



# Plant Names Database: Quarterly changes

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Landcare Research  
Manaaki Whenua

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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, Heenan, Breitwieser

**Database editors:** Wilton, Schönberger, Gibb

**Taxonomic and nomenclature research and review:** Schönberger, Gibb, Wilton, Breitwieser, Dawson, Ford, Fife, Glenny, Heenan, 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](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 2015 and 28 February 2016.

## 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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# Hierarchical checklist of changes

The following symbols are used to indicate changes to the data.

Ⓐ: addition; ⊖: the removal or merging of scientific names; Ⓢ: a change to the spelling of the name; ⊙: a change in the origin information; ⊕: a change in the presence (occurrence) information; ⊕: a change in the taxonomic article; ⊖: a change to the preferred name; ⊙: a change to the classification (direct parent)

## Ascomycetes

### Umblicariaceae

- Gyrophora cylindrica* (L.) Ach. Ⓢ  
= ***Umblicaria cylindrica* (L.) Delise ex Duby var. *cylindrica***  
*Gyrophora cylindrica* var. *propagulifera* Vain. Ⓢ  
= ***Umblicaria umblicarioides* (Stein) Krog & Swinscow**  
***Umblicaria Hoffm.*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild

## Agyriales

### Trapeliaceae

- Trapelia M.Choisy*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Trapelia coarctata* (Turner ex Sm.) M.Choisy** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Trapelia herteliana* Fryday** ⊙⊕  
Origin: Endemic; Occurrence: Wild  
***Trapelia involuta* (Taylor) Hertel** ⊕  
Occurrence: Absent  
***Trapelia macrospora* Fryday** ⊙⊕  
Origin: Endemic; Occurrence: Wild  
***Trapeliopsis Hertel & Gotth.Schneid.*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Trapeliopsis colensoi* (C.Bab.) Gotth.Schneid.** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Trapeliopsis congregans* (Zahlbr.) Brako** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Trapeliopsis granulosa* (Hoffm.) Lumbsch** ⊙⊕  
Origin: Non-endemic; Occurrence: Present  
***Trapeliopsis pseudogranulosa* Coppins & P.James** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild

## Arthoniales

### Roccellaceae

- Platygrapha atrata* Stirt. ⊖  
= **unknown**

## Helotiales

### Helotiaceae

- Unguiculariopsis Rehm*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Unguiculariopsis triregia* S.Y.Kondr. & D.J.Galloway** ⊙⊕  
Origin: Endemic; Occurrence: Wild

## Lecanorales

### Hymeneliaceae

- Tremolecia M.Choisy*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
***Tremolecia atrata* (Ach.) Hertel** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild

### Lecanoraceae

- Tylothallia P.James & H.Kilias*** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild  
*Tylothallia pahiensis* (Zahlbr.) Hertel and H.Kilias  
= ***Tylothallia verrucosa* (Müll.Arg.) Kantvilas**

### Parmeliaceae

- Imbricaria* (Schreb.) Michx. ⊙  
= ***Anaptychia Körb.***

- Lichen tumidulus* Sm. ☉ ①  
= *Porpidinia tumidula* (Sw.) Timdal
- Tuckermanopsis Gyeln.*** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Tuckermanopsis chlorophylla* (Willd.) Hale** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea Dill. ex Adans.*** ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea acromelana* Stirt.** ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea articulata* (L.) Hoffm.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea baileyi* (Stirt.) Zahlbr.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea ciliata* (Nyl.) Du Rietz** ☉ ②  
Origin: Endemic; Occurrence: Wild
- Usnea ciliifera* Motyka** ☉ ②  
Origin: Endemic; Occurrence: Wild
- Usnea contexta* Motyka** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea dasypogoides* Nyl.** ②  
Occurrence: Absent
- Usnea florida* (L.) Weber ex F.H.Wigg.** ②  
Occurrence: Absent
- Usnea inermis* Motyka** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea maculata* Stirt.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea molliuscula* Stirt.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea nidifica* Taylor** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea pseudocapillaris* F.J.Walker** ☉ ②  
Origin: Endemic; Occurrence: Wild
- Usnea pulverulenta* (Müll.Arg.) Motyka** ②  
Occurrence: Absent
- Usnea pusilla* (Räsänen) Räsänen** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea rubicunda* Stirt.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea rubrotincta* Stirt.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea simplex* Motyka** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea subcapillaris* (D.J.Galloway) F.J.Walker** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea subciliata* (Motyka) Swinscow & Krog** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea tenerior* (Nyl.) Hue** ☉ ②  
Origin: Endemic; Occurrence: Wild
- Usnea torulosa* (Müll.Arg.) Zahlbr.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea trichodeoides* Motyka** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea wirthii* P.Clerc** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Usnea xanthopoga* Nyl.** ☉ ②  
Origin: Non-endemic; Occurrence: Wild
- Xanthoparmelia semiviridis* (F.Muell. ex Nyl.) O.Blanco, A.Crespo. Elix, D.Hawksw. & Lumbsch** ③
- Xanthoparmelia sorediata* (Elix & P.Child) O.Blanco, A.Crespo. Elix, D.Hawksw. & Lumbsch** ③

Ostropales

Stictidaceae

**Topelia P.M.Jørg. & Vězda** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

Thelotremataceae

*Thelotrema novae-zelandiae* Szatala ☉Ⓟ

= **Topeliopsis novae-zelandiae (Szatala) Lumbsch & Mangold**

Lumbsch, H.T.; Divakar, P.K.; Messuti, M.I.; Mangold, A.; Lücking, R. 2010: A survey of thelotremoid lichens (Ascomycota: Ostropales) in subantarctic regions excluding Tasmania. *The Lichenologist* 42: 203-224.

**Topeliopsis decorticans (Müll.Arg.) Frisch & Kalb** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Topeliopsis muscigena (Stizenb.) Kalb** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Topeliopsis subdenticulata (Zahlbr.) Frisch & Kalb** Ⓐ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Tremotylium Nyl.** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

**Tremotylium occultum Stirt.** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

**Tremotylium suboccultum Stirt.** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

Peltigerales

Lobariaceae

*Pseudocyphellaria jamesii* D.J.Galloway ☉Ⓟ

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

de Lange, P.J.; Galloway, D.J. 2015: Lichen notes from the Kermadec Islands. I. Lobariaceae. *Bulletin of the Auckland Museum* 20: 141-170.

