



# Plant Names Database: Quarterly changes

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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:

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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](mailto: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 December 2018 and 27 February 2019.

## Notification Service

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

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

## Acknowledgements

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

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

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# **Index of changes for Ascomycetes**

# Index of changes for Bryatae

# Index of changes for Hepaticae

# Index of changes for Magnoliopsida

## Preferred Name change

Alsine pallida .....	10
Cardamine “Turoa” .....	10
Eucalyptus calophylla .....	10
Sarcocornia quinqueflora subsp. quinqueflora .....	10
Stellaria pallida .....	10

## Biostatus change

Adonidia .....	10
Cabombaceae .....	10
Caladium .....	9
Maranta .....	11
Nymphaeales .....	10
Viola hederacea .....	10
Viola hederacea subsp. hederacea .....	10

## Taxonomy Article change

Cardamine “Turoa” .....	10
Hydatella inconspicua .....	10
Pomaderris rugosa .....	10
Trithuria .....	10
Trithuria inconspicua .....	10

## Spelling change

Cabombaceae .....	10
Caladium .....	9
Maranta .....	11

# Index of changes for Polypodiopsida

## Biostatus change

Nephrolepidaceae .....	11
Nephrolepis exaltata .....	11

## Taxonomy Article change

Aspidium cordifolium .....	11
Aspidium exaltatum .....	11
Aspidium tuberosum .....	11
Nephrodium tuberosum .....	11
Nephrolepis auriculata .....	11
<b>Nephrolepis exaltata</b> .....	11
<b>Nephrolepis flexuosa</b> .....	11
Polypodium auriculatum .....	11
Polypodium cordifolium .....	11

# 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)

## Bryopsida

### Dicranales

#### Dicranaceae

- Aongstroemia euphoroclada* Müll.Hal. ⊖ ⊕  
= ***Campylopodium capillaceum* (Hook.f. & Wilson) Fife**  
Fife, A.J.2019: Dicranaceae. In : *Flora of New Zealand – Mosses*;  
*Campylopodium euphorocladum* (Müll.Hal.) Besch. ⊖ ⊕  
= ***Campylopodium capillaceum* (Hook.f. & Wilson) Fife**  
Fife, A.J.2019: Dicranaceae. In : *Flora of New Zealand – Mosses*;  
*Campylopodium medium* (Duby) Giese & J.-P.Frahm ⊖ ⊕  
= ***Campylopodium capillaceum* (Hook.f. & Wilson) Fife**  
Fife, A.J.2019: Dicranaceae. In : *Flora of New Zealand – Mosses*;  
***Dicranoloma eucamptodontoides* (Broth. & Geh.) Paris** ⊙ ⊕  
Occurrence: Absent

#### Rhabdoweisiaceae

- Dicranoweisia spenceri* Dixon & Sainsbury ⊖ ⊕  
= ***Kiaeria spenceri* (Dixon & Sainsbury) Fife**  
Fife, A.J.2019: Dicranaceae. In : *Flora of New Zealand – Mosses*;

### Hypnales

#### Hypnaceae

- Hypnum albescens* Hook. ⊕  
= ***Isopterygium albescens* (Hook.) A.Jaeger**  
Australian Mosses Online 14.  
Pylaisiadelphaceae [http://www.anbg.gov.au/abrs/Mosses\\_online/014\\_Pylaisiadelphaceae.html](http://www.anbg.gov.au/abrs/Mosses_online/014_Pylaisiadelphaceae.html)  
*Hypnum lucidum* Hook.f. & Wilson ⊕  
= ***Plagiothecium lucidum* (Hook.f. & Wilson) Paris**

#### Pylaisiadelphaceae

- Isopterygium albescens* (Hook.) A.Jaeger** ⊕  
Occurrence: Absent  
Australian Mosses Online 14.  
Pylaisiadelphaceae [http://www.anbg.gov.au/abrs/Mosses\\_online/014\\_Pylaisiadelphaceae.html](http://www.anbg.gov.au/abrs/Mosses_online/014_Pylaisiadelphaceae.html)

### Pottiales

#### Pottiaceae

- Didymodon medius* Duby ⊖ ⊕  
= ***Campylopodium capillaceum* (Hook.f. & Wilson) Fife**  
Fife, A.J.2019: Dicranaceae. In : *Flora of New Zealand – Mosses*;

### Ptychomniales

#### Ptychomniaceae

- Cladomnion sciuroides* (Hook.) Hook.f. & Wilson ⊙  
= ***Glyphothecium sciuroides* (Hook.) Hampe**  
*Hampeella kurzii* Müll.Hal. ⊖  
= ***Hampeella pallens* (Sande Lac.) M.Fleisch.**  
***Tetraphidopsis* Broth. & Dixon** ⊙  
Origin: Non-endemic; Occurrence: Wild  
***Tetraphidopsis pusilla* (Hook.f. & Wilson) Dixon** ⊙  
Origin: Non-endemic; Occurrence: Wild

## Magnoliopsida

### Alismatales

#### Araceae

- Caladium* Vent.** ⊙ ⊕ ⊙  
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Arecales

Palmae

**Adonidia Becc.** ☉Ⓟ

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

Brassicales

Cruciferae

*Cardamine "Turoa"* ☉Ⓟ

= **Cardamine panatohea Heenan & de Lange**

Heenan, P.B.: de Lange, P.J. 2018: *Cardamine panatohea* (Brassicaceae), a new, threatened, alpine species from New Zealand. *Phytotaxa* 379(3): 255-260.

