# 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:

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**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 August 2014 and 26 November 2014.

## 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

## Preferred Name change



## Biostatus change



## Taxonomy Article change



## Spelling change

# Index of changes for Bryatae

## Additions



## Preferred Name change



## Biostatus change



## Classification change



## Taxonomy Article change



## Spelling change

# Index of changes for Hepaticae

## Additions



## Preferred Name change



## Biostatus change



## Taxonomy Article change

## Spelling change

# Index of changes for Magnoliopsida

## Additions



## Merges or Deletions



## Preferred Name change



## Biostatus change



## Taxonomy Article change

## Spelling change

# Index of changes for Polypodiopsida

## Merges or Deletions



## 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)

Anthocerotae
- Anthocerotales
  - Anthocerotaceae
    - ***Megaceros flagellaris*** **(Mitt.) Steph.** ⓄⓄⓅⓅ
      - Occurrence: Absent
    - ***Megaceros grandis*** **(Ångstr.) Steph.** ⊜
    - ***Megaceros zotovii*** **Khanna** ⊜

Ascomycetes
- Strigulaceae
  - ***Strigula*** **Fr.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula affinis*** **(A.Massal.) R.C.Harris** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula albicascens*** **(Nyl.) R.C.Harris** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula australiensis*** **P.M.McCarthy** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula decipiens*** **(Malme) P.M.McCarthy** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula delicata*** **Sérus.** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild
  - ***Strigula fossulicola*** **P.M.McCarthy, Streimann & Elix** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula fracticonidia*** **R.C.Harris** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild
  - ***Strigula indutula*** **(Nyl.) R.C.Harris** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula johnsonii*** **P.M.McCarthy** ⓄⓄ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula kaitokensis*** **Sérus. & Polly** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild
  - ***Strigula melanobapha*** **(Kremp.) R.Sant.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula nemathora*** **Mont.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula novae-zelandiae*** **(Nag Raj) Sérus.** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild
  - ***Strigula occulta*** **P.M.McCarthy & Malcolm** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild
  - ***Strigula oceanica*** **P.M.McCarthy, Streimann & Elix** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula orbicularis*** **Fr.** ⓄⓄⓅⓅⓈⓈ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula prasina*** **Müll.Arg.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula schizospora*** **R.Sant.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula smaragdula*** **Fr.** ⓄⓄⓅⓅⓈⓈ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula subelegans*** **Vain.** ⓄⓄⓅⓅ
    - Origin: Non-endemic; Occurrence: Wild
  - ***Strigula subsimplicans*** **(Nyl.) R.C.Harris** ⓄⓄⓅⓅ
    - Origin: Endemic; Occurrence: Wild

***Strigula subtilissima* (Fée) Müll.Arg.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Lecanorales
Acarosporaceae
***Sporastatia* A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
*Sporastatia nigra* C.W.Dodge ⊜
**= *Sporastatia testudinea* (Ach.) A.Massal.**
***Sporastatia testudinea* (Ach.) A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Strangospora* Körb.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Strangospora deplanata* (Almq.) Clauzade & Cl.Roux** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Coccocarpiaceae
***Spilonema* Bornet** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Spilonema dendroides* Henssen** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Ectolechiaceae
***Sporopodium* Mont.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sporopodium phyllocharis* (Mont.) A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Sphaerophoraceae
***Sphaerophorus stereocauloides* Nyl.** ⓄⓅ
Origin: Endemic; Occurrence: Wild
Stereocaulaceae
***Stereocaulon* Hoffm.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon argus* Hook.f. & Taylor** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Stereocaulon caespitosum* Redinger** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon colensoi* C.Bab.** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Stereocaulon corticatulum* Nyl.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon delisei* Bory ex Duby** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon fronduliferum* I.M.Lamb** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Stereocaulon gregarium* Redinger** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon loricatum* I.M.Lamb** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Stereocaulon ramulosum* Räuschel** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon trachyphloeum* I.M.Lamb** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon vesuvianum* Pers.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stereocaulon wadei* I.M.Lamb** ⓄⓅ
Origin: Endemic; Occurrence: Wild
Mycocaliciales
Sphinctrinaceae
***Sphinctrina* Fr.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sphinctrina tubaeformis* A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Mycosphaerellales
Mycosphaerellaceae
***Stigmidium* Trevis.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild

***Stigmidium congestum* (Körb.) Triebel** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stigmidium frigidum* (Sacc.) Alstrup & D.Hawksw.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Stigmidium pumilum* (Lettau) Matzer & Hafellner** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Peltigerales
Lobariaceae
*Lobaria rubella* (Hook.f. & Taylor) Kuntze Ⓣ
**= *Crocodia rubella* (Hook.f. & Taylor) Trevis.**
*Pseudocyphellaria ardesiaca* D.J.Galloway ⊖ Ⓣ
**= *Podostictina ardesiaca* (D.J.Galloway) Moncada & Lücking**
Moncada, B.; Reidy, B.; Lücking, R. 2014: A phylogenetic revision of Hawaiian *Pseudocyphellaria* sensu lato (lichenized Ascomycota: Lobariaceae) reveals eight new species and a high degree of inferred endemism. *Bryologist 117*: 119-160.
*Pseudocyphellaria degelii* D.J.Galloway & P.James ⊖ Ⓣ
**= *Podostictina degelii* (D.J.Galloway) Moncada & Lücking**
Moncada, B.; Reidy, B.; Lücking, R. 2014: A phylogenetic revision of Hawaiian *Pseudocyphellaria* sensu lato (lichenized Ascomycota: Lobariaceae) reveals eight new species and a high degree of inferred endemism. *117*: 119-160.
*Pseudocyphellaria pickeringii* (Tuck.) D.J.Galloway ⊖ Ⓣ
**= *Podostictina pickeringii* (Tuck.) Moncada & Lücking**
Moncada, B.; Reidy, B.; Lücking, R. 2014: A phylogenetic revision of Hawaiian *Pseudocyphellaria* sensu lato (lichenized Ascomycota: Lobariaceae) reveals eight new species and a high degree of inferred endemism. *117*: 119-160.
*Pseudocyphellaria rubella* (Hook.f. & Taylor) D.J.Galloway & P.James ⊖
**= *Crocodia rubella* (Hook.f. & Taylor) Trevis.**
***Sticta* (Schreb.) Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sticta babingtonii* D.J.Galloway** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta caliginosa* D.J.Galloway** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta cinereoglauca* Hook.f. & Taylor** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta colinii* D.J.Galloway** ⓄⓅ
Origin: Endemic; Occurrence: Wild
*Sticta crocata* (L.) Ach. Ⓢ⊖
**= *Pseudocyphellaria crocata* (L.) Vain.**
*Sticta durvillei* var. *flavicans* f. *laceratula* Kremp. Ⓢ
**= *Pseudocyphellaria pickeringii* (Tuck.) D.J.Galloway**
***Sticta filix* (Sw.) Nyl.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sticta fuliginosa* (Hoffm.) Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sticta lacera* (Hook.f. & Taylor) Müll.Arg.** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta latifrons* A.Rich.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sticta limbata* (Sm.) Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Sticta livida* Kremp.** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta martinii* D.J.Galloway** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
*Sticta pickeringii* Tuck. ⊖ Ⓣ
**= *Podostictina pickeringii* (Tuck.) Moncada & Lücking**
Moncada, B.; Reidy, B.; Lücking, R. 2014: A phylogenetic revision of Hawaiian *Pseudocyphellaria* sensu lato (lichenized Ascomycota: Lobariaceae) reveals eight new species and a high degree of inferred endemism. *117*: 119-160.
***Sticta squamata* D.J.Galloway** ⓄⓅ
Origin: Endemic; Occurrence: Wild
***Sticta subcaperata* (Nyl.) Nyl.** ⓄⓅ
Origin: Endemic; Occurrence: Wild