Pyrenulales

Trypetheliaceae

**Trypethelium Spreng.** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

*Trypethelium bicolor* ☉

= **unknown**

**Trypethelium variolosum Ach.** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

Teloschistales

Teloschistaceae

**Gondwania cribrosa (Hue) Søchting, Frödén & Arup** Ⓢ

Origin: Non-endemic; Occurrence: Wild

Trichotheliales

Trichotheliaceae

**Trichothelium Müll.Arg.** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Trichothelium alboatrum Vain.** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Trichothelium assurgens (Cooke) Aptroot & Lücking** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Trichothelium javanicum (F.Schill.) Vězda** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

Verrucariales

Verrucariaceae

**Catapyrenium lachneum (Ach.) R.Sant.** ☉

**Verrucaria amnica P.M.McCarthy & P.N.Johnson** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

**Verrucaria aquatilis Mudd** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Verrucaria austroschistica P.M.McCarthy & P.N.Johnson** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

**Verrucaria bubalina P.M.McCarthy** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

**Verrucaria cramba Stirt.** ☉Ⓟ

Origin: Endemic; Occurrence: Wild

- Verrucaria dufourii** DC. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria durietzii** I.M.Lamb ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria epidermidis** Ⓟ  
Occurrence: Absent
- Verrucaria fiordlandica** P.M.McCarthy & P.N.Johnson ☉Ⓟ  
Origin: Endemic; Occurrence: Wild
- Verrucaria glabrata** Ⓟ  
Occurrence: Absent
- Verrucaria hydrela** Ach. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria inconstans** P.M.McCarthy ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria macrostoma** Dufour ex DC. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria margacea** (Wahlenb.) Wahlenb. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria maura** Wahlenb. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria mucosa** Wahlenb. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria muralis** Ach. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria nigrescens** Pers. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria nitida** Ⓟ  
Occurrence: Absent
- Verrucaria phaeoderma** P.M.McCarthy ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria praetermissa** (Trevis.) Anzi ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria prominula** Nyl. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria serpuloides** I.M.Lamb ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria striatula** Wahlenb. ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild
- Verrucaria subdiscreta** P.M.McCarthy ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild

Bacillariophyceae

Pennales

Naviculaceae

- Amphiprora reediana** Stidolph ☉Ⓟ  
Origin: Endemic; Occurrence: Wild

Bryatae

- Acanthocladium** Mitt. ①  
= **Wijkia** H.A.Crum  
Crum, H. 1971: Nomenclatural changes in the Musci. *Bryologist* 74: 165-174.
- Acanthocladium extenuatum** (Brid.) Mitt. ①  
= **Wijkia extenuata** (Brid.) H.A.Crum
- Leskea homomalla** Hampe ①  
= **Sematophyllum homomallum** (Hampe) Broth.
- Mnium hookeri** Müll.Hal. ①  
= **Pyrrhobryum mnioides** subsp. **contortum** (Hook.f. & Wilson) Fife  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Mnium mossmanianum** Müll.Hal. ①  
= **Pyrrhobryum mnioides** subsp. **contortum** (Hook.f. & Wilson) Fife  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Mnium paramattense** Müll.Hal. Ⓟ①  
= **Pyrrhobryum paramattense** (Müll.Hal.) Manuel  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;

- Stereodon contiguus* Mitt. ①  
= ***Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- Stereodon jolliffii* (Mitt.) Mitt. ④⑤  
= ***Sematophyllum jolliffii* (Mitt.) Dixon**
- Bruchiaceae  
*Trematodon arcuatus* Mitt. ⑤  
= ***Trematodon suberectus* Mitt.**  
***Trematodon flexipes* Mitt. ex Hook.f. & Wilson** ⑤  
Origin: Non-endemic; Occurrence: Wild  
*Trematodon integrifolius* Müll.Hal. ⑤  
= ***Trematodon suberectus* Mitt.**
- Bryaceae  
*Bryum bartramioides* Hook. ①  
= ***Cryptopodium bartramioides* (Hook.) Brid.**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Calomniaceae  
***Calomnion* Hook.f. & Wilson** ①  
Origin: Non-endemic; Occurrence: Wild  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Ephemeraceae  
*Micromitrium brevicaule* Besch. ①  
= ***Macromitrium brevicaule* (Besch.) Broth.**
- Fissidentaceae  
*Fissidens novae-hollandiae* Brid. ①  
= ***Rhizogonium novae-hollandiae* (Brid.) Brid.**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Hypnaceae  
*Hypnum acutifolium* Hook.f. & Wilson ①  
= ***Wijkia extenuata* (Brid.) H.A.Crum**  
*Hypnum amoenum* Hedw. ①  
= ***Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.**  
Fife, A.J. 2012: New taxa of *Sematophyllum* and *Wijkia* (Musci: Sematophyllaceae), with a key to New Zealand Sematophyllaceae. *New Zealand Journal of Botany* 50(4): 435-447.  
*Hypnum bifarium* Hook. ①  
= ***Pyrrhobryum bifarium* (Hook.) Manuel**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Hypnum cerviculatum* Hook.f. & Wilson ①  
= ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**  
*Hypnum crinitum* Hook.f. & Wilson ①  
= ***Wijkia extenuata* (Brid.) H.A.Crum**  
*Hypnum distichum* Sw. ①  
= ***Rhizogonium distichum* (Sw.) Brid.**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Hypnum extenuatum* Brid. ①  
= ***Wijkia extenuata* (Brid.) H.A.Crum**  
*Hypnum jolliffii* Mitt. ④①  
= ***Sematophyllum jolliffii* (Mitt.) Dixon**  
*Hypnum kirkii* Müll.Hal. ex Beckett ⑤  
= ***Sematophyllum kirkii* (Müll.Hal. ex Beckett) Paris**  
*Hypnum leucocytus* Müll.Hal. ①  
= ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**  
*Hypnum mnioides* Hook. ①  
= ***Pyrrhobryum mnioides* (Hook.) Manuel**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Hypnum polystichum* Mitt. ①  
= ***Wijkia extenuata* (Brid.) H.A.Crum**  
*Hypnum subbasilare* Hook. ①  
= ***Goniobryum subbasilare* (Hook.) Lindb.**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Hypnum tenuirostre* Hook. ①  
= ***Sematophyllum uncinatum* I.G.Stone & G.A.M.Scott**

Orthotrichaceae

- Coleochaetium appendiculatum* Renauld & Cardot ☉  
 = ***Cardotiella appendiculata* (Renauld & Cardot) Vitt**
- Macrocoma* (Müll.Hal.) Grout** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macrocoma filiforme* (Hook. & Grev.) Grout ☉  
 = ***Macrocoma orthotrichoides* (Raddi) Wijk & Margad.**
- Macrocoma tenue* (Hook. & Grev.) Vitt** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macrocoma tenue* (Hook. & Grev.) Vitt subsp. *tenue*** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium acutifolium* (Hook. & Grev.) Brid. ①  
 = ***Macromitrium longirostre* (Hook.) Schwägr.**
- Macromitrium appendiculatum* Müll.Hal. ①  
 = ***Macromitrium helmsii* Paris**
- Macromitrium aristatum* Mitt. ①  
 = ***Macromitrium retusum* Hook.f. & Wilson**
- Macromitrium brevicaule* (Besch.) Broth.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium caducipilum* Lindb. ①  
 = ***Macromitrium retusum* Hook.f. & Wilson**
- Macromitrium coarctatum* Müll.Hal. ①  
 = ***Macromitrium prorepens* (Hook.) Schwägr.**
- Macromitrium erosulum* Mitt. ①  
 = ***Macromitrium prorepens* (Hook.) Schwägr.**
- Macromitrium flaccidisetum* Müll.Hal. ①  
 = ***Macromitrium microstomum* (Hook. & Grev.) Schwägr.**
- Macromitrium gracile* (Hook.) Schwägr.** ①  
 Origin: Endemic; Occurrence: Wild
- Macromitrium gracile* var. *proboscideum* Dixon ①  
 = ***Macromitrium gracile* (Hook.) Schwägr.**
- Macromitrium gracile* var. *retusum* (Hook.f. & Wilson) Sainsbury ①  
 = ***Macromitrium retusum* Hook.f. & Wilson**
- Macromitrium grossirete* Müll.Hal.** ①  
 Origin: Endemic; Occurrence: Wild
- Macromitrium helmsii* Paris** ①  
 Origin: Endemic; Occurrence: Wild
- Macromitrium incurvifolium* (Hook. & Grev.) Schwägr.** ①  
 Occurrence: Absent
- Macromitrium ligulaefolium* Broth.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium ligulare* Mitt.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium lonchomitrium* Müll.Hal. ①  
 = ***Macromitrium longipes* (Hook.) Schwägr.**
- Macromitrium longipes* (Hook.) Schwägr.** ①  
 Origin: Endemic; Occurrence: Wild
- Macromitrium longirostre* (Hook.) Schwägr.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium longirostre* var. *acutifolium* (Hook. & Grev.) Hook.f. & Wilson ①  
 = ***Macromitrium longirostre* (Hook.) Schwägr.**
- Macromitrium microstomum* (Hook. & Grev.) Schwägr.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Macromitrium mossmanianum* Müll.Hal. ①  
 = ***Macromitrium gracile* (Hook.) Schwägr.**
- Macromitrium oocarpum* Müll.Hal. ①  
 = ***Macromitrium prorepens* (Hook.) Schwägr.**
- Macromitrium orthophyllum* Mitt.** ①  
 Origin: Endemic; Occurrence: Wild
- Macromitrium petriei* Dixon ①  
 = ***Macromitrium prorepens* (Hook.) Schwägr.**
- Macromitrium prorepens* (Hook.) Schwägr.** ①  
 Origin: Endemic; Occurrence: Wild