Caryophyllales

Amaranthaceae

*Sarcocornia quinqueflora* (Bunge ex Ung.-Sternb.) A.J.Scott subsp. *quinqueflora* ☉

= **Salicornia quinqueflora Bunge ex Ung.-Sternb. subsp. quinqueflora**

Caryophyllaceae

*Alsine pallida* Dumort. ☉

= **Stellaria pallida (Dumort.) Crép.**

*Stellaria pallida* (Dumort.) Piré ☉

= **Stellaria pallida (Dumort.) Crép.**

Malpighiales

Violaceae

**Viola hederacea Labill.** Ⓟ

Origin: Exotic; Occurrence: Absent

**Viola hederacea Labill. subsp. hederacea** Ⓟ

Origin: Exotic; Occurrence: Absent

Myrtales

Myrtaceae

*Eucalyptus calophylla* R.Br. ex Lindl. ☉

= **Corymbia calophylla (R.Br. ex Lindl.) K.D.Hill & L.A.S.Johnson**

Nymphaeales

**Nymphaeales Salisb. ex Bercht. & J.Presl** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

Cabombaceae

**Cabombaceae Rich. ex A.Rich.** ⓅⓅ

Origin: Exotic; Occurrence: Wild

Hydatellaceae

*Hydatella inconspicua* (Cheeseman) Cheeseman Ⓟ

= **Trithuria inconspicua Cheeseman**

Smissen, R.D.; Ford, K.A.; Champion, P.D.; Heenan, P.B. 2019: Genetic variation in *Trithuria inconspicua* and *T. filamentosa* (Hydatellaceae): a new subspecies and a hypothesis of apomixis arising within a predominantly selfing lineage. *Australian Systematic Botany* 32: 1-11.

**Trithuria Hook.f.** Ⓟ

Origin: Non-endemic; Occurrence: Wild

Smissen, R.D.; Ford, K.A.; Champion, P.D.; Heenan, P.B. 2019: Genetic variation in *Trithuria inconspicua* and *T. filamentosa* (Hydatellaceae): a new subspecies and a hypothesis of apomixis arising within a predominantly selfing lineage. *Australian Systematic Botany* 32: 1-11.

**Trithuria inconspicua Cheeseman** Ⓟ

Origin: Endemic; Occurrence: Wild

Smissen, R.D.; Ford, K.A.; Champion, P.D.; Heenan, P.B. 2019: Genetic variation in *Trithuria inconspicua* and *T. filamentosa* (Hydatellaceae): a new subspecies and a hypothesis of apomixis arising within a predominantly selfing lineage. *Australian Systematic Botany* 32: 1-11.

Rosales

Rhamnaceae

**Pomaderris rugosa Cheeseman** Ⓟ

Origin: Endemic; Occurrence: Wild

Webb, C.J.; Sykes, W.R.; Garnock-Jones, P.J. 1988: *Flora of New Zealand. Vol. IV. Naturalised Pteridophytes, Gymnosperms, Dicotyledons*. Christchurch, Botany Division DSIR.

- Solanales  
 Solanaceae  
*Solanum physalifolium* var. *nitidibaccatum* (Bitter) Edmonds  
 = ***Solanum nitidibaccatum* Bitter**
- Zingiberales  
 Marantaceae  
**Maranta L.** ☉ⓅⓈ  
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Polypodiopsida  
 Polypodiales  
 Dryopteridaceae  
*Aspidium cordifolium* (L.) Sw. ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
*Aspidium exaltatum* (L.) Sw. ①  
 = ***Nephrolepis exaltata* (L.) Schott**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
*Aspidium tuberosum* Bory ex Willd. ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
*Nephrodium tuberosum* (Bory ex Willd.) Desv. ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;
- Nephrolepidaceae  
**Nephrolepidaceae Pic.Serm.** ☉  
 Origin: Non-endemic; Occurrence: Wild  
*Nephrolepis auriculata* (L.) Trimen ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
***Nephrolepis exaltata* (L.) Schott** Ⓟ①  
 Origin: Exotic; Occurrence: Sometimes present  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
***Nephrolepis flexuosa* Colenso** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;
- Polypodiaceae  
*Polypodium auriculatum* L. ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;  
*Polypodium cordifolium* L. ①  
 = ***Nephrolepis cordifolia* (L.) C.Presl**  
 Brownsey, P.J.; Perrie, L.R.2019: Nephrolepidaceae. In : *Flora of New Zealand — Ferns and Lycophytes*;