***Sticta sublimbata* (J.Steiner) Swinscow & Krog** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Peltigeraceae
***Solorina* Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Solorina crocea* (L.) Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Solorina spongiosa* (Sm.) Anzi** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Teloschistales
Teloschistaceae
***Caloplaca allanii* Zahlbr.** Ⓣ
Origin: Endemic; Occurrence: Wild
Sparkes, J.H.; de Lange, P.J.; Blanchon, D.J. 2014: Notes on *Caloplaca allanii* Zahlbr. (Teloschistaceae) a poorly known West Auckland, North Island, New Zealand endemic. *New Zealand Journal of Botany 52(3)*: 304-309.
Verrucariales
Verrucariaceae
***Staurothele* Norman** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Staurothele fissa* (Taylor) Zwackh** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Bryatae
*Conomitrium perpusillum* Müll.Hal. & Hampe Ⓢ
**= *Fissidens tenellus* var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone**
***Hedwigidium* Bruch & Schimp.** ⓄⓅⓈⓉ
Origin: Non-endemic; Occurrence: Wild
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
***Psilopilum* Brid.** Ⓒ
Occurrence: Absent
Bryaceae
*Bryum urceolatum* Schimp. IN Dixon Ⓢ
**= *Bryum dichotomum* Hedw.**
Cyrtopodaceae
***Cyrtopodaceae*** ⓄⓅ
Dicranaceae
***Chorisodontium* (Mitt.) Broth.** ⓄⓅ
Occurrence: Absent
Ephemeropsaceae
***Ephemeropsaceae*** ⓄⓅ
Fissidentaceae
*Fissidens abbreviatus* Mitt. Ⓣ
**= *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone**
*Fissidens aeruginosus* var. *allisonii* (Dixon & Sainsbury) I.G.Stone ⊖
**= *Fissidens linearis* Brid.**
*Fissidens aeruginosus* var. *arcuatulus* (Broth. & Watts) I.G.Stone ⊖
**= *Fissidens linearis* Brid.**
*Fissidens allisonii* Dixon & Sainsbury ⊖ Ⓣ
**= *Fissidens linearis* Brid.**
*Fissidens aniosphyllus* sensu Sainsbury Ⓢ
**= *Fissidens blechnoides* J.E.Beever**
*Fissidens arboreus* Broth. Ⓢ
**= *Fissidens hyophilus* Mitt.**
*Fissidens arcuatulus* Broth. & Watts Ⓢ⊖
**= *Fissidens linearis* Brid.**
***Fissidens berteroi* (Mont.) Müll.Hal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Fissidens bryoides* Hedw.** Ⓣ
Origin: Exotic; Occurrence: Wild
*Fissidens campyloneurus* Beckett ⊖
**= *Fissidens curvatus* Hornsch.**
*Fissidens humilis* var. *allisonii* (Dixon & Sainsbury) Sainsbury ⊖ Ⓣ
**= *Fissidens linearis* Brid.**

*Fissidens humilis* var. *angustifolius* Dixon Ⓣ
**= *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone**
*Fissidens inclinabilis* Dixon ⓈⓉ
**= *Fissidens curvatus* var. *inclinabilis* (Dixon) J.E.Beever**
Beever, J.E.2014: Fissidentaceae. *In* : *Flora of New Zealand — Mosses;*
*Fissidens leptocladus* var. *cheesemanii* Dixon Ⓣ
**= *Fissidens leptocladus* Müll.Hal. ex Rodway**
***Fissidens megalotis* Müll.Hal.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Fissidens megalotis* Müll.Hal. subsp. *megalotis*** ⒶⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild
*Fissidens parvulus* Dixon Ⓢ⊖
**= *Fissidens tenellus* Hook.f. & Wilson**
*Fissidens pungens* Müll.Hal. & Hampe ⊖
**= *Fissidens curvatus* Hornsch.**
*Fissidens pygmaeus* Taylor Ⓢ
**= *Fissidens taylorii* Müll.Hal.**
*Fissidens ramiger* Beckett ⊖
**= *Fissidens taylorii* Müll.Hal.**
***Fissidens rigidulus* Hook.f. & Wilson var. *rigidulus*** Ⓣ
Origin: Non-endemic; Occurrence: Wild
***Fissidens tenellus* var. *leptochaete* (Dusén) J.E.Beever & I.G.Stone** ⓄⓅ
Occurrence: Absent
*Fissidens viridulus* var. *acuminatus* Hook.f. & Wilson ⊖
**= *Fissidens curvatus* Hornsch.**
***Fissidentaceae*** Ⓣ
Origin: Non-endemic; Occurrence: Wild

Hedwigiaceae
***Hedwigia* P.Beauv.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
*Hedwigia albicans* Lindb. ⓈⓉ
**= *Hedwigia ciliata* (Hedw.) P.Beauv.**
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
***Hedwigia ciliata* (Hedw.) P.Beauv.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
***Hedwigiaceae*** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
***Hedwigidium integrifolium* (P.Beauv.) C.E.O.Jensen** ⓈⓉ
Origin: Non-endemic; Occurrence: Present
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*

Hylocomiaceae
***Hylocomium* Schimp.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Hylocomium splendens* (Hedw.) Schimp.** Ⓢ
Origin: Non-endemic; Occurrence: Wild

Hypnaceae
*Hypnum squarrosum* Hedw. Ⓣ
**= *Rhytidiadelphus squarrosus* (Hedw.) Warnst.**
Fife, A.J.2014: Hylocomiaceae. *In* : *Flora of New Zealand — Mosses;*

