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

Database editors: Wilton, Schönberger, Gibb

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 3 March 2021 and 30 May 2021.

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

Taxonomy Article change

Index of changes for Bryatae

Biostatus change

Classification change

Taxonomy Article change

Spelling change

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Additions

Merges or Deletions

Preferred Name change

Biostatus change

Classification change

Taxonomy Article change

Spelling change

Index of changes for Polypodiopsida

Preferred Name change

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
- Arthoniales
  - Roccellaceae
    - ***Lecanactis* Körb.** Ⓣ
      Origin: Non-endemic; Occurrence: Wild
      Kantvilas, G. 2021: *Lecanactis* (Roccellaceae) in Tasmania, with the description of a new saxicolous species and a revised key for the genus in Australia. *The Lichenologist 53(1)*: 95-101.
    - ***Lecanactis mollis* (Stirt.) Frisch & Ertz** Ⓣ
      Origin: Non-endemic; Occurrence: Wild
      Kantvilas, G. 2021: *Lecanactis* (Roccellaceae) in Tasmania, with the description of a new saxicolous species and a revised key for the genus in Australia. *The Lichenologist 53(1)*: 95-101.
    - ***Lecanactis subfarinosa* (C.Knight) Hellb.** Ⓞ
      Origin: Non-endemic; Occurrence: Wild
    - ***Lecanactis tibelliana* Egea & Torrente** Ⓞ
      Origin: Non-endemic; Occurrence: Wild
  - Lecanorales
    - Parmeliaceae
      - *Lichen abietinus* Ach. Ⓣ
        = *Lecanactis abietina* (Ach.) Körb.
        Kantvilas, G. 2021: *Lecanactis* (Roccellaceae) in Tasmania, with the description of a new saxicolous species and a revised key for the genus in Australia. *The Lichenologist 53(1)*: 95-101.

Bryatae
- ***Trichostomopsis* Cardot** ⓄⓅⓈⒸⓉ
  Origin: Non-endemic; Occurrence: Wild
  Jiménez, J.A.; Cano, M.J. Guerra, J. 2021: A multilocus phylogeny of the moss genus *Didymodon* and allied genera (Pottiaceae): Generic delimitations and their implications for systematics. *Journal of Systematics and Evolution 00(March 2021)*: 1-24.

Bryopsida
- Hypnales
  - Hypnaceae
    - ***Pseudotaxiphyllum falcifolium* (Hook.f. & Wilson) S.He** Ⓣ
      Origin: Endemic; Occurrence: Wild
      He, S. 1997: A revision of *Homalia* (Musci: Neckeraceae).. *Journal of the Hattori Botanical Laboratory 81*: 1-52.
  - Lembophyllaceae
    - ***Camptochaete angustata* (Mitt.) Reichardt** Ⓣ
      Origin: Endemic; Occurrence: Wild
      Tangney, R.S. 1997: A taxonomic revision of the genus *Camptochaete* Reichdt., Lembophyllaceae (Musci). *Journal of the Hattori Botanical Laboratory 81*: 53-121.
    - ***Camptochaete arbuscula* var. *tumida* Tangney** Ⓣ
      Origin: Endemic; Occurrence: Wild
      Tangney, R.S. 1997: A taxonomic revision of the genus *Camptochaete* Reichdt., Lembophyllaceae (Musci). *Journal of the Hattori Botanical Laboratory 81*: 53-121.
    - *Camptochaete ramulosa* (Mitt.) A.Jaeger Ⓣ
      = *Camptochaete deflexa* (Wilson) A.Jaeger
      Tangney, R.S. 1997: A taxonomic revision of the genus *Camptochaete* Reichdt., Lembophyllaceae (Musci). *Journal of the Hattori Botanical Laboratory 81*: 53-121.
    - *Thamniella* Besch. Ⓣ
      = *Camptochaete* Reichardt
      Tangney, R.S. 1997: A taxonomic revision of the genus *Camptochaete* Reichdt., Lembophyllaceae (Musci). *Journal of the Hattori Botanical Laboratory 81*: 53-121.

