Plant Names Database: Quarterly changes

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This report is generated using an automated system and is therefore authored by the staff at the Allan Herbarium who currently contribute directly to the development and maintenance of the Plant Names Database. Authors are listed alphabetically after the third author. Authors have contributed as follows:

Leadership: Wilton, Schönberger, Breitwieser, Smissen

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Disclaimer

The Plant Names Database is being updated every working day. We welcome suggestions for improvements, concerns, or any data errors you may find. Please email these to PlantInfo@landcareresearch.co.nz.

Introduction

The scientific names that are relevant to the New Zealand flora are constantly changing as we document new indigenous and exotic taxa in the flora, improve our understanding of the taxonomy and circumscription of taxa, and update information to be consistent with the International Code of Nomenclature and other standards. The purpose of this document is to provide an update of recent changes in the taxonomy and nomenclature for the New Zealand flora.

The Plant Names Database was established to record the scientific and vernacular names and taxonomy that are relevant to the New Zealand flora. It covers seed plants, ferns and lycophytes, mosses, liverworts, hornworts, and lichens that are indigenous or exotic to New Zealand. It primarily focuses on taxa that are present in the "wild" flora, but also includes information for taxa in other biostatus categories.

The staff at the Allan Herbarium update the information in the Plant Names Database, which is made available through the New Zealand Plants Website - http://nzflora.landcareresearch.co.nz, often with input and advice from botanists working in other organisations. This document summarises for the period stated below the changes in the Plant Names Database. The type of changes include:

- addition of new names
- formal merging and removal of duplicate names
- changes to the status of the name, as a preferred name or synonym for a taxon
- updates of the origin or occurrence (i.e. biostatus) of a taxon within New Zealand
- changes to the classification of a taxon
- updates of the scientific article that is being applied to a taxon to determine whether the name is a synonym or preferred name

All of these changes are logged when the data are regularly published to the New Zealand Plants website, and then automatically compiled into these reports at the end of each quarter without human intervention.

Structure of the document

The document is arranged in two parts. Part 1 provides a listing of scientific names by major taxonomic groups. Within these groups names are listed alphabetically by the type of change. Names in this section are listed in plain text and without authors.

In Part 2 the names are listed following the taxonomic classification. The type of changes are indicated by symbols following the name. Names are presented with author when available, and are correctly formatted. If a name is a synonym, the preferred name is listed on the next line.

In both parts preferred names are listed in bold.

Reporting period

This report covers the changes published between 3 June 2018 and 9 September 2018.

Notification Service

These changes are also available as a subscription service (ATOM) at the following web location:

http://nzflora.landcareresearch.co.nz/feed

Acknowledgements

The Plant Names Database is built on the contributions of a number of individuals, and continues to be maintained with significant contributions from people both within and outside of Landcare Research. In particular we would like to acknowledge the significant contributions of the following people who regularly recommend updates for the data within the Plant Names Database: Pat Brownsey (Te Papa Tongarewa Museum of New Zealand), Peter de Lange (Department of Conservation), David Galloway (Research Associate, Landcare Research), Leon Perrie (Te Papa Tongarewa Museum of New Zealand), Jeremy Rolfe (Department of Conservation), John Steele (University of Otago).

We would like to thank Christine Bezar and Margot Bowden for their advice while we were developing this report.

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Index of changes for Ascomycetes

Index of changes for Bryatae

Preferred Name change

Taxonomy Article change

Spelling change

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Additions

Preferred Name change

Biostatus change

Classification change

Taxonomy Article change

Spelling change

Index of changes for Polypodiopsida

Additions

Preferred Name change

Biostatus change

Classification change

Taxonomy Article change

Spelling change

Hierarchical checklist of changes

The following symbols are used to indicate changes to the data.

Ⓐ: addition; ⊖: the removal or merging of scientific names; Ⓢ: a change to the spelling of the name; Ⓞ: a change in the origin information; Ⓟ: a change in th presence (occurrence) information; Ⓣ: a change in the taxonomic article; ⊜: a change to the preferred name; Ⓒ: a change to the classification (direct parent)

Bryatae

Phascum apiculatum Hook.f. & Wilson Ⓢ

= *Acaulon integrifolium* Müll.Hal.

Phascum cuspidatum Hedw. ⊜

= *Tortula acaulon* (With.) R.H.Zander

Phascum drummondii Wilson ⊜

= *Tortula willisiana* R.H.Zander

Phascum (*Leptophascum*) Müll.Hal. ⓈⓉ

= *Leptophascum* (Müll.Hal.) J.Guerra & M.J.Cano

Guerra, J.; Cano, M.J. 2000: A taxonomic contribution on the European cleistocarpous species of Pottiaceae (Musci). *Journal of Bryology 22*: 91-97.

Stokesiella (Kindb.) H.Rob. ⊜

= *Kindbergia* Ochyra

Webera camptotrachela Renauld & Cardot Ⓣ

= *Pohlia camptotrachela* (Renauld & Cardot) Broth.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Webera elatior Dixon & Sainsbury Ⓣ

= *Pohlia nutans* (Hedw.) Lindb.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Webera nutans Hedw. Ⓣ

= *Pohlia nutans* (Hedw.) Lindb.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Webera tenuifolia A.Jaeger Ⓣ

= *Pohlia tenuifolia* (A.Jaeger) Broth.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Pottiaceae

Tortula arenae subsp. *petriei* (Broth.) Lightowl. Ⓢ

= *Hennediella arenae* var. *petriei* (Broth.) R.H.Zander

Bryopsida

Bartramiales

Bartramiaceae

Bartramia sieberi Hornsch. ex Müll.Hal. Ⓢ

= *Breutelia pendula* (Sm.) Mitt.

Bryales

Bryaceae

Bryum annotinum Hedw. Ⓣ

= *Pohlia annotina* (Hedw.) Lindb.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Bryum blandum Hook.f. & Wilson Ⓣ

= *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Bryum blandum var. *luridum* Hook.f. & Wilson Ⓣ

= *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Bryum foresteri R.Br.bis Ⓢ

= *Bryum clavatum* (Schimp.) Müll.Hal.

Bryum handelii Broth. ⊜ Ⓣ

= *Ochiobryum handelii* (Broth.) J.R.Spence & H.P.Ramsay

Spence, J.R.; Ramsay, H.P. 2005: New genera and combinations in the Bryaceae (Bryales, Musci) for Australia. *Phytologia 87*: 61-72.