Orthotrichaceae
*Bryomaltaea obtusifolia* (Hook.) Goffinet ⊖ Ⓣ
**= *Zygodon obtusifolius* Hook.**
Calabrese, G.M. 2006: A taxonomic revision of *Zygodon* (Orthotrichaceae) in southern South America. *Bryologist 109*: 453-509.
***Macromitrium angulatum* Mitt.** ⓄⓅ
Occurrence: Absent
*Macromitrium eucalyptorum* Hampe & Müll.Hal. ⊖
**= *Macrocoma tenue* (Hook. & Grev.) Vitt**
*Macromitrium eucalyptorum* var. *recurvulum* (Müll.Hal.) Sainsbury ⊖
**= *Macrocoma tenue* (Hook. & Grev.) Vitt**

*Macromitrium gracile* var. *retusum* (Hook. f. & Wilson) Sainsbury Ⓢ
**= *Macromitrium retusum* Hook.f. & Wilson**
*Macromitrium microphyllum* sensu Allison & Child ⊖
**= *Macrocoma tenue* (Hook. & Grev.) Vitt**
*Orthotrichum acroblepharis* Müll.Hal. ⒶⓈ
**= *Orthotrichum assimile* Müll.Hal.**
*Orthotrichum alpestre* sensu auct., including Sainsbury, 1955 Ⓢ
**= *Orthotrichum assimile* Müll.Hal.**
***Orthotrichum aucklandicum* (Vitt) Goffinet** Ⓢ
Origin: Endemic; Occurrence: Wild
*Orthotrichum austropulchellum* Müll.Hal. ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum beckettii* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum clintonii* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum conicorostrum* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
***Orthotrichum crassifolium* Hook.f. & Wilson subsp. *crassifolium*** Ⓢ
Origin: Non-endemic; Occurrence: Wild
*Orthotrichum cylindrothecum* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
***Orthotrichum graphiomitrium* Müll.Hal. ex Beckett** Ⓢ
Origin: Endemic; Occurrence: Wild
*Orthotrichum inaequale* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum lancifolium* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum latorum* R.Br.bis ⊖
**= *Orthotrichum rupestre* Schwägr.**
*Orthotrichum luteum* Mitt. in Hook.f. & Wilson Ⓢ
**= *Ulota lutea* (Hook.f. & Wilson) Mitt.**
*Orthotrichum nudum* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum oamaruanum* R.Br.bis ⊖
**= *Orthotrichum cupulatum* Brid.**
*Orthotrichum oamaruense* R.Br.bis ⊖
**= *Orthotrichum cupulatum* Brid.**
*Orthotrichum obliquum* R.Br.bis ⊖
**= *Orthotrichum tasmanicum* Hook.f. & Wilson**
*Orthotrichum praeperistomatum* Venturi ⊖
**= *Orthotrichum rupestre* Schwägr.**
*Orthotrichum pseudopumilum* Venturi Ⓢ
**= *Orthotrichum cyathiforme* R.Br.bis**
*Orthotrichum reflexum* R.Br.bis ⊖
**= *Orthotrichum rupestre* Schwägr.**
*Orthotrichum rupestriforme* Venturi ⊖
**= *Orthotrichum rupestre* Schwägr.**
***Ulota perichaetialis* (Sainsbury) Goffinet** Ⓣ
Origin: Endemic; Occurrence: Wild
Goffinet, B.; Vitt, D.H.. 1998: Revised generic classification of the Orthotrichaceae based on a molecular phylogeny and comparative morphology. *In*: Bryology for the Twenty-First Century. *Revised generic classification of the Orthotrichaceae based on a molecular phylogeny and comparative morphology.* Leeds, Maney Publishing and British Byological Society. 143-159.
*Zygodon neglectus* Müll.Hal. ⊖ Ⓣ
**= *Zygodon obtusifolius* Hook.**
Calabrese, G.M. 2006: A taxonomic revision of *Zygodon* (Orthotrichaceae) in southern South America. *Bryologist 109*: 453-509.
***Zygodon obtusifolius* Hook.** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Calabrese, G.M. 2006: A taxonomic revision of *Zygodon* (Orthotrichaceae) in southern South America. *Bryologist 109*: 453-509.

*Zygodon rodwayi* Broth. ⊖
**= *Codonoblepharon gracillimum* (M.Fleisch) Matcham & O'Shea**
Rhabdoweisiaceae
*Anictangium ciliatum* Hedw. Ⓣ
**= *Hedwigia ciliata* (Hedw.) P.Beauv.**
Fife, A.J.2014: Hedwigiaceae. *In* : *Flora of New Zealand — Mosses;*
Rhytidiaceae
***Rhytidiaceae*** ⓄⓅ
Thuidiaceae
*Thuidium sparsum* (Hook.f. & Wilson) Reichardt ⊖ Ⓣ
**= *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.**
*Thuidium sparsum* (Hook.f. & Wilson) Reichardt var. *sparsum* ⊖
**= *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.**
Hepaticae
Jungermanniales
Balantiopsaceae
*Isotachis mitteniana* Colenso ⊖ Ⓣ
**= *Cryptolophocolea mitteniana* (Colenso) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
Frullaniaceae
***Frullania engelii* S.Hatt.** ⓄⓅ
Occurrence: Absent
Geocalycaceae
*Chiloscyphus erectifolius* (Steph.) Steph. ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Chiloscyphus erraticus* W.Martin & E.A.Hodgs. ⊖ Ⓣ
**= *Leptoscyphus erraticus* (Martin & E.A.Hodgs.) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.
*Chiloscyphus mittenianus* (Colenso) J.J.Engel ⊖ Ⓣ
**= *Cryptolophocolea mitteniana* (Colenso) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Chiloscyphus mittenianus* var. *obtusus* J.J.Engel ⊖ Ⓣ
**= *Cryptolophocolea mitteniana* var. *obtusata* (J.J.Engel) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Chiloscyphus mittenianus* var. *symmetricus* J.J.Engel ⊖ Ⓣ
**= *Cryptolophocolea mitteniana* var. *symmetrica* (J.J.Engel) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Chiloscyphus multipennus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Chiloscyphus multispinus* E.A.Hodgs. & Allison ⊖ Ⓣ
**= *Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.
*Chiloscyphus pallidus* (Mitt.) J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**

Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Chiloscyphus pearsonii* J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Cryptolophocolea trialata* (Gottsche) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Chiloscyphus physanthus* (Hook.f. & Taylor) Mitt. ⊖ Ⓣ
**= *Leptoscyphus physanthus* (hook.f. & Taylor) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.

