



## Plant Names Database: Quarterly changes

1 March 2020



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**MANAAKI WĒNUA**

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<http://dx.doi.org/10.26065/d37z-6s65>

## CATALOGUING IN PUBLICATION

Plant names database: quarterly changes [electronic resource]. – [Lincoln, Canterbury, New Zealand] : Landcare Research Manaaki Whenua, 2014- .

Online resource

Quarterly

November 2014-

ISSN 2382-2341

I. Manaaki Whenua-Landcare Research New Zealand Ltd. II. Allan Herbarium.

## Citation and Authorship

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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](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 4 September 2019 and 1 March 2020.

## Notification Service

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

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

## Acknowledgements

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

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

The Plant Names Database and the preparation of this report were supported by Core funding for Crown Research Institutes from the Ministry of Business, Innovation and Employment's Science and Innovation Group.

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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)

- Abrothallus De Not.** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild
- Abrothallus parmeliarum (Sommerf.) Arnold** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild
- Callophyllis Kütz.** ⊙
- Massalongia carnosa (Dicks.) Körb.** ⊙⊕  
Occurrence: Absent
- Psorothecium taitense* (Mont.) A.Massal. ⊖  
= **Megalospora sulphurata Meyen**
- Rimulariaceae
  - Rimularia hepaticola Kantvilas & Coppins** ⊕  
Origin: Non-endemic; Occurrence: Wild
  - Rimularia maculata Fryday** ⊙  
Origin: Endemic; Occurrence: Wild
- Pleosporales
  - Arthopyreniaceae
    - Arthopyrenia gemellipara (C.Knight) Müll.Arg.** ⊙⊕  
Origin: Endemic; Occurrence: Wild
  - Dacampiaceae
    - Polycoccum perrugosae Brackel** ⊙⊚  
Origin: Endemic; Occurrence: Wild  
Brackel, W. von; Berger, F. 2010: Gall-inducing species of *Polycoccum* (Ascomycota) on the lichen genus *Placopsis*. *Herzogia* 23(2): 195-204.
- Ascomycetes
  - Icmadophilaceae
    - Icmadophila ericetorum (L.) Zahlbr.** ⊙⊕  
Occurrence: Absent
  - Lichenotheliaceae
    - Lichenostigma rugosum* G.Thor ⊖  
= **Lichenothelia rugosa (G.Thor) Ertz & Diederich**
  - Strigulaceae
    - Phylloporis* Clem. ⊖⊚  
= **Strigula Fr.**
    - Phylloporis viridis* Lücking ⊖⊚  
= **Strigula viridis (Lücking) R.C.Harris**
    - Strigula stigmatella** ⊕  
Occurrence: Absent
    - Strigula stigmatella* var. *alpestris* (Vězda) Coppins ⊖  
= **Strigula stigmatella**
    - Strigula viridis (Lücking) R.C.Harris** ⊙⊕⊖⊚  
Origin: Non-endemic; Occurrence: Wild
  - Umbilicariaceae
    - Umbilicaria antarctica Frey & I.M.Lamb** ⒶⓈ  
Occurrence: Absent
- Agyriales
  - Trapeliaceae
    - Placopsis parellina (Nyl.) I.M.Lamb** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild
    - Placopsis parellina* var. *carnea* f. *subcribellans* I.M.Lamb ⊙  
= **Placopsis subcribellans (I.M.Lamb) D.J.Galloway**
    - Trapelia lilacea Kantvilas & Elix** ⊙⊕  
Origin: Non-endemic; Occurrence: Wild

Arthoniales

**Arthothelium interveniens (Nyl.) Zahlbr.** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

Arthoniaceae

**Arthonia santessoniana Wedin & Hafellner** Ⓟ

Origin: Non-endemic; Occurrence: Wild

Roccellaceae

**Bactrospora arthonioides Egea & Torrente** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

*Dirina neozelandica* (Redinger) Sparrius ☉Ⓟ

= **Schismatomma neozelandicum (Redinger) Tehler & Ertz**

Tehler, A.; Ertz, D.; Irestedt, M. 2013: The genus *Dirina* (Roccellaceae, Arthoniales) revisited. *The Lichenologist* 45(4): 427-476.

*Enterographa neozelandica* Redinger ☉Ⓟ

= **Schismatomma neozelandicum (Redinger) Tehler & Ertz**

*Enterographa neozelandica* var. *murina* Redinger ☉Ⓟ

= **Schismatomma neozelandicum (Redinger) Tehler & Ertz**

Tehler, A.; Ertz, D.; Irestedt, M. 2013: The genus *Dirina* (Roccellaceae, Arthoniales) revisited. *The Lichenologist* 45(4): 427-476.

**Lecanactis Körb.** Ⓟ

Origin: Non-endemic;

**Lecanactis mollis (Stirt.) Frisch & Ertz** ☉ⓅⓅ

Origin: Non-endemic; Occurrence: Wild

Ertz, D.; Tehler, A.; Irestedt, M.; Frisch, A.; Thor, G.; van den Boom, P. 2015: A large-scale phylogenetic revision of Roccellaceae (Arthoniales) reveals eight new genera. *Fungal Diversity* 70(1): 31-53.

*Opegrapha fineranii* C.W.Dodge ☉Ⓟ

= **Schismatomma neozelandicum (Redinger) Tehler & Ertz**

*Peterjamesia* D.Hawksw. ☉

= **Roccellographa J.Steiner**

*Peterjamesia circumscripta* (Leight.) D. Hawksw. ☉

= **Roccellographa circumscripta (Leight.) Ertz & Tehler**

**Roccellographa J.Steiner** ☉Ⓟ

Origin: Non-endemic; Occurrence: Wild

*Sagenidium* Stirt. ☉Ⓟ

= **Lecanactis Körb.**

Ertz, D.; Tehler, A.; Irestedt, M.; Frisch, A.; Thor, G.; van den Boom, P. 2015: A large-scale phylogenetic revision of Roccellaceae (Arthoniales) reveals eight new genera. *Fungal Diversity* 70(1): 31-53.