Neckeraceae
Homalia falcifolia (Hook.f. & Wilson) Hook.f. & Wilson
= *Pseudotaxiphyllum falcifolium* (Hook.f. & Wilson) S.He
Pottiales
Pottiaceae
***Syntrichia lithophila* (Dusén) Ochyra & R.H.Zander** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Trichostomopsis australasiae (Hook. & Grev.) H.Rob.
= *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
Cycadopsida
Cycadales
Zamiaceae
***Lepidozamia* Regel** ⓄⓅ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Lepidozamia peroffskyana* Regel** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Jungermanniopsida
Metzgeriales
Aneuraceae
***Riccardia cochleata* (Hook.f. & Taylor) Kuntze** Ⓞ
Origin: Indigenous; Occurrence: Wild
Magnoliopsida
Alismatales
Araceae
***Calla* L.** ⓅⓈ
Occurrence: Absent
Apiales
Araliaceae
***Hydrocotyle muscosa* R.Br. ex A.Rich.** ⓄⓅ⊖ Ⓣ
Origin: Exotic; Occurrence: Absent
***Hydrocotyle tripartita* R.Br. ex A.Rich.** Ⓣ
Origin: Exotic; Occurrence: Wild
***Polyscias fulva* (Hiern) Harms** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Aquifoliales
Aquifoliaceae
***Ilex paraguariensis* A.St.-Hil.** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Asparagales
Asphodelaceae
***Kniphofia uvaria* (L.) Oken** Ⓢ
Origin: Exotic; Occurrence: Sometimes present
Iridaceae
***Crocus atticus* (Boiss. & Orph.) Orph.** ⒶⓄⓅ
Origin: Exotic; Occurrence: Wild
Crocus baytopiorum Ⓐ⊖
***Crocus baytopiorum* B.Mathew** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus cappadocicus* (B.Mathew) Rukšāns** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus cartwrightianus* Herb.** ⒶⓄⓅ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus caspius* Fisch. & C.A.Mey. ex Hohen.** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus gargaricus* Herb.** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus graveolens* Boiss. & Reut.** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus korolkowii* Maw & Regel** ⒶⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Crocus salzmannii* J.Gay** ⓄⓅ⊖
Origin: Exotic; Occurrence: Sometimes present
***Crocus serotinus* Salisb.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Crocus serotinus subsp. *salzmannii* (J.Gay) B.Mathew ⊖
= *Crocus salzmannii* J.Gay
Crocus sieberi subsp. *atticus* (Boiss. & Orph.) B.Mathew Ⓐ
= *Crocus atticus* (Boiss. & Orph.) Orph.
***Crocus vernus* (L.) Hill** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Asterales

Campanulaceae

***Lobelia pedunculata* R.Br.** Ⓣ
Origin: Exotic; Occurrence: Wild
Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.

Compositae

***Scorzonera hispanica* L.** ⓄⓅ
Origin: Exotic; Occurrence: Sometimes present
***Telanthophora* H.Rob. & Brettell** ⓄⓅ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Telanthophora grandifolia* (Less.) H.Rob. & Brettell** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Myosotis albida (Kirk) Cheeseman ex Cockayne ⓈⓉ
= *Myosotis rakiura* L.B.Moore
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
***Myosotis albosericea* Hook.f.** Ⓣ
Origin: Endemic; Occurrence: Wild
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
***Myosotis brockiei* L.B.Moore & M.J.A.Simpson** Ⓣ
Origin: Endemic; Occurrence: Wild
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
***Myosotis capitata* Hook.f.** Ⓣ
Origin: Endemic; Occurrence: Wild
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
Myosotis capitata subsp. *albida* Kirk Ⓣ
= *Myosotis rakiura* L.B.Moore
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
Myosotis capitata var. *albiflora* J.B.Armstr. Ⓣ
= *Myosotis rakiura* L.B.Moore
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
Myosotis cockayneana Petrie ⊖ Ⓣ
= *Myosotis traversii* Hook.f. subsp. *traversii*
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
***Myosotis concinna* Cheeseman** Ⓣ
Origin: Endemic; Occurrence: Wild
Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.
***Myosotis goyenii* Petrie** Ⓣ
Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