*Chiloscyphus spinifer* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Chiloscyphus trialatus* (Gottsche) J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Cryptolophocolea trialata* (Gottsche) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Chiloscyphus tuberculatus* J.J.Engel ⊖ Ⓣ
**= *Cryptolophocolea tuberculata* (J.J.Engel). L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Chiloscyphus vulcanicus* Colenso ⊖ Ⓣ
**= *Cryptolophocolea mitteniana* (Colenso) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Clasmatocolea paucistipula* (Rodw. Grolle Ⓣ
**= *Hepatostolonophora paucistipula* (Rodw.) J.J.Engel**
Engel, J.J. 2011: Studies of New Zealand Hepaticae. 56-68. A miscellanea of new taxa and combinations.. *Nova Hedwigia 93*: 401-410.

***Cryptolophocolea* L.Söderstr., Crand.-Stotl. & Vána** ⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild

*Cyanolophocolea echinella* (Lindenb. & Gottsche) R.M.Schust.
**= *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & XiaoL.He**

***Hepatostolonophora*** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild

***Hepatostolonophora paucistipula* (Rodway) J.J.Engel** ⓈⓉ
Origin: Non-endemic; Occurrence: Wild
Engel, J.J. 2011: Studies of New Zealand Hepaticae. 56-68. A miscellanea of new taxa and combinations.. *Nova Hedwigia 93*: 401-410.

***Heteroscyphus ammophilus* (Colenso) R.M.Schust.** ⓄⓉ
Origin: Non-endemic; Occurrence: Wild
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.

***Heteroscyphus ammophilus* (Colenso) R.M.Schust. var. *ammophilus*** ⒶⓄⓅ
Origin: Non-endemic; Occurrence: Wild

***Heteroscyphus assurgentifolius* J.J.Engel** ⒶⓄⓅ
Origin: Endemic; Occurrence: Wild

***Heteroscyphus circumdentatus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

***Heteroscyphus conjugatus* (Mitt.) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

*Heteroscyphus erraticus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust. ⊖ Ⓣ
**= *Leptoscyphus erraticus* (Martin & E.A.Hodgs.) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.

***Heteroscyphus furcistipulus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

***Heteroscyphus hastatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

***Heteroscyphus lingulatus* (Colenso) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

***Heteroscyphus menziesii* (Mitt.) J.J.Engel** Ⓢ
Origin: Endemic; Occurrence: Wild

***Heteroscyphus mononuculus* J.J.Engel** Ⓞ
Origin: Non-endemic; Occurrence: Wild

***Heteroscyphus mononuculus* J.J.Engel var. *mononuculus*** ⒶⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild

*Heteroscyphus multispinus* (E.A.Hodgs. & Allison) J.J.Engel & R.M.Schust ⊖ Ⓣ
**= *Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.

*Heteroscyphus physanthus* (Hook.f. & Taylor) R.M.Schust. Ⓢ⊖ Ⓣ
**= *Leptoscyphus physanthus* (hook.f. & Taylor) J.J.Engel**
Engel, J.J. 2014: Studies on Lophocoleaceae XXIII. Novelties in *Heteroscyphus* Schiffn. together with refinements in *Cryptolophocolea* L. Söderstr., Crand.-Stotl., Stotler & Váňa and *Leptoscyphus* Mitt.. *Nova Hedwigia 99(1)*: 157-170.

***Heteroscyphus splendidus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.** Ⓣ
Origin: Endemic; Occurrence: Wild
Engel, J.J.; Schuster, R. M. 1985[1984] : An overview and evaluation of the genera of Geocalycaceae subfamily Lophocoleoideae (Hepaticae). *Nova Hedwigia 39*: 385-445.

***Heteroscyphus stoloniferus* J.J.Engel** Ⓢ
Origin: Endemic; Occurrence: Wild

***Leptoscyphus erraticus* (Martin & E.A.Hodgs.) J.J.Engel** ⒶⓄⓅ
Origin: Endemic; Occurrence: Wild

*Lophocolea bicuspidata* Pearson ⊖ Ⓣ
**= *Cryptolophocolea trialata* (Gottsche) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Lophocolea erectifolia* Steph. ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Lophocolea multipenna* (Hook.f. & Taylor) Hook.f. & Taylor ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Lophocolea spinifera* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees ⊖ Ⓣ
**= *Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.**

*Lophocolea trialata* Gottsche ⊖ Ⓣ
**= *Cryptolophocolea trialata* (Gottsche) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18

*Lophocolea zuernii* Steph. ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
***Stolonivector clasmatocoleoides* J.J.Engel** Ⓟ
Origin: Endemic; Occurrence: Wild
Jubulopsidaceae
***Jubulopsidaceae*** ⓄⓅ
Jungermanniaceae
*Anastrophyllum papillosum* J.J.Engel & Braggins ⊖ Ⓣ
**= *Schizophyllopsis papillosa* (J.J.Engel & Braggins) Váňa & L.Söderstr.**
Váňa, J.; Söderström, L.; Hagborg, A.; Von Konrat, M. 2013: Notes on early land plants today. 45. A correction. *Phytotaxa 152(1)*: 48-49.
*Cryptochila* R.M.Schust. ⊖ Ⓣ
**= *Syzygiella* Spruce**
Feldberg, K.; Váňa, J.; Hentschel, J.; Heinrichs, J. 2010: Currently accepted species and new combinations in Jamesonielloideae (Adelanthaceae, Jungermanniales) . *Cryptogamie, Bryologie 31(2)*: 141-146.
*Cryptostipula* R.M.Schust. ⊖ Ⓣ
**= *Hepatostolonophora***
Engel, J.J. 2011: Studies of New Zealand Hepaticae. 56-68. A miscellanea of new taxa and combinations.. *Nova Hedwigia 93*: 401-410.
*Cryptostipula inundata* R.M.Schust. ⊖ Ⓣ
**= *Hepatostolonophora paucistipula* (Rodw.) J.J.Engel**
Engel, J.J. 2011: Studies of New Zealand Hepaticae. 56-68. A miscellanea of new taxa and combinations.. *Nova Hedwigia 93*: 401-410.
*Jamesoniella* (Spruce) Carrington Ⓣ
**= *Syzygiella* Spruce**
Feldberg, K.; Váňa, J.; Hentschel, J.; Heinrichs, J. 2010: Currently accepted species and new combinations in Jamesonielloideae (Adelanthaceae, Jungermanniales) . *Cryptogamie, Bryologie 31(2)*: 141-146.
*Jungermannia multipenna* Hook.f. & Taylor ⊖ Ⓣ
**= *Cryptolophocolea pallida* (Mitt.) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
*Jungermannia spinifera* Hook.f. & Taylor ⊖ Ⓣ
**= *Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.**
Söderström, L.; Vána, J.; Crandall-Stotler, B.; Stotler, R.E.; Hagborg, A.; von Konrat, M. 2013: Notes on early land plants today. 43. New combinations in Lophocoleaceae (Marchantiophyta). *Phytotaxa 112(1)*: 18
***Notoscyphus* Mitt.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.** ⓄⓅⓉ
Origin: Non-endemic; Occurrence: Wild
Braggins, J.E.; Renner, M.A.M.; de Lange, P.J. 2014: Additions to the liverwort flora of the Kermadec Islands, New Zealand Botanical Region. *Telopea 17*: 183-194.
*Schizophyllum* (R.M.Schust.) Váňa & L.Söderst. Ⓢ⊖ Ⓣ
**= *Schizophyllopsis* Váňa & L.Söderström,**
Váňa, J.; Söderström, L.; Hagborg, A.; Von Konrat, M. 2013: Notes on early land plants today. 45. A correction. *Phytotaxa 152(1)*: 48-49.
*Schizophyllum papillosum* (J.J.Engel & Braggins) Váňa & L. Söderstr. ⊖ Ⓣ
**= *Schizophyllopsis papillosa* (J.J.Engel & Braggins) Váňa & L.Söderstr.**
Váňa, J.; Söderström, L.; Hagborg, A.; Von Konrat, M. 2013: Notes on early land plants today. 45. A correction. *Phytotaxa 152(1)*: 48-49.
Lejeuneaceae
***Echinolejeunea* R.M.Schust.** Ⓢ
Origin: Endemic; Occurrence: Wild
***Echinolejeunea papillata* (Mitt.) R.M.Schust. ex Hamlin** Ⓢ
Origin: Endemic; Occurrence: Wild
***Lepidolejeunea* R.M.Schust.** ⒶⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild
***Mastigolejeunea*** ⓄⓅ
Occurrence: Absent
*Mastigolejeunea anguiformis* (Hook.f. & Taylor) B.Thiers & Gradst. ⊖
**= *Thysananthus anguiformis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees**

