



Plant Names Database: Quarterly changes

4 March 2024



LANDCARE RESEARCH
MANAAKI WENUA

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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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Taxonomic and nomenclature research and review: Schönberger, Gibb, Wilton, Breitwieser, Ford, Glenny, Novis, Redmond, Smissen

Information System development: Wilton, De Pauw, Cochrane

Technical support: Boardman, Korver, Redmond, Tawiri

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 24 December 2023 and 3 March 2024.

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).

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Index of changes for Ascomycetes

Merges or Deletions

Mastodia tessellata 9

Preferred Name change

Arthonia obtusula 9

Arthonia pellucida 9

Bullatina microcarpa 9

Lecanora cyamidia 9

Lecanora ochrotropa 9

Lecidea glaucomaria 9

Lecidea hypomelina 9

Leptogium dendroides 9

Lichen dactylinus 10

Megalospora dispersa 9

Pseudocyphellaria coerulescens 10

Pseudocyphellaria flavicans 10

Toninia caeruleonigricans 9

Biostatus change

Bullatina 9

Classification change

Sticta durvillei var. colensoi 10

Sticta durvillei var. pinnatifida 10

Taxonomy Article change

Arthonia obtusula 9

Arthonia pellucida 9

Bullatina microcarpa 9

Calenia 9

Calenia microcarpa 9

Gyalectidium microcarpum 9

Lecidea glaucomaria 9

Lecidea hypomelina 9

Leptogium dendroides 9

Lichen dactylinus 10

Megalospora dispersa 9

Pseudocyphellaria coerulescens 10

Pseudocyphellaria flavicans 10

Sticta durvillei var. pinnatifida 10

Toninia caeruleonigricans 9

Spelling change

Arthonia glaucomaria 9

Pseudocyphellaria coerulescens 10

Sticta durvillei var. colensoi 10

Sticta durvillei var. pinnatifida 10

Index of changes for Bryatae

Preferred Name change

Leptotrichum cylindricum	10
Phascum sect. Leptophascum	10
Webera nutans var. longiseta	10

Taxonomy Article change

Phascum sect. Leptophascum	10
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Spelling change

Leptotrichum cylindricum	10
Webera nutans var. longiseta	10

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Preferred Name change

Ammophila	16
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Caesalpinia decapetala	14
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Oxalis corniculata var. atropurpurea	15
Oxalis corniculata var. ciliifera	15
Oxalis corniculata var. corniculata	15
Oxalis corniculata var. corniculata	15
Oxalis corniculata var. preissiana	15
Oxalis corniculata var. repens	16
Oxalis preissiana	16
Oxalis repens	16
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Plantago triantha	15
Pueraria montana	14
Raphanus sativus	14

Biostatus change

Carica	14
Elaeagnus xsubmacrophylla	17
Juncus ranarius	16
Phytolacca dioica	14
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Salix xsepulcralis	15
Wedelia	14
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Taxonomy Article change

Ammophila	16
Ammophila arenaria	16
Calamagrostis	16
Dolichos lobatus	14
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Elaeagnus angustifolia	16
Elaeagnus angustifolia var. orientalis	16
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Juncus ambiguus	16
Juncus ranarius	16
Oxalis corniculata f. rubrifolia	15
Oxalis corniculata f. tropaeoloides	15
Oxalis corniculata subsp. corniculata	15
Oxalis corniculata var. atropurpurea	15
Oxalis corniculata var. ciliifera	15
Oxalis corniculata var. corniculata	15
Oxalis corniculata var. corniculata	15
Oxalis corniculata var. repens	16
Oxalis repens	16
Plantago brownii	15

Plantago triantha	15
Pueraria lobata	14
Pueraria montana var. lobata	14
Pueraria thunbergiana	15
Pueraria triloba	15
Raphanus raphanistrum	14
Raphanus sativus	14
Salix cinerea	15

Spelling change

Akebia quinata	16
Cestrum parqui	17
Crocsmia xcrocsmiiflora	14
Fagaceae subfamily Nothofagoideae	15
Ficus rubiginosa	17
Hakea gibbosa	16
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Hedychium gardnerianum	17
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Roldana petasitis	14
Syzygium australe	15
Zizania latifolia	16