***Myosotis laeta* Cheeseman** Ⓣ

Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

***Myosotis monroi* Cheeseman** Ⓣ

Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

***Myosotis rakiura* L.B.Moore** Ⓣ

Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

***Myosotis traversii* Hook.f.** Ⓣ

Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Myosotis traversii var. *cantabrica* L.B.Moore ⊖ Ⓣ

= *Myosotis traversii* subsp. *cantabrica* (L.B.Moore) Meudt

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Myosotis traversii var. *cinerascens* (Petrie) L.B.Moore ⊖ Ⓣ

= *Myosotis ×cinerascens* Petrie

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Myosotis traversii var. *cockayneana* (Petrie) Cheeseman ⊖ Ⓣ

= *Myosotis traversii* Hook.f. subsp. *traversii*

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Myosotis traversii Hook.f. var. *traversii* ⊖ Ⓣ

= *Myosotis traversii* Hook.f. subsp. *traversii*

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Boraginales

Boraginaceae

***Myosotis ×cinerascens* Petrie** ⓄⓅⓈ⊖ Ⓣ

Origin: Endemic; Occurrence: Wild

Meudt, H.M. 2021: Taxonomic revision of five species groups of ebracteate-erect *Myosotis* (Boraginaceae) endemic to New Zealand, based on morphology, and description of new subspecies. *Australian Systematic Botany 34*: 252-304.

Wigandia caracasana Kunth ⊖

= *Wigandia urens* (Ruiz & Pav.) Kunth

Caryophyllales

Phytolaccaceae

***Phytolacca* L.** Ⓟ

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

Ericales

Pentaphylacaceae

***Visnea mocanera* L.f.** ⒶⓄⓅ

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

Theaceae

***Polyspora axillaris* (Roxb. ex Ker Gawl.) Sweet ex G.Don** Ⓟ

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

Fabales
Leguminosae
Acacia sieberiana DC. Ⓐ Ⓢ ⊖ Ⓣ
= *Vachellia sieberiana* (DC.) Kyal. & Boatwr.
Kyalangalilwa, B.; Boatwright, J.; Daru, B.; Maurin, O.; Bank, M. 2013: Phylogenetic position and revised classification of *Acacia* s.l. (Fabaceae: Mimosoideae) in Africa, including new combinations in *Vachellia* and *Senegalia*. *Botanical Journal of the Linnean Society 172(4)*: 500-523.
Cercis yunnanensis Hu & W.C.Cheng Ⓢ
= *Cercis glabra* Pamp.
***Lathyrus japonicus* Willd.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.
***Robinia pseudoacacia* L.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Senna didymobotrya* (Fresen.) H.S.Irwin & Barneby** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Senna pendula* (Willd.) H.S.Irwin & Barneby** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Wisteria sinensis* (Sims) DC.** Ⓟ Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Fagales
Betulaceae
***Alnus rubra* Bong.** Ⓣ
Origin: Exotic; Occurrence: Wild
Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.
Casuarinaceae
***Allocasuarina torulosa* (Aiton) L.A.S.Johnson** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Fagaceae
Castanopsis Ⓞ Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Quercus acutissima* Carruth.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Quercus lanata* Sm.** Ⓐ Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Gentianales
Apocynaceae
Plumeria rubra f. *acutifolia* (Poir.) Woodson ⊖
= *Plumeria rubra* L.
Rubiaceae
Coprosma autumnalis Colenso ⊖ Ⓣ
= *Coprosma grandifolia* Hook.f.
Perrie, L. 2021: Proposal to conserve the name *Coprosma grandifolia* (Rubiaceae) with a conserved type. *Taxon 70(1)*: 211
***Coprosma grandifolia* Hook.f.** ⊖ Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L. 2021: Proposal to conserve the name *Coprosma grandifolia* (Rubiaceae) with a conserved type. *Taxon 70(1)*: 211
Pelaphia grandifolia Banks & Sol. ⊖ Ⓣ
= *Coprosma grandifolia* Hook.f.
Perrie, L. 2021: Proposal to conserve the name *Coprosma grandifolia* (Rubiaceae) with a conserved type. *Taxon 70(1)*: 211
Geraniales
Geraniaceae
***Pelargonium crispum* (L.) L'Hér.** Ⓟ
Origin: Exotic; Occurrence: Recorded in error
***Pelargonium graveolens* L'Hér.** Ⓟ
Origin: Exotic; Occurrence: Sometimes present