*Macromitrium pseudohemitrichodes* Müll.Hal. ①  
 = **Macromitrium longipes (Hook.) Schwägr.**  
**Macromitrium retusum** Hook.f. & Wilson ①  
 Origin: Endemic; Occurrence: Wild  
*Macromitrium rigescens* Broth. & Dixon ①  
 = **Macromitrium grossirete Müll.Hal.**  
*Macromitrium subfragile* Dixon & Sainsbury ①  
 = **Macromitrium brevicaule (Besch.) Broth.**  
*Macromitrium submucronifolium* Müll.Hal. & Hampe ①  
 = **Macromitrium prorepens (Hook.) Schwägr.**  
*Macromitrium watsii* Broth. ①  
 = **Macromitrium brevicaule (Besch.) Broth.**  
*Macromitrium weymouthii* Broth. ①  
 = **Macromitrium microstomum (Hook. & Grev.) Schwägr.**  
*Muelleriella angustifolia* (Hook.f. & Wilson) Dusén ①  
 = **Orthotrichum angustifolium** Hook.f. & Wilson  
*Muelleriella aucklandica* Vitt ①  
 = **Orthotrichum aucklandicum (Vitt) Goffinet**  
**Orthotrichum Hedw.** ①  
 Origin: Non-endemic; Occurrence: Wild  
*Orthotrichum acrolepharis* Müll.Hal. ①  
 = **Orthotrichum assimile Müll.Hal.**  
*Orthotrichum acuminatum* R.Br.bis ①  
 = **Orthotrichum graphiomitrium Müll.Hal. ex Beckett**  
*Orthotrichum acutifolium* Hook. & Grev. ①  
 = **Macromitrium longirostre (Hook.) Schwägr.**  
**Orthotrichum angustifolium** Hook.f. & Wilson ①  
 Origin: Endemic; Occurrence: Wild  
**Orthotrichum assimile Müll.Hal.** ①  
 Origin: Non-endemic; Occurrence: Wild  
*Orthotrichum austrocupulatum* Dixon & Sainsbury ①  
 = **Orthotrichum cupulatum** Brid.  
*Orthotrichum avonense* R.Br.bis ①  
 = **Orthotrichum calvum** Hook.f. & Wilson  
*Orthotrichum beckettii* R.Br.bis ☉  
 = **Orthotrichum tasmanicum var. parvithecum (R.Br.bis) Lewinsky**  
*Orthotrichum beckettii* Müll.Hal. ☉  
 = **Orthotrichum tasmanicum** Hook.f. & Wilson  
*Orthotrichum benmoreense* R.Br.bis ①  
 = **Orthotrichum assimile Müll.Hal.**  
*Orthotrichum brevirostrum* R.Br.bis ①  
 = **Orthotrichum cyathiforme R.Br.bis**  
*Orthotrichum brevisetum* R.Br.bis ①  
 = **Orthotrichum hortense Bosw.**  
*Orthotrichum calcareum* R.Br.bis ①  
 = **Orthotrichum cupulatum** Brid.  
**Orthotrichum calvum** Hook.f. & Wilson ①  
 Origin: Endemic; Occurrence: Wild  
*Orthotrichum calvum* var. *brevisetum* Dixon ①  
 = **Orthotrichum calvum** Hook.f. & Wilson  
**Orthotrichum cupulatum** Brid. ①  
 Origin: Non-endemic; Occurrence: Wild  
*Orthotrichum cupulatum* var. *austrocupulatum* (Dixon & Sainsbury) Lewinsky ①  
 = **Orthotrichum cupulatum** Brid.  
**Orthotrichum cyathiforme R.Br.bis** ①  
 Origin: Endemic; Occurrence: Wild  
*Orthotrichum erectum* R.Br.bis ①  
 = **Ulota lutea (Mitt.) Mitt.**  
*Orthotrichum gracillimum* R.Br.bis ①  
 = **Ulota lutea (Mitt.) Mitt.**  
**Orthotrichum graphiomitrium** Müll.Hal. ex Beckett ①  
 Origin: Endemic; Occurrence: Wild  
**Orthotrichum hortense** Bosw. ①  
 Origin: Non-endemic; Occurrence: Wild

