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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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 2 March 2025 and 28 May 2025.

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

Biostatus change

Index of changes for Bryatae

Preferred Name change

Taxonomy Article change

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Preferred Name change

Classification change

Taxonomy Article change

Spelling change

Index of changes for Polypodiopsida

Additions

Biostatus 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)

Ascomycetes
- Lecanorales
  - *Siphula fragilis* (Hook.f. & Taylor) J.S.Murray
    - **= *Parasiphula fragilis* (Hook.f. & Taylor) Kantvilas & Grube**
  - Malmidaceae
    - ***Australidea* Kantvilas, Wedin & M.Svenss.** ⓄⓅ
      - Origin: Non-endemic; Occurrence: Wild
    - ***Malmidaceae* Kalb.** Ⓟ
      - Origin: Non-endemic; Occurrence: Wild

Bacillariophyceae
- Pennales
  - Achnanthaceae
    - ***Achnanthes coarctata* (Breb.) Grun.** Ⓐ⊖
    - ***Achnanthes coarctata* (Breb.) Grun.** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
    - ***Achnanthes crosbyana* Foged** Ⓐ⊖
    - ***Achnanthes crosbyana* Foged** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - ***Achnanthes curvirostrum* Brun** ⊖
    - ***Achnanthes elata* (Leuduger-Fortmorel) H.P.Gandhi** Ⓢ
    - *Achnanthes hungarica* (Grunow) Grunow ⊜
      - **= *Lemnicola hungarica* (Grunow) Round & Basson**
    - *Cocconeis placentula* var. *euglypta* (Ehrenberg) Grunow ⊜
      - **= *Cocconeis euglypta* Ehrenb.**
    - *Cocconeis placentula* var. *lineata* (Ehrenb.) Van Heurck ⊜
      - **= *Cocconeis lineata* Ehrenb.**
    - ***Cocconeis pseudomarginata* W.Greg.** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
    - ***Cocconeis scutellum* Ehrenb.** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
  - Bacillariaceae
    - ***Giffenia cocconeiformis* (Grunow) Round & Basson** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - ***Hantzschia amphioxys* (Ehrenb.) Grunow** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
    - ***Hantzschia amphioxys* var. *maior* Grunow** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - ***Hantzschia elongata* (Hantzsch) Grunow** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - ***Hantzschia virgata* (Roper) Grunow** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - ***Hantzschia virgata* var. *capitellata* Hustedt** ⓄⓅ
      - Origin: Indigenous; Occurrence: Wild
    - *Nitzschia cocconeiformis* Grunow ⊜
      - **= *Giffenia cocconeiformis* (Grunow) Round & Basson**
  - Epithemiaceae
    - ***Epithemia adnata* (Kütz.) Bréb.** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
    - ***Epithemia sorex* Kütz.** ⓄⓅⓈ
      - Origin: Indigenous; Occurrence: Wild
  - Eunotiaceae
    - *Eunotia praerupta* var. *inflata* Grunow ⊜
      - **= *Eunotia inflata* (Grunow) Nörpel-Schempp & Lange-Bert.**