*Sagenidium molle* Stirt. ☉Ⓟ

= **Lecanactis mollis (Stirt.) Frisch & Ertz**

Ertz, D.; Tehler, A.; Irestedt, M.; Frisch, A.; Thor, G.; van den Boom, P. 2015: A large-scale phylogenetic revision of Roccellaceae (Arthoniales) reveals eight new genera. *Fungal Diversity* 70(1): 31-53.

Caliciales

Coniocybaceae

**Coniocybe Ach.** Ⓟ

Occurrence: Absent

Gyalectales

Gyalectaceae

*Biatorinopsis myriadella* (Nyl.) Müll.Arg. ☉Ⓟ

= **Gyalecta myriadella (Nyl.) Hellb.**

*Biatorinopsis pallidula* Müll.Arg. ☉Ⓟ

= **Coenogonium pallidulum (Müll. Arg.) Vězda**

*Coenogonium pertenu* (Stirt.) Kalb & Lücking ☉ⓅⓅ

= **Coenogonium luteum (Dicks.) Kalb & Lücking**

Kantvilas, G.; Rivas Plata, E.; Lücking, R. 2018: The lichen genus *Coenogonium* in Tasmania. *The Lichenologist* 50(5): 571-582.

*Cryptolechia* A.Massal. ☉Ⓟ

= **Gyalecta Ach.**

Lücking, R.; Moncada, B.; Hawksworth, D.L. 2019: Gone with the wind: sequencing its type species supports inclusion of *Cryptolechia* in *Gyalecta* (Ostropales: Gyalectaceae). *The Lichenologist* 51(4): 287-299.

*Cryptolechia myriadella* (Nyl.) D.Hawksw. & Dibben ☹️ ①  
= ***Gyalecta myriadella* (Nyl.) Hellb.**  
Lücking, R.; Moncada, B.; Hawksworth, D.L. 2019: Gone with the wind: sequencing its type species supports inclusion of *Cryptolechia* in *Gyalecta* (Ostropales: Gyalectaceae). *The Lichenologist* 51(4): 287-299.

***Gyalecta myriadella* (Nyl.) Hellb.** ☹️ ①  
Lücking, R.; Moncada, B.; Hawksworth, D.L. 2019: Gone with the wind: sequencing its type species supports inclusion of *Cryptolechia* in *Gyalecta* (Ostropales: Gyalectaceae). *The Lichenologist* 51(4): 287-299.

***Gyalecta pellucida* (Coppins & Malcolm) Baloch & Lücking** ②③  
Origin: Endemic; Occurrence: Wild

***Gyalecta vezdana* (Malcolm & Coppins) Baloch & Lücking** ②③  
Origin: Endemic; Occurrence: Wild

#### Hypocreales

##### Niessliaceae

***Niesslia tatjanae* (S.Y.Kondr.) Etayo** ②③  
Origin: Non-endemic; Occurrence: Wild

#### Lecanorales

*Siphula jamesii* Kantvilas ☹️ ①

= ***Parasiphula jamesii* (Kantvilas) Kantvilas & Grube**

Grube, M.; Kantvilas, G. 2006: *Siphula* represents a remarkable case of morphological convergence in sterile lichens. *The Lichenologist* 38: 241-249.

***Siphula subcoriacea* Müll.Arg.** ③  
Occurrence: Absent

***Thamnomia vermicularis* (Sw.) Ach. ex Schaer. var. *vermicularis*** ③  
Origin: Non-endemic; Occurrence: Wild

#### Bacidiaceae

***Bacidia leucocarpa* C.Knight** ②③①  
Origin: Non-endemic; Occurrence: Wild

Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.* 1 ed. Lincoln, Manaaki Whenua Press. 1006 p.

***Bacidia leucothalamia* (Nyl.) Hellb.** ②③  
Origin: Endemic; Occurrence: Wild

***Lecania naegelii* (Hepp) Diederich & Van den Boom** ②③  
Origin: Non-endemic; Occurrence: Wild

#### Candelariaceae

***Candelariella flava* (C.W.Dodge & G.E. Baker) Castello & Nimis** ③  
Occurrence: Absent

***Candelariella vitellina* (Ehrh.) Müll.Arg.** ②③  
Origin: Non-endemic; Occurrence: Wild

#### Catillariaceae

*Catillaria caesiopallens* var. *tristior* f. *nigrita* Zahlbr. ③  
= ***Megalaria melanotropa* (Nyl.) D.J.Galloway**

#### Cladoniaceae

*Cladia fuliginosa* Filson ☹️  
= ***Rexia fuliginosa* (Filson) S.Stenroos, Pino-Bodas & Ahti**

*Cladonia cornuta* sensu Galloway ③  
= ***Cladonia fuscofunda* S.Hammer**

***Cladonia crispata* (Ach.) Flot. var. *crispata*** ②③  
Origin: Non-endemic; Occurrence: Wild

*Cladonia gracilis* var. *chordalis* subvar. *campbelliana* Vain. ③  
= ***Cladonia sarmentosa* (Hook.f. & Taylor) C.W.Dodge**

***Cladonia humilis* (With.) J.R.Laundon var. *humilis*** ②③  
Origin: Non-endemic; Occurrence: Wild

***Cladonia macilenta* Hoffm.** ②③  
Origin: Non-endemic; Occurrence: Wild

***Cladonia macroptera* Räsänen** ②③  
Origin: Non-endemic; Occurrence: Wild

*Cladonia neozelandica* var. *lewis-smithii* Ahti, Elix, Øvstedal ☹️ ①  
= ***Cladonia neozelandica* Vain.**