- Orthotrichum incurvifolium* Hook. & Grev. ①  
= **Macromitrium incurvifolium** (Hook. & Grev.) Schwägr.
- Orthotrichum latifolium* R.Br.bis ①  
= **Orthotrichum assimile** Müll.Hal.
- Orthotrichum ligulatum* Müll.Hal. ①  
= **Orthotrichum cyathiforme** R.Br.bis
- Orthotrichum longipes* Hook. ①  
= **Macromitrium longipes** (Hook.) Schwägr.
- Orthotrichum longithecum* R.Br.bis ①  
= **Orthotrichum assimile** Müll.Hal.
- Orthotrichum luteum* Mitt. ⑤①  
= **Ulota lutea** (Mitt.) Mitt.
- Orthotrichum magnothecum* R.Br.bis ①  
= **Orthotrichum assimile** Müll.Hal.
- Orthotrichum microstomum* Hook. & Grev. ①  
= **Macromitrium microstomum** (Hook. & Grev.) Schwägr.
- Orthotrichum minimifolium* R.Br.bis ①  
= **Orthotrichum calvum** Hook.f. & Wilson
- Orthotrichum oamaruanum* R.Br.bis ①  
= **Orthotrichum cupulatum** Brid.
- Orthotrichum obesum* R.Br.bis ①  
= **Orthotrichum graphiomitrium** Müll.Hal. ex Beckett
- Orthotrichum ornatum* R.Br.bis ①  
= **Orthotrichum cupulatum** Brid.
- Orthotrichum otiraense* R.Br.bis ①  
= **Ulota lutea** (Mitt.) Mitt.
- Orthotrichum parvulum* R.Br.bis ①  
= **Ulota lutea** (Mitt.) Mitt.
- Orthotrichum prorepens* Hook. ①  
= **Macromitrium prorepens** (Hook.) Schwägr.
- Orthotrichum pseudopumilum* Venturi ①  
= **Orthotrichum cyathiforme** R.Br.bis
- Orthotrichum pulvinatum* R.Br.bis ①  
= **Orthotrichum cupulatum** Brid.
- Orthotrichum pulvinatum* var. *praeperistomatium* (Venturi) Sainsbury ⑥  
= **Orthotrichum rupestre** Schwägr.
- Orthotrichum rupestre** Schwägr. ①  
Origin: Non-endemic; Occurrence: Wild
- Orthotrichum sainsburyi** Allison ①  
Origin: Endemic; Occurrence: Wild
- Orthotrichum subleiolecythis* Paris ①  
= **Orthotrichum graphiomitrium** Müll.Hal. ex Beckett
- Orthotrichum tasmanicum** Hook.f. & Wilson ①  
Origin: Non-endemic; Occurrence: Wild
- Orthotrichum tasmanicum** var. *parvithecum* (R.Br.bis) Lewinsky ①  
Origin: Endemic; Occurrence: Wild
- Orthotrichum tortulosum* R.Br.bis ①  
= **Ulota lutea** (Mitt.) Mitt.
- Plenogemma phyllantha* (Brid.) Sawicki, Plášek & Ochyra ①①  
= **Ulota phyllantha** Brid.
- Schlotheimia** Brid. ①  
Origin: Non-endemic; Occurrence: Wild
- Schlotheimia campbelliana** Müll.Hal. ①  
Origin: Endemic; Occurrence: Wild
- Schlotheimia knightii** Müll.Hal. ①  
Origin: Endemic; Occurrence: Wild
- Ulota D.Mohr** ①  
Origin: Non-endemic; Occurrence: Wild
- Ulota anceps* Venturi ①  
= **Ulota viridis** Venturi
- Ulota bellii* Malta ①  
= **Ulota lutea** (Mitt.) Mitt.
- Ulota bellii* var. *longicolla* Malta ⑥①  
= **Ulota lutea** (Mitt.) Mitt.

*Ulota dixonii* Malta ①  
 = ***Ulota viridis* Venturi**  
*Ulota laticiliata* Malta ①  
 = ***Ulota lutea* (Mitt.) Mitt.**  
***Ulota lutea* (Mitt.) Mitt.** ⑤①  
 Origin: Non-endemic; Occurrence: Wild  
*Ulota novae-seelandiae* Sainsbury ①  
 = ***Ulota viridis* Venturi**  
***Ulota perichaetialis* (Sainsbury) Goffinet** ①  
 Origin: Endemic; Occurrence: Wild  
***Ulota viridis* Venturi** ①  
 Origin: Non-endemic; Occurrence: Wild  
*Ulota weymouthii* Venturi ①  
 = ***Ulota lutea* (Mitt.) Mitt.**

Pottiaceae

*Gymnostomum complanatum* Hook.f. & Wilson ①  
 = ***Calomnion complanatum* (Hook.f. & Wilson) Lindb.**  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

Rhizogoniaceae

*Calomnion brownseyi* Vitt & H.A.Mill. ⑨①  
 = ***Calomnion complanatum* (Hook.f. & Wilson) Lindb.**  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;  
***Calomnion complanatum* (Hook.f. & Wilson) Lindb.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Cryptopodium* Brid.** ①  
 Origin: Endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Cryptopodium bartramioides* (Hook.) Brid.** ①  
 Origin: Endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Goniobryum* Lindb.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Goniobryum subbasilare* (Hook.) Lindb.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

*Hymenodontopsis mnioides* N.E.Bell, A.E.Newton & D.Quandt ①⑤  
 = ***Pyrrhobryum mnioides* (Hook.) Manuel**

*Photinophyllum pellucidum* Mitt. ①  
 = ***Goniobryum subbasilare* (Hook.) Lindb.**  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum* Mitt.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum bifarium* (Hook.) Manuel** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum mnioides* (Hook.) Manuel** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum paramattense* (Müll.Hal.) Manuel** ①②③④⑤⑥⑦  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Pyrrhobryum paramattense* (Müll.Hal.) Manuel** ⑥  
**Rhizogoniaceae** ①

Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

***Rhizogonium* Brid.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J.[2016]: Rhizogoniaceae. *In* : *Flora of New Zealand — Mosses*;

- Rhizogonium aristatum* Hampe ①  
= ***Rhizogonium pennatum* Hook.f. & Wilson**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium bifarium* (Hook.) Schimp. ①  
= ***Pyrrhobryum bifarium* (Hook.) Manuel**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
***Rhizogonium distichum* (Sw.) Brid.** ①  
Origin: Non-endemic; Occurrence: Wild  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium helmsii* Müll.Hal. ①  
= ***Cryptopodium bartramioides* (Hook.) Brid.**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium hookeri* (Müll.Hal.) Mitt. ①  
= ***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium mnioides* (Hook.) Hook.f. & Wilson ⑤⑥①  
= ***Pyrrhobryum mnioides* (Hook.) Manuel**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium mnioides* var. *contortum* Hook.f. & Wilson ①  
= ***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium mossmanianum* (Müll.Hal.) A.Jaeger ①  
= ***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
***Rhizogonium novae-hollandiae* (Brid.) Brid.** ①  
Origin: Non-endemic; Occurrence: Wild  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
***Rhizogonium pennatum* Hook.f. & Wilson** ①  
Origin: Non-endemic; Occurrence: Wild  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium pennatum* var. *aristatum* (Hampe) Dixon ①  
= ***Rhizogonium pennatum* Hook.f. & Wilson**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;  
*Rhizogonium sinuatum* Müll.Hal. ①  
= ***Rhizogonium pennatum* Hook.f. & Wilson**  
Fife, A.J.[2016]: Rhizogoniaceae. In : *Flora of New Zealand — Mosses*;
- Sematophyllaceae
- Fallaciella* H.A.Crum** ③  
Origin: Non-endemic; Occurrence: Wild
- Rhaphidorrhynchium* Besch. ex M.Fleisch.** ①  
Origin: Non-endemic; Occurrence: Wild
- Rhaphidorrhynchium jolliffii* (Mitt.) Broth. ⑤  
= ***Sematophyllum jolliffii* (Mitt.) Dixon**  
*Rhaphidorrhynchium leucocytyus* (Müll.Hal.) Broth. ①  
= ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- Rhaphidorrhynchium tenuirostre* (Hook.) Mitt. ⑤①  
= ***Sematophyllum uncinatum* I.G.Stone & G.A.M.Scott**
- Rhaphidostegium aciculum* Broth ex Dixon ⑤  
= ***Sematophyllum aciculum* (Dixon) Dixon**
- Rhaphidostegium amoenum* (Hedw.) A.Jaeger ①  
= ***Sematophyllum amoenum* (Hedw.) Mitt.**
- Rhaphidostegium homomallum* (Hampe) Broth. ⑤①  
= ***Sematophyllum homomallum* (Hampe) Broth.**
- Rhaphidostegium jolliffii* (Mitt.) A.Jaeger ⑤①  
= ***Sematophyllum jolliffii* (Mitt.) Dixon**
- Rhaphidostegium kirkii* (Müll.Hal. ex Beckett) Broth. ⑤  
= ***Sematophyllum kirkii* (Müll.Hal. ex Beckett) Paris**
- Rhaphidostegium leucocytyus* (Müll.Hal.) A.Jaeger ①  
= ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- Sematophyllum* Mitt.** ①  
Origin: Non-endemic; Occurrence: Wild  
Fife, A.J. 2012: New taxa of *Sematophyllum* and *Wijkia* (Musci: Sematophyllaceae), with a key to New Zealand Sematophyllaceae. *New Zealand Journal of Botany* 50(4): 435-447.