Eunotia serpentina ⊖ Ⓣ
= *Amphicampa mirabilis* Ehrenb. ex Ralfs
Eunotia serpentina var. *transsylvanica* ⊖ Ⓣ
= *Amphicampa mirabilis* var. *transylvanica* (Pant.) M.A.Harper
***Eunotia sudetica* Mueller** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Eunotia tenella* (Grunow) Hust.** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Eunotia veneris* Kütz.) De Toni** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
Fragilariaceae
***Climacosphenia* Ehrenberg** ⊖
Naviculaceae
Amphiprora angustata Hendey Ⓐ⊖
= *Entomoneis angustata* (Hendey) D.M.Williams
***Amphora pediculus* (Kütz.) Grunow** Ⓢ
***Amphora proteus* W.C.Greg.** Ⓢ
Amphora subturgida Hust. Ⓢ⊖
= *Halamphora subturgida* (Hust.) Levkov
***Caloneis westii* (W.Sm.) Hendey** Ⓢ
***Cosmioneis pusilla* (W. Smith) Mann & Stickle** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Cymbella affinis* Kütz.** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Cymbella aspera* (Ehrenb.) Cleve** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
Cymbella cuspidata Kütz. Ⓢ⊖
= *Cymbopleura cuspidata* (Kütz.) Krammer
***Cymbella kappii* Cholnoky** Ⓟ
Occurrence: Recorded in error
Cymbella minuta Hilse Ⓐ⊖
= *Encyonema minutum* (Hilse) D.G.Mann
Cymbella naviculiformis (Auerswald) Cleve ⊖
= *Cymbopleura naviculiformis* (Auersw.) Krammer
***Diploneis marginistriata* Hustedt** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Diploneis ovalis* (Hilse) Cleve** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Diploneis smithii* (Brebisson) Cleve** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Encyonema muelleri* (Hust.) D.G.Mann** Ⓢ
***Entomoneis alata* (Ehrenb.) Ehrenb.** Ⓢ
***Entomoneis angustata* (Hendey) D.M.Williams** Ⓐ⊖
***Fallacia vittata* (Cleve) D.G.Mann** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Frustulia rhomboides* (Ehrenberg) De Toni** ⊖
***Frustulia rhomboides* var. *amphipleuroides* (Grunow) De Toni** ⊖
***Frustulia rhomboides* var. *elongatissima* Bourrelly & Manguin** Ⓒ
***Frustulia rhomboides* var. *lineolata* (Ehrenberg) Cleve** Ⓒ
***Frustulia rhomboides* var. *saxonica* (Rabenhorst) De Toni** Ⓒ
***Frustulia spicula* Amosse** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
Gomphoneis herculeana (Ehrenberg) Cleve ⊖
= *Gomphadelpha herculeana* (Ehrenb.) R.Jahn & N.Abarca
***Gomphonema acuminatum* Ehrenberg** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gomphonema angustatum* (Kuetzing) Rabenhorst** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gomphonema angustum* Agardh** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gomphonema berggrenii* (Cleve) Cleve** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
Gomphonema clevei Fricke ⊖
= *Gomphoneis clevei* (Fricke) Gil

***Gomphonema insigne* W.Greg.** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Gomphonema undulatum* Hustedt** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma acuminatum* (Kütz.) Rabenh.** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma attenuatum* (Kütz.) Rabenh.** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma foxtonia* Stidolph** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma obtusatum* (Sullivan & Wormley) C.S.Boyer** Ⓢ
***Gyrosigma scalproides* (Rabenh.) Cleve** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma sterrenburgii* Stidolph** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma turgidum* (Stidolph) Stidolph** ⓄⓅⓈ
Origin: Indigenous; Occurrence: Wild
***Gyrosigma waitangianum* Stidolph** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
Navicula bryophila J. B. Petersen ⊖
= *Adlafia bryophila* (J.B.Petersen) Lange-Bert.
Navicula lacustris Gregory ⊖
= *Lacustriella lacustris* (W.Greg.) Lange-Bert. & Kulikovskiy
Navicula minima Grunow ⊖
= *Eolimna minima* (Grunow) Lange-Bert.
Navicula nyella Hustedt ⊖
= *Fallacia nyella* (Hust.) D.G.Mann
Navicula placenta Ehrenberg ⊖
= *Decussiphycus placenta* (Ehrenb.) Guiry & Gandhi
Navicula pusilla W.Sm. Ⓢ⊖
= *Cosmioneis pusilla* (W. Smith) Mann & Stickle
Navicula vittata Foged ⊖
= *Fallacia vittata* (Cleve) D.G.Mann
Surirellaceae
Campylodiscus echeneis Ehrenberg ⊖
= *Coronia echeneis* (Ehrenb. ex Kütz.) Ehrenb.
Stenopterobia delicatissima (Lewis) Brebisson ⊖
= *Iconella delicatissima* (F.W.Lewis) Ruck & Nakov
Surirella linearis W. Smith ⊖
= *Iconella linearis* (W.Sm.) Ruck & Nakov
Surirella linearis var. *helvetica* (Brun) Meister ⊖
= *Iconella helvetica* (Brun) Ruck & Nakov
Surirella tenera Gregory ⊖
= *Iconella tenera* (W.Greg.) Ruck & Nakov
Bryatae
Thamnium pandum (Hook.f. & Wilson) A.Jaeger ⊖ Ⓣ
= *Austrothamnium pandum* (Hook.f. & Wilson) Enroth
Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.
Thamnium pumilum (Hook.f. & Wilson) Paris ⊖ Ⓣ
= *Austrothamnium pumilum* (Hook.f. & Wilson) Enroth
Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.
Bryopsida
Bartramiales
Bartramiaceae
***Plagiopus oederianus* (Sw.) H.A.Crum & L.E.Anderson** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Bryales
Bryaceae
Bryum searlii R.Br.bis Ⓣ
= *Rosulabryum capillare* (Hedw.) J.R.Spence