***Cladonia neozelandica* Vain. var. *neozelandica*** ②③③  
Origin: Non-endemic; Occurrence: Wild



- Cladonia sulcata* A.W.Archer var. *sulcata*** ⑤  
Origin: Non-endemic; Occurrence: Wild
- Pulchrocladia retipora* (Labill.) S.Stenroos, Pino-Bodas & Ahti** ⑥  
Origin: Non-endemic; Occurrence: Wild
- Rexia fuliginosa* (Filson) S.Stenroos, Pino-Bodas & Ahti** ⑥  
Origin: Non-endemic; Occurrence: Wild
- Coccocarpiaceae
- Steinera symptychia* (Tuck.) T.Sprib. & Muggia** ⑤  
Origin: Non-endemic; Occurrence: Wild
- Collemataceae
- Leptogium cyanizum* (Nyl.) Nyl.** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Dactylosporaceae
- Sclerococcum lobariellum* (Nyl.) Ertz & Diederich** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Hymeneliaceae
- Aspicilia rogeri* Sohrabi** ⑥  
Origin: Non-endemic; Occurrence: Uncertain
- Lobothallia radiosa* (Hoffm.) Hafellner** ①  
Origin: Non-endemic; Occurrence: Wild  
Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.* 1 ed. Lincoln, Manaaki Whenua Press. 1006 p.
- Lecanoraceae
- Lecanora cinnabarina* Ach.** ④①  
= ***Brownliella cinnabarina* (Ach.) S.Y. Kondr., Kärnefelt, A. Thell, Elix, J. Kim, A.S. Kondr. & Hur**
- Lecanora queenslandica* C.Knight** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Lecanora rupicola* (L.) Zahlbr.** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Lecanora subimmergens* Vain.** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Lecidella scabra* (Taylor) Hertel & Leuckert** ④⑥  
Origin: Non-endemic; Occurrence: Wild
- Megalaria imshaugii* Fryday** ④①  
= ***Megalaria obludens* (Nyl.) Fryday & Lendemer**  
Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist* 42(5): 587-600.
- Megalaria semipallida* (C.Knight) D.J.Galloway** ④①  
= ***Micarea denigrata* (Fr.) Hedl.**  
Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist* 42(5): 587-600.
- Megalaria variegata* (Müll.Arg.) D.J.Galloway** ④①  
= ***Cliostomum griffithii* (Sm.) Coppins**  
Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist* 42(5): 587-600.
- Lecideaceae
- Bryobilimbia australis* (Kantvilas & Messuti) Fryday, Printzen & S.Ekman** ⑤  
Origin: Non-endemic; Occurrence: Wild
- Hypocenomyce scalaris* (Ach. ex Lilj.) M.Choisy** ⑥  
Origin: Non-endemic; Occurrence: Wild
- Lecidea capensis* Zahlbr.** ④⑥①  
Origin: Non-endemic; Occurrence: Wild  
Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.* 1 ed. Lincoln, Manaaki Whenua Press. 1006 p.
- Lecidea glabella* Kremp.** ④①  
= ***Gyalecta myriadella* (Nyl.) Hellb.**
- Lecidea myriadella* Nyl.** ④①  
= ***Gyalecta myriadella* (Nyl.) Hellb.**
- Lecidea petraea* var. *fuscoatra* f. *grandis* Flörke** ⑤  
= ***Rhizocarpon grande* (Flörke) Arnold**



- Lecidea scabra* Taylo ☉  
 = ***Lecidella scabra* (Taylor) Hertel & Leuckert**
- Micareaeae  
***Psilolechia* A.Massal.** ☉☐  
 Origin: Non-endemic; Occurrence: Wild  
***Psilolechia clavulifera* (Nyl.) Coppins** ☉☐  
 Origin: Non-endemic; Occurrence: Wild  
***Psilolechia lucida* (Ach.) M.Choisy** ☉☐  
 Origin: Non-endemic; Occurrence: Wild
- Mycoblastaceae  
***Mycoblastus disporus* (C.Knight) Kantvilas** ☉☐  
 Origin: Non-endemic; Occurrence: Wild
- Pannariaceae  
***Fuscopannaria crustata* (Stirt.) P.M.Jørg.** ☉☐  
 Origin: Non-endemic; Occurrence: Wild  
*Psoroma pyxinoides* Nyl. ☉Ⓜ  
 = ***Pannaria pyxinoides* (Nyl.) Elvebakk**  
 Elvebakk, A. 2018: *Pannaria pyxinoides* comb. nov., an overlooked lichen species from northern New Zealand. *Australasian Lichenology* 83: 36-39.
- Parmeliaceae  
*Cetraria chlorophylla* (Willd.) Vain. ☉Ⓜ  
 = ***Nephromopsis chlorophylla* (Willd.) Divakar, Crespo & Lumbsch**  
 Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.  
*Cetraria islandica* ♂ *delisei* Bory ex Schaer. ☉Ⓜ  
 = ***Cetraria delisei* (Bory ex Schaer.) Nyl.**  
*Cetraria juniperina* var. *canadensis* Räsänen ☉  
 = ***Cetraria canadensis* (Räsänen) Räsänen**  
*Cetrariella* Kärnefelt & A.Thell ☉Ⓜ  
 = ***Cetraria* Ach.**  
 Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.  
*Cetrariella delisei* (Bory ex Schaer.) Kärnefelt & A.Thell ☉Ⓜ  
 = ***Cetraria delisei* (Bory ex Schaer.) Nyl.**  
 Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.  
***Hypotrachyna horrescens* (Taylor) Krog & Swinscow** ☉☐☉Ⓜ  
 Origin: Non-endemic; Occurrence: Wild  
 Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.  
***Hypotrachyna minarum* (Vain.) Krog & Swinscow** ☉☐☉Ⓜ  
 Origin: Non-endemic; Occurrence: Wild  
 Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.  
***Hypotrachyna sorocheila* (Vain.) Divakar, A.Crespo, Sipman, Elix & Lumbsch** ☉  
 Origin: Non-endemic; Occurrence: Wild  
***Hypotrachyna spumosa* (Asahina) Krog & Swinscow** ☉☐☉Ⓜ  
 Origin: Non-endemic; Occurrence: Wild  
***Hypotrachyna subfatiscens* (Kurok.) Swinscow & Krog** ☉☐☉Ⓜ  
 Origin: Non-endemic; Occurrence: Wild  
 Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.  
*Lichen chlorophyllus* Willd. ☉Ⓜ  
 = ***Nephromopsis chlorophylla* (Willd.) Divakar, Crespo & Lumbsch**  
 Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.