Bryum tenuifolium Hook.f. & Wilson Ⓣ

= *Pohlia tenuifolia* (A.Jaeger) Broth.

Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*

Mielichhoferiaceae
Epipterygium obovatum Ochyra Ⓣ
= *Epipterygium opararense* Fife & A.J.Shaw
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Epipterygium opararense* Fife & A.J.Shaw** Ⓣ
Origin: Endemic; Occurrence: Wild
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Mielichhoferia australis Hampe ⊖ Ⓣ
= *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Mielichhoferia bryoides* (Harv.) Wijk & Margad.** ⊖ Ⓣ
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Mielichhoferia buchananii R.Br.bis ⊖ Ⓣ
= *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Mielichhoferia ecklonii Hornsch. ⊖ Ⓣ
= *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Mielichhoferia tenuiseta Mitt. ⊖ Ⓣ
= *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Pohlia elatior (Dixon & Sainsbury) Sainsbury Ⓣ
= *Pohlia nutans* (Hedw.) Lindb.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
Pohlia novae-seelandiae Dixon Ⓣ
= *Pohlia elongata* Hedw.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Pohlia ochii* Vitt** ◎
Origin: Endemic; Occurrence: Wild
***Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Schizymenium bryoides Harv. ⊖
= *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
Mniaceae
***Epipterygium* Lindb.** ©Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 69. Mielichhoferiaceae
http://www.anbg.gov.au/abrs/Mosses_online/69_Mielichhoferiaceae.html
***Mielichhoferia* Nees & Hornsch.** ©Ⓣ
Occurrence: Absent
Australian Mosses Online. 69. Mielichhoferiaceae
http://www.anbg.gov.au/abrs/Mosses_online/69_Mielichhoferiaceae.html
Mniaceae ⓈⓉ
Origin: Non-endemic; Occurrence: Wild
Mnium crudum Hedw. Ⓣ
= *Pohlia cruda* (Hedw.) Lindb.
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Ochiobryum* J.R.Spence & H.P. Ramsay** ©Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Plagiomnium rhynchophorum* (Hook.) T.J.Kop.** ⒶⓈ
Occurrence: Absent
***Pohlia* Hedw.** ©Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 69. Mielichhoferiaceae
http://www.anbg.gov.au/abrs/Mosses_online/69_Mielichhoferiaceae.html
Schizymenium Harv. ©⊖
= *Mielichhoferia* Nees & Hornsch.

Dicranales
Ditrichaceae
***Wilsoniella* Müll.Hal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Wilsoniella blindioides* (Broth.) Sainsbury** ⓄⓅ⊖
Origin: Non-endemic; Occurrence: Wild
Grimmiales
Grimmiaceae
***Bucklandiella* Roiv.** ⒶⓄⓅ
Occurrence: Absent
Bucklandiella crumiana (Fife) Bednarek-Ochyra & Ochyra
= *Racomitrium crumianum* Fife
Bucklandiella curiosissima (Bednarek-Ochyra & Ochyra) Bednarek-Ochyra & Ochyra
= *Racomitrium curiosissimum* Bednarek-Ochyra & Ochyra
Bucklandiella didyma (Mont.) Bednarek-Ochyra & Ochyra
= *Racomitrium didymum* (Mont.) Lorentz
Bucklandiella elegans (Müll.Hal.) Bednarek-Ochyra & Ochyra ⊖ Ⓣ
= *Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
Schistidium aquaticum Ochyra Ⓢ
= *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
Hookeriales
Hypopterygiaceae
***Lopidium concinnum* (Hook.) Hook.f. & Wilson** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Hypnales
Amblystegiaceae
Calliergon laxirete Zanten & J.K.Bartlett Ⓣ
= *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay
Fife , A.J.[2018]: Mielichhoferiaceae. *In* : *Flora of New Zealand – Mosses;*
***Calliergon richardsonii* (Mitt.) Kindb.ex G.Roth** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Brachytheciaceae
Brachytheciaceae Ⓣ
Origin: Non-endemic; Occurrence: Wild
Brachythecium allisonii Fife ⊖
= *Brachythecium campestre* (Müll.Hal.) Schimp.
Brachythecium cymbifolium Dixon & Sainsbury ⊖
= *Scleropodium touretii* (Brid.) L.F.Koch
***Brachythecium mildeanum* (Schimp.) Schimp.** ⓄⓅ
Occurrence: Absent
***Brachythecium subpilosum* (Hook.f. & Wilson) A.Jaeger** ⓄⓅ
Occurrence: Absent
Brachythecium subpilosum var. *angustifolium* Allison ⊖
= *Brachythecium campestre* (Müll.Hal.) Schimp.
Eurhynchium ellipticifolium Dixon & Sainsbury Ⓣ
= *Eurhynchium speciosum* (Brid.) Jur.
***Eurhynchium remotifolium* (Grev.) A.Jaeger** ⒶⓅ⊖
Occurrence: Absent
Helicodontiadelphus australiensis Dixon Ⓣ
= *Eriodon cylindritheca* (Dixon) Dixon & Sainsbury
Hedenäs, L. 2002: An overview of the family Brachytheciaceae (Bryophyta) in Australia. *Journal of the Hattori Botanical Laboratory 92*: 51-90.
***Kindbergia* Ochyra** ⊖ Ⓣ
Occurrence: Absent
Rhynchostegium cucullatum (Mitt.) Mitt. Ⓣ
= *Scorpiurium cucullatum* (Mitt.) Hedenäs
Echinodiaceae
Echinodium hispidum var. *glaucoviride* (Mitt.) Dixon ⊖ Ⓣ
= *Echinodium umbrosum* var. *glaucoviride* (Mitt.) S.P.Churchill
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.