Mniaceae
Orthomnion Wilson ⊖
= *Plagiomnium* T.J.Kop.
Dicranales
Ditrichaceae
***Ditrichum brevirostrum* (R.Br.bis) Broth.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Ditrichum filiformifolium (R.Br.bis) Broth. Ⓢ
= *Ditrichum punctulatum* Mitt.
***Eccremidium arcuatum* (Hook. & Wilson) Müll.Hal.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Eccremidium pulchellum* (Hook. & Wilson) Müll.Hal.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Fissidentaceae
Fissidens curvatus* Hornsch. var. *curvatus Ⓞ
Origin: Exotic; Occurrence: Wild
Grimmiales
Grimmiaceae
***Racomitrium elongatum* Frisvoll** Ⓞ
Origin: Exotic; Occurrence: Wild
Schistidium arcuatum Hook. & Wilson Ⓢ
= *Eccremidium arcuatum* (Hook. & Wilson) Müll.Hal.
Seligeriaceae
***Blindia antarctica* Müll.Hal.** ⊖
Hypnales
Echinodiaceae
***Echinodiaceae* Broth.** ⓄⓅ
Occurrence: Absent
***Echinodium* Jur.** ⓄⓅ
Occurrence: Absent
Echinodium glaucoviride (Mitt.) A.Jaeger ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Echinodium hispidum (Hook.f. & Wilson) Jur. ⊖ Ⓣ
= *Echinodiopsis hispida* (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.
Echinodium hispidum var. *glaucoviride* (Mitt.) Dixon ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Echinodium umbrosum (Mitt.) A.Jaeger ⊖ Ⓣ
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.
Echinodium umbrosum var. *glaucoviride* (Mitt.) S.P.Churchill ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Echinodium umbrosum (Mitt.) A.Jaeger var. *umbrosum* ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Hypnaceae
Hypnum glaucoviride Mitt. ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Hypnum hispidum Hook.f. & Wilson ⊖ Ⓣ
= *Echinodiopsis hispida* (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.
Lembophyllaceae
Isothecium pandum Hook.f. & Wilson ⊖ Ⓣ
= *Austrothamnium pandum* (Hook.f. & Wilson) Enroth
Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.
Isothecium pumilum Hook.f. & Wilson ⊖ Ⓣ
= *Austrothamnium pumilum* (Hook.f. & Wilson) Enroth

Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.

Lembophyllum cochlearifolium (Schwägr.) Lindb. ⊖
= *Weymouthia cochlearifolia* (Schwägr.) Dixon

Leskeaceae

Leskea umbrosa Mitt. Ⓢ⊖ Ⓣ
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.

Neckeraceae

***Echinodiopsis hispida* (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.

***Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Olsson, S.; Enroth, J.; Buchbender, V.; Hedenäs, L.; Huttunen, S.; Quandt, D. 2011: *Neckera* and *Thamnobryum* (Neckeraceae, Bryopsida): Paraphyletic assemblages. *Taxon 60*: 36-51.

Echinodiopsis umbrosa var. *glaucoviride* (Mitt.) S.Olsson, Enroth & D.Quandt ⊖
= *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt

Neckera lepineana Mont. ⊖ Ⓣ
= *Neckeromnion lepineanum* (Mont.) S.Olsson, Enroth, Huttunen & D.Quanddt
Olsson, S.; Enroth, J.; Huttunen, S.; Quandt, D. 2016: Phylogeny of *Neckeropsis* and *Himantocladium* (Neckeraceae, Bryophytina). *Bryophyte Diversity and Evolution 38(2)*: 53-70.

