- Craven, L.A., Barrett, R.L. & Barrett, M.D. (2016). Three new species and one new combination in *Hibiscus* (Malvaceae). *Muelleria* 35: 3–14.
- Crisp, M.D., Cayzer, L., Chandler, G.R. & Cook, L.G. (2017). A monograph of *Daviesia* (Mirbelieae, Faboideae, Fabaceae). *Phytotaxa* 300: 1–308.
- Davis, R.W. & Brown, A.P. (2017). A new species of *Chamaescilla* (Asparagaceae) from the mid-west of Western Australia. *Nuytsia* 28: 225–227.
- Davis, R.W. & Hammer, T.A. (2017). *Ptilotus benlii* (Amaranthaceae), a new species from Western Australia. *Nuytsia* 28: 299–302.
- Davis, R.W., Hammer, T.A. & Thiele, K.R. (2016). A new and rare species of *Nymphoides* (Menyanthaceae) from the North West of Western Australia. *Nuytsia* 27: 245–252.
- Dimon, R.J. & Renner, M.A.M. (2017). A new *Cynoglossum* species, and transfers to *Hackelia* in eastern Australian Boraginaceae. *Australian Systematic Botany* 30: 113–123.
- Fici, S. (2015). A taxonomic revision of the *Capparis spinosa* group (Capparaceae) from eastern Africa to Oceania. *Phytotaxa* 203: 24–36.
- Foster, C.S.P., Cantrill, D.J., James, E.A., Syme, A.E., Jordan, R., Douglas, R., Ho, S.Y.W. & Henwood, M.J. (2016). Molecular phylogenetics provides new insights into the systematics of *Pimelea* and *Thecanthes* (Thymelaeaceae). *Australian Systematic Botany* 29: 185–196.
- Glon, H.E., Shiels, D.R., Linton, E., Starr, J.R., Shorkey, A.L., Fleming, S., Lichtenwald, S.K., Schick, E.R., Pozo, D. & Mofils, A.K. (2017). A Five Gene Phylogenetic Study of Fuireneae (Cyperaceae) with a Revision of *Isolepis humillima*. *Systematic Botany* 42: 26–36.
- Hammer, T.A. & Davis, R.W. (2017). Synonymisation of three Western Australian taxa within *Ptilotus* (Amaranthaceae). *Nuytsia* 28: 133–134.
- Harley, R.M. & Pastore, J.F.B. (2012). A generic revision and new combinations in the Hyptidinae (Lamiaceae), based on molecular and morphological evidence. *Phytotaxa* 58: 1–55.
- Harrington, M.G. & Gadek, P.A. (2010). Phylogenetics of hopbushes and pepperflowers (*Dodonaea*, *Diplopeltis* - Sapindaceae), based on nuclear ribosomal ITS and partial ETS sequences incorporating secondary-structure models. *Australian Systematic Botany* 23: 431–442.
- Hayasaka, E. (2012). Delineation of *Schoenoplectiella* Lye (Cyperaceae), a genus newly segregated from *Schoenoplectus* (Rchb.) Palla. *Journal of Japanese Botany* 87: 169–186.
- Hislop, M. (2016a). New species of *Leucopogon* s. str. (Ericaceae: Epacridoideae: Styphelieae) from the Geraldton Sandplains. *Nuytsia* 27: 217–242.
- Hislop, M. (2016b). *Stenanthera pungens* (Ericaceae: Epacridoideae: Styphelieae), a new combination, and a new genus for Western Australia. *Nuytsia* 27: 285–286.
- Hislop, M. & Cranfield, R.J. (2017). A taxonomic update of *Brachyloma* (Ericaceae: Epacridoideae: Styphelieae) in Western Australia. *Nuytsia* 28: 303–316.
- Hislop, M. & Puente-Lelièvre, C. (2017). Five new species of *Styphelia* (Ericaceae: Epacridoideae: Styphelieae) from the Geraldton Sandplains, including notes on a new, expanded circumscription for the genus. *Nuytsia* 28: 95–114.
- Hopper, S.D., Purdie, R.W., George, A.S. & Patrick, S.J. (1987). *Conostylis*. In: George, A.S. (ed.). *Flora of Australia*. Vol. 45: Hydatellaceae to Liliaceae. pp. 57–110. (Australian Biological Resources Study: Canberra/CSIRO Publishing: Melbourne.)
- Jacks, B.R. (2017). A revision of *Dolichandrone* (Bignoniaceae) in Australia. *Australian Systematic Botany* 30: 26–37.
- Jones, D.L. & Brockman, G. (2016). *Prasophyllum cuneatum* (Orchidaceae), a new species from Western Australia. *Australian Orchid Review* 81(6): 50–52.