Lamiales
Bignoniaceae
***Kigelia africana* (Lam.) Benth.** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Spathodea campanulata* P.Beauv.** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Tecoma capensis (Thunb.) Lindl.
= *Tecomaria capensis* (Thunb.) Spach
***Tecomaria capensis* (Thunb.) Spach** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Labiatae
Rosmarinus officinalis L.
= *Salvia rosmarinus* Spenn.
Oleaceae
Fraxinus angustifolia 'Raywood' ⊖
= *Fraxinus angustifolia* subsp. *oxycarpa* 'Raywood'
Fraxinus angustifolia var. *oxycarpa* (Willd.) Fukarek ⊖
= *Fraxinus angustifolia* subsp. *oxycarpa* (M.Bieb. ex Willd.) Franco & Rocha Afonso
Fraxinus oxycarpa Willd. ⊖ Ⓣ
= *Fraxinus angustifolia* subsp. *oxycarpa* (M.Bieb. ex Willd.) Franco & Rocha Afonso
Paulowniaceae
***Paulownia elongata* S.Y.Hu.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Laurales
Lauraceae
***Cinnamomum camphora* (L.) J.Presl** Ⓣ
Origin: Exotic; Occurrence: Wild
Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.
***Lindera* Thunb.** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Machilus* Rumph. ex Nees** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Sassafras* J.Presl** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Magnoliales
Magnoliaceae
***Liriodendron tulipifera* L.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Magnolia doltsopa* (Buch.-Ham. ex DC.) Figlar** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Michelia figo (Lour.) Spreng.
= *Magnolia figo* (Lour.) DC.
Malpighiales
Passifloraceae
***Passiflora coccinea* Aubl.** ⒶⓅ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Putranjivaceae
***Drypetes deplanchei* (Brongn. & Griseb.) Merr.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Populus nigra* 'Italica'** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Salicaceae
***Populus ×canadensis* Moench** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Myrtales
Lythraceae
Lagerstroemia chekiangensis W.C.Cheng Ⓢ
= *Lagerstroemia limii* Merr.
Myrtaceae
***Agonis flexuosa* (Willd.) Sweet** Ⓣ
Origin: Exotic; Occurrence: Wild

Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.

***Amomyrtus* (Burret) D.Legrand & Kausel** Ⓟ
Origin: Exotic; Occurrence: Uncertain

Callistemon citrinus (Curtis) Skeels
= *Melaleuca citrina* (Curtis) Dum.Cours.

***Eucalyptus camphora* subsp. *humeana* L.A.S.Johnson & K.D.Hill** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

***Eucalyptus globulus* subsp. *bicostata* (Maiden, Blakely & Simmonds) J.B.Kirkp.** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Eucalyptus mannifera subsp. *maculosa* (R.T.Baker) L.A.S.Johnson ⊖
= *Eucalyptus mannifera* Mudie

***Eucalyptus melliodora* A.Cunn. ex Schauer** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

***Eucalyptus nicholii* Maiden & Blakely** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

***Eucalyptus nicholii* Maiden & Blakely** ⊖

Leptospermum humifusum sensu Hort. Ⓢ
= *Leptospermum rupestre* Hook.f.

***Melaleuca diosmifolia* Andrews** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

***Melaleuca linariifolia* Sm.** ⓄⓅ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

***Syzygium paniculatum* Gaertn.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Oxalidales

Elaeocarpaceae

***Elaeocarpus reticulatus* Sm.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Oxalidaceae

Oxalis corniculata L. subsp. *corniculata* ⊖
= *Oxalis corniculata* L. var. *corniculata*

***Oxalis corniculata* var. *atropurpurea* Planch.** Ⓒ
Origin: Exotic; Occurrence: Wild

Oxalis corniculata L. subsp. *corniculata* var. *corniculata* ⊖ Ⓣ
= *Oxalis corniculata* L. var. *corniculata*
Sykes, W.R. 2009: The *Oxalis corniculata* group. *New Zealand Journal of Botany 47*: 107-113.