- Sematophyllum amoenum* (Hedw.) Mitt. ①  
 = ***Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.**
- Sematophyllum contiguum* (Mitt.) Mitt. ①  
 = ***Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- Sematophyllum fiordensis* Fife** ⑤①  
 Origin: Endemic; Occurrence: Wild
- Sematophyllum homomallum* (Hampe) Broth.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Sematophyllum jolliffii* (Mitt.) Dixon** ⑤  
 Origin: Non-endemic; Occurrence: Wild
- Sematophyllum kirkii* (Müll.Hal. ex Beckett) Paris** ⑤  
 Origin: Endemic; Occurrence: Wild
- Sematophyllum leucocytus* (Müll.Hal.) Sainsbury ①  
 = ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- Sematophyllum tenuirostre* (Bruch & Schimp.) E.Britton** ⑤  
 Occurrence: Absent
- Taxithelium Spruce ex Mitt.*** ⑥  
 Occurrence: Absent
- Taxithelium polystichum* (Mitt.) A.Jaeger ①  
 = ***Wijkia extenuata* (Brid.) H.A.Crum**
- Warburgiella* Müll.Hal. ex Broth.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Wijkia* H.A.Crum** ①  
 Origin: Non-endemic; Occurrence: Wild
- Wijkia extenuata* (Brid.) H.A.Crum** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fife, A.J. 2012: New taxa of *Sematophyllum* and *Wijkia* (Musci: Sematophyllaceae), with a key to New Zealand Sematophyllaceae. *New Zealand Journal of Botany* 50(4): 435-447.
- Wijkia extenuata* var. *caudata* Fife** ①  
 Origin: Non-endemic; Occurrence: Wild
- Wijkia extenuata* (Brid.) H.A.Crum var. *extenuata*** ①  
 Origin: Non-endemic; Occurrence: Wild
- Timmiaceae
- Timmia* Hedw.** ①  
 Origin: Non-endemic; Occurrence: Wild
- Timmia austriaca* Hedw.** ⑥  
 Occurrence: Absent
- Coscinodiscophyceae
- Thalassiosirales
- Thalassiosiraceae
- Thalassiosira hasleae* Cassie & Dempsey** ⑤⑥  
 Origin: Endemic; Occurrence: Wild
- Cycadopsida
- Cycadales
- Zamiaceae
- Bowenia* Hook. ex Hook.f.** ⑤⑥  
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Encephalartos* Lehm.** ⑤⑥  
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Hepaticae
- Jungermanniales
- Cephaloziaceae
- Cephalozia multicuspidata* (Hook.f. & Taylor) Steph. ⑤①  
 = ***Protolophozia multicuspidata* (Hook.f. & Taylor) Váňa & Söderstr.**
- Metahygrobiella monoica* E.A.Hodgs. ⑤①  
 = ***Protolophozia monoica* (E.A.Hodgs.) Váňa & Söderstr.**  
 Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24. What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.
- Geocalyceae
- Clasmatocolea bisexualis* Glennly & J.J.Engel** ⑤  
 Origin: Endemic; Occurrence: Wild

Herbertaceae

*Triandrophyllum multicuspidatum* (Hook.f. & Taylor) E.A.Hodgs. ☹ ⊕

= ***Protolophozia multicuspidata* (Hook.f. & Taylor) Váňa & Söderstr.**

Jungermanniaceae

***Anastrophyllum stellatum* R.M.Schust.** ☹ ⊕

*Jungermannia multicuspidata* Hook.f. & Taylor ☹ ⊕

= ***Protolophozia multicuspidata* (Hook.f. & Taylor) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Jungermannia olivacea* Hook.f. & Taylor ☹ ⊕

= ***Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.shi, R.L.Zhu & Gradst.**

Shi, X.-Q.; Gradstein, S.R.; Zhu, R.-L. 2015: Phylogeny and taxonomy of *Archilejeunea* (Marchantiophyta: Lejeuneaceae) based on molecular markers and morphology. *Taxon* 64(5): 881-892.

*Lophozia autoica* R.M.Schust. ☹ ⊕

= ***Protolophozia autoica* (R.M.Schust.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia autoica* R.M.Schust. var. *autoica* ☹

= ***Protolophozia autoica* (R.M.Schust.) Váňa & Söderstr.**

*Lophozia autoica* var. *subalpina* R.M.Schust. ☹ ⊕

= ***Protolophozia subalpina* (R.M.Schust.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia druceae* Grolle & E.A.Hodgs. ☹ ⊕

= ***Protolophozia druceae* (Grolle & E.A.Hodgs.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia herzogiana* E.A.Hodgs. & Grolle ☹ ⊕

= ***Protolophozia herzogiana* (E.A.Hodgs. & Grolle) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia monoica* (E.A.Hodgs.) J.J.Engel ☹ ⊕

= ***Protolophozia monoica* (E.A.Hodgs.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia multicuspidata* (Hook.f. & Taylor) Grolle ☹ ⊕

= ***Protolophozia multicuspidata* (Hook.f. & Taylor) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia nivicola* R.M.Schust. ☹ ⊕

= ***Protolophozia nivicola* (R.M.Schust.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

*Lophozia subalpina* (R.M.Schust.) R.M.Schust. ☹ ⊕

= ***Protolophozia subalpina* (R.M.Schust.) Váňa & Söderstr.**

Váňa, J.; Söderström, L.; Hagborg, A.; von Konrat, M. 2013: Early Land Plants Today. 24.

What is *Protolophozia*? (Cephaloziellaceae, Marchantiophyta). *Phytotaxa* 76(3): 50-54.

Lejeuneaceae

*Archilejeunea mariana* sensu Campbell ☹

= ***Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.**

*Archilejeunea olivacea* (Hook.f. & Taylor) Steph. ☹ ⊕

= ***Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.shi, R.L.Zhu & Gradst.**

Shi, X.-Q.; Gradstein, S.R.; Zhu, R.-L. 2015: Phylogeny and taxonomy of *Archilejeunea* (Marchantiophyta: Lejeuneaceae) based on molecular markers and morphology. *Taxon* 64(5): 881-892.

*Archilejeunea planiuscula* (Mitt.) Steph. ☹ ⊕

= ***Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.**

Shi, X.-Q.; Gradstein, S.R.; Zhu, R.-L. 2015: Phylogeny and taxonomy of *Archilejeunea* (Marchantiophyta: Lejeuneaceae) based on molecular markers and morphology. *Taxon* 64(5): 881-892.