Hypnaceae
Hypnum albescens sensu Beever, Allison & Child ⊖
= *Isopterygium albescens* (Hook.) A.Jaeger
Hypnum albescens sensu Sainsbury ⊖
= *Isopterygium albescens* (Hook.) A.Jaeger
Hypnum alleghaniense Müll.Hal. Ⓢ
= *Thamnobryum alleghaniense* (Müll.Hal.) Nieuwl.
Hypnum alopecurum Hedw. Ⓢ
= *Thamnobryum alopecurum* (Hedw.) Nieuwl. ex Gangulee
Hypnum atrovirens Dicks. ex Brid. Ⓢ
= *Pseudoleskea atrovirens* (Brid.) Schimp.
Hypnum austropusillum Müll.Hal. ⊖ Ⓣ
= *Isopterygium albescens* (Hook.) A.Jaeger
Australian Mosses Online 14. Pylaisiadelphaceaehttp://www.anbg.gov.au/abrs/Mosses_online/014_Pylaisiadelphaceae.html
Hypnum confertum Dicks. Ⓢ
= *Rhynchostegium confertum* (Dicks.) Schimp.
Hypnum confertum var. *depressum* Brid. Ⓢ
= *Isopterygium depressum* (Brid.) Mitt.
Hypnum denticulatum Hedw. Ⓢ
= *Plagiothecium denticulatum* (Hedw.) Schimp.
Hypnum hians Hedw. ⒶⓈ
= *Eurhynchium hians* (Hedw.) Sande Lac.
Hypnum minutirameum Müll.Hal. ⊖ Ⓣ
= *Isopterygium albescens* (Hook.) A.Jaeger
Australian Mosses Online 14. Pylaisiadelphaceaehttp://www.anbg.gov.au/abrs/Mosses_online/014_Pylaisiadelphaceae.html
Hypnum papillatum Harv. Ⓢ
= *Acanthorrhynchium papillatum* (Harv.) M.Fleisch.
Hypnum remotifolium Grev. Ⓐ⊖
= *Eurhynchium remotifolium* (Grev.) A.Jaeger
Hypnum riparioides Hedw. Ⓢ
= *Platyhypnidium riparioides* (Hedw.) Dixon
Hypnum sparsum Hook.f. & Wilson ⊖ Ⓣ
= *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
***Hypnum terraenovae* Brid.** Ⓢ
Occurrence: Absent
Hypnum terraenovae var. *australe* Hook.f. & Wilson Ⓢ
= *Austrohondaella limata* (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
Hypnum touretii Brid. ⓈⓉ
= *Scleropodium touretii* (Brid.) L.F.Koch
Hypnum wahlenbergii F.Weber & D.Mohr Ⓣ
= *Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews
***Vesicularia* (Müll.Hal.) Müll.Hal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Vesicularia inflectens* (Brid.) Müll.Hal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Lepyrodontaceae
***Lepyrodon australis* Hampe ex Broth.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Lepyrodon implexus* Kindb.** Ⓢ
Occurrence: Absent
Lepyrodon pseudolagurus B.H.Allen Ⓣ
= *Lepyrodon lagurus* (Hook.) Mitt.
***Lepyrodon suborthostichus* (Müll.Hal.) Hampe** Ⓢ
Occurrence: Absent
Meteoriaceae
Meteorium molle (Hedw.) Hook.f. & Wilson Ⓢ
= *Weymouthia mollis* (Hedw.) Broth.
Neckeraceae
***Echinodiopsis* S.Olsson, Enroth & D.Quandt** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild

Echinodiopsis hispida (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt
= *Echinodium hispidum* (Hook.f. & Wilson) Reichardt
Echinodiopsis umbrosa (Mitt.) S.Olsson, Enroth & D.Quandt
= *Echinodium umbrosum* (Mitt.) A.Jaeger
Plagiotheciaceae
***Plagiothecium lucidum* (Hook.f. & Wilson) Paris** ⓄⓅⓉ
Occurrence: Absent
Pylaisiadelphaceae
Isopterygium minutirameum (Müll.Hal.) A.Jaeger ⊖ Ⓣ
= *Isopterygium albescens* (Hook.) A.Jaeger
Australian Mosses Online 14. Pylaisiadelphaceaehttp://www.anbg.gov.au/abrs/Mosses_online/014_Pylaisiadelphaceae.html
***Pylaisiadelphaceae* Goffinet & W.R.Buck** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Hypnodendrales
Hypnodendraceae
***Hypnodendron arcuatum* (Hedw.) Mitt.** Ⓟ
Origin: Endemic; Occurrence: Wild
Orthotrichales
Orthotrichaceae
Macromitrium hectorii Mitt. Ⓢ
= *Schlotheimia campbelliana* Müll.Hal.
Pottiales
Pottiaceae
Dendia maritima R.Br.bis ⊖
= *Tortula splachnoides* (Hornsch.) R.H.Zander
***Didymodon ceratodonteus* (Müll.Hal.) Dixon** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Leptodontium interruptum* (Mitt.) Broth.** Ⓞ
Origin: Endemic; Occurrence: Wild
***Leptophascum* (Müll.Hal.) J.Guerra & M.J.Cano** ⓄⓅ
Origin: Exotic; Occurrence: Wild
Leptophascum leptophyllum (Müll.Hal.) J.Guerra & M.J.Cano Ⓢ
= *Chenia leptophylla* (Müll.Hal.) R.H.Zander
Pottia ceratodontea Müll.Hal. Ⓢ
= *Didymodon ceratodonteus* (Müll.Hal.) Dixon
Pottia longifolia R.Br.bis ⊖
= *Tortula areolata* (C.Knight) Fife
Pottia maritima (R.Br.bis) Broth. ⊖
= *Tortula splachnoides* (Hornsch.) R.H.Zander
***Syntrichia brevisetacea* (F.Muell.) R.H.Zander** ⓄⓅ
Occurrence: Absent
***Syntrichia papillosa* (Wilson ex Spruce) Jur.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Syntrichia robusta* (Hook. & Grev.) R.H.Zander** Ⓟ
Origin: Non-endemic; Occurrence: Absent
Tortula laevipila (Brid.) Schwägr. ⊖
= *Syntrichia laevipila* Brid.
***Tortula laevipila* sensu (Brid.) Schwägr.** ⊖
Tortula maritima (R.Br.bis) R.H.Zander ⊖
= *Tortula splachnoides* (Hornsch.) R.H.Zander
Tortula papillosa Wilson ex Spruce Ⓢ
= *Syntrichia papillosa* (Wilson ex Spruce) Jur.
Tortula subobliqa R.S.Williams Ⓢ
= *Chenia subobliqua* (R.S.Williams) R.H.Zander
Tortula willisiana R.H.Zander
= *Tortula maritima* (R.Br.bis) R.H.Zander
Trichostomum convolutum Brid. Ⓢ
= *Tortula atrovirens* (Sm.) Lindb.
Ptychomniales
Ptychomniaceae
***Tetraphidopsis* Broth. & Dixon** Ⓞ
Origin: Non-endemic; Occurrence: Wild