Index of changes for Polypodiopsida

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 the presence (occurrence) information; ⊕: a change in the taxonomic article; ⊖: a change to the preferred name; ⊙: a change to the classification (direct parent)

Ascomycetes

Gomphillaceae

Bullatina Vězda & Poelt ⊕

Occurrence: Absent

Bullatina microcarpa (Vězda) Brusse ⊖ ⊕

= ***Gyalectidium microcarpum* (Vězda) Lücking, Sérus. & Vězda**

Ferraro, L.I.; Lücking, R.; Sérusiaux, E. 2001: A world monograph of the lichen genus *Gyalectidium* (Gomphillaceae). *Botanical Journal of the Linnean Society* 137(3): 311-345.

Calenia Müll.Arg. ⊕

Origin: Non-endemic; Occurrence: Wild

Calenia microcarpa Vězda ⊕

= ***Gyalectidium microcarpum* (Vězda) Lücking, Sérus. & Vězda**

Ferraro, L.I.; Lücking, R.; Sérusiaux, E. 2001: A world monograph of the lichen genus *Gyalectidium* (Gomphillaceae). *Botanical Journal of the Linnean Society* 137(3): 311-345.

***Gyalectidium microcarpum* (Vězda) Lücking, Sérus. & Vězda** ⊕

Origin: Non-endemic; Occurrence: Wild

Ferraro, L.I.; Lücking, R.; Sérusiaux, E. 2001: A world monograph of the lichen genus *Gyalectidium* (Gomphillaceae). *Botanical Journal of the Linnean Society* 137(3): 311-345.

Mastodiaceae

Mastodia tessellata auct. ⊖

Arthoniales

Arthoniaceae

Arthonia glaucomaria Nyl. ⊙

= ***Arthonia varians* (Davies) Nyl.**

Arthonia obtusula Nyl. ⊖ ⊕

= ***Arthothelium ampliatum* (C.Knight & Mitt.) Müll.Arg.**

Arthonia pellucida C.Knight ⊖ ⊕

= ***Arthothelium ampliatum* (C.Knight & Mitt.) Müll.Arg.**

Lecanorales

Catillariaceae

Toninia caeruleonigricans sensu auct. non (Lightf.) Th.Fr. ⊖ ⊕

= ***Thalloidima sedifolium* (Scop.) Kistenich, Timdal, Bendiksby & S.Ekman**

Collemataceae

Leptogium dendroides Nyl. ⊖ ⊕

= ***Sticta dendroides* (Nyl.) Moncada, Lücking & de Lange**

Ranft, H.; Moncala, B.; de Lange, P.J.; Lumbsch, H.T.; Lücking, R. 2018: The *Sticta filix* morphodeme (Ascomycota: Lobariaceae) in New Zealand with the newly recognized species *S. dendroides* and *S. menziesii*: indicators of forest health in a threatened island biota?. *The Lichenologist* 50(2): 185-210.

Lecanoraceae

Lecanora cyamidia Stirt. ⊖

= ***Loxospora cyamidia* (Stirt.) Kantvilas**

Lecanora ochrotropa Zahlbr. ⊖

= ***Loxospora cyamidia* (Stirt.) Kantvilas**

Lecideaceae

Lecidea glaucomaria Nyl. ⊖ ⊕

= ***Phacographa glaucomaria* (Nyl.) Hafellner**

Lecidea hypomelina Stirt. ⊖ ⊕

= ***Mycoblastus dissimulans* (Nyl.) Zahlbr.**

Kantvilas, G. 2009: The genus *Mycoblastus* in the cool temperate Southern Hemisphere, with special reference to Tasmania. *The Lichenologist* 41: 151-178.

Megalosporaceae

Megalospora dispersa C.Knight ⊖ ⊕

= ***Mycoblastus dispersus* (C.Knight) Kantvilas**

Kantvilas, G. 2009: The genus *Mycoblastus* in the cool temperate Southern Hemisphere, with special reference to Tasmania. *The Lichenologist* 41: 151-178.