- Melanelia calva* (Essl.) Essl. ☹️ ①  
= ***Austromelanelixia calva* (Essl.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Melanelia subglabra* (Räsänen) Essl. ☹️ ①  
= ***Austromelanelixia subglabra* (Ra's.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Melanelixia* O.Blanco, A.Crespo, Divakar, Essl., D.Hawksw. & Lumbsch** ☹️ ②  
Occurrence: Absent
- Melanelixia calva* (Essl.) A.Crespo, Divakar & Elix ☹️ ①  
= ***Austromelanelixia calva* (Essl.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Melanelixia subglabra* (Räsänen) A.Crespo, Divakar & Elix ☹️ ①  
= ***Austromelanelixia subglabra* (Ra's.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Menegazzia inactiva* P.James & Kantvilas** ☹️ ②  
Occurrence: Uncertain
- Notoparmelia* A.Crespo, Ferencová & Divakar** ☹️ ①  
Origin: Non-endemic; Occurrence: Wild  
Ferencova, Z.; Cubas, P.; Divakar, P.K.; Molina, M.C.; Crespo, A. 2014: *Notoparmelia*, a new genus of Parmeliaceae (Ascomycota) based on overlooked reproductive anatomical features, phylogeny and distribution pattern. *The Lichenologist* 46(1): 51-67.
- Notoparmelia crambidiocarpa* (Zahlbr.) A.Crespo, Ferencova & Divakar** ☹️  
Origin: Endemic; Occurrence: Wild
- Notoparmelia salcrambidiocarpa* (Hale) A. Crespo, Ferencova & Divakar** ☹️ ②  
Origin: Non-endemic; Occurrence: Wild
- Notoparmelia tenuirima* (Hook.f. & Taylor) A.Crespo, Ferencova & Divakar** ☹️ ②  
Origin: Non-endemic; Occurrence: Wild
- Parmelia calva* Essl. ☹️ ①  
= ***Austromelanelixia calva* (Essl.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Parmelia conspersa* var. *laxa* f. *isidiigera* Müll.Arg. ☹️  
= ***Xanthoparmelia isidiigera* (Müll.Arg.) Elix & J.Johnst.**
- Parmelia crambidiocarpa* Zahlbr. ①  
= ***Notoparmelia crambidiocarpa* (Zahlbr.) A.Crespo, Ferencova & Divakar**  
Ferencova, Z.; Cubas, P.; Divakar, P.K.; Molina, M.C.; Crespo, A. 2014: *Notoparmelia*, a new genus of Parmeliaceae (Ascomycota) based on overlooked reproductive anatomical features, phylogeny and distribution pattern. *The Lichenologist* 46(1): 51-67.
- Parmelia horrescens* Taylor ☹️ ①  
= ***Hypotrachyna horrescens* (Taylor) Krog & Swinscow**
- Parmelia minarum* Vain. ☹️ ①  
= ***Hypotrachyna minarum* (Vain.) Krog & Swinscow**
- Parmelia spumosa* Asahina ☹️ ①  
= ***Hypotrachyna spumosa* (Asahina) Krog & Swinscow**
- Parmelia subaurifera* var. *subglabra* Räsänen ☹️ ①  
= ***Austromelanelixia subglabra* (Ra's.) Divakar, Crespo & Lumbsch**  
Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Parmelia subfatiscens* Kurok. ☹️ ①  
= ***Hypotrachyna subfatiscens* (Kurok.) Swinscow & Krog**
- Parmelia subglabra* (Räsänen) Essl. ☹️ ①  
= ***Austromelanelixia subglabra* (Ra's.) Divakar, Crespo & Lumbsch**

- Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Parmelina horrescens* (Taylor) Hale ☹ ⊕  
 = ***Hypotrachyna horrescens* (Taylor) Krog & Swinscow**
- Parmelina spumosa* (Asahina) Hale ☹ ⊕  
 = ***Hypotrachyna spumosa* (Asahina) Krog & Swinscow**
- Parmelina subfatiscens* (Kurok.) Hale ☹ ⊕  
 = ***Hypotrachyna subfatiscens* (Kurok.) Swinscow & Krog**
- Parmelinopsis* Elix & Hale ☹ ⊕  
 = ***Hypotrachyna* (Vain.) Hale**
- Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.
- Parmelinopsis horrescens* (Taylor) Elix & Hale ☹ ⊕  
 = ***Hypotrachyna horrescens* (Taylor) Krog & Swinscow**
- Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.
- Parmelinopsis minarum* (Vain.) Elix & Hale ☹ ⊕  
 = ***Hypotrachyna minarum* (Vain.) Krog & Swinscow**
- Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.
- Parmelinopsis spumosa* (Asahina) Elix & Hale ☹ ⊕  
 = ***Hypotrachyna spumosa* (Asahina) Krog & Swinscow**
- Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.
- Parmelinopsis subfatiscens* (Kurok.) Elix & Hale ☹ ⊕  
 = ***Hypotrachyna subfatiscens* (Kurok.) Swinscow & Krog**
- Divakar, P.K.; Crespo, A.; Núñez-Zapata, J.; Flakus, A.; Sipman, H.J.; Elix, J.A.; Lumbsch, H.T. 2013: A molecular perspective on generic concepts in the *Hypotrachyna* clade (Parmeliaceae, Ascomycota). *Phytotaxa* 132(1): 21-38.
- Tuckermanopsis* Gyeln. ☹ ⊕  
 = ***Nephromopsis* Müll.Arg.**
- Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Tuckermanopsis chlorophylla* (Willd.) Hale ☹ ⊕  
 = ***Nephromopsis chlorophylla* (Willd.) Divakar, Crespo & Lumbsch**
- Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Usnea tenerior* Nyl.** ☹ ⊕  
 Origin: Endemic; Occurrence: Wild
- Usnea wirthii* P.Clerc ☹ ⊕  
 = ***Usnea flavocardia* Räsänen**
- Clerc, P. 2004: Notes on the genus *Usnea* Adanson. II. *Bibliotheca Lichenologica* 88: 79-90.
- Vulpicida* J.-E.Mattsson & M.J.Lai ☹ ⊕ ⊕  
 = ***Cetraria* Ach.**
- Divakar, P.K.; Crespo, A.; Kraichak, E.; Leavitt, S.D.; Singh, G.; Schmitt, I.; Lumbsch, H.T. 2017: Using a temporal phylogenetic method to harmonize family- and genus-level classification in the largest clade of lichen-forming fungi. *Fungal Diversity* 84: 101-117.
- Vulpicida canadensis* (Räsänen) J.-E.Mattsson & M.J.Lai ☹  
 = ***Cetraria canadensis* (Räsänen) Räsänen**
- Xanthoparmelia pseudohypolela* (Elix) Elix & J.Johnst.** Ⓐ ⊕  
 Origin: Non-endemic; Occurrence: Wild
- Phlyctidaceae
- Phlyctella ocellata* (C.Knight) Müll.Arg. ☹ ⊕  
 = ***Gyalecta myriadella* (Nyl.) Hellb.**
- Phlyctis ocellata* C.Knight ☹ ⊕  
 = ***Gyalecta myriadella* (Nyl.) Hellb.**

Physciaceae

***Amandinea julianeae* H.Mayrhofer & Elix** ☉

Origin: Non-endemic; Occurrence: Wild

*Amandinea lecideina* (H.Mayrhofer & Poelt) Scheid. & H.Mayrhofer ☉ ⊕

= ***Amandinea pelidna* (Ach.) Fryday & L.Arcadia**

Fryday, A.M.; in Arcadia, L. 2012: Typification and a revised basionym for *Fuscidea lygaea*, and a new name for *Amandinea*. *Graphis Scripta* 24(2): 40-44.

*Anaptychia casarettiana* A.Massal. ☉ ⊕

= ***Polyblastidium casarettianum* (A.Massal.) Kalb**

Mongkolsuk, P.; Meesim, S.; Poengsungnoen, V.; Buaruang, K.; Schumm, F.; Kalb, K. 2015: The lichen family Physciaceae in Thailand - II. Contributions to the genus *Heterodermia* sensu lato. *Phytotaxa* 235: 1-66.

*Anaptychia chilensis* Kurok. ☉ ⊕

= ***Polyblastidium chilense* (Kurok.) Kalb**

Mongkolsuk, P.; Meesim, S.; Poengsungnoen, V.; Buaruang, K.; Schumm, F.; Kalb, K. 2015: The lichen family Physciaceae in Thailand - II. Contributions to the genus *Heterodermia* sensu lato. *Phytotaxa* 235: 1-66.

*Anaptychia dendritica* (Pers.) Vain. ☉ ⊕

= ***Polyblastidium dendriticum* (Pers.) Kalb.**

Mongkolsuk, P.; Meesim, S.; Poengsungnoen, V.; Buaruang, K.; Schumm, F.; Kalb, K. 2015: The lichen family Physciaceae in Thailand - II. Contributions to the genus *Heterodermia* sensu lato. *Phytotaxa* 235: 1-66.

***Buellia alutacea* Zahlbr.** ☉ ⊕

Origin: Endemic; Occurrence: Wild

***Buellia epigaea* (Hoffm.) Tuck.** ☉ ⊕

Occurrence: Absent

***Buellia seppeltii* Elix** Ⓐ ⊕

Origin: Non-endemic; Occurrence: Wild

***Buellia tetrapla* (Nyl.) Müll.Arg.** ☉

Occurrence: Absent

***Diploicia* A.Massal.** ☉ ⊕

Origin: Non-endemic; Occurrence: Wild

***Dirinaria picta* (Sw.) Clem. & Shear** ⊕

Origin: Non-endemic; Occurrence: Wild

*Heterodermia casarettiana* (A.Massal.) Trevis. ☉ ⊕

= ***Polyblastidium casarettianum* (A.Massal.) Kalb**

*Heterodermia chilensis* (Kurok.) Swinscow & Krog ☉ ⊕

= ***Polyblastidium chilense* (Kurok.) Kalb**

Mongkolsuk, P.; Meesim, S.; Poengsungnoen, V.; Buaruang, K.; Schumm, F.; Kalb, K. 2015: The lichen family Physciaceae in Thailand - II. Contributions to the genus *Heterodermia* sensu lato. *Phytotaxa* 235: 1-66.

***Heterodermia hybocarponica* Elix** ☉

Origin: Non-endemic; Occurrence: Wild

*Phaeophyscia endococcinodes* (Poelt) Essl.