***Ptychanthus* Nees** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Thysananthus anguiformis* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees** ⓄⓅⓈ⊖ Ⓣ
Origin: Endemic; Occurrence: Wild
Sukkharak, P.; Gradstein, S.R.; Stech, M. 2011: Phylogeny, taxon circumscriptions, and character evolution in the core Ptychanthoideae (Lejeuneaceae, Marchantiophyta). *Taxon 60*: 1607-1622.
Lepidoziaceae
***Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Engel, J.J.; Glenny, D.2008: A Flora of the Liverworts and Hornworts of New Zealand. *In* : *Monographs in Systematic Botany from the Missouri Botanical Garden;* 1- 897
***Acromastigum divaricatum* (Nees) A.Evans** ⒶⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild
***Hyalolepidozia* S.W.Arnell ex Grolle** ⓄⓅ
Occurrence: Absent
Scapaniaceae
***Blepharidophyllum densifolium* (Hook.) Ångstr.** ⓄⓅ
Marchantiales
Marchantiaceae
***Neohodgsonia* Perss.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Metzgeriales
Aneuraceae
***Riccardia filicina* (Colenso) E.A.Hodgs.** ⊖ Ⓣ
Origin: Endemic; Occurrence: Wild
Fossombroniaceae
***Austrofossombronia*** ⓄⓅ
*Petalophyllum australe* Colenso ⊖ Ⓣ
**= *Petalophyllum preissii* Lehm.**
http://bryophytes.plant.siu.edu/petalophyllum.html
Magnoliopsida
Boraginaceae
***Cerinthe* L.** Ⓣ
Origin: Exotic; Occurrence: Wild
Selvi, F.; Cecchi, L.; Coppi, A. 2009: Phylogeny, karyotype evolution and taxonomy of *Cerinthe* L. (Boraginaceae). *Taxon 58(4)*: 1307-1325.
***Cerinthe major* L.** Ⓣ
Origin: Exotic; Occurrence: Wild
Selvi, F.; Cecchi, L.; Coppi, A. 2009: Phylogeny, karyotype evolution and taxonomy of *Cerinthe* L. (Boraginaceae). *Taxon 58(4)*: 1307-1325.
Asparagales
Amaryllidaceae
*Amaryllis capensis* L. ⊖ Ⓣ
**= *Pauridia capensis* (L.) Snijman & Kocyan**
Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.
Hemerocallidaceae
***Phormium tenax* 'Tapamangu'** ⊖
Hypoxidaceae
***Hypoxis* L.** Ⓣ
Origin: Exotic; Occurrence: Wild
Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.
*Hypoxis alba* (Thunb.) L.f. Ⓢ⊖ Ⓣ
**= *Pauridia alba* (Thunb.) Snijman & Kocyan**
Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.
*Hypoxis capensis* (L.) Vines & Druce ⊖ Ⓣ
**= *Pauridia capensis* (L.) Snijman & Kocyan**

Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.

*Hypoxis glabella* R.Br. ⊖ Ⓣ

**= *Pauridia glabella* (R.Br.) Snijman & Kocyan**

Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.

*Hypoxis glabella* R.Br. var. *glabella* ⊖ Ⓣ

**= *Pauridia glabella* (R.Br.) Snijman & Kocyan var. *glabella***

Snijman, D.A.; Kocyan, A. 2013: The genus *Pauridia* (Hypoxidaceae) amplified to include *Hypoxis* sect. *Ianthe*, *Saniella* and *Spiloxene*, with revised nomenclature and typification. *Phytotaxa 116(1)*: 19-33.

Orchidaceae

***Microtis unifolia* (G.Forst.) Rchb.f.** ⓄⓄ

Origin: Endemic; Occurrence: Wild

***Simpliglottis* Szlach.** ⓄⓅ

Origin: Non-endemic; Occurrence: Wild

***Simpliglottis cornuta* (Hook.f.) Szlach.** ⓄⓉ

Origin: Non-endemic; Occurrence: Wild

Asterales

Campanulaceae

*Colensoa* Hook.f. ⊖ Ⓣ

**= *Lobelia* L.**

Lammers, T.G. 2011: Revision of the infrageneric classification of *Lobelia* L. (Campanulaceae: Lobelioideae). *Annals of the Missouri Botanical Garden 89(1)*: 37-62.

*Colensoa physaloides* (A.Cunn.) Hook.f. ⊖ Ⓣ

**= *Lobelia physaloides* A.Cunn.**

Lammers, T.G. 2011: Revision of the infrageneric classification of *Lobelia* L. (Campanulaceae: Lobelioideae). *Annals of the Missouri Botanical Garden 89(1)*: 37-62.

*Lobelia angulata* var. *minor* Carse Ⓐ⊖

*Lobelia benthamii* F.Muell. ⊖

**= *Lobelia pedunculata* R.Br.**

***Lobelia physaloides* A.Cunn.** ⓄⓅ⊖ Ⓣ

Origin: Endemic; Occurrence: Wild

Lammers, T.G. 2011: Revision of the infrageneric classification of *Lobelia* L. (Campanulaceae: Lobelioideae). *Annals of the Missouri Botanical Garden 89(1)*: 37-62.