Parmeliaceae

Lichen dactylinus Ach. ⊖ ⊕

= ***Lepra dactylina* (Ach.) Hafellner**

Peltigerales

Lobariaceae

Pseudocyphellaria coerulescens sensu Galloway ⊕ ⊖ ⊕

= ***Podostictina jamesii* (D.J.Galloway) de Lange & D.J.Galloway**

Pseudocyphellaria flavicans sensu Galloway ⊖ ⊕

= ***Podostictina pickeringii* (Tuck.) Moncada & Lücking**

Sticta durvillei var. *colensoi* (C.Bab.) Nyl. ⊕ ⊙

= ***Yarrumia colensoi* (C.Bab.) D.J.Galloway**

Sticta durvillei var. *pinnatifida* (C.Bab.) Stizenb. ⊕ ⊙ ⊕

= ***Yarrumia colensoi* (C.Bab.) D.J.Galloway**

Bryatae

Leptotrichum cylindricum (Hedw.) Venturi & Bott. ⊕ ⊖

= ***Trichodon cylindricus* (Hedw.) Schimp.**

Phascum (*Leptophascum*) Müll.Hal. ⊖ ⊕

= ***Chenia* R.H.Zander**

Webera nutans var. *longisetata* (Brid.) Huebener ⊕ ⊖

= ***Pohlia nutans* (Hedw.) Lindb.**

Bryopsida

Bryales

Mielichhoferiaceae

Pohlia albicans Lindb. ⊕

= ***Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews**

Fife, A.J.2020: Mielichhoferiaceae. In : *Flora of New Zealand – Mosses*;

Dicranales

Dicranaceae

Dicranum diaphanoneuron Hampe & Müll.Hal. ⊖

= ***Dicranoloma diaphanoneuron* (Hampe & Müll.Hal.) Paris**

Dicranum walkeri R.Br.bis ex Dixon ⊖ ⊕

= ***Blindia robusta* Hampe**

Leucobryaceae

Leucobryum interruptum Müll.Hal. ⊖

= ***Leucobryum javense* (Brid.) Mitt.**

Leucobryum vulgare Hampe

= ***Leucobryum glaucum* (Hedw.) Ångstr.**

Grimmiales

Grimmiaceae

Grimmia affinis Hornsch. ⊕

= ***Grimmia longirostris* Hook.**

Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.

***Grimmia anodon* Bruch & Schimp.** ⊕

Origin: Non-endemic; Occurrence: Wild

Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.

***Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra** ⊕

Origin: Endemic; Occurrence: Wild

Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.

Grimmia bellii R.Br.bis ⊕

= ***Grimmia laevigata* (Brid.) Brid.**

Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.

Grimmia buchananii Stirt. ⊖

= **unknown**

***Grimmia caespiticia* (Brid.) Jur.** ⊕

Occurrence: Absent

Grimmia campestris Burch. ex Hook. ⊕

= ***Grimmia laevigata* (Brid.) Brid.**

- Muñoz, J. and Pando, F. 2000: A world synopsis of the genus *Grimmia* (Musci, Grimmiaceae). *Monographs in Systematic Botany from the Missouri Botanical Garden* 83: 1-133.
- Grimmia cockaynei* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Grimmia finitima* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Grimmia flexifolia* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Grimmia immersa* Ochyra ①
= ***Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra**
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia incrassicapsulis* B.G.Bell** ①
Origin: Non-endemic; Occurrence: Wild
- Grimmia kaikouraensis* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Grimmia laevigata* (Brid.) Brid.** ①
Origin: Non-endemic; Occurrence: Wild
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia longirostris* Hook.** ①
Origin: Non-endemic; Occurrence: Wild
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia perpilosa* Ochyra ①
= ***Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra**
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia petriei* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
Muñoz, J. and Pando, F. 2000: A world synopsis of the genus *Grimmia* (Musci, Grimmiaceae). *Monographs in Systematic Botany from the Missouri Botanical Garden* 83: 1-133.
- Grimmia plagiopodia* Hedw.** ①
Origin: Non-endemic; Occurrence: Wild
Greven, H.C. 1998: Synopsis of *Grimmia* Hedw. in New Zealand, including *Grimmia wilsonii* sp. nov.. *Journal of Bryology* 20: 389-402.
- Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson** ①
Origin: Non-endemic; Occurrence: Wild
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia reflexidens* Müll.Hal.** ①
Origin: Non-endemic; Occurrence: Wild
Muñoz, J. and Pando, F. 2000: A world synopsis of the genus *Grimmia* (Musci, Grimmiaceae). *Monographs in Systematic Botany from the Missouri Botanical Garden* 83: 1-133.
- Grimmia stevensii* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Grimmia trichophylla* var. *nigra* R.Br.bis ① ⊖
= ***Grimmia longirostris* Hook.**
Greven, H.C. 2000: Synopsis of *Grimmia* Hedw. in Australia. *Journal of Bryology* 22: 217-222.
- Grimmia versabilis* R.Br.bis ①
= ***Grimmia trichophylla* Grev.**
- Schistidium* Brid. ① ⊖
= ***Grimmia* Hedw.**
- Schistidium apocarpum* (Hedw.) Bruch & Schimp.** ②
Origin: Non-endemic; Occurrence: Wild
- Schistidium aquaticum* Ochyra ②
= ***Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife**
- Schistidium rivulare* (Brid.) Podp.** ②
Origin: Non-endemic; Occurrence: Wild