*Archilejeunea scutellata* (Taylor) Steph. ☹

= ***Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.shi, R.L.Zhu & Gradst.**

- Cheilolejeunea mariana* sensu (Gottsche, Lindenb. & Nees) B.Thiers & Gradst. ☹  
= ***Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.**
- Lejeunea planiuscula* Mitt. ☹☹Ⓜ  
= ***Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.**  
Shi, X.-Q.; Gradstein, S.R.; Zhu, R.-L. 2015: Phylogeny and taxonomy of *Archilejeunea* (Marchantiophyta: Lejeuneaceae) based on molecular markers and morphology. *Taxon* 64(5): 881-892.
- Spruceanthus* Verd.** Ⓐ☹  
*Thysananthus scutellus* Taylor ☹  
= ***Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.shi, R.L.Zhu & Gradst.**
- Lepidolaenaceae  
***Gackstroemia alpina* R.M.Schust.** Ⓜ  
Origin: Endemic; Occurrence: Wild  
Engel, J.J. 2013: Austral Hepaticae 50. *Gackstroemia* in New Zealand, together with an interesting new species. *Phytotaxa* 118(1): 9-21.
- Gackstroemia weindorferi* (Herzog) Grolle** Ⓜ  
Origin: Non-endemic; Occurrence: Wild  
Engel, J.J. 2013: Austral Hepaticae 50. *Gackstroemia* in New Zealand, together with an interesting new species. *Phytotaxa* 118(1): 9-21.
- Lepidolaena weindorferi* Herzog ☹Ⓜ  
= ***Gackstroemia weindorferi* (Herzog) Grolle**  
Engel, J.J. 2013: Austral Hepaticae 50. *Gackstroemia* in New Zealand, together with an interesting new species. *Phytotaxa* 118(1): 9-21.
- Lepidoziaceae  
***Neolepidozia hodgsoniae* (J.J.Engel & G.L.Sm.) E.D.Cooper** ☹  
Origin: Endemic; Occurrence: Wild
- Marchantiales  
Marchantiaceae  
***Marchantia polymorpha* L. subsp. *polymorpha*** ☹  
Origin: Exotic; Occurrence: Wild
- Marchantia polymorpha* subsp. *ruderalis* Bischl. & Boissel.-Dub.** ☹  
Origin: Exotic; Occurrence: Wild
- Magnoliopsida  
Alismatales  
Araceae  
***Arisarum vulgare* O.Targ.Tozz.** ☹  
Origin: Exotic; Occurrence: Sometimes present
- Asparagales  
Asparagaceae  
***Sansevieria* Thunb.** ☹Ⓜ  
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
- Orchidaceae  
***Acianthus* R.Br.** ☹Ⓜ  
Origin: Non-endemic; Occurrence: Wild
- Acianthus rivularis* A.Cunn. ☹Ⓜ  
= ***Corybas rivularis* (A.Cunn.) Rchb.f.**
- Bulbophyllum exiguum* F.Muell  
= ***Adelopetalum exiguum* (F.Muell.) D.L.Jones & M.A.Clem**
- Caladenia carnea* var. *minor* f. *calliniger* Hatch. ☹  
= ***Caladenia atradenia* D.L.Jones, Molloy & M.A.Clem.**
- Corybas acuminatus* M.A.Clem. & Hatch** ☹Ⓜ  
Origin: Endemic; Occurrence: Wild
- Corybas dienemus* D.L.Jones** ☹Ⓜ  
Origin: Indigenous; Occurrence: Wild
- Corybas iridescens* Irwin & Molloy** ☹Ⓜ  
Origin: Endemic; Occurrence: Wild
- Corybas longipetalus* (Hatch) Hatch ☹Ⓜ  
= ***Corybas hatchii* Lehnebach**  
Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.
- Corybas macranthus* (Hook.f.) Rchb.f.** ☹Ⓜ  
Origin: Endemic; Occurrence: Wild
- Corybas macranthus* var. *longipetalus* Hatch ☹Ⓜ  
= ***Corybas hatchii* Lehnebach**

Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.

***Corybas orbiculatus* (Colenso) L.B.Moore** ⊖ ⊕  
 Origin: Endemic; Occurrence: Wild

***Corybas papa* Molloy & Irwin** ⊖ ⊕  
 Origin: Endemic; Occurrence: Wild

*Corybas rivularis* sensu Cheeseman ⊖  
 = ***Corybas acuminatus* M.A.Clem. & Hatch**

***Corybas rivularis* (A.Cunn.) Rchb.f.** ⊖ ⊕  
 Origin: Endemic; Occurrence: Wild

***Corybas trilobus* (Hook.f.) Rchb.f.** ⊖ ⊕  
 Origin: Endemic; Occurrence: Wild

*Corysanthes acuminata* (M.A.Clem. & Hatch) Szlach. ⊖  
 = ***Corybas acuminatus* M.A.Clem. & Hatch**

*Corysanthes dienema* (D.L.Jones) Szlach ⊖  
 = ***Corybas dienemus* D.L.Jones**

*Corysanthes hypogaea* Colenso ⊖ ⊕  
 = ***Corybas hypogaeus* (Colenso) Lehnebach**  
 Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.

*Corysanthes iridescens* (Irwin & Molloy) Szlach ⊖ ⊕  
 = ***Corybas iridescens* Irwin & Molloy**

*Corysanthes macrantha* (Hook.f.) Hook.f. ⊖ ⊕  
 = ***Corybas macranthus* (Hook.f.) Rchb.f.**

*Corysanthes orbiculata* Colenso ⊖ ⊕  
 = ***Corybas orbiculatus* (Colenso) L.B.Moore**

*Corysanthes papa* (Molloy & Irwin) Szlach ⊖ ⊕  
 = ***Corybas papa* Molloy & Irwin**

*Corysanthes papillosa* Colenso ⊖ ⊕  
 = ***Corybas papillosus* (Colenso) Lehnebach**  
 Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.

*Corysanthes rivularis* (A.Cunn.) Hook.f. ⊖ ⊕  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**

*Corysanthes rotundifolia* sensu Cheeseman ⊖  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**

*Corysanthes rotundifolia* var. *pandurata* Cheeseman ⊖ ⊕  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**

*Corysanthes triloba* (Hook.f.) Hook.f. ⊖ ⊕  
 = ***Corybas trilobus* (Hook.f.) Rchb.f.**

*Nematoceras* Hook.f. ⊖ ⊕  
 = ***Corybas Salisb.***

*Nematoceras acuminatum* (M.A.Clem. & Hatch) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas acuminatus* M.A.Clem. & Hatch**

*Nematoceras dienemum* (D.L.Jones) D.L.Jones, M.A.Clem. & Molloy ⊖ ⊕  
 = ***Corybas dienemus* D.L.Jones**

*Nematoceras hypogaeum* (Colenso) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas hypogaeus* (Colenso) Lehnebach**  
 Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.

*Nematoceras iridescens* (Irwin & Molloy) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas iridescens* Irwin & Molloy**

*Nematoceras longipetalum* (Hatch) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas hatchii* Lehnebach**  
 Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.