Oxalis corniculata* L. var. *corniculata ⊖ Ⓣ
Sykes, W.R. 2009: The *Oxalis corniculata* group. *New Zealand Journal of Botany 47*: 107-113.

Oxalis corniculata var. *repens* (Thunb.) Zucc. ⊖
= *Oxalis corniculata* L. var. *corniculata*

Oxalis repens Thunb. Ⓢ⊖ Ⓣ
= *Oxalis corniculata* L. var. *corniculata*
Sykes, W.R. 2009: The *Oxalis corniculata* group. *New Zealand Journal of Botany 47*: 107-113.

Poales

Cyperaceae

Chaetospora capillacea Hook.f. ⊖ Ⓣ
= *Netrostylis capillaris* (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson
Barrett, R.L.; Bruhl, J.J.; Wilson, K.L. 2021: *Netrostylis*, a new genus of Australasian Cyperaceae removed from *Tetraria*. *Telopea 24*: 53-60.

Chaetospora capillaris F.Muell. ⊖ Ⓣ
= *Netrostylis capillaris* (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson
Barrett, R.L.; Bruhl, J.J.; Wilson, K.L. 2021: *Netrostylis*, a new genus of Australasian Cyperaceae removed from *Tetraria*. *Telopea 24*: 53-60.

Cladium capillaceum (Hook.f.) C.B.Clarke ⊖ Ⓣ
= *Netrostylis capillaris* (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson
Barrett, R.L.; Bruhl, J.J.; Wilson, K.L. 2021: *Netrostylis*, a new genus of Australasian Cyperaceae removed from *Tetraria*. *Telopea 24*: 53-60.

Machaerina capillacea (Hook.f.) T.Koyama ⊖ Ⓣ
= *Netrostylis capillaris* (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson

Barrett, R.L.; Bruhl, J.J.; Wilson, K.L. 2021: *Netrostylis*, a new genus of Australasian Cyperaceae removed from *Tetraria*. *Telopea 24*: 53-60.

***Tetraria* P.Beauv.** ⓄⓅ

Occurrence: Absent

Tetraria capillaris (F.Muell.) J.M.Black ⊖ Ⓣ

= *Netrostylis capillaris* (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson

Barrett, R.L.; Bruhl, J.J.; Wilson, K.L. 2021: *Netrostylis*, a new genus of Australasian Cyperaceae removed from *Tetraria*. *Telopea 24*: 53-60.

Proteales

Proteaceae

***Stenocarpus salignus* R.Br.** Ⓟ

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

Ranunculales

Papaveraceae

***Bocconia* Plum. ex L.** Ⓟ

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

***Bocconia frutescens* L.** Ⓟ

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

Ranunculaceae

***Clematis patens* C.Morren & Decne.** ⒶⓅ

Origin: Exotic; Occurrence: Sometimes present

***Prunus serotina* Ehrh.** Ⓟ

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

***Prunus serrulata* Lindl.** Ⓟ

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

Rosales

Rosaceae

***Prunus ×yedoensis* Matsum.** Ⓢ

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

***Prunus ×yedoensis* 'Awanui'** ⒶⓄⓅⓈ

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

Ulmaceae

Ulmus carpinifolia ⊖

= *Ulmus minor* Mill.

Ulmus glabra var. *vegeta* Loudon ⒶⓈ

= *Ulmus ×hollandica* Mill.

Sapindales

Meliaceae

***Cedrela* P.Browne** ⓄⓅ

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

***Cedrela odorata* L.** ⓄⓅⓈ

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

Rutaceae

***Nematolepis squamea* (Labill.) Paul G.Wilson** Ⓢ

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

***Tetradium daniellii* (Benn.) T.G.Hartley** Ⓢ

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

Saxifragales

Crassulaceae

***Crassula alata* (Viv.) A.Berger** Ⓣ

Origin: Exotic; Occurrence: Sometimes present

Ogle, C.C.; de Lange, P.J.; Cameron, E.K.; Parris, B.S.; Champion, P.D. 2021: Checklist of dicotyledons, gymnosperms and pteridophytes naturalised or casual in New Zealand: Additional records 2007–2019. *Perspectives in Biosecurity Research Series 5*: 45-116.