***Tetraphidopsis pusilla* (Hook.f. & Wilson) Dixon** ◎
Origin: Non-endemic; Occurrence: Wild
Rhizogoniales
Aulacomniaceae
Hymenodontopsis mnioides (Hook.) N.E.Bell, A.E.Newton & D.Quandt Ⓢ
= *Pyrrhobryum mnioides* (Hook.) Manuel
Jungermanniopsida
Fossombroniales
Petalophyllaceae
***Petalophyllum hodgsoniae* Crandall-Stotler & C.H.Ford** Ⓢ
Origin: Endemic; Occurrence: Wild
Jungermanniales
***Jungermanniales* H.Klinggr.** Ⓢ
Acrobolbaceae
***Acrobolbus saccatus* (Hook.) Trevis.** Ⓢ
Origin: Endemic; Occurrence: Wild
***Lethocolea pansa* (Taylor) G.A.M.Scott & K.G.Beckm.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Adelanthaceae
***Syzygiella teres* (Carrington & Pearson) Váňa** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Anastrophyllaceae
***Anastrophyllaceae* L.Söderstr. De Roo & Hedd.** Ⓢ
Balantiopsidaceae
***Acroscyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Cephaloziaceae
Cephalozia argentea (Hook.f. & Taylor) Lindenb. Ⓢ
= *Zoopsis argentea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
***Odontoschisma* (Dumort.) Dumort.** Ⓢ
Occurrence: Absent
Odontoschisma falcata (Hook.) Trevis. Ⓢ
= *Adelanthus falcatus* (Hook.) Mitt.
Odontoschisma occlusum (Hook.f. & Taylor) Trevis. Ⓢ
= *Adelanthus occlusus* (Hook.f. & Taylor) Carrington
Cephaloziellaceae
Cephaloziella nigra (Rodway) Grolle Ⓢ
= *Allisoniella nigra* (Rodway) R.M.Schust.
***Cephaloziella varians* subsp. *subantarctica* (R.M.Schust.) R.M.Schust. ex J.J. Engel** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Jungermanniaceae
Jamesoniella pseudocclusa E.A.Hodgs. Ⓢ
= *Syzygiella pseudocclusa* (E.A.Hodgs.) K.Feldberg, Váňa, Hentschel & Heinrichs
Jungermannia grandiflora Lindenberg. & Gottsche Ⓢ
= *Syzygiella sonderi* (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs
Jungermannia hymenophyllum Hook. Ⓢ
= *Symphyogyna hymenophyllum* (Hook.) Mont. & Nees
Jungermannia strongylophylla Hook.f. & Taylor Ⓢ
= *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
Lepidoziaceae
Bazzania atrovirens (Hook.f. & Taylor) Kuntze Ⓢ
= *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
***Isolembidium* R.M.Schust.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Lepidozia herzogii E.A.Hodgs. Ⓢ
= *Telaranea herzogii* (E.A.Hodgs.) E.A.Hodgs.
***Lepidozia laevifolia* var. *alpina* R.M.Schust. & J.J.Engel** Ⓢ
Origin: Endemic; Occurrence: Wild
Mastigobryum atrovirens (Hook.f. & Taylor) Gottsche, Lindenb. & Nees Ⓢ
= *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
Mastigobryum macroamphigastrum Colenso Ⓢ
= *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.

Microlepidozia allisonii (Herzog) R.M.Schust. Ⓢ
= *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
Lophocoleaceae
Chiloscyphus amplectens (Mitt.) J.J.Engel & R.M.Schust. Ⓢ
= *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
Chiloscyphus strongylophyllus (Hook.f. & Taylor) Hässel Ⓢ
= *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
Clasmatocolea amplectens (Mitt.) J.J.Engel Ⓢ
= *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
Clasmatocolea paucistipula (Rodway) Grolle Ⓢ
= *Hepatostolonophora paucistipula* (Rodway) J.J.Engel
Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn. var. *fissistipus ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Lophocolea petriana Steph. Ⓢ
= *Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust.
Lophoziaceae
Lophozia innominata E.A.Hodgs. Ⓢ
= *Isopaches pumicicola* (Berggr.) Bakalin
Mastigophoraceae
Mastigophora glaucophylla (Hook.f. & Taylor) Trevis. Ⓢ
= *Lepidozia glaucophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Plagiochilaceae
***Dinckleria pleurata* (Hook.f. & Taylor) Trevis.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Plagiochila banksiana* Gottsche** Ⓞ
Origin: Non-endemic; Occurrence: Wild
Plagiochila banksiana* Gottsche var. *banksiana Ⓞ
Origin: Non-endemic; Occurrence: Wild
Pseudolepicoleaceae
***Castanoclobos* J.J.Engel & Glenny** ⓄⓈ
Origin: Non-endemic; Occurrence: Wild
Scapaniaceae
Diplophyllum marionense S.W.Arnell Ⓢ
= *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Váňá
Schistochilaceae
***Pachyschistochila parvistipula* (Rodway) R.M.Schust. & J.J.Engel** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Schistochila parvistipula Rodway Ⓢ
= *Pachyschistochila parvistipula* (Rodway) R.M.Schust. & J.J.Engel
Metzgeriales
Aneuraceae
Aneura lobata (Schiffn.) Steph. Ⓢ
= *Lobatiriccardia coronopus* (De Not.) Furuki
***Aneura novaguineensis* Hewson** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Lobatiriccardia lobata (Schiffn.) Furuki Ⓢ
= *Lobatiriccardia coronopus* (De Not.) Furuki
Riccardia lobata Schiffn. Ⓢ
= *Lobatiriccardia coronopus* (De Not.) Furuki
Pallaviciniales
Phyllothalliaceae
***Phyllothalliaceae* E.A.Hodgs.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Porellales
Frullaniaceae
***Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees** Ⓞ
Origin: Non-endemic; Occurrence: Wild
***Frullania scandens* Mont.** Ⓞ
Origin: Non-endemic; Occurrence: Wild
Lejeuneaceae
***Colura pulcherrima* var. *bartlettii* Ast** Ⓞ
Origin: Non-endemic; Occurrence: Wild
***Colura saccophylla* E.A.Hodgs. & Herzog** Ⓞ
Origin: Non-endemic; Occurrence: Wild