= ***Phaeophyscia endococcina* var. *endococcinodes* (Poelt) Moberg**

***Polyblastidium appendiculatum* (Kurok.) Kalb** ☉

Origin: Non-endemic; Occurrence: Wild

***Polyblastidium appendiculatum*** ☉

***Polyblastidium dendriticum* (Pers.) Kalb.** Ⓐ ⊕

Occurrence: Absent

*Rinodina lecideina* H.Mayrhofer & Poelt ☉ ⊕

= ***Amandinea pelidna* (Ach.) Fryday & L.Arcadia**

Psoraceae

***Psora Hoffm.*** ☉ ⊕

Origin: Non-endemic; Occurrence: Wild

***Psora crenata* (Taylor) Reinke** ☉ ⊕

Origin: Non-endemic; Occurrence: Wild

***Psora crystallifera* (Taylor) Müll.Arg.** ☉ ⊕

Origin: Non-endemic; Occurrence: Wild

***Psora decipiens* (Hedw.) Hoffm.** ☉ ⊕

Origin: Non-endemic; Occurrence: Wild

Ramalinaceae

***Ramalina luciae* Molho, Bodo, W.L.Culb. & C.F.Culb.** ☉

Origin: Non-endemic; Occurrence: Wild



Rhizocarpaceae

**Rhizocarpus adarensis (Darb.) I.M.Lamb.** ☉

Occurrence: Absent

Sphaerophoraceae

*Sphaerophoron* Ach. ☹

*Sphaerophoron robustum* Colenso ☹

*Sphaerophorus australe* Hook.f. & Taylor ☉☉

= **Leifidium tenerum (Laurer) Wedin**

*Sphaerophorus australis* var. *scrobiculatum* C.Bab. ☉☉

= **Bunodophoron scrobiculatum (C.Bab.) Wedin**

*Sphaerophorus complanatum* Hook.f. & Taylor ☉☉

= **Parasiphula complanata (Hook.f. & Taylor) Kantvilas & Grube**

*Sphaerophorus compressus* Ach. ☹

= **Bunodophoron melanocarpum (Sw.) Wedin**

*Sphaerophorus melanocarpus* var. *australis* f. *delicatus* J.S.Murray ☉

= **Bunodophoron ramuliferum (I.M.Lamb) Wedin**

*Sphaerophorus melanocarpus* var. *scrobiculatus* f. *macrophyllus* Js.Murray ☉

= **Bunodophoron scrobiculatum (C.Bab.) Wedin**

*Sphaerophorus melanocarpus* var. *australis* f. *palmatus* Js.Murray ☉

= **Bunodophoron palmatum (Js.Murray) Wedin**

*Sphaerophorus melanocarpus* var. *melanocarpus* f. *ramosissimus* J.S.Murray ☉

= **Bunodophoron notatum (Tibell) Wedin**

*Sphaerophorus melanocarpus* var. *australis* f. *subteres* (Zahlbr.) J.S.Murray ☉

= **Bunodophoron murrayi (Ohlsson) Wedin**

*Sphaerophorus polycarpum* Colenso ☉☉

= **Calycidium polycarpum (Colenso) Wedin**

*Sphaerophorus tener* f. *stereocauloides* Nyl. ☉☉

= **Sphaerophorus stereocauloides Nyl.**

Stereocaulaceae

**Stereocaulon ramulosum** Raesch. ☉

Origin: Non-endemic; Occurrence: Wild

*Stereocaulon ramulosum* subsp. *macrocarpum* f. *compressum* (C.Bab.) Hue ☉

= **Stereocaulon fronduliferum I.M.Lamb**

*Stereocaulon ramulosum* var. *pulvinare* f. *crebratum* I.M.Lamb ☉

= **Stereocaulon ramulosum** Raesch.

Lichinales

Lichinaceae

**Lichina pygmaea (Lightf.) C.Agardh** ☉

Occurrence: Absent

Ostropales

Graphidaceae

**Fissurina monospora** C.Knight ☉☉

Occurrence: Absent

**Xalocoa Kraichak, Lücking & Lumbsch** ☉

Occurrence: Absent

**Xalocoa ocellata (Vill.) Kraichak, Lücking & Lumbsch** ☉☉

Occurrence: Absent

Odontotremataceae

**Skyttea mayrhoferi** Diederich & Etayo ☉

Origin: Non-endemic; Occurrence: Wild

Stictidaceae

**Conotremopsis weberiana** Vězda ☉☉

Origin: Non-endemic; Occurrence: Wild

Thelotremataceae

*Ascidium manosporum* C.Knight ☉☉ ①

= **Thelotrema saxatile** C.Knight

Mangold, A.; Elix, J.A.; Lumbsch, H.T.. 2009: Thelotremataceae. *In: Flora of Australia*. 57 Lichens 5 ed. *Thelotremataceae* Canberra, ABRS. 195-420.

**Chapsa asteliae (Kantvilas & Vězda) Mangold** ☉☉

Origin: Non-endemic; Occurrence: Wild

*Chroodiscus macrocarpus* (C.W.Dodge) D.J.Galloway ①

= **Topeliopsis macrocarpa (C.W.Dodge) Mangold**

Mangold, A.; Elix, J.A.; Lumbsch, H.T.. 2009: Appendix: Thelotremataceae. *In: Flora of Australia*. 57 Lichens 5 ed. *Appendix: Thelotremataceae* Canberra, ABRS. 653-659.