***Pratia* Gaudich.** ⓄⓅ

Occurrence: Absent

*Pratia physaloides* (A.Cunn.) Hemsl. ⊖

**= *Lobelia physaloides* A.Cunn.**

*Pratia puberula* Benth. ⊖

**= *Lobelia pedunculata* R.Br.**

Compositae

*Conyza albida* Spreng. Ⓣ

**= *Conyza sumatrensis* (Retz.) E.H.Walker**

Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.

*Conyza bonariensis* (L.) Cronquist Ⓣ

**= *Erigeron bonariensis* L.**

Nesom, G.L. 2008: Classification of subtribe Conyzinae (Asteraceae: Astereae). *Lundellia 11*: 8-38.

*Crepis novae-zelandiae* Hook.f. ⊖ Ⓣ

**= *Sonchus novae-zelandiae* (Hook.f.) Garn.-Jones**

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

*Kirkianella* Allan ⊖ Ⓣ

**= *Sonchus* L.**

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

*Kirkianella novae-zelandiae* (Hook.f.) Allan ⊖ Ⓣ

**= *Sonchus novae-zelandiae* (Hook.f.) Garn.-Jones**

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

*Kirkianella novae-zelandiae* f. *glauca* Allan ⊜ Ⓣ
**= *Sonchus novae-zelandiae* (Hook.f.) Garn.-Jones**
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
*Kirkianella novae-zelandiae* f. *minor* Allan ⊜ Ⓣ
**= *Sonchus novae-zelandiae* (Hook.f.) Garn.-Jones**
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
***Senecio australis* Willd.** Ⓣ
Origin: Non-endemic; Occurrence: Sometimes present
de Lange, P.J.; Rolfe, J.R.; Liew, C.S.; Pelser, P.B. 2014: *Senecio australis* Willd. (Asteraceae: Senecioneae) – a new and uncommon addition to the indigenous vascular flora of New Zealand. *New Zealand Journal of Botany 52(4)*
***Vernonia* Schreb.** ⓄⓅ
Occurrence: Absent
***Wedelia* Jacq.** Ⓟ
Origin: Exotic; Occurrence: Sometimes present
***Wedelia glauca* (Ortega) S.F.Blake** Ⓟ
Origin: Exotic; Occurrence: Sometimes present
Rousseaceae
***Carpodetus* J.R.Forst. & G.Forst.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Stylidiaceae
*Oreostylidium* Berggr. Ⓢ⊜ Ⓣ
**= *Stylidium* Sw. ex Willd.**
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
*Oreostylidium subulatum* (Hook.f.) Berggr. ⊜ Ⓣ
**= *Stylidium subulatum* Hook.f.**
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
Caryophyllales
Amaranthaceae
***Kochia* Roth** ⓄⓅ
Occurrence: Absent
Ericales
Primulaceae
***Elingamita* G.T.S.Baylis** Ⓣ
Origin: Endemic; Occurrence: Wild
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
Fabales
Leguminosae
***Acacia confusa*** ⓄⓅ
Origin: Exotic; Occurrence: Uncertain
***Acacia nilotica*** ⓄⓅ
Origin: Exotic; Occurrence: Uncertain
*Canavalia maritima* Thouars Ⓣ
**= *Canavalia rosea* (Sw.) DC.**
Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.
*Canavalia obtusifolia* (Lam.) DC. Ⓣ
**= *Canavalia rosea* (Sw.) DC.**
Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.
***Canavalia rosea* (Sw.) DC.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.
*Dolichos obtusifolius* Lam. Ⓣ
**= *Canavalia rosea* (Sw.) DC.**
Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.

*Edwardsia cassioides* Phil. Ⓢ
**= *Sophora cassioides* (Phil.) Sparre**
Lamiales
Labiatae
*Galeobdolon* Adans. ⊖ Ⓣ
**= *Lamium* L.**
Mabberley, D.J. 2008: *Mabberley's plant book, a portable dictionary of plants, their classification and uses.* Cambridge University Press. 1021 p.
Plantaginaceae
*Hebe raoulii* (Hook.f.) Cockayne & Allan var. *raoulii* ⊖ Ⓣ
**= *Veronica raoulii* Hook.f.**
Scrophulariaceae
***Nemesia floribunda* Lehm.** Ⓣ
Origin: Exotic; Occurrence: Wild
Webb, C.J.; Sykes, W.R.; Garnock-Jones, P.J. 1988: *Flora of New Zealand. Vol. IV. Naturalised Pteridophytes, Gymnosperms, Dicotyledons.*Christchurch, New Zealand, Botany Division, D.S.I.R..
*Magnolia dianica* Sima & Figlar ⊖ Ⓣ
**= *Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.**
Chalermglin, P.; Nooteboom, H.P. 2007: A new species of and a new combination in *Magnolia* (Magnoliaceae) . *Blumea 52(3)*: 559-562(4).
***Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.** Ⓟ⊖ Ⓣ
Occurrence: Present in captivity/cultivation/culture
Chalermglin, P.; Nooteboom, H.P. 2007: A new species of and a new combination in *Magnolia* (Magnoliaceae) . *Blumea 52(3)*: 559-562(4).
Magnoliales
Magnoliaceae
***Magnolia ×alba* (DC.) Figlar** ⒶⓄⓅⓉ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Figlar, R.B.; Nooteboom, H.P. 2004: Notes on Magnoliaceae IV. *Blumea 49*: 87-100.
*Michelia* L. ⊖ Ⓣ
**= *Magnolia* L.**
Kim, S.; Chong-Wook, P.; Young-Dong, K.; Youngbae, S. 2001: Phylogenetic relationships in family Magnoliaceae inferred from ndhF sequences. *American Journal of Botany 88*: 717-728.
*Michelia champaca* L. ⊖ Ⓣ
**= *Magnolia champaca* (L.) Baill. ex Pierre**
Figlar, R.B.; Nooteboom, H.P. 2004: Notes on Magnoliaceae IV. *Blumea 49*: 87-100.
*Michelia dandyi* Hu ⊖ Ⓣ
**= *Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.**
Chalermglin, P.; Nooteboom, H.P. 2007: A new species of and a new combination in *Magnolia* (Magnoliaceae) . *Blumea 52(3)*: 559-562(4).
*Michelia doltsopa* Buch.-Ham. ex DC. ⊖
**= *Magnolia doltsopa* (Buch.-Ham. ex DC.) Figlar**
*Michelia yunnanensis* Franch. ex Finet & Gagnep. ⊖ Ⓣ
**= *Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.**
*Michelia yunnanensis* subsp. *glabrifolia* Y.K.Li & J.F.Zuo ⊖ Ⓣ
**= *Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.**
*Michelia yunnanensis* var. *angustifolia* Finet & Gagnep. ⊖ Ⓣ
**= *Magnolia laevifolia* (Y.W.Law & Y.F.Wu) Noot.**
*Michelia ×alba* DC. Ⓢ⊖ Ⓣ
**= *Magnolia ×alba* (DC.) Figlar**
Figlar, R.B.; Nooteboom, H.P. 2004: Notes on Magnoliaceae IV. *Blumea 49*: 87-100.
Myrtales
Myrtaceae
***Kunzea* Rchb.** ⓄⓅⓈⓉ
Origin: Non-endemic; Occurrence: Wild
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
***Kunzea ericoides* (A.Rich.) Joy Thomps.** ⓄⓉ
Origin: Endemic; Occurrence: Wild
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.