***Neckeropsis* Reichardt** ⓄⓅ
Occurrence: Absent

Neckeropsis gracilenta (Bosch & Sande Lac.) Fleisch. ⊖
= *Neckeromnion gracilentum* (Bosch & Sande Lac) S.Olsson, Enroth, Huttunen & D.Quand6

Neckeropsis lepineana (Mont.) M.Fleisch. ⊖ Ⓣ
= *Neckeromnion lepineanum* (Mont.) S.Olsson, Enroth, Huttunen & D.Quanddt
Olsson, S.; Enroth, J.; Huttunen, S.; Quandt, D. 2016: Phylogeny of *Neckeropsis* and *Himantocladium* (Neckeraceae, Bryophytina). *Bryophyte Diversity and Evolution 38(2)*: 53-70.

***Thamnobryum* Nieuwl.** ⓄⓅ
Occurrence: Absent

***Thamnobryum alleghaniense* (Müll.Hal.) Nieuwl.** Ⓟ
Occurrence: Absent

Thamnobryum pandum (Hook.f. & Wilson) I.G.Stone & G.A.M.Scott ⊖ Ⓣ
= *Austrothamnium pandum* (Hook.f. & Wilson) Enroth
Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.

Thamnobryum pumilum (Hook.f. & Wilson) B.C.Tan ⊖ Ⓣ
= *Austrothamnium pumilum* (Hook.f. & Wilson) Enroth
Enroth, J.; Olsson, S.; Huttunen, S.; Buchbender, V.; Tangney, R.; Stech, M.; Hedenäs, L.; Quandt, D. 2019: Orthostichellaceae fam. nov. and other novelties in pleurocarpous mosses revealed by phylogenetic analyses . *Bryologist 122(2)*: 219-245.

Orthotrichales

Orthotrichaceae

***Macrocoma tenuis* (Hook. & Grev.) Vitt** Ⓢ
Origin: Non-endemic; Occurrence: Wild

Macrocoma tenuis* (Hook. & Grev.) Vitt subsp. *tenuis Ⓢ
Origin: Non-endemic; Occurrence: Wild

***Macromitrium ligulifolium* Broth.** Ⓢ
Origin: Non-endemic; Occurrence: Wild

Pottiales
Pottiaceae
Trichostomum chilense Mont. Ⓣ
= *Chrysoblastella chilensis* (Mont.) Reimers
Reimers, H. 1926: Beitraege zur Bryophytenflora suedamerikas I & II. *Hedwigia 66*: 27-78.
Splachnales
Splachnaceae
***Tayloria octoblephara* (Hook.) Mitt.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Tayloria octoblephara var. *major* (Hook.f. & Wilson) Watts & Whitel. Ⓢ
= *Tayloria octoblephara* (Hook.) Mitt.
Coscinodiscophyceae
Coscinodiscales
Hemidiscaceae
Actinocyclus octonarius Ehrenberg ⊖
= *Actinocyclus octonaris* Ehrenb.
Melosirales
Hyalodiscaceae
***Hyalodiscus scoticus* (Kuetzing) Grunow** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
***Hyalodiscus subtilis* Bailey** ⓄⓅ
Origin: Indigenous; Occurrence: Wild
Stephanopyxidaceae
Stephanopyxis turris (Greville) Ralfs ⊖
= *Eupyxidicula turris* (Grev.) S.Blanco & C. E. Wetzel
Thalassiosirales
Stephanodiscaceae
Cyclotella stelligera Cleve & Grunow in Van Heurck ⊖
= *Discostella stelligera* (Cleve & Grunow) Houk & Klee
Thalassiosiraceae
Thalassiosira weissflogii (Grunow) Fryxell & Hasle ⊖
= *Conticribra weissflogii* (Grunow) Stachura-Suchoples & D.M.Williams
Triceratiales
Triceratiaceae
***Auliscus sculptus* (W.Sm.) Brightw.** Ⓢ
Jungermanniopsida
Jungermanniales
Jungermanniaceae
Jungermannia xiphoides Hook.f. & Taylor ⊖ Ⓣ
= *Prionothallus xiphoides* (Hook.f. & Taylor) Mamontov, Vilnet & Schäfer-Verwimp
Mamontov, Y.S.; Vilnet, A.A.; Schäfer-Verwimp, A. 2021: On the taxonomy of the subfamilies Pallavicinioideae and Podomitrioideae of the family Pallaviciniaceae (Marchantiophyta). *Arctoa 30*: 159-169.
Lepidolaenaceae
***Lepidogyna menziesii* (Hook.) R.M.Schust.** Ⓣ
Occurrence: Absent
Söderström, L.; Hagborg, A.; von Konrat, M.; Bartholomew-Began, S.; Bell, D.; Briscoe, L.; Brown, E.; Cargill, D.C.; Costa, D.P.; Crandall-Stotler, B.J.; Cooper, E.D.; Dauphin, G.; Engel, J.J.; Feldberg, K.; Glenny, D.; Gradstein, S.R.; He, X.; Heinrichs, J.; Hentschel, J.; Ilkiu-Borges, A.L.; Katagiri, T.; Konstantinova, N.A.; Larraín, J.; Long, D.G.; Nebel, M.; Pócs, T.; Puche, F.; Reiner-Drehwald, E.; Renner, M.A.M.; Sass-Gyarmati, A.; Schäfer-Verwimp, A.; Segarra Moragues, J.G.; Stotler, R. 2016: World Checklist of Hornworts and Liverworts. *PhytoKeys 59(1–2)*: 1-828.
Polyotus Gottsche Ⓣ
= *Lepidolaena* Dumort.
Söderström, L.; Hagborg, A.; von Konrat, M.; Bartholomew-Began, S.; Bell, D.; Briscoe, L.; Brown, E.; Cargill, D.C.; Costa, D.P.; Crandall-Stotler, B.J.; Cooper, E.D.; Dauphin, G.; Engel, J.J.; Feldberg, K.; Glenny, D.; Gradstein, S.R.; He, X.; Heinrichs, J.; Hentschel, J.; Ilkiu-Borges, A.L.; Katagiri, T.; Konstantinova, N.A.; Larraín, J.; Long, D.G.; Nebel, M.; Pócs, T.; Puche, F.; Reiner-Drehwald, E.; Renner, M.A.M.; Sass-Gyarmati, A.; Schäfer-Verwimp, A.; Segarra Moragues, J.G.; Stotler, R. 2016: World Checklist of Hornworts and Liverworts. *PhytoKeys 59(1–2)*: 1-828.