*Ocellularia hians* (Stirt.) Müll.Arg. ①

= ***Thelotrema hians* Stirt.**

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

***Schizotrema zebrinum* Mangold** ②Ⓟ

Origin: Non-endemic; Occurrence: Wild

*Thelotrema aemulans* Kremp. ③Ⓣ

= ***Thelotrema lepadinum* (Ach.) Ach.**

Mangold, A.; Elix, J.A.; Lumbsch, H.T.. 2009: Thelotremataceae. *In: Flora of Australia*. 57 Lichens 5 ed. *Thelotremataceae* Canberra, ABRS. 195-420.

***Thelotrema circumscriptum* C.Knight** ②

Origin: Non-endemic; Occurrence: Wild

***Thelotrema rugatum* Nyl.** ①

Origin: Non-endemic; Occurrence: Wild

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

***Thelotrema saxatile* C.Knight** ②Ⓣ

Origin: Non-endemic; Occurrence: Wild

Mangold, A.; Elix, J.A.; Lumbsch, H.T.. 2009: Thelotremataceae. *In: Flora of Australia*. 57 Lichens 5 ed. *Thelotremataceae* Canberra, ABRS. 195-420.

***Thelotrema suecicum* (H.Magn.) P.James** ②Ⓣ

Origin: Non-endemic; Occurrence: Wild

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

#### Patellariales

##### Patellariaceae

*Patellaria glabella* (Kremp.) Müll.Arg. ③Ⓣ

= ***Gyalecta myriadella* (Nyl.) Hellb.**

#### Peltigerales

##### Lobariaceae

***Pseudocyphellaria crocata* (L.) Vain.** ②Ⓟ

Occurrence: Absent

***Ricasolia herbacea*** ②

Occurrence: Absent

*Sticta flotowiana* var. *subcyphellata* (Nyl.) Zahlbr. ②

= ***Pseudocyphellaria rufovirescens* (C.Bab.) D.J.Galloway**

*Sticta latifrons* var. *menziesii* f. *dissecta* (Kremp.) Stizenb. ③

= ***Sticta latifrons* A.Rich.**

*Sticta orygmaea* Ach. ③③

= ***Yarrumia coronata* (Müll.Arg.) D.J.Galloway**

*Sticta urvillei* C.Bab ③③

= ***Yarrumia coronata* (Müll.Arg.) D.J.Galloway**

***Sticta variabilis* Ach.** ②Ⓟ③

Origin: Non-endemic; Occurrence: Wild

***Sticta weigelli* (Ach.) Vain.** ③

*Stictina intricata* (Delise) Nyl. ③③

= ***Pseudocyphellaria intricata* (Delise) Vain.**

*Stictina limbata* (Sm.) Nyl. ③③

= ***Sticta limbata* (Sm.) Ach.**

*Stictina mougeotiana* (Delise) Nyl. ③③

= ***Pseudocyphellaria crocata* (L.) Vain.**

*Stictina weigellii* var. *sublimbata* J.Steiner ③②

= ***Sticta sublimbata* (J.Steiner) Swinscow & Krog**

##### Nephromataceae

***Nephroma resupinatum* (L.) Ach.** ②Ⓟ

Origin: Non-endemic; Occurrence: Wild

##### Peltigeraceae

*Peltigera canina* f. *nitens* Anders ③

= ***Peltigera degenii* Gyeln.**

*Peltigera canina* var. *praetexta* Vain. ③

= ***Peltigera praetextata* (Flörke ex Sommerf.) Zopf**

- Peltigera degenii* sensu Galloway ☉  
 = ***Peltigera dilacerata* (Gyeln.) Gyeln.**  
*Peltigera horizontalis* var. *muscorum* f. *albido-pruinosa* Js.Murray ☉  
 = ***Peltigera tereziana* Gyeln.**

Pertusariales

Coccolremataceae

- Parasiphula jamesii* (Kantvilas) Kantvilas & Grube** ☉  
 Origin: Non-endemic; Occurrence: Wild

Pertusariaceae

- Lepra macloviana* (Müll.Arg.) I.Schmitt, B.P.Hodk. & Lumbsch** ☉☉  
 Occurrence: Absent  
***Lepra novae-zelandiae* (Szatala) I.Schmitt, A.W.Archer & Lumbsch** ☉  
 Origin: Non-endemic; Occurrence: Wild  
***Ochrolechia tartarea* (L.) A.Massal.** ☉☉  
 Occurrence: Absent  
***Pertusaria albopunctata* A.W.Archer & Elix** ☉  
 Origin: Non-endemic; Occurrence: Present  
*Pertusaria macloviana* Müll.Arg.  
 = ***Lepra macloviana* (Müll.Arg.) I.Schmitt, B.P.Hodk. & Lumbsch**  
***Pertusaria stellata* Fryday** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Fryday, A.M. 2008: Three new species of lichenized fungi with cephalodia from the southern New Zealand shelf islands (Campbell Plateau). *The Lichenologist* 40(4): 283-294.  
*Sagedia circumscripta* Leight. ☉ ①  
 = ***Roccellographa circumscripta* (Leight.) Ertz & Tehler**

Pyrenulales

Trypetheliaceae

- Bogoriella striguloides* (Sérus. & Aptroot) Aptroot & Lücking** ☉  
 Origin: Endemic; Occurrence: Wild

Teloschistales

Teloschistaceae

- Calogaya biatorina* (A. Massal.) Arup, Frödén & Søchting** ☉  
 Origin: Non-endemic; Occurrence: Wild  
*Caloplaca cinnabarina* (Ach.) Zahlbr. ☉ ①  
 = ***Brownliella cinnabarina* (Ach.) S.Y. Kondr., Kärnefelt, A. Thell, Elix, J. Kim, A.S. Kondr. & Hur**  
***Xanthocarpia lactea* (A.Massal.) A.Massal.** ☉  
 Origin: Non-endemic; Occurrence: Wild  
***Xanthocarpia ochracea* (Schaer.) A.Massal. & De Not.** ☉  
 Origin: Non-endemic; Occurrence: Wild