- Schistidium subflexifolium* (Müll.Hal.) Ochyra ☉
= ***Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife**
- Hookeriales
- Daltoniaceae
- Daltonia nervosa* Hook.f. & Wilson ☹
- = ***Cryphaea nervosa* (Hook.f. & Wilson)**
- Distichophyllum amblyophyllum* (Hook.f. & Wilson) Mitt. ☹
- = ***Distichophyllum pulchellum* (Hampe) Mitt.**
- Fife, A.J.2017: Daltoniaceae. In : *Flora of New Zealand – Mosses*;
- Hookeriaceae
- Hookeria karsteniana* Broth. & Geh. ☹ ☹
- = ***Cyclodictyon blumeum* (Müll.Hal.) Kuntze**
- Streimann, H. 1997: Taxonomic studies on Australian Hookeriaceae (Musci). 1. Introduction, and the genera *Achrophyllum*, *Callicostella*, *Chaetomitrium* and *Cyclodictyon*. *Journal of the Hattori Botanical Laboratory* 82: 281-304.
- Hookeria lepida* Mitt. ☹ ☹
- = ***Cyclodictyon blumeum* (Müll.Hal.) Kuntze**
- Streimann, H. 1997: Taxonomic studies on Australian Hookeriaceae (Musci). 1. Introduction, and the genera *Achrophyllum*, *Callicostella*, *Chaetomitrium* and *Cyclodictyon*. *Journal of the Hattori Botanical Laboratory* 82: 281-304.
- Hypnales
- Brachytheciaceae
- Eriodon* Mont. ☹ ☹
- = ***Rhynchostegium* Schimp.**
- Eriodon conostomus* Mont. ☹ ☹
- = ***Rhynchostegium conostomum* (Mont.) Huttenen & Ignatov**
- Huttenen, S.; Ignatov, M.S. 2010: Evolution and taxonomy of aquatic species in the genus *Rhynchostegium* (Brachytheciaceae, Bryophyta). *Taxon* 59(3): 791-808.
- Eriodon cylindritheca* (Dixon) Dixon & Sainsbury ☹ ☹
- = ***Rhynchostegium cylindritheca* Dixon**
- Rhynchostegium cylindritheca* Dixon** ☹ ☹ ☹ ☹
- Origin: Non-endemic; Occurrence: Wild
- Ignatov, M.S.; Huttenen, S 2010: (1936) Proposal to conserve the name *Rhynchostegium* against *Eriodon* (Bryophyta: Brachytheciaceae). *Taxon* 59(3): 973
- Scleropodium touretii* (Brid.) L.F.Koch** ☹
- Origin: Exotic; Occurrence: Wild
- Fife, A.J.2020: Brachytheciaceae. In : *Flora of New Zealand – Mosses*;
- Echinodiaceae
- Echinodium hispidum* var. *glaucoviride* (Mitt.) Dixon ☹ ☹
- = ***Echinodium umbrosum* (Mitt.) A.Jaeger**
- Leskeaceae
- Leskea rotulatum* Hedw. ☹
- = **unknown**
- Hypnodendrales
- Hypnodendraceae
- Hypnodendron menziesii* (Hook.) Broth. ☹
- Orthotrichales
- Orthotrichaceae
- Orthotrichum (Coleochaetium)* Besch. ☹
- = ***Leiomitrium* Mitt.**
- Pottiales
- Pottiaceae
- Cinclidotus australis* Dixon ☹
- = ***Tridontium tasmanicum* Hook.f.**
- Didymodon ceratodonteus* (Müll.Hal.) Dixon ☹
- = ***Geheebia [new combination]* (Müll.Hal.) J.E.Beever, comb. nov.**
- Gymnostomum knightii* Schimp. ex Knight ☹
- = ***Geheebia [new combination]* (Müll.Hal.) J.E.Beever, comb. nov.**
- Pottia ceratodonteae* Müll.Hal. ☹ ☹
- = ***Geheebia [new combination]* comb. nov. (Müll.Hal.) J.E.Beever**
- Beever, J.E.2024: Pottiaceae subfamily Barbuloideae. In : *Flora of New Zealand – Mosses*;
- Barbuloideae** Hilp. ☹
- Origin: Non-endemic; Occurrence: Wild