Lepidoziaceae
***Bazzania polita* Glenny** Ⓢ
Origin: Endemic; Occurrence: Wild
***Bazzania vittata* (Reinw., Blume & Nees) Trevis.** Ⓢ
Occurrence: Absent
Plagiochilaceae
***Plagiochila bazzanioides* J.J.Engel & G.L.Merr.** ◎
Origin: Endemic; Occurrence: Wild
Pseudolepicoleaceae
***Castanoclobos* J.J.Engel & Glenny** ◎
Origin: Non-endemic; Occurrence: Wild
***Castanoclobos julaceus* (J.J.Engel) J.J.Engel & Glenny** ◎
Origin: Non-endemic; Occurrence: Wild
Metzgeriales
Aneuraceae
***Riccardia cochleata* (Hook.f. & Taylor) Kuntze** ◎
Origin: Indigenous; Occurrence: Wild
***Verdoornia* R.M.Schust.** ◎
Origin: Non-endemic; Occurrence: Wild
Metzgeriaceae
***Metzgeriaceae* H.Klinggr.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Söderström, L.; Hagborg, A.; von Konrat, M.; Bartholomew-Began, S.; Bell, D.; Briscoe, L.; Brown, E.; Cargill, D.C.; Costa, D.P.; Crandall-Stotler, B.J.; Cooper, E.D.; Dauphin, G.; Engel, J.J.; Feldberg, K.; Glenny, D.; Gradstein, S.R.; He, X.; Heinrichs, J.; Hentschel, J.; Ilkiu-Borges, A.L.; Katagiri, T.; Konstantinova, N.A.; Larraín, J.; Long, D.G.; Nebel, M.; Pócs, T.; Puche, F.; Reiner-Drehwald, E.; Renner, M.A.M.; Sass-Gyarmati, A.; Schäfer-Verwimp, A.; Segarra Moragues, J.G.; Stotler, R. 2016: World Checklist of Hornworts and Liverworts. *PhytoKeys 59(1–2)*: 1-828.
Pallaviciniales
Pallaviciniaceae
Pallavicinia xiphoides (Hook.f. & Taylor) Trevis. ⊖ Ⓣ
= *Prionothallus xiphoides* (Hook.f. & Taylor) Mamontov, Vilnet & Schäfer-Verwimp
Mamontov, Y.S.; Vilnet, A.A.; Schäfer-Verwimp, A. 2021: On the taxonomy of the subfamilies Pallavicinioideae and Podomitrioideae of the family Pallaviciniaceae (Marchantiophyta). *Arctoa 30*: 159-169.
Porellales
Lejeuneaceae
***Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner** ◎
Origin: Endemic; Occurrence: Wild
***Aciphylla anomala* Allan** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla aurea* W.R.B.Oliv.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla cartilaginea* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla colensoi* Hook.f.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
Aciphylla colensoi var. *conspicua* Kirk Ⓣ
= *Aciphylla colensoi* Hook.f.

Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Aciphylla gracilis W.R.B.Oliv. ⊖ Ⓣ
= *Aciphylla montana* Armstr.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Aciphylla indurata Cheeseman ⊖ Ⓣ
= *Aciphylla colensoi* Hook.f.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Aciphylla montana var. *gracilis* (W.R.B.Oliv.) J.W.Dawson ⊖ Ⓣ
= *Aciphylla montana* Armstr.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Aciphylla montana Armstr. var. *montana* ⊖ Ⓣ
= *Aciphylla montana* Armstr.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla multisecta* Cheeseman** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla pinnatifida* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla polita* (Kirk) Cheeseman** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla scott-thomsonii* Cockayne & Allan** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla similis* Cheeseman** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla simplex* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla spedenii* Cheeseman** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla squarrosa* J.R.Forst. & G.Forst.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Aciphylla squarrosa var. *flaccida* Kirk ⊖ Ⓣ
= *Aciphylla squarrosa* J.R.Forst. & G.Forst.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
Aciphylla squarrosa J.R.Forst. & G.Forst. var. *squarrosa* ⊖ Ⓣ
= *Aciphylla squarrosa* J.R.Forst. & G.Forst.
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla stannensis* J.W.Dawson** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla subflabellata* W.R.B.Oliv.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla takahea* W.R.B.Oliv.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla traillii* Kirk** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
Aciphylla traillii var. *cartilaginea* (Petrie) Cheeseman Ⓣ
= *Aciphylla cartilaginea* Petrie
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla traversii* (F.Muell.) Hook.f.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla trifoliolata* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Magnoliopsida
Apiales
Umbelliferae
***Aciphylla ×flexuosa* W.R.B.Oliv.** Ⓢ Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla ×inermis* W.R.B.Oliv.** Ⓢ Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla ×intermedia* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

***Aciphylla ×latibracteata* W.R.B.Oliv.** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
***Aciphylla ×verticillata* W.R.B.Oliv.** ⓈⓉ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .
Ligusticum politum Kirk Ⓣ
= *Aciphylla polita* (Kirk) Cheeseman
Perrie, L.R.; Glenny, D.S.; Shepherd, L.D. 2025: Taxonomic synopsis of *Aciphylla* (Apiaceae): accepted species, nomenclature, and hybridisation. *New Zealand Journal of Botany*: 1-41 (online) .

Asparagales
Asparagaceae
***Muscari armeniacum* H.J.Veitch** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Orchidaceae
***Adelopetalum* Fitzg.** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Jones, D.L., Zimmer, H.C., Clements, M.A., Bruhl, J.J., Christian, J., Copeland, L.M., Hutton, I., Andersen, A.; Wilson, M. 2024: Characterisation of *Adelopetalum argyropus* (Orchidaceae; Malaxideae) with the description of two related new species and two new combinations. *Phytotaxa 678(1)*
Dendrobium speciosum var. *fusiforme* F.M.Bailey ⓈⒸ
= *Dendrobium jonesii* Rendle
***Pterostylis falcata* R.S.Rogers** ⊖ Ⓣ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Pterostylis furcata var. *linearis* Hatch Ⓣ
= *Pterostylis paludosa* D.L.Jones, Molloy & M.A.Clem.

Asterales
Compositae
***Hieracium lepidulum* Stenstr.** Ⓢ
Origin: Exotic; Occurrence: Wild

Boraginales
Boraginaceae
***Cynoglossum amabile* Stapf & J.R.Drumm.** Ⓢ
Origin: Exotic; Occurrence: Wild

Caryophyllales
Caryophyllaceae
Silene viscaria (L.) Borkh. Ⓢ
= *Viscaria vulgaris* Bernh.