*Nematoceras macranthum* Hook.f. ⊖ ⊕  
 = ***Corybas macranthus* (Hook.f.) Rchb.f.**

*Nematoceras orbiculatum* (Colenso) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas orbiculatus* (Colenso) L.B.Moore**

*Nematoceras panduratum* (Cheeseman) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**

*Nematoceras papa* (Molloy & Irwin) Molloy, D.L.Jones & M.A.Clem. ⊖ ⊕  
 = ***Corybas papa* Molloy & Irwin**



- Nematoceras papillosum* (Colenso) Molloy, D.L.Jones & M.A.Clem. ☉ ⊕  
 = ***Corybas papillosum* (Colenso) Lehnebach**  
 Lehnebach, C.A. 2016: New combinations and a replacement name for three New Zealand spider orchids (*Corybas*). *The New Zealand Native Orchid Journal* 139: 4-5.
- Nematoceras rivulare* (A.Cunn.) Hook.f. ☉ ⊕  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**
- Nematoceras rivularis* (A.Cunn.) Molloy, D.L.Jones & M.A.Clem. ☉ ⊕  
 = ***Corybas rivularis* (A.Cunn.) Rchb.f.**
- Nematoceras trilobum* Hook.f. ☉ ⊕  
 = ***Corybas trilobus* (Hook.f.) Rchb.f.**

Asterales

Compositae

- Onopordum acanthium* L.** ⊕  
 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, Botany Division DSIR.

Caryophyllales

Polygonaceae

- Antenoron* Raf. ☉ ⊕  
 = ***Persicaria* (L.) Mill.**  
 Mabberley, D.J. 2008: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1021 p.
- Antenoron filiforme* (Thunb.) Roberty & Vautier ☉ ⊕  
 = ***Persicaria virginiana* var. *filiformis* (Thunb.) J.M.H.Shaw**  
 Shaw, J.M.H. 2008: New names in *Persicaria virginiana*. *Hanburyana* 3: 3-9.

Dipsacales

Caprifoliaceae

- Abelia* R.Br. ☉ ⊕  
 = ***Linnaea* Gronov.**  
 Christenhusz, M.J.M. 2013: Twins are not alone: a recircumscription of *Linnaea* (Caprifoliaceae). *Phytotaxa* 125(1): 25-32.
- Abelia triflora* R.Br. ex Wall. ☉ ⊕  
 = ***Zabelia triflora* (R.Br. ex Wall.) Makino**  
 Christenhusz, M.J.M. 2013: Twins are not alone: a recircumscription of *Linnaea* (Caprifoliaceae). *Phytotaxa* 125(1): 25-32.
- Abelia* ×*grandiflora* (André) Rehder ☉ ⊕  
 = ***Linnaea* ×*grandiflora* (André) Christenh.**  
 Christenhusz, M.J.M. 2013: Twins are not alone: a recircumscription of *Linnaea* (Caprifoliaceae). *Phytotaxa* 125(1): 25-32.
- Kolkwitzia* Graebn. ☉ ⊕  
 = ***Linnaea* Gronov.**  
 Christenhusz, M.J.M. 2013: Twins are not alone: a recircumscription of *Linnaea* (Caprifoliaceae). *Phytotaxa* 125(1): 25-32.
- Kolkwitzia amabilis* Graebn. ☉ ⊕  
 = ***Linnaea amabilis* (Graebn.) Christenh.**  
 Christenhusz, M.J.M. 2013: Twins are not alone: a recircumscription of *Linnaea* (Caprifoliaceae). *Phytotaxa* 125(1): 25-32.

Ericales

Primulaceae

- Lysimachia arvensis* (L.) U.Manns & Anderb. subsp. *arvensis*** ☉  
 Origin: Exotic; Occurrence: Wild

Fagales

Nothofagaceae

- Nothofagus antarctica* (G.Forst.) Oerst.** ⊕  
 Origin: Exotic; Occurrence: Sometimes present  
 Heenan, P.B.; Smissen, R.D. 2013: Revised circumscription of *Nothofagus* and recognition of the segregate genera *Fuscospora*, *Lophozonia*, and *Trisyngyne* (Nothofagaceae). *Phytotaxa* 146(1): 1-31.
- Nothofagus* (*Nothofagus*) Blume ☉☉ ⊕  
 = ***Nothofagus* Blume**  
 Heenan, P.B.; Smissen, R.D. 2013: Revised circumscription of *Nothofagus* and recognition of the segregate genera *Fuscospora*, *Lophozonia*, and *Trisyngyne* (Nothofagaceae). *Phytotaxa* 146(1): 1-31.

**Nothofagus (Nothofagus) (Calusparassus) ⑤⑥**

*Nothofagus (Nothofagus) (Calusparassus) (Quadripartitae)* (Steenis) Steenis ⑤

= **Fuscospora (R.S.Hill & J.Read) Heenan & Smissen**

*Nothofagus (Nothofagus) (Calusparassus) (Tripartitae)* Steenis ⑤

= **Fuscospora (R.S.Hill & J.Read) Heenan & Smissen**

Lamiales

Plantaginaceae

***Kickxia elatine* (L.) Dumort. ①**

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, Botany Division DSIR.

Scrophulariaceae

***Derwentia blakelyi* B.G.Briggs & Ehrend. ①**

= ***Veronica blakelyi* (B.G.Briggs & Ehrend.) B.G.Briggs**

Garnock-Jones, P.J.; Albach, D.; Briggs, B.G. 2007: Botanical names in Southern Hemisphere *Veronica* (Plantaginaceae): sect. *Detzneria*, ect. *Hebe*, and sect. *Labiatooides*. *Taxon* 56: 571-582.

Malpighiales

Euphorbiaceae

***Chamaesyce* Gray ⑤ ①**

= ***Euphorbia* L.**

Steinmann, V.W.; Porter, J.M. 2002: Phylogenetic relationships in Euphorbieae (Euphorbiaceae) based on ITS and ndhF sequence data. *Annals of the Missouri Botanical Garden* 89: 453-490.

***Chamaesyce atoto* (G.Forst.) Croizat ⑤ ①**

= ***Euphorbia atoto* G.Forst**

***Chamaesyce hirta* (L.) Millsp. ⑤ ①**

= ***Euphorbia hirta* L.**

***Chamaesyce maculata* (L.) Small ⑤ ①**

= ***Euphorbia maculata* L.**

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

***Chamaesyce nutans* (Lag.) Small ⑤ ①**

= ***Euphorbia nutans* Lag.**

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

***Chamaesyce serpens* (Kunth) Small ⑤ ①**

= ***Euphorbia serpens* Kunth**

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

***Euphorbia atoto* G.Forst ⑤ ① ⑤**

Origin: Exotic; Occurrence: Absent

***Euphorbia hirta* L. ⑤**

Origin: Exotic; Occurrence: Wild

***Euphorbia maculata* L. ⑤ ①**

Origin: Exotic; Occurrence: Wild

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

***Euphorbia nutans* Lag. ⑤ ①**

Origin: Exotic; Occurrence: Wild

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

***Euphorbia serpens* Kunth ⑤ ①**

Origin: Exotic; Occurrence: Sometimes present

Pahlevani, A.H.; Riina, R. 2011: A synopsis of *Euphorbia* subgen. *Chamaesyce* (Euphorbiaceae) in Iran. *Annales Botanici Fennici* 48: 304-316.

Malvales

Thymelaeaceae

***Pimelea arenaria* A.Cunn.**

= ***Pimelea villosa* subsp. *arenaria* (A.Cunn.) C.J.Burrows**

Myrtales

Myrtaceae

*Agonis juniperina* Schauer ☹ ①

= ***Taxandria juniperina* (Schauer) J.R. Wheeler & N.G. Marchant**

Wheeler, J.R.; Marchant, N.G. 2007: A revision of the Western Australian genus *Agonis* (Myrtaceae) and two new segregate genera *Taxandria* and *Paragonis*. *Nuytsia* 16(2): 393-433.