- Merceoideae** ☉
Origin: Non-endemic; Occurrence: Wild
- Pottioideae** ☉
Origin: Non-endemic; Occurrence: Wild
- Trichostomoideae** ☉
Origin: Non-endemic; Occurrence: Wild
- Syntrichia lithophila (Dusén) Ochyra & R.H.Zander** ☉Ⓟ
Occurrence: Absent
- Tortula abruptinervis* Dixon ☉Ⓟ
= **Syntrichia abruptinervis (Dixon) R.H. Zander ex Ochyra, Saługa & Ronikier**
Ochyra, R., Saługa, M.; Ronikier, M. 2022: Taxonomic and nomenclatural novelties in *Syntrichia* (Bryophyta: Pottiaceae), with reinstatement of an endemic continental Antarctic species. *Plant and Fungal Systematics* 67(2): 40-44.
- Tortula willisiana* R.H.Zander ☉
= **Tortula splachnoides (Hornsch.) R.H.Zander**
- Weissia acutifolia (H.Philib.) Kindb.** ☉
Occurrence: Absent
- Jungermanniopsida
Jungermanniales
Jungermanniaceae
Jamesoniella sonderi Steph. ☉
Jamesoniella sonderi (Gottsche) Steph. ☉Ⓟ
= **Syzygiella sonderi (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs**
- Jungermannia byssacea* Roth Ⓟ
= **Cephaloziella divaricata (Sm.) Schiffn.**
- Mesophylla tasmanica* (Hook.f. & Taylor) Trevis. ☉Ⓟ
= **Syzygiella tasmanica (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs**
- Lepidolaenaceae
Jubulopsidoideae Hamlin ☉☉Ⓟ
= **Lepidolaenaceae Nakai**
- Lepidoziaceae
Kurzia quadriseta Grolle var. *quadriseta* ☉
= **Kurzia pallescens Grolle**
- Lepidozia patentissima* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees ☉Ⓟ
= **Neolepidozia patentissima (Hook.f. & Taylor) E.D.Cooper**
- Neogrolleioideae* R.M.Schust. ☉
= **Neogrolleaceae (R.M.Schust.) J.J.Engel & Braggins**
- Telaranea centipes* sensu Hamlin ☉
= **Ceramanus tuberifera (J.J.Engel & R.M.Schust.) E.D.Cooper**
- Lophocoleaceae
Lophocolea bidentata (L.) Dumort. ☉Ⓟ
= **unknown**
Glenny, D. 1998: A revised checklist of New Zealand liverworts and hornworts. *Tuhinga, Records of the Museum of New Zealand Te Papa Tongarewa* 10: 119-149.
- Pseudolepicoleaceae
Castanoclobos J.J.Engel & Glenny ☉
Origin: Endemic; Occurrence: Wild
- Castanoclobos julaceus (J.J.Engel) J.J.Engel & Glenny** ☉
Origin: Endemic; Occurrence: Wild
- Scapaniaceae
Blepharidophylloideae R.M.Schust. ☉
= **Blepharidophyllaceae (R.M.Schust.) J.J.Engel**
- Metzgeriales
Aneuraceae
Verdoornia R.M.Schust. ☉
Origin: Endemic; Occurrence: Wild
- Porellales
Lejeuneaceae
Austrolejeunea hamata (Grolle) Pócs ☉
= **Siphonolejeunea hamata (Grolle) M.A.M.Renner**
- Austrolejeunea papillosa* (Glenny) Pócs ☉
= **Siphonolejeunea papillosa (Glenny) M.A.M.Renner**
- Euosmolejeunea* (Spruce) Steph. ☉☉
= **Cheilolejeunea (Spruce) Steph.**