- Jones, D.L. & French, C.J. (2016). Three new species in the *Diuris corymbosa* Lindley complex (Orchidaceae) from Western Australia. *Australian Orchid Review* 81(4): 27–39.
- Jones, D.L. & French, C.J. (2017). New combinations in *Pterostylis* and *Corunastylis* (Orchidaceae). *Australian Orchid Review* 82(3): 63.
- Joyce, E.M., Butcher, R., Byrne, M., Grierson, P.F., Hankinson, M. & Thiele, K.R. (2017). Taxonomic resolution of the *Tetralochea hirsuta* (Elaeocarpaceae) species complex using an integrative approach. *Australian Systematic Botany* 30: 1–25.
- Jung, J. & Choi, H.L. (2010). Systematic rearrangement of Korean *Scirpus* L. s.l. (Cyperaceae) as inferred from nuclear ITS and chloroplast rbcL sequences. *Journal of Plant Biology* 53: 222–232.
- Klak, C., Hanáček, P. & Bruyns, P.V. (2017). Disentangling the Aizoioideae: New generic concepts and a new subfamily in Aizoaceae. *Taxon* 66: 1147–1170.
- Kok, R. de (2012). A revision of the genus *Gmelina* (Lamiaceae). *Kew Bulletin* 67: 293–329.
- Lang, P.J. & Davies, R.J.-P. (2017). *Goodenia asteriscus* (Goodeniaceae), a new arid zone species from north-western South Australia and eastern Western Australia. *Swainsona* 31: 37–43.
- Leach, G.J. (2017). A revision of Australian *Eriocaulon* (Eriocaulaceae). *Telopea* 20: 205–259.
- Lehtonen, S. (2017). Splitting *Caldesia* in favour of *Albidella* (Alismataceae). *Australian Systematic Botany* 30: 64–69.
- Liede, S. & Täuber, A. (2000). *Sarcostemma* R.Br. (Apocynaceae — Asclepiadoideae) — a controversial generic circumscription reconsidered: Evidence from trnL-F spacers. *Plant Systematics and Evolution* 225: 133–140.
- Lohr, M.T. & Keighery, G. (2016). *Quercus* (Fagaceae) in Western Australia. *Western Australian Naturalist* 30: 172–175.
- Lowrie, A. (2014). *Carnivorous plants of Australia magnum opus*. Vol. 3. (Redfern Natural History Productions: Poole, United Kingdom.)
- Lowrie, A. & Kenneally, K.F. (2017). A taxonomic revision of the basin-like rosetted triggerplants of the *Stylidium piliferum* complex (Stylidiaceae) from south-western Australia. *Nuytsia* 28: 339–382.
- Lye, K.A. (2003). *Schoenoplectiella* Lye, gen. nov. (Cyperaceae). *Lidia* 6: 20–29.
- Meve, U. & Liede-Schumann, S. (2012). Taxonomic dissolution of *Sarcostemma* (Apocynaceae: Asclepiadoideae). *Kew Bulletin* 67: 751–758.
- Nge, F.J., Keighery, G.J. & Thiele, K.R. (2017). A revision of the *Calytrix acutifolia* complex (Myrtaceae: Chamelaucieae). *Nuytsia* 28: 321–337.