***Taxandria* (Benth.) J.R. Wheeler & N.G. Marchant** ① ② ③

Origin: Exotic; Occurrence: Sometimes present

Pandanales

Pandanaceae

***Pandanus tectorius* Parkinson ex Du Roi** ③

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

Poales

Cyperaceae

*Schoenus axillaris* (R.Br.) Poir. ③

= ***Schoenus maschalinus* Roem. & Schult.**

Gramineae

*Stipa variabilis* Hughes

= ***Austrostipa variabilis* (Hughes) S.W.L.Jacobs & J.Everett**

***Zizania palustris* L.** ①

Origin: Exotic; Occurrence: Eradicated

Edgar, E.; Connor, H.E. 2010: *Flora of New Zealand Volume V Grasses*. Manaaki Whenua Press. 673 p.

Rosales

Moraceae

*Fatoua pilosa* Gaudich. ☹ ①

= ***Fatoua villosa* (Thunb.) Nakai**

***Fatoua villosa* (Thunb.) Nakai** ②

Origin: Exotic; Occurrence: Sometimes present

Rosaceae

*Cerasus cerasoides* (D.Don) S.Ya.Sokolov ①

= ***Prunus cerasoides* D.Don.**

Mabberley, D.J. 2008: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1021 p.

***Prunus armeniaca* L.** ①

Origin: Exotic; Occurrence: Sometimes present

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.

***Rubus anglocandicans* A.Newton** ①

Origin: Exotic; Occurrence: Wild

Evans, K.J.; Weber, H.E. 2003: *Rubus anglocandicans* (Rosaceae) is the most widespread taxon of European blackberry in Australia. *Australian Systematic Botany* 16(4): 527-537.

***Rubus rosifolius* Sm.** ①

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, Botany Division DSIR.

***Sorbaria* (Ser.) A.Braun** ①

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, Botany Division DSIR.

Urticaceae

***Urtica aspera* Petrie** ①

Origin: Endemic; Occurrence: Wild

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

***Urtica dioica* L.** ①

Origin: Exotic; Occurrence: Wild

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

***Urtica dioica* subsp. *gracilis* (Aiton) Selander** ☉Ⓟ

Occurrence: Absent

***Urtica incisa* Poir.** ☉Ⓜ

Origin: Exotic; Occurrence: Wild

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

*Urtica incisa* var. *linearifolia* Cheeseman ☉Ⓜ

= ***Urtica incisa* Poir.**

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

*Urtica linearifolia* (Hook.f.) Cockayne ☉Ⓜ

= ***Urtica incisa* Poir.**

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

*Urtica lucifuga* var. *linearifolia* Hook.f. ☉Ⓜ

= ***Urtica incisa* Poir.**

Grosse-Veldmann, B.; Conn, B.J.; Weigend, M. 2016: Weeding the nettles IV: A redefinition of *Urtica incisa* and allies in New Zealand and Australia, including the segregation of two new species *Urtica sykesii* and *U. perconfusa*. *Phytotaxa* 245(4): 251-261.

## Pinopsida

### Pinales

#### Podocarpaceae

*Dacrydium* Sol. ex Lamb. ☉Ⓜ

= ***Dacrydium* Sol. ex G.Forst.**

Nicolson, D.H.; Fosberg, F.R. 2003: The Forsters and the Botany of the Second Cook Expedition (1772–1775). *Regnum Vegetabile* 139: 1-760.

***Dacrydium* Sol. ex G.Forst.** Ⓐ☉ⓅⓂⓂ

Origin: Non-endemic; Occurrence: Wild

Nicolson, D.H.; Fosberg, F.R. 2003: The Forsters and the Botany of the Second Cook Expedition (1772–1775). *Regnum Vegetabile* 139: 1-760.

*Dacrydium bidwillii* Kirk ☉

= ***Halocarpus bidwillii* (Kirk) Quinn**

*Dacrydium biforme* (Hook.) Pilg. ☉

= ***Halocarpus biformis* (Hook.) Quinn**

*Dacrydium colensoi* Hook. ☉

= ***Manoao colensoi* (Hook.) Molloy**

***Dacrydium cupressinum* Sol. ex G.Forst.** ☉ⓅⓂ☉☉Ⓜ

Origin: Endemic; Occurrence: Wild

Nicolson, D.H.; Fosberg, F.R. 2003: The Forsters and the Botany of the Second Cook Expedition (1772–1775). *Regnum Vegetabile* 139: 1-760.

*Dacrydium cupressinum* Sol. ex Lamb. ☉☉Ⓜ

= ***Dacrydium cupressinum* Sol. ex G.Forst.**

*Dacrydium franklinii* Hook.f. ☉

= ***Lagarostrobos franklinii* (Hook.f.) Quinn**

*Dacrydium intermedium* Kirk ☉

= ***Lepidothamnus intermedium* (Kirk) Quinn**

*Dacrydium kirkii* F.Muell. ex Parl. ☉

= ***Halocarpus kirkii* (Parl.) Quinn**

*Dacrydium laxifolium* Hook.f. ☉

= ***Lepidothamnus laxifolius* (Hook.f.) Quinn**

*Dacrydium taxifolium* R.Br. ex Mirb. ☉

= ***Prumnopitys taxifolia* (D.Don) de Laub.**

*Dacrydium westlandicum* Hook.f. ☉  
= ***Manoao colensoi* (Hook.) Molloy**  
***Phyllocladus trichomanoides* G.Benn ex D.Don** ☉  
Origin: Endemic; Occurrence: Wild  
***Phyllocladus trichomanoides* G.Benn ex D.Don var. *trichomanoides*** ☉  
*Podocarpus ferrugineus* G.Benn. ex D.Don ☉  
= ***Prumnopitys ferruginea* (D.Don) de Laub.**

Polypodiopsida

Hymenophyllales

Hymenophyllaceae

*Diploophyllum* ☉  
= ***Hymenophyllum (Diploophyllum)***  
*Diploophyllum dilatatum* (G.Forst.) Bosch ☉  
= ***Hymenophyllum dilatatum* (G.Forst.) Sw.**  
*Diploophyllum scabrum* (A.Rich.) Bosch ☉  
= ***Hymenophyllum scabrum* A.Rich.**  
*Hymenophyllum aeruginosum* var. *franklinianum* Hook. ☉  
= ***Hymenophyllum frankliniae* Colenso**  
*Hymenophyllum crispatum* Hook. & Grev. ☉  
= ***unknown***  
*Sphaerocionium ferrugineum* (Colla) Copel.  
= ***Hymenophyllum ferrugineum* Colla**  
*Trichomanes tomaniiviense* Brownlie  
= ***Hymenophyllum tomaniiviense* (Brownlie) Ebihara & K.Iwats.**

Polypodiales

Polypodiaceae

*Chrysopteris* ☉  
= ***Polypodium* L.**

Tremellomycetes

Tremellales

Tremellaceae

***Tremella* Pers.** ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild  
***Tremella ramalinae* Diederich** ☉Ⓟ  
Origin: Non-endemic; Occurrence: Wild