- Nephelolejeunea* Grolle ☹️ ①
 = ***Siphonolejeunea* Herzog**
 Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany* 33(3): 311-326.
- Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner** ②
 Origin: Endemic; Occurrence: Wild
- Radulaceae
- Radula compacta* Castle** ☹️ ①
 Origin: Non-endemic; Occurrence: Wild
 Renner, M.A.M. 2005: Additions to the *Radula* (Radulaceae: Hepaticae) Floras of New Zealand and Tasmania.. *Journal of the Hattori Botanical Laboratory* 97: 39-79.
- Magnoliopsida
- Asparagales
- Iridaceae
- Crocasmia xrocosmiiflora* (Lemoine) N.E.Br.** ③
 Origin: Exotic; Occurrence: Wild
- Asterales
- Compositae
- Roldana petasitis* (Sims) H.Rob. & Brettell** ③
 Origin: Exotic; Occurrence: Wild
- Wedelia* Jacq.** ④
 Origin: Exotic; Occurrence: Uncertain
- Wedelia glauca* (Ortega) S.F.Blake** ④
 Origin: Exotic; Occurrence: Uncertain
- Menyanthaceae
- Nymphoides xmontana* Aston** ⑤
 Origin: Exotic; Occurrence: Wild
- Brassicales
- Caricaceae
- Carica* L.** ⑥
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Cruciferae
- Raphanus raphanistrum* L.** ①
 Origin: Exotic; Occurrence: Wild
- Raphanus sativus* L. ☹️ ①
 = ***Raphanus raphanistrum* subsp. *sativus* (L.) Domin**
- Caryophyllales
- Phytolaccaceae
- Phytolacca dioica* L.** ⑦
 Origin: Exotic; Occurrence: Sometimes present
- Fabales
- Leguminosae
- Caesalpinia decapetala* (Roth) Alston ☹️
 = ***Biancaea decapetala* (Roth) O.Deg.**
- Dolichos lobatus* Willd. ①
 = ***Pueraria lobata* (Willd.) Ohwi**
 Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Dolichos montanus* Lour. ☹️
 = ***Pueraria montana* (Lour.) Merr.**
- Dolichos trilobus* Houtt. ①
 = ***Pueraria lobata* (Willd.) Ohwi**
 Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Pueraria lobata* (Willd.) Ohwi** ①
 Origin: Exotic; Occurrence: Sometimes present
 Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Pueraria montana* (Lour.) Merr.** ☹️
Pueraria montana var. *lobata* (Willd.) Maesen & S.M.Almeida ex Sanjappa & Predeep ①
 = ***Pueraria lobata* (Willd.) Ohwi**

- Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Pueraria thunbergiana* Benth. ①
 = ***Pueraria lobata* (Willd.) Ohwi**
 Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Pueraria triloba* (Houtt.) Makino ①
 = ***Pueraria lobata* (Willd.) Ohwi**
 Adolfo, L.M.; Rao, X.; Dixon, R.A. 2022: Identification of *Pueraria* spp. through DNA barcoding and comparative transcriptomics. *BioMed Central Evolutionary Biology* 22(10): 1-18 (online).
- Fagales
 Fagaceae
Nothofagoideae P.L.Wang & F.T.Pu ⑤
 = ***Nothofagaceae* Kuprian.**
- Lamiales
 Plantaginaceae
Plantago brownii Raf. ⑤⑥①
 = ***Plantago brownii* F.Dietr.**
 Mabberley, D.J.; Moore, D.T. 2022: The Robert Brown Handbook: a guide to the life and work of Robert Brown (1773-1858), Scottish botanist. *Regnum Vegetabile* 160: 1-624.
- Plantago triantha* Spreng. ⑥①
 = ***Plantago brownii* F.Dietr.**
 Mabberley, D.J.; Moore, D.T. 2022: The Robert Brown Handbook: a guide to the life and work of Robert Brown (1773-1858), Scottish botanist. *Regnum Vegetabile* 160: 1-624.
- Verbenaceae
Lantana camara var. *aculeata* (L.) Moldenke ⑥
 = ***Lantana camara* subsp. *aculeata* (L.) R.W.Sanders**
Lantana camara var. *aculeata* 'Pink' ⑥
 = ***Lantana camara* subsp. *aculeata* 'Pink'**
***Salix babylonica* L.** ⑥
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Salix cinerea* L.** ①
 Origin: Exotic; Occurrence: Wild
- Malpighiales
 Salicaceae
***Salix xsepulcralis* Simonk.** ⑥
 Origin: Exotic; Occurrence: Uncertain
- Myrtales
 Myrtaceae
Leptospermum hoipolloi* L.M.H. Schmid & de Lange f. *hoipolloi ⑥
 Origin: Endemic; Occurrence: Wild
***Syzygium australe* (J.C.Wendl. ex Link) B.Hyland** ⑤
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Oxalidales
 Oxalidaceae
Oxalis corniculata f. *rubrifolia* (Makino) H.Hara ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata f. *tropaeoloides* (E.Vilm.) R.Knuth ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata L. subsp. *corniculata* ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata var. *atropurpurea* Planch. ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata var. *ciliifera* (A.Cunn.) Hook.f. ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata L. var. *corniculata* ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata L. subsp. *corniculata* var. *corniculata* ⑥①
 = ***Oxalis corniculata* L.**
Oxalis corniculata var. *preissiana* (Steud.) R.Knuth ⑥
 = ***Oxalis perennans* Haw.**

- Oxalis corniculata* var. *repens* (Thunb.) Zucc. ☹️ ①
 = ***Oxalis corniculata* L.**
Oxalis preissiana Steud. ☹️
 = ***Oxalis perennans* Haw.**
Oxalis repens Thunb. ☹️ ①
 = ***Oxalis corniculata* L.**

Poales

Gramineae

- Ammophila* Host ☹️ ①
 = ***Calamagrostis* Adans.**
 Peterson, P.M.; Soreng, R.J.; Romaschenko, K.; Barberá, P.; Quintanar, A.; Aedo, C.; Saarela, J.M. 2022: Phylogeny and biogeography of *Calamagrostis* (Poaceae: Pooideae: Poeae: Agrostidinae), description of a new genus, *Condilorachia* (Calothecinae), and expansion of *Greeneochloa* and *Pentapogon* (Echinopogoninae). *Journal of Systematics and Evolution* 60(3): 570-590.
- Ammophila arenaria* (L.) Link ☹️ ①
 = ***Calamagrostis arenaria* (L.) Roth**
 Peterson, P.M.; Soreng, R.J.; Romaschenko, K.; Barberá, P.; Quintanar, A.; Aedo, C.; Saarela, J.M. 2022: Phylogeny and biogeography of *Calamagrostis* (Poaceae: Pooideae: Poeae: Agrostidinae), description of a new genus, *Condilorachia* (Calothecinae), and expansion of *Greeneochloa* and *Pentapogon* (Echinopogoninae). *Journal of Systematics and Evolution* 60(3): 570-590.
- Arundo arenaria* L. ☹️
 = ***Calamagrostis arenaria* (L.) Roth**
***Calamagrostis* Adans.** ①
 Origin: Exotic; Occurrence: Sometimes present
 Peterson, P.M.; Soreng, R.J.; Romaschenko, K.; Barberá, P.; Quintanar, A.; Aedo, C.; Saarela, J.M. 2022: Phylogeny and biogeography of *Calamagrostis* (Poaceae: Pooideae: Poeae: Agrostidinae), description of a new genus, *Condilorachia* (Calothecinae), and expansion of *Greeneochloa* and *Pentapogon* (Echinopogoninae). *Journal of Systematics and Evolution* 60(3): 570-590.
- Eragrostis multicaulis* Steud.** ①
 Origin: Exotic; Occurrence: Wild
 Gardner, R.; de Lange, P.J. 2014: *Eragrostis multicaulis* (Poaceae) in the Waitakere Ranges. *Auckland Botanical Society Journal* 69: 82-83.
- Zizania latifolia* (Griseb.) Hance ex F.Muell.** ⑤
 Origin: Exotic; Occurrence: Wild