Ericales
Myrsinaceae
Rapanea salicina (Hook.f.) Mez Ⓢ
= *Myrsine salicina* (Hook.f.) Heward ex Hook.f.
Primulaceae
***Myrsine salicina* (Hook.f.) Heward ex Hook.f.** Ⓢ
Origin: Endemic; Occurrence: Wild

Escalloniales
Escalloniaceae
***Escallonia ×exoniensis* hort.** Ⓢ
Origin: Exotic; Occurrence: Wild

Fabales
Leguminosae
Acacia insularum Guill. Ⓣ
= *Schleinitzia insularum* (Guill.) Burkart
Burkart, A. 1976: A monograph of the genus Prosopis (Leguminosae subfam. Mimosoideae). *Journal of the Arnold Arboretum 57*: 450-525.
Leucaena insularum (Guill.) Däniker Ⓣ
= *Schleinitzia insularum* (Guill.) Burkart

Sykes, W.R. 2016: *Flora of the Cook Islands.*Kalaheo, Kaua`i, Hawai`i, National Tropical Botanical Garden. 973 p.

***Schleinitzia insularum* (Guill.) Burkart** Ⓣ

Sykes, W.R. 2016: *Flora of the Cook Islands.*Kalaheo, Kaua`i, Hawai`i, National Tropical Botanical Garden. 973 p.

Gentianales

Apocynaceae

***Plumeria* L.** Ⓣ

Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

González-Rocha, E.; Cerros-Tlatilpa, R. 2015: La familia Apocynaceae (Apocynoideae y Rauvolfioideae) an el estado de Morelos, México. *Acta Botanica Mexicana 110*: 21-70.

Plumeria acutifolia Poir. Ⓣ

= *Plumeria rubra* L.

González-Rocha, E.; Cerros-Tlatilpa, R. 2015: La familia Apocynaceae (Apocynoideae y Rauvolfioideae) an el estado de Morelos, México. *Acta Botanica Mexicana 110*: 21-70.

***Plumeria rubra* L.** Ⓣ

Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

González-Rocha, E.; Cerros-Tlatilpa, R. 2015: La familia Apocynaceae (Apocynoideae y Rauvolfioideae) an el estado de Morelos, México. *Acta Botanica Mexicana 110*: 21-70.

Plumeria rubra f. *acutifolia* (Poir.) Woodson Ⓣ

= *Plumeria rubra* L.

González-Rocha, E.; Cerros-Tlatilpa, R. 2015: La familia Apocynaceae (Apocynoideae y Rauvolfioideae) an el estado de Morelos, México. *Acta Botanica Mexicana 110*: 21-70.

Geraniales

Geraniaceae

***Geranium brevicaule* Hook.** Ⓢ

Origin: Non-endemic; Occurrence: Wild

Laurales

Lauraceae

Cinnamomum camphora (L.) J.Presl ⊖ Ⓣ

= *Camphora officinarum* Boerh. ex Fabr.

Yang, Z.; Liu, B.; Yang, Y.; Ferguson, D.K. 2022: Phylogeny and taxonomy of Cinnamomum (Lauraceae). *Ecology and Evolution 12(10)*: 1-19 (online) DOI: 10.1002/ece3.9378.

Cinnamomum cassia Siebold Ⓢ⊖

= *Cinnamomum burmannii* (Nees & T.Nees) Blume

***Cinnamomum verum* J.Presl** Ⓢ

Cinnamomum zeylanicum Blume Ⓢ⊖

= *Cinnamomum verum* J.Presl

Laurus camphora L. ⊖

= *Camphora officinarum* Boerh. ex Fabr.

Malpighiales

Salicaceae

***Dovyalis afra* (Hook.f. & Harv.) Warb.** Ⓢ

Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Viola tricolor sensu New Zealand botanists ⊖