- Nicoll, D. (2013). *Native eucalypts of South Australia*. (Dean Nicoll: Adelaide.)
- Nie, Z.L., Funk, V., Sun, H., Deng, T., Meng, Y. & Wen, J. (2013). Molecular phylogeny of *Anaphalis* (Asteraceae, Gnaphalieae) with biogeographic implications in the Northern Hemisphere. *Journal of Plant Research* 126: 17–32.
- Nightingale, M.E., Lazarides, M. & Weiller, C.M. (2005). *Brachyachne*. In: Mallett, K. (ed.) *Flora of Australia*. Vol. 44B: Poaceae 3. pp. 294–300. (Australian Biological Resources Study: Canberra / CSIRO Publishing: Melbourne.)
- Obbens, F.J., Hancock, L.P., Edwards, E. & Thiele, K.R. (2017). *Calandrinia holtumii* (Portulacaceae), a new and unusual species from arid Western Australia. *Nuytsia* 28: 217–223.
- Perkins, A.J. (2017a). Rising from the ashes - *Hydrocotyle phoenix* (Araliaceae), a new annual species from south-western Australia. *Telopea* 20: 41–47.
- Perkins, A.J. (2017b). *Hibiscus campanulatus* (Malvaceae), a new and rare species from the Pilbara bioregion, Western Australia. *Nuytsia* 28: 135–138.
- Perkins, A.J. & Dilly, M.L. (2017). *Hydrocotyle serendipita* (Araliaceae), a new species of fire ephemeral from south-western Australia. *Telopea* 20: 269–275.
- Peterson, P.M., Romaschenko, K. & Herrera Arrieta, Y. (2016). A molecular phylogeny and classification of the Cynodonteae (Poaceae: Chloridoideae) with four new genera: *Orthacanthus*, *Triplasiella*, *Tripogonella*, and *Zaqiqah*; three new subtribes: Dactylocteninae, Orininae, and Zaqiqahinae; and a subgeneric classification of *Distichlis*. *Taxon* 65: 1263–1287.
- Peterson, P.M., Romaschenko, K., Snow, N. & Johnson, G. (2012). A molecular phylogeny and classification of *Leptochloa* (Poaceae: Chloridoideae: Chlorideae) sensu lato and related genera. *Annals of Botany (Oxford) new series* 109: 1317–1330.
- Piirainen, M., Liebisch, O. & Kadereit, G. (2017). Phylogeny, biogeography, systematics and taxonomy of Salicornioideae (Amaranthaceae/Chenopodiaceae) – A cosmopolitan, highly specialized hygrohalophyte lineage dating back to the Oligocene. *Taxon* 66: 109–132.
- Rye, B.L. (2013). A revision of the south-western Australian genus *Astartea* (Myrtaceae: Chamelaucieae). *Nuytsia* 23: 189–269.
- Rye, B.L. (2017a). An expanded circumscription and new infrageneric classification of *Rinzia* (Myrtaceae: Chamelaucieae). *Nuytsia* 28: 39–93.
- Rye, B.L. (2017b). New lectotypes and synonyms in the Western Australian genus *Scholtzia* (Myrtaceae: Chamelaucieae). *Nuytsia* 28: 159–167.