Juncaceae

- Juncus ambiguus* Guss. ☹️ ①
 = ***Juncus hybridus* Brot.**
 Lastrucci, L.; Gambirasio, V.; Lazzaro, L.; Viciani, D. 2022: Revision of the Italian material of *Juncus* sect. *Tenageia* in the Herbarium Centrale Italicum: confirmations and novelties for Italy. *Mediterranean Botany* 43: 1-14 (online).
- Juncus ranarius* Songeon & E.P.Perrier** ② ③ ④ ①
 Origin: Exotic; Occurrence: Recorded in error

Proteales

Proteaceae

- Hakea gibbosa* (J.White) Cav.** ⑤
 Origin: Exotic; Occurrence: Wild

Ranunculales

Lardizabalaceae

- Akebia quinata* (Thunb. ex Houtt.) Decne.** ⑤
 Origin: Exotic; Occurrence: Wild
- Elaeagnus angustifolia* L.** ①
 Origin: Exotic; Occurrence: Sometimes present
 Sun, M.A.; Lin, Q. 2010: A revision of *Elaeagnus* L. (Elaeagnaceae) in mainland China. *Journal of Systematics and Evolution* 48(5): 356-390.
- Elaeagnus angustifolia* var. *orientalis* (L.) Soják ☹️ ①
 = ***Elaeagnus angustifolia* L.**
 Sun, M.A.; Lin, Q. 2010: A revision of *Elaeagnus* L. (Elaeagnaceae) in mainland China. *Journal of Systematics and Evolution* 48(5): 356-390.

- Rosales
 Elaeagnaceae
***Elaeagnus xsubmacrophylla* Servett.** (P) (S)
 Origin: Exotic; Occurrence: Sometimes present
- Moraceae
***Ficus rubiginosa* Desf. ex Vent.** (S)
 Origin: Exotic; Occurrence: Wild
- Solanales
 Solanaceae
***Cestrum parqui* (lam.) L'Hér.** (S)
 Origin: Exotic; Occurrence: Wild
- Zingiberales
 Zingiberaceae
***Hedychium flavescens* Carey ex Roscoe** (S)
 Origin: Exotic; Occurrence: Wild
***Hedychium gardnerianum* Sheph. ex Ker Gawl.** (S)
 Origin: Exotic; Occurrence: Wild
- Pinopsida
 Pinales
 Pinaceae
***Pinus contorta* Douglas ex Loudon** (S)
 Origin: Exotic; Occurrence: Wild
Pinus contorta Douglas ex Loudon subsp. *contorta* (S)
 = ***Pinus contorta* Douglas ex Loudon var. *contorta***
Pinus contorta* Douglas ex Loudon var. *contorta (S)
 Origin: Exotic; Occurrence: Wild
- Sphagnopsida
 Sphagnales
 Sphagnaceae
***Sphagnum aongstroemii* C.Hartm.** (A) (S)
 Occurrence: Absent
***Sphagnum fuscovinosum* Seppelt & H.A.Crum** (S)
 Occurrence: Absent
***Sphagnum girgensohnii* Russow** (A) (S)
 Occurrence: Absent
***Sphagnum henryense* Warnst.** (P)
 Occurrence: Absent
***Sphagnum lindbergii* Schimp.** (P)
 Occurrence: Absent
Sphagnum microphyllum Warnst. (A) (S)
 = ***Sphagnum fimbriatum* Hook.f. & Wilson**
***Sphagnum obtusum* Warnst.** (A) (S)
 Occurrence: Absent
- Ulvophyceae
 Ulvales
 Ulvaceae
Ulva tessellata Hook.f. & Harv. (T)
 = ***Mastodia tessellata* (Hook.f. & Harv.) Hook.f. & Harv.**
 Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.* 1 ed. Lincoln, Manaaki Whenua Press. 1006 p.