= *Viola ×wittrockiana* Gams

Viola tricolor var. *hortensis* sensu New Zealand authors ⊖ Ⓣ

= *Viola ×wittrockiana* Gams

Violaceae

Viola ×hortensis ⊖

= *Viola ×wittrockiana* Gams

Viola ×wittrockiana Gams ex Nauenburg & Buttler ⊖ Ⓣ

= *Viola ×wittrockiana* Gams

Myrtales

Onagraceae

***Epilobium nummulariifolium* R.Cunn. ex A.Cunn.** Ⓢ

Origin: Endemic; Occurrence: Wild

Poales

Cyperaceae

***Carex sinclairii* Boott ex Cheeseman** Ⓢ

Origin: Endemic; Occurrence: Wild

Gramineae
***Thinopyrum acutum* (DC.) Banfi** Ⓣ
Origin: Exotic; Occurrence: Wild
Banfi, E. 2018: A survey of the *Elymus* L. s. l. species complex (Triticeae, Poaceae) in Italy: taxa and nothotaxa, new combinations and identification key. *Natural History Sciences 5(2)*: 57-64.
Ranunculales
Papaveraceae
***Papaver somniferum* subsp. *setigerum* (DC.) Arcang.** Ⓢ
Origin: Exotic; Occurrence: Wild
Ranunculaceae
***Ranunculus parviflorus* Loefl.** Ⓢ
Origin: Exotic; Occurrence: Wild
Thalictrum delavayi* Franch. var. *delavayi Ⓣ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Flora of China Editorial Committee 2001: *Flora of China (Caryophyllaceae through Lardizabalaceae)*.6 ed. *Flora of China*
Thalictrum dipterocarpum Franch. Ⓣ
= *Thalictrum delavayi* Franch. var. *delavayi*
Flora of China Editorial Committee 2001: *Flora of China (Caryophyllaceae through Lardizabalaceae)*.6 ed. *Flora of China*
Rosales
Rosaceae
Duchesnea Sm. Ⓢ
= *Potentilla* L.
Duchesnea indica (Andrews) Teschem. Ⓢ
= *Potentilla indica* (Andrews) Th.Wolf
Urticaceae
***Urtica sykesii* Grosse-Veldm. & Weigend** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Saxifragales
Saxifragaceae
***Saxifraga stolonifera* Curtis** Ⓢ
Origin: Exotic; Occurrence: Wild
Marchantiopsida
Marchantiales
Marchantiaceae
***Marchantia* L.** Ⓒ
Origin: Non-endemic; Occurrence: Wild
***Marchantiaceae* Lindl.** Ⓒ
Origin: Non-endemic; Occurrence: Wild
Mediophyceae
Ardissoneales
Ardissoneaceae
***Climacosphenia elongata* Bailey** ⓄⓅⓈⒸⓉ
Origin: Indigenous; Occurrence: Wild
Pinopsida
Pinales
Pinaceae
Pinus laricio Poir. Ⓣ
= *Pinus nigra* subsp. *laricio* Palib. ex Maire
***Pinus nigra* subsp. *laricio* Palib. ex Maire** ⓈⓉ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Polypodiopsida
Cyatheales
Cyatheaceae
Alsophila dealbata (G.Forst.) Corda ⒶⓈ
= *Cyathea dealbata* (G.Forst.) Sw.
Polypodiales
Dryopteridaceae
Aspidium sieboldii van Houtte Ⓢ
= *Dryopteris sieboldii* (T.Moore) Kuntze
***Dryopteris sieboldii* (T.Moore) Kuntze** Ⓢ
Origin: Exotic; Occurrence: Sometimes present

Polypodiaceae

***Platycerium bifurcatum* (Cav.) C.Chr.** ⓅⓉ

Origin: Exotic; Occurrence: Wild

Wu, J.; Brock, J. 2023: The invasion of non-native epiphyte *Platycerium bifurcatum* in Auckland's urban forest canopy. *New Zealand Journal of Ecology 47(1)*: 1-9 (online).

Polytrichopsida

Polytrichales

Polytrichaceae

Polytrichastrum longisetum (Brid.) G.L.Sm. ⊖ Ⓣ

= *Polytrichum longisetum* Brid.

Bell, N.E.; Hyvönen, J. 2010: A phylogenetic circumscription of *Polytrichastrum* (Polytrichaceae): Reassessment of sporophyte morphology supports molecular phylogeny. *American Journal of Botany 97(4)*: 566-578.

***Polytrichum longisetum* Brid.** ⊖ Ⓣ

Origin: Non-endemic; Occurrence: Wild

Bell, N.E.; Hyvönen, J. 2010: A phylogenetic circumscription of *Polytrichastrum* (Polytrichaceae): Reassessment of sporophyte morphology supports molecular phylogeny. *American Journal of Botany 97(4)*: 566-578.


Manaaki
Whenua
PRESS