- Rye, B.L. (2017c). Revision of the south-western Australian genus *Anticoryne* (Myrtaceae: Chamelaucieae). *Nuytsia* 28: 205–215.
- Rye, B.L. & Hislop, M. (2017). Two new synonyms in Western Australian Proteaceae: *Isopogon heterophyllus* and *I. teretifolius* subsp. *petrophiloides*. *Nuytsia* 28: 169–172.
- Shaw, J.M.H. in Royal Horticultural Society (2014). Quarterly supplement to the international register and checklist of orchid hybrids (Sander's list): October–December 2013 registrations. *Orchid Review Supplement* 122(1305): 16.
- Shepherd, K.A. & Thiele, K.R. (2017). *Teucrium disjunctum*, a new name for *Spartothamnella canescens* (Lamiaceae). *Nuytsia* 28: 139–140.
- Shepherd, K.A. & Wilkins, C.F. (2017). A revision of the *Lasiopetalum floribundum* group (Malvaceae), including recognition of four new species. *Nuytsia* 28: 273–298.
- Short, P.S. (2016). Notes concerning the classification of species included in *Calocephalus* R.Br. *s.lat.* and *Gnephosis* Cass. *s.lat.* (Asteraceae: Gnaphalieae), with descriptions of new genera and species. *Journal of the Adelaide Botanic Gardens* 29: 147–220.
- Smith, M. (2017). *Threatened and Priority Flora list 8 March 2017*. Department of Parks and Wildlife <https://www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants> [accessed 23 January 2018].
- Smith, S.G. (1995). New Combinations in North American *Schoenoplectus*, *Bolboschoenus*, *Isolepis*, and *Trichophorum* (Cyperaceae). *Novon* 5: 97–102.
- Telford, I.R.H., Pruesapan, K., Welzen, P.C. van & Bruhl, J.J. (2016). Morphological and molecular data show *Synostemon trachyspermus* (Phyllanthaceae, Phyllanthaeae) to be a heterogeneous species assemblage. *Australian Systematic Botany* 29: 218–234.
- Testoni, D. & Villamil, C.B. (2014). Estudios en el género *Cortaderia* (Poaceae). I. Sistemática y nomenclatura de la sect. *Cortaderia*. *Darwiniana n.s.* 2: 260–276.
- Thiele, K.R. (2017a). A revision of the *Hibbertia lineata* (Dilleniaceae) species group. *Nuytsia* 28: 173–191.
- Thiele, K.R. (2017b). *Hibbertia striata*, a new combination for a long-overlooked Western Australian species, and inclusion of *H. pachyrrhiza* in *H. huegelii*. *Nuytsia* 28: 247–253.
- Thiele, K.R. & Nge, F. (2017). *Hibbertia sejuncta*, a new, rare species from Western Australia, with notes on *H. helianthemoides*. *Nuytsia* 28: 115–117.
- Thulin, M., Moore, A.J., El-Seedi, H., Larsson, A., Christin, P.-A. & Edwards, E.J. (2016). Phylogeny and generic delimitation in Molluginaceae, new pigment data in Caryophyllales, and the new family Corbichoniaceae. *Taxon* 65: 775–793.
- Wannan, B.S. (2016). Three new species in *Lindernia* All. *s.l.* (Linderniaceae) for Australia. *Austrobaileya* 9: 508–523.
- Wege, J.A. (2017a). Taxonomic notes on *Asterolasia* (Rutaceae) in Western Australia to inform conservation. *Nuytsia* 28: 141–146.
- Wege, J.A. (2017b). *Stylidium* miscellany 3: a synopsis of Robert Brown's Stylidiaceae types and occasional notes on associated names. *Nuytsia* 28: 229–246.
- Western Australian Herbarium (1998–). *FloraBase—the Western Australian Flora*. Department of Biodiversity, Conservation and Attractions. <https://florabase.dpaw.wa.gov.au/> [accessed 25 January 2017].
- Wilson, P.G. (2017). An examination of the Australian genus *Xerochrysum* (Asteraceae: Gnaphalieae). *Nuytsia* 28: 11–38.

## Cheryl M. Parker<sup>1</sup> and Julia M. Percy-Bower

Western Australian Herbarium, Biodiversity and Conservation Science,  
Department of Biodiversity, Conservation and Attractions,  
Locked Bag 104, Bentley Delivery Centre, Western Australia 6983

<sup>1</sup>Corresponding author, email: Cheryl.Parker@dbca.wa.gov.au



Parker, C M and Percy-Bower, J M. 2018. "Updates to Western Australia's vascular plant census for 2017." *Nuytsia: journal of the Western Australian Herbarium* 29, 1–16. <https://doi.org/10.58828/nuy00885>.

**View This Item Online:** <https://www.biodiversitylibrary.org/item/282441>

**DOI:** <https://doi.org/10.58828/nuy00885>

**Permalink:** <https://www.biodiversitylibrary.org/partpdf/306882>

#### **Holding Institution**

Western Australian Herbarium

#### **Sponsored by**

Atlas of Living Australia

#### **Copyright & Reuse**

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Western Australian Herbarium

License: <http://creativecommons.org/licenses/by-nc-sa/4.0/>

Rights: <http://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.