*Kunzea ericoides* (A.Rich.) Joy Thomps. var. *ericoides* ⊖ Ⓣ
**= *Kunzea ericoides* (A.Rich.) Joy Thomps.**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Kunzea ericoides* var. *linearis* (Kirk) W.Harris ⊖ Ⓣ
**= *Kunzea linearis* (Kirk) de Lange & Toelken**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Kunzea ericoides* var. *microflora* (G.Simpson) W.Harris ⊖ Ⓣ
**= *Kunzea tenuicaulis* de Lange**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
***Kunzea sinclairii* (Kirk) W.Harris** Ⓣ
Origin: Endemic; Occurrence: Wild
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum ericoides* A.Rich. Ⓣ
**= *Kunzea ericoides* (A.Rich.) Joy Thomps.**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum ericoides* A.Rich. var. *ericoides* ⊖ Ⓣ
**= *Kunzea ericoides* (A.Rich.) Joy Thomps.**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum ericoides* var. *linearis* Kirk Ⓢ⊖ Ⓣ
**= *Kunzea linearis* (Kirk) de Lange & Toelken**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum ericoides* var. *lineatum* sensu Kirk ⊖
**= *Kunzea linearis* (Kirk) de Lange & Toelken**
*Leptospermum ericoides* var. *microflorum* G.Simpson ⊖ Ⓣ
**= *Kunzea tenuicaulis* de Lange**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum lineatum* (Kirk) Cockayne Ⓢ⊖ Ⓣ
**= *Kunzea linearis* (Kirk) de Lange & Toelken**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.
*Leptospermum sinclairii* Kirk Ⓣ
**= *Kunzea sinclairii* (Kirk) W.Harris**
de Lange, P.J. 2014: A revision of the New Zealand *Kunzea ericoides* (Myrtaceae) complex. *PhytoKeys 40*: 1-185.

Poales
Cyperaceae
*Desmoschoenus* Hook.f. ⊖ Ⓣ
**= *Ficinia* Schrad.**
Muasya, A.M.; de Lange, P.J. 2010: *Ficinia spiralis* (Cyperaceae) a new genus and combination for *Desmoschoenus spiralis*. *New Zealand Journal of Botany 48(1)*: 31-39.
Gramineae
***Anemanthele* Veldkamp** Ⓣ
Origin: Endemic; Occurrence: Wild
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
***Austroderia* N.P.Barker & H.P.Linder** Ⓣ
Origin: Endemic; Occurrence: Wild
Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.
***Bromus arenarius* Labill.** ⓄⓉ
Origin: Non-endemic; Occurrence: Wild
Edgar, E.; Connor, H.E. 2010: *Flora of New Zealand Volume V Grasses.* Manaaki Whenua Press. 673 p.
*Pyrrhanthera* Zotov Ⓣ
**= *Rytidosperma* Steud.**

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

***Stenostachys* Turcz.** Ⓣ

Origin: Endemic; Occurrence: Wild

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

***Stenostachys enysii* (Kirk) Barkworth & S.W.L.Jacobs** Ⓣ

Origin: Endemic; Occurrence: Wild

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

***Stipa* L.** Ⓟ

Origin: Exotic; Occurrence: Absent

***Zotovia* Edgar & Connor** Ⓣ

Origin: Endemic; Occurrence: Wild

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

Proteales

Proteaceae

***Eucarpha* (R.Br.) Spach** Ⓣ

Origin: Exotic; Occurrence: Absent

Garnock-Jones, P.J. 2014: Evidence-based review of the taxonomic status of New Zealand's endemic seed plant genera. *New Zealand Journal of Botany 52(2)*: 163-212.

Ranunculales

Papaveraceae

***Papaver orientale* L.** ⓄⓅⓈ

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

Ranunculaceae

***Ficaria verna* subsp. *ficariiformis* (Rouy & Foucaud) B.Walln.** Ⓢ

Origin: Exotic; Occurrence: Wild

*Ranunculus ficaria* subsp. *ficariiformis* Rouy & Foucaud Ⓢ

**= *Ficaria verna* subsp. *ficariiformis* (Rouy & Foucaud) B.Walln.**

Rosales

Rosaceae

***Cotoneaster conspicuus* H.F.Comber ex C.Marquand** Ⓢ

Origin: Exotic; Occurrence: Wild

***Cotoneaster frigidus* Wall. ex Lindl.** Ⓢ

Origin: Exotic; Occurrence: Sometimes present

***Cotoneaster henryanus* (C.K.Schneid.) Rehder & E.H.Wilson** Ⓣ

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

Fryer, J.; Hylmö, B. 2009: *Cotoneasters: a comprehensive guide to shrubs for flowers, fruit, and foliage.*Portland, London, Timber Press. 344 p.

*Cotoneaster salicifolius* var. *henryanus* (C.K.Schneid.) T.T.Yu ⊖

**= *Cotoneaster henryanus* (C.K.Schneid.) Rehder & E.H.Wilson**

*Cotoneaster symondsii* Standish ex T.Moore

**= *Cotoneaster marginatus* (Loudon) Schltdl.**

Pinopsida

Pinales

Podocarpaceae

***Pherosphaera* W.Archer** Ⓟ

Occurrence: Absent

***Pherosphaera fitzgeraldii* (F.Muell.) Hook.f.** Ⓟ

Occurrence: Absent

*Pherosphaera niphophila* (J.Garden & L.A.S.Johnson) Florin Ⓢ⊖

**= *Pherosphaera hookeriana* W.Archer bis**

Polypodiopsida

Cyatheales

Dicksoniaceae

*Balantium lanatum* (Colenso ex Hook.) Fée Ⓣ

**= *Dicksonia lanata* Colenso ex Hook.**

Brownsey, P.J.; Perrie, L.R. 2014: Taxonomic notes on the New Zealand flora: recognition of two subspecies in *Dicksonia lanata*. *New Zealand Journal of Botany 52(3)*: 343-351.