***Cumulolejeunea* R.L.Zhu & L.Shu** Ⓐ Ⓞ Ⓟ
Origin: Non-endemic; Occurrence: Wild
***Lejeunea hodgsoniana* Grolle ex R.J.Lewington, P.Beveridge & M.A.M.Renner** Ⓞ Ⓟ
Origin: Endemic; Occurrence: Wild
***Lejeunea oracola* M.A.M.Renner** Ⓢ
Origin: Endemic; Occurrence: Wild
Microlejeunea ocellata (Herzog) Grolle ⊜ Ⓣ
= *Cumulolejeunea ocellata* (Herzog) R.L.Zhu & L.Shu
Zhu, R.-L.; Shu, L. 2018: The systematic position of *Microlejeunea ocellata* (Marchantiophyta: Lejeuneaceae), an extraordinary species endemic to Australia and New Zealand. *Bryologist 121(2)*: 158-165.
Rectolejeunea ocellata Herzog ⊜ Ⓣ
= *Cumulolejeunea ocellata* (Herzog) R.L.Zhu & L.Shu
Zhu, R.-L.; Shu, L. 2018: The systematic position of *Microlejeunea ocellata* (Marchantiophyta: Lejeuneaceae), an extraordinary species endemic to Australia and New Zealand. *Bryologist 121(2)*: 158-165.
Lepidolaenaceae
***Gackstroemia novae-zelandiae* R.M.Schust & J.J.Engel** Ⓢ
Origin: Endemic; Occurrence: Wild
Radulaceae
***Verdoornia* R.M.Schust.** Ⓞ
Origin: Non-endemic; Occurrence: Wild
Lycopodiopsida
Isoetales
Isoetaceae
***Isoetaceae* Dumort.** Ⓢ
Origin: Indigenous; Occurrence: Wild
Magnoliopsida
Apiales
Griseliniaceae
***Griselinia* G.Forst.** Ⓢ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Earp, C. 2014: (2282) Proposal to conserve the name *Griselinia* G. Forst. (Griseliniaceae) against *Griselinia* Scop. (Fabaceae). *Taxon 63(2)*: 438
***Griseliniaceae* Takht.** Ⓢ Ⓣ
Earp, C. 2013: The date of publication of the Forsters' Characteres Generum Plantarum revisited. *New Zealand Journal of Botany 51(4)*: 252-263.
Asparagales
Asparagaceae
Cordyline hectorii Colenso Ⓢ
= *Cordyline indivisa* (G.Forst.) Endl.
Asphodelaceae
***Asphodelaceae* Juss.** Ⓣ
Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses.* Cambridge University Press. 1102 p.
***Bulbinella hookeri* (Colenso ex Hook.) Mottet** Ⓢ Ⓣ
Origin: Endemic; Occurrence: Wild
Mabberley, D.J. 2018: A note on the chestnut vine and Séraphin Mottet's 'Dictionnaire Pratique d'Horticulture et Jardinage' (1892–1899). *Blumea 62*: 240-244.
***Bulbinella rossii* (Hook.f.) Mottet** Ⓢ Ⓣ
Origin: Endemic; Occurrence: Wild
Mabberley, D.J. 2018: A note on the chestnut vine and Séraphin Mottet's 'Dictionnaire Pratique d'Horticulture et Jardinage' (1892–1899). *Blumea 62*: 240-244.
***Kniphofia gracilis* Harv. ex Baker** Ⓟ Ⓢ
Origin: Exotic; Occurrence: Sometimes present
Hemerocallidaceae
***Phormium* J.R.Forst. & G.Forst.** Ⓒ
Origin: Non-endemic; Occurrence: Wild
Iridaceae
***Romulea obscura* Klatt** Ⓟ
Origin: Exotic; Occurrence: Recorded in error
Sisyrinchium "blue" ⊜ Ⓣ
= *Sisyrinchium rosulatum* E.P.Bicknell

Sisyrinchium anceps sensu New Zealand Botanists ⊖ Ⓣ
= *Sisyrinchium rosulatum* E.P.Bicknell
Sisyrinchium angustifolium sensu New Zealand Botanists ⊖ Ⓣ
= *Sisyrinchium rosulatum* E.P.Bicknell
Sisyrinchium bermudianum sensu New Zealand Botanists ⊖ Ⓣ
= *Sisyrinchium rosulatum* E.P.Bicknell

Asterales

Compositae

Brachyglottis bellidioides (Hook.f.) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis bellidioides var. *angustata* (Kirk) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis bellidioides var. *crassa* (G.Simpson & J.S.Thomson) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis bellidioides var. *orbiculata* (G.Simpson & J.S.Thomson) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis bellidioides var. *setosa* (G.Simpson & J.S.Thomson) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis haastii (Hook.f.) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
***Brachyglottis lagopus* (Raoul) B.Nord.** Ⓣ
Origin: Endemic; Occurrence: Wild
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis southlandica (Cockayne) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis southlandica var. *albidula* (Allan) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Brachyglottis traversii (F.Muell.) B.Nord. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
***Dimorphotheca* Vaill.** Ⓟ
Origin: Exotic; Occurrence: Wild
***Norlindhia* B.Nord.** ⓄⓅ⊖
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Osteospermum amplectens (Harv.) Norl. ⊖
= *Norlindhia amplectens* (Harv.) B.Nord.

Osteospermum fruticosum (L.) Norl. ⊖ Ⓣ
= *Dimorphotheca fruticosa* (L.) DC.
2009: *Systematics, Evolution and Biogeography of Compositae.*Vienna, International Association for Plant Taxonomy.
Osteospermum jucundum (E.Phillips) Norl. ⊖
= *Dimorphotheca jucunda* E.Phillips
Senecio angustatus (Kirk) Cockayne & Sledge ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides Hook.f. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides var. *angustatus* Kirk ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides var. *crassus* G.Simpson & J.S.Thomson ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides var. *glabratus* Kirk ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides var. *orbiculatus* Simpson & J.S.Thomson ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio bellidioides var. *setosus* Simpson & J.S.Thomson ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio cochlearis Simpson & J.S.Thomson ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio haastii Hook.f. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio lagopus Raoul Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio saxifragoides Hook.f. Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.
Senecio southlandicus Cockayne ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.

Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.

Senecio southlandicus var. *albidulus* Allan ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.

Senecio traversii F.Muell. ⊖ Ⓣ
= *Brachyglottis lagopus* (Raoul) B.Nord.
Millar, T.R.; Breitwieser, I.; Pelser, P.B.; Smissen, R.D. 2018: A new classification of rosette-forming *Brachyglottis* (Asteraceae: Senecioneae) recognising a single species: *Brachyglottis lagopus* . *New Zealand Journal of Botany 56(2)*: xx-xx.

Tripteris amplectens Harv. ⊖
= *Norlindhia amplectens* (Harv.) B.Nord.

Boraginales
Boraginaceae
Lithospermum arvense L. ⊖
= *Buglossoides arvensis* (L.) I.M.Johnst.

Brassicales
Cruciferae
Brassica campestris var. *oleifera* DC. ⊖
= *Brassica rapa* var. *oleifera* DC.

Brassica rapa subsp. *oleifera* (DC.) Metzg. ⊖
= *Brassica rapa* var. *oleifera* DC.

Brassica rapa subsp. *sylvestris* Janch. & Wendelb. ⊖
= *Brassica rapa* var. *oleifera* DC.

***Draba verna* L.** ⓄⓅ
Origin: Exotic; Occurrence: Wild

Caryophyllales
Aizoaceae
Aptenia N.E.Br. ⊖ Ⓣ
= *Mesembryanthemum* L.
Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classigication and uses.* Cambridge University Press. 1102 p.

Aptenia cordifolia (L.f.) Schwantes ⊖ Ⓣ
= *Mesembryanthemum cordifolium* L.f.
Klak, C.; Bruyns, P.V. 2013: A new infrageneric classification for *Mesembryanthemum* (Aizoaceae: Mesembryanthemoideae). *Bothalia 43(2)*: 197-206.

***Mesembryanthemum* 'Red Apple'** ⓈⒸ
Origin: Exotic; Occurrence: Sometimes present

Amaranthaceae
***Amaranthus blitum* L.** ⓅⓉ
Origin: Exotic; Occurrence: Wild
Webb, C.J.; Sykes, W.R.; Garnock-Jones, P.J. 1988: *Flora of New Zealand. Vol. IV. Naturalised Pteridophytes, Gymnosperms, Dicotyledons.*Christchurch, Botany Division DSIR.

Amaranthus lividus L. ⊖ Ⓣ
= *Amaranthus blitum* subsp. *oleraceus* (L.) Costea
Costea, M.; Sanders, A.; Waines, G. 2001: Notes on some little known *Amaranthus* taxa (Amaranthaceae) in the United States. *Sida 19(4)*: 975-992.

***Chenopodiastrum* S.Fuentes, Uotila & Borsch** Ⓞ
Origin: Non-endemic; Occurrence: Wild

Chenopodium ambiguum R.Br. ⊖ Ⓣ
= *Oxybasis ambigua* (R.Br.) de Lange & Mosyakin
Mosyakin, S.L.; de Lange, P.J. 2018: New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa 350(3)*: 259-273.

Chenopodium erosum R.Br. ⊖ Ⓣ
= *Chenopodiastrum erosum* (R.Br.) Uotila
Mosyakin, S.L.; de Lange, P.J. 2018: New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa 350(3)*: 259-273.

Chenopodium glaucum L.
= *Oxybasis glauca* (L.) S.Fuentes, Uotila & Borsch
Chenopodium glaucum sensu A.Cunn. ⊖
= *Oxybasis ambigua* (R.Br.) de Lange & Mosyakin
Chenopodium glaucum subsp. *ambiguum* (R.Br.) Murr & Thell. ⊖ Ⓣ
= *Oxybasis ambigua* (R.Br.) de Lange & Mosyakin
Mosyakin, S.L.; de Lange, P.J. 2018: New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa 350(3)*: 259-273.
Oxybasis erosa (R.Br.) Mosyakin ⊖ Ⓣ
= *Chenopodiastrum erosum* (R.Br.) Uotila
Mosyakin, S.L.; de Lange, P.J. 2018: New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa 350(3)*: 259-273.
***Oxybasis glauca* (L.) S.Fuentes, Uotila & Borsch** ⓄⓅ
Origin: Exotic; Occurrence: Absent
Oxybasis glauca subsp. *ambigua* (R.Br.) Mosyakin ⊖ Ⓣ
= *Oxybasis ambigua* (R.Br.) de Lange & Mosyakin
Mosyakin, S.L.; de Lange, P.J. 2018: New combinations for three taxa of the *Oxybasis glauca* aggregate (Chenopodiaceae) from Australasia, East Asia, and South America. *Phytotaxa 350(3)*: 259-273.
Caryophyllaceae
Silene vulgaris subsp. *maritima* (With.) Á.Löve & D.Löve ⊖ Ⓣ
= *Silene uniflora* Roth
Runyeon, H.; Prentice, H.C. 1997: Genetic differentiation in the Bladder campions, *Silene vulgaris* and *S. uniflora* (Caryophyllaceae), in Sweden. *Biological Journal of the Linnean Society 61*: 559-584.
Ericales
Actinidiaceae
***Actinidia* Lindl.** Ⓣ
Origin: Exotic; Occurrence: Wild
Huang, H.W. 2014: *Kiwifruit: The genus Actinidia.*Beijing, Science Press.
***Actinidia callosa* Lindl.** Ⓣ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Huang, H.W. 2014: *Kiwifruit: The genus Actinidia.*Beijing, Science Press.
***Actinidia chinensis* Planch.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Huang, H.W. 2014: *Kiwifruit: The genus Actinidia.*Beijing, Science Press.
Actinidia chinensis* Planch. var. *chinensis ⓄⓅ⊖ Ⓣ
Origin: Exotic; Occurrence: Wild
Huang, H.W. 2014: *Kiwifruit: The genus Actinidia.*Beijing, Science Press.
***Actinidia chinensis* var. *deliciosa* A.Chev.** ⓄⓅ⊖ Ⓣ
Origin: Exotic; Occurrence: Wild
Li, X-W; Li, J-Q; Soejarto, D.D. 2007: New synonyms in Actinidiaceae from China. *Acta Phytotaxonomica Sinica 45(5)*: 633-660.
***Actinidia chinensis* var. *hispida* C.F. Liang** ⊖ Ⓣ
Li, X-W; Li, J-Q; Soejarto, D.D. 2007: New synonyms in Actinidiaceae from China. *Acta Phytotaxonomica Sinica 45(5)*: 633-660.
Actinidia deliciosa (A.Chev.) C.F.Liang & A.R.Ferguson ⊖ Ⓣ
= *Actinidia chinensis* var. *deliciosa* A.Chev.
Huang, H.W. 2014: *Kiwifruit: The genus Actinidia.*Beijing, Science Press.
***Actinidia eriantha* Benth.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Li, X-W; Li, J-Q; Soejarto, D.D. 2007: New synonyms in Actinidiaceae from China. *Acta Phytotaxonomica Sinica 45(5)*: 633-660.
Fabales
Leguminosae
***Senna didymobotrya* (Fresen.) H.S.Irwin & Barneby** Ⓢ
Origin: Exotic; Occurrence: Sometimes present
Gentianales
Apocynaceae
Dipladenia boliviensis J.J.Veitch Ⓢ
= *Mandevilla boliviensis* (J.J.Veitch) Woodson