Hamamelidaceae

***Liquidambar styraciflua* L.** Ⓟ

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

***Parrotia persica* (DC.) C.A.Mey.** ⒶⓈ

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

Zingiberales

Zingiberaceae

***Alpinia* Roxb.** ⓄⓅ

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

Pinopsida
Pinales
Araucariaceae
***Araucaria luxurians* (Brongn. & Gris) de Laub.** Ⓐ Ⓞ Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Cupressaceae
***Callitris macleayana* (F.Muell.) F.Muell.** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Thujopsis* Siebold & Zucc. ex Endl.** Ⓞ Ⓟ Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Widdringtonia* Endl.** Ⓞ Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Pinaceae
***Pinus armandi* Franch.** Ⓢ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Polypodiopsida
Polypodiales
Dryopteridaceae
Aspidium coriaceum var. *acutidentatum* A.Rich. ⊖
= *unknown*
Aspidium glabellum (A.Cunn.) E.J.Lowe ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Ctenitis glabella (A.Cunn.) Copel. ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
***Dryopteridaceae* Herter** Ⓞ Ⓢ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Brownsey, P.J.; Perrie, L.R.2021: Dryopteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
Dryopteris glabella (A.Cunn.) C.Chr. ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Lastreopsis glabella (A.Cunn.) Tindale ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Lastreopsis kermadecensis Perrie & Brownsey ⊖ Ⓣ
= *Parapolystichum kermadecense* (Perrie & Brownsey) Perrie & L.D.Sheph.
Lastreopsis microsora (Endl.) Tindale ⊖
= *Parapolystichum microsorum* (Endl.) Labiak, Sundue & R.C.Moran
Nephrodium decompositum var. *glabellum* (A.Cunn.) Hook.f. ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Nephrodium decompositum var. *microphyllum* Hook. ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Nephrodium glabellum A.Cunn. ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran
Pteridaceae
***Adiantum hispidulum* Sw.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
Allosorus rotundifolia (G.Forst.) Kunze Ⓣ
= *Pellaea rotundifolia* (G.Forst.) Hook.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
Litobrochia macilenta (A.Rich.) J.Sm. Ⓣ
= *Pteris macilenta* A.Rich.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
Pellaea rotundifolia var. *oblongifolia* Hook. ⊖ Ⓣ
= *Pellaea rotundifolia* (G.Forst.) Hook.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*
***Pteridaceae* E.D.M.Kirchn.** Ⓞ
Origin: Non-endemic; Occurrence: Wild
Pteris affinis A.Rich. Ⓣ
= *Pteris tremula* R.Br.

Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

***Pteris dentata* Forssk.** Ⓟ
Origin: Exotic; Occurrence: Wild

Pteris lomarioides Colenso ⊖ Ⓣ
= *Pteris parkeri* hort. ex J.J.Parker
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris macilenta var. *pendula* (Colenso) Cheeseman Ⓣ
= *Pteris macilenta* A.Rich.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris macilenta var. *saxatilis* Carse Ⓣ
= *Pteris saxatilis* (Carse) Carse
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

***Pteris pacifica* Hieron.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

***Pteris parkeri* hort. ex J.J.Parker** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris pendula Colenso Ⓣ
= *Pteris macilenta* A.Rich.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris rotundifolia G.Forst. Ⓣ
= *Pellaea rotundifolia* (G.Forst.) Hook.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

***Pteris saxatilis* (Carse) Carse** Ⓣ
Origin: Endemic; Occurrence: Wild
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris tenuis A.Cunn. Ⓣ
= *Pteris tremula* R.Br.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

***Pteris tremula* R.Br.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Pteris tremula var. *tenuis* (A.Cunn.) Domin Ⓣ
= *Pteris tremula* R.Br.
Brownsey, P.J.; Perrie, L.R.2021: Pteridaceae. *In* : *Flora of New Zealand — Ferns and Lycophytes;*

Thelypteridaceae

Lastrea glabella (A.Cunn.) Houlston & T.Moore ⊖
= *Parapolystichum glabellum* (A.Cunn.) Labiak, Sundue & R.C.Moran


Manaaki
Whenua
PRESS