***Dicksonia lanata* Colenso ex Hook.** Ⓣ

Origin: Endemic; Occurrence: Wild

Brownsey, P.J.; Perrie, L.R. 2014: Taxonomic notes on the New Zealand flora: recognition of two subspecies in *Dicksonia lanata*. *New Zealand Journal of Botany 52(3)*: 343-351.

***Dicksonia lanata* subsp. *hispida* (Colenso) Perrie & Brownsey** Ⓢ

Origin: Endemic; Occurrence: Wild

***Dicksonia lanata* Colenso ex Hook. subsp. *lanata*** Ⓣ

Origin: Endemic; Occurrence: Wild

Brownsey, P.J.; Perrie, L.R. 2014: Taxonomic notes on the New Zealand flora: recognition of two subspecies in *Dicksonia lanata*. *New Zealand Journal of Botany 52(3)*: 343-351.

*Dicksonia lanata* var. *hispida* Colenso Ⓣ

**= *Dicksonia lanata* subsp. *hispida* (Colenso) Perrie & Brownsey**

Brownsey, P.J.; Perrie, L.R. 2014: Taxonomic notes on the New Zealand flora: recognition of two subspecies in *Dicksonia lanata*. *New Zealand Journal of Botany 52(3)*: 343-351.

Hymenophyllales

Hymenophyllaceae

***Polyphlebium* Copel.** ⓄⓅ

Polypodiales

Blechnaceae

***Blechnum* L.** Ⓣ

Origin: Indigenous; Occurrence: Wild

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia* R.Br. ⊖ Ⓣ

**= *Blechnum* L.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia aspera* sensu A.Rich. ⊖ Ⓣ

**= *Blechnum parrisiae* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia aspera* sensu Raoul ⊖ Ⓣ

**= *Blechnum parrisiae* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia aspera* sensu A.Cunn. ⊖ Ⓣ

**= *Blechnum parrisiae* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia aspera* R.Br. ⊖ Ⓣ

**= *Blechnum neohollandicum* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia aucklandica* Field ⊖ Ⓣ

**= *Blechnum parrisiae* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia australis* (Parris) Parris ⊖ Ⓣ

**= *Blechnum parrisiae* Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu A.Cunn. ⊖ Ⓣ

**= *Blechnum molle* (Parris) Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu A.Rich. ⊖ Ⓣ

**= *Blechnum molle* (Parris) Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Dobbie & Crookes ⊖ Ⓣ

**= *Blechnum molle* (Parris) Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Hook.f. ⊖ Ⓣ

**= *Blechnum molle* (Parris) Christenh.**

Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* (Cav.) R.Br. ⊖ Ⓣ
**= *Blechnum spinulosum* Poir.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Allan ⊖ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Field ⊖ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* Baker ⊖ Ⓣ
**= *Blechnum zeelandicum* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Cheeseman ⊖ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* sensu Raoul ⊖ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia caudata* var. *milnei* (Carruth.) Domin ⊖
**= *Blechnum kermadecense* Perrie & Brownsey**

*Doodia caudata* var. *squarrosa* (Colenso) C.Chr. ⊖ Ⓣ
**= *Blechnum zeelandicum* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia connexa* sensu Hook.f. ⊖ Ⓣ
**= *Blechnum kermadecense* Perrie & Brownsey**

*Doodia kunthiana* sensu A.Cunn. ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* R.Br. ⊖ Ⓣ
**= *Blechnum medium* (R.Br.) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* sensu Field ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* sensu Allan ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* sensu G.M. Thomson ⊖

*Doodia media* sensu Dobbie & Crookes ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* sensu Cheeseman ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* sensu Hook.f. ⊖

*Doodia media* subsp. *australis* Parris ⊖ Ⓣ
**= *Blechnum parrisiae* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

*Doodia media* var. *caudata* G.M.Thomson ⊜ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.
*Doodia media* var. *connexa* G.M.Thomson ⊜
**= *Blechnum kermadecense* Perrie & Brownsey**
*Doodia media* var. *milnei* (Carruth.) Baker ⊜ Ⓣ
**= *Blechnum kermadecense* Perrie & Brownsey**
*Doodia milnei* Carruth. ⊜ Ⓣ
**= *Blechnum kermadecense* Perrie & Brownsey**
Perrie, L.R.; Wilson, R.K.; Shepherd, L.D.; Ohlsen, D.J.; Batty, E.L.; Brownsey, P.J.; Bayly, M.J. 2014: Molecular phylogenetics and generic taxonomy of Blechnaceae ferns. *Taxon 63(4)*: 745-758.
*Doodia mollis* Parris ⊜ Ⓣ
**= *Blechnum molle* (Parris) Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.
*Doodia squarrosa* Colenso ⊜ Ⓣ
**= *Blechnum zeelandicum* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.
*Woodwardia aspera* (R.Br.) Fée ⊜ Ⓣ
**= *Blechnum neohollandicum* Christenh.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.
*Woodwardia caudata* Cav. ⊜ Ⓣ
**= *Blechnum spinulosum* Poir.**
Christenhusz, M.J.M.; Zhang, X.-C.; Schneider, H. 2011: A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa 19*: 7-54.

Grammitidaceae
***Grammitidaceae* (C.Presl) Ching** ⓄⓅ

Oleandraceae
***Oleandraceae*** ⓄⓅ

Polypodiaceae
*Anarthropteris lanceolata* (Hook.f.) Pic.Serm. Ⓢ
**= *Loxogramme dictyopteris* (Mett.) Copel.**
*Dictymia lanceolata* Hook.f. Ⓢ
**= *Loxogramme dictyopteris* (Mett.) Copel.**
*Polypodium australe* var. *minutum* F.Muell. Ⓢ
**= *Notogrammitis crassior* (Kirk) Parris**
*Polypodium eleagnifolium* Bory Ⓢ
**= *Pyrrosia eleagnifolia* (Bory) Hovenkamp**
*Polypodium rupestre* var. *sinuatum* Colenso Ⓢ
**= *Pyrrosia eleagnifolia* (Bory) Hovenkamp**
*Polypodium scandens* Labill. Ⓢ
**= *Microsorum pustulatum* (G.Forst.) Copel.**
***Pyrrosia confluens* (R.Br.) Ching** Ⓣ
Occurrence: Absent
Green, P.S. 1994: *Oceanic Islands, 1.*49 ed. *Flora of Australia*Canberra, Australian Government Publishing Service.

Pteridaceae
*Adiantum viride* (Forssk.) Vahl
**= *Pellaea viridis* (Forssk.) Prantl**
***Pellaea viridis* (Forssk.) Prantl** Ⓟ
Origin: Exotic; Occurrence: Sometimes present


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