***Mandevilla boliviensis* (J.J.Veitch) Woodson** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Lamiales

Acanthaceae

***Odontonema* Nees** ⒶⓅ
Origin: Exotic; Occurrence: Sometimes present

Labiatae

Teucridium Hook.f. ⊖ Ⓣ
= *Teucrium* L.
Salmaki, Y.; Kattari, S.; Heubl, G.; Bräuchler, C. 2016: Phylogeny of non-monophyletic *Teucrium* (Lamiaceae: Ajugoideae): Implications for character evolution and taxonomy. *Taxon 65(4)*: 805-822.

Teucridium parvifolium Hook.f. ⊖ Ⓣ
= *Teucrium parvifolium* (Hook.f.) Kattari & Salmaki
Salmaki, Y.; Kattari, S.; Heubl, G.; Bräuchler, C. 2016: Phylogeny of non-monophyletic *Teucrium* (Lamiaceae: Ajugoideae): Implications for character evolution and taxonomy. *Taxon 65(4)*: 805-822.

Teucridium parvifolium f. *luxurians* (Cheeseman) Moldenke ⊖ Ⓣ
= *Teucrium parvifolium* (Hook.f.) Kattari & Salmaki

Teucridium parvifolium Hook.f. f. *parvifolium* ⊖ Ⓣ
= *Teucrium parvifolium* (Hook.f.) Kattari & Salmaki

Teucridium parvifolium var. *luxurians* Cheeseman ⊖ Ⓣ
= *Teucrium parvifolium* (Hook.f.) Kattari & Salmaki

Teucridium parvifolium Hook.f. var. *parvifolium* ⊖ Ⓣ
= *Teucrium parvifolium* (Hook.f.) Kattari & Salmaki

Liliales

Colchicaceae

***Wurmbea stricta* (Burm.f.) J.C.Manning & Vinn.** Ⓟ
Origin: Exotic; Occurrence: Sometimes present

Malpighiales

Euphorbiaceae

***Homalanthus polyandrus* (Müll.Arg.) G.Nicholson** ⓈⓉ
Origin: Endemic; Occurrence: Wild
Mabberley, D.J. 2018: A note on the chestnut vine and Séraphin Mottet's 'Dictionnaire Pratique d'Horticulture et Jardinage' (1892–1899). *Blumea 62*: 240-244.

Salicaceae

***Salix atrocinerea* Brot.** ⓄⓅ⊖ Ⓣ
Origin: Exotic; Occurrence: Wild

Salix cinerea subsp. *oleifolia* (Sm.) Macreight ⊖ Ⓣ
= *Salix atrocinerea* Brot.

Salix cinerea var. *atrocinerea* (Brot.) O.Bolòs & Vigo ⊖
= *Salix atrocinerea* Brot.

Salix oleifolia Sm. ⊖
= *Salix atrocinerea* Brot.

Violaceae

***Viola ×wittrockiana* Gams ex Nauenburg & Buttler** Ⓢ
Origin: Exotic; Occurrence: Wild

Malvales

Malvaceae

***Abutilon indicum* (L.) Sweet** Ⓟ
Origin: Exotic; Occurrence: Sometimes present

Poales

Gramineae

***Bromus valdivianus* Phil.** ⊖
Origin: Exotic; Occurrence: Wild

Festuca rubra var. *commutata* Gaudin ⊖ Ⓣ
= *Festuca rubra* subsp. *commutata* Gaudin
Edgar, E.; Connor, H.E. 2010: *Flora of New Zealand Volume V Grasses.* Manaaki Whenua Press. 673 p.

Spartina Schreb. ⊖ Ⓣ
= *Sporobolus* R.Br.
Peterson, P.M.; Romaschenko, K.; Arrieta, Y.H.; Saarela, J.M. 2014: A molecular phylogeny and new subgeneric classification of *Sporobolus* (Poaceae: Chloridoideae: Sporobolinae). *Taxon 63(6)*: 1212-1243.

Spartina alterniflora Loisel. ⊖ Ⓣ
= *Sporobolus alterniflorus* (Loisel.) P.M.Peterson & Saarela
Peterson, P.M.; Romaschenko, K.; Arrieta, Y.H.; Saarela, J.M. 2014: A molecular phylogeny and new subgeneric classification of *Sporobolus* (Poaceae: Chloridoideae: Sporobolinae). *Taxon 63(6)*: 1212-1243.
Spartina anglica C.E.Hubb. ⊖ Ⓣ
= *Sporobolus anglicus* (C.E.Hubb.) P.M.Peterson & Saarela
Peterson, P.M.; Romaschenko, K.; Arrieta, Y.H.; Saarela, J.M. 2014: A molecular phylogeny and new subgeneric classification of *Sporobolus* (Poaceae: Chloridoideae: Sporobolinae). *Taxon 63(6)*: 1212-1243.
Spartina townsendii H.Groves & J.Groves ⊖ Ⓣ
= *Sporobolus ×townsendii* (H.Groves & J.Groves) P.M.Peterson & Saarela
Peterson, P.M.; Romaschenko, K.; Arrieta, Y.H.; Saarela, J.M. 2014: A molecular phylogeny and new subgeneric classification of *Sporobolus* (Poaceae: Chloridoideae: Sporobolinae). *Taxon 63(6)*: 1212-1243.
Spartina ×townsendii H.Groves & J.Groves ⊖
= *Sporobolus ×townsendii* (H.Groves & J.Groves) P.M.Peterson & Saarela
***Sporobolus* R.Br.** Ⓣ
Origin: Exotic; Occurrence: Wild
Peterson, P.M.; Romaschenko, K.; Arrieta, Y.H.; Saarela, J.M. 2014: A molecular phylogeny and new subgeneric classification of *Sporobolus* (Poaceae: Chloridoideae: Sporobolinae). *Taxon 63(6)*: 1212-1243.
Ranunculales
Ranunculaceae
Anemone tenuicaulis (Cheeseman) Parkin & Sledge ⊖ Ⓣ
= *Anemonastrum tenuicaule* (Cheeseman) de Lange & Mosyakin
Mosyakin, S.L.; de Lange, P.J. 2018: *Anemonastrum tenuicaule* and *A. antucense* (Ranunculaceae), new combinations for a New Zealand endemic species and its South American relative. *PhytoKeys 99*: 107-124.
Ranunculus tenuicaulis Cheeseman ⊖ Ⓣ
= *Anemonastrum tenuicaule* (Cheeseman) de Lange & Mosyakin
Mosyakin, S.L.; de Lange, P.J. 2018: *Anemonastrum tenuicaule* and *A. antucense* (Ranunculaceae), new combinations for a New Zealand endemic species and its South American relative. *PhytoKeys 99*: 107-124.
Rosales
Rosaceae
***Potentilla norvegica* L.** Ⓢ
Origin: Exotic; Occurrence: Sometimes present
Marchantiopsida
Lunulariales
Lunulariaceae
***Lunulariaceae* H.Klinggr.** Ⓢ
Origin: Exotic; Occurrence: Wild
Polypodiopsida
Polypodiales
Aspleniaceae
Asplenium australe (R.Br.) Brack. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
Asplenium brownii J.Sm. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
Asplenium umbrosum var. *multifidum* Dobbie Ⓣ
= *Deparia petersenii* subsp. *congrua* (Brack.) M.Kato
Asplenium umbrosum var. *tenuifolium* Kirk Ⓣ
= *Deparia petersenii* subsp. *congrua* (Brack.) M.Kato
Athyriaceae
***Anisogonium* C.Presl** ⒶⓈ
Occurrence: Absent
Anisogonium esculentum (Retz.) C.Presl ⒶⓈ
= *Diplazium esculentum* (Retz.) Sw.
***Athyriaceae* Alston** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Athyrium* Roth** Ⓣ
Origin: Exotic; Occurrence: Wild

Athyrium australe (R.Br.) C.Presl Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
Athyrium brownii (J.Sm.) J.Sm. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
***Athyrium filix-femina* (L.) Roth** Ⓣ
Origin: Exotic; Occurrence: Wild
Athyrium nipponicolum Ohwi ⒶⓈ
= *Diplazium nipponicum* Tagawa
***Athyrium otophorum* (Miq.) Koidz.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Athyrium umbrosum subsp. *australe* (R.Br.) C.Chr. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
Athyrium umbrosum var. *australe* (R.Br.) Domin Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
***Deparia* Hook. & Grev.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Deparia petersenii* (Kunze) M.Kato** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Deparia petersenii* subsp. *congrua* (Brack.) M.Kato** ⓄⓉ
Origin: Uncertain; Occurrence: Wild
Brownsey, P.J.; Perrie, L.R.2018: Athyriaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
Deparia tenuifolia (Kirk) M.Kato Ⓣ
= *Deparia petersenii* subsp. *congrua* (Brack.) M.Kato
***Diplazium* Sw.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Diplazium australe* (R.Br.) N.A.Wakef.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Diplazium congruum Brack. Ⓣ
= *Deparia petersenii* subsp. *congrua* (Brack.) M.Kato
***Diplazium esculentum* (Retz.) Sw.** ⓅⓉ
Origin: Exotic; Occurrence: Sometimes present
Brownsey, P.J.; Perrie, L.R.2018: Athyriaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
***Diplazium nipponicum* Tagawa** ⒶⓉ
Origin: Exotic; Occurrence: Sometimes present

Blechnaceae
Cranfillia glabrescens (T.C.Chambers & Sykes) Gasper & V.A.O.Dittrich ⊖ Ⓣ
= *Blechnum glabrescens* T.C.Chambers & Sykes

Cystopteridaceae
***Cystopteridaceae* (Payer) Shmakov** ⓄⓅⓉ
Origin: Non-endemic; Occurrence: Wild
***Cystopteris* Bernh.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Cystopteris fragilis* (L.) Bernh.** Ⓣ
Origin: Exotic; Occurrence: Wild
Cystopteris fragilis var. *tasmanica* (Hook.) Hook.f. ⒸⓉ
= *Cystopteris tasmanica* Hook.
Cystopteris laciniatus Colenso Ⓣ
= *Cystopteris fragilis* (L.) Bernh.
Cystopteris novae-zealandiae J.B.Armstr. Ⓣ
= *Cystopteris tasmanica* Hook.
***Cystopteris tasmanica* Hook.** Ⓣ
Origin: Non-endemic; Occurrence: Wild

Davalliaceae
***Davallia canariensis* (L.) Sm.** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Dryopteridaceae
Allantodia australis R.Br. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.
Allantodia nipponica (Tagawa) Ching ⒶⓈ
= *Diplazium nipponicum* Tagawa
Allantodia tenera R.Br. Ⓣ
= *Diplazium australe* (R.Br.) N.A.Wakef.

Polypodiaceae

Polypodium filix-femina L. Ⓣ

= *Athyrium filix-femina* (L.) Roth

Polypodium fragile L. Ⓣ

= *Cystopteris fragilis* (L.) Bernh.

Polypodium rugosulum subsp. *rufobarbata* (Colenso) Schwartsb. Ⓢ

= *Hypolepis rufobarbata* (Colenso) N.A.Wakef.


Manaaki
Whenua
PRESS