Trichotheliales

Trichotheliaceae

- Porina cinereonigrescens* (Stirt.) Müll.Arg.** ☉☉  
 Origin: Endemic; Occurrence: Wild

Verrucariales

Verrucariaceae

- Placidiopsis novozelandica* C.W.Dodge ☉ ①  
 = ***Schismatomma neozelandicum* (Redinger) Tehler & Ertz**  
 Tehler, A.; Ertz, D.; Irestedt, M. 2013: The genus *Dirina* (Roccellaceae, Arthoniales) revisited. *The Lichenologist* 45(4): 427-476.  
*Verrucaria circumscripta* Taylor ☉ ①  
 = ***Roccellographa circumscripta* (Leight.) Ertz & Tehler**  
***Verrucaria mucosa* Wahlenb.** ☉  
 Origin: Non-endemic; Occurrence: Wild  
***Verrucaria striatula* Wahlenb.** ①  
 Origin: Non-endemic; Occurrence: Wild  
***Verrucaria striatula* Wahlenb. subsp. *striatula*** ☉  
 Origin: Non-endemic; Occurrence: Wild  
***Wahlenbergiella* Gueidan & Thüs** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Gueidan, C.; Savić, S.; Thüs, H.; Roux, C.; Keller, C.; Tibell, L.; Prieto, M.; Heiðmarsson, S.; Breuss, O.; Orange, A.; Fröberg, L.; Wynns, A.A.; Navarro-Rosinés, P.; Krzewicka, B.; Pykälä, J.; Grube, M.; Lutzoni, F. 2009: Generic classification of the Verrucariaceae



(Ascomycota) based on molecular and morphological evidence: recent progress and remaining challenges. *Taxon* 58(1): 184-208.

**Wahlenbergiella mucosa (Wahlenb.) Gueidan & Thüs** ①

Origin: Non-endemic; Occurrence: Wild

Gueidan, C.; Savić, S.; Thüs, H.; Roux, C.; Keller, C.; Tibell, L.; Prieto, M.; Heiðmarsson, S.; Breuss, O.; Orange, A.; Fröberg, L.; Wynns, A.A.; Navarro-Rosinés, P.; Krzewicka, B.; Pykälä, J.; Grube, M.; Lutzoni, F. 2009: Generic classification of the Verrucariaceae (Ascomycota) based on molecular and morphological evidence: recent progress and remaining challenges. *Taxon* 58(1): 184-208.

**Wahlenbergiella striatula (Wahlenb.) Gueidan & Thüs.** ①

Gueidan, C.; Savić, S.; Thüs, H.; Roux, C.; Keller, C.; Tibell, L.; Prieto, M.; Heiðmarsson, S.; Breuss, O.; Orange, A.; Fröberg, L.; Wynns, A.A.; Navarro-Rosinés, P.; Krzewicka, B.; Pykälä, J.; Grube, M.; Lutzoni, F. 2009: Generic classification of the Verrucariaceae (Ascomycota) based on molecular and morphological evidence: recent progress and remaining challenges. *Taxon* 58(1): 184-208.

Basidiomycetes

Cantharellales

Clavariaceae

**Multiclavula samuelsii R.H.Petersen** ②③

Origin: Non-endemic; Occurrence: Wild

Bryopsida

Dicranales

Fissidentaceae

**Fissidens curvatus Hornsch. var. curvatus** ②

Origin: Uncertain; Occurrence: Wild

Hypnales

Brachytheciaceae

**Brachythecium allisonii** Fife ③ ①

= **Brachythecium campestre (Müll.Hal.) Schimp.**

**Brachythecium subpilosum** var. **angustifolium** Allison ③ ①

= **Brachythecium campestre (Müll.Hal.) Schimp.**

Hypnodendrales

Hypnodendraceae

**Hypnodendron arcuatum (Hedw.) Mitt.** ②

Origin: Non-endemic; Occurrence: Wild

Pottiales

Pottiaceae

**Leptodontium interruptum (Mitt.) Broth.** ②

Origin: Endemic; Occurrence: Wild

Cyanophyceae

Oscillatoriales

Oscillatoriaceae

**Oscillatoria geminata** var. **tenella f. minor** ⑤

Jungermannioptida

Jungermanniales

Cephaloziellaceae

**Allisoniella nigra** subsp. **novaezealandiae f. novaezealandiae** R.M.Schust. ⑤

Origin: Endemic; Occurrence: Wild

**Allisoniella nigra** subsp. **novaezealandiae f. subobtusa** R.M.Schust. ⑤

Origin: Endemic; Occurrence: Wild

**Allisoniella nigra** subsp. **nigra** var. **acutiloba** J.J.Engel ⑤

Origin: Endemic; Occurrence: Wild

**Allisoniella nigra (Rodway)** R.M.Schust. subsp. **nigra** var. **nigra** ⑤

Occurrence: Absent

Lepicoleaceae

**Lepicolea attenuata (Mitt.) Steph.** ②

Origin: Endemic; Occurrence: Wild

Lepidoziaceae

**Psiloclada clandestina** subsp. **clandestina f. major** R.M.Schust. ⑤

= **Psiloclada clandestina** Mitt.

Pseudolepicoleaceae

**Castanoclobos** J.J.Engel & Glenny ②

Origin: Non-endemic; Occurrence: Wild

- Castanoclobos julaceus (J.J.Engel) J.J.Engel & Glenn** ☉  
 Origin: Non-endemic; Occurrence: Wild
- Metzgeriales  
 Aneuraceae  
**Riccardia cochleata (Hook.f. & Taylor) Kuntze** ☉  
 Origin: Non-endemic; Occurrence: Wild
- Porellales  
 Radulaceae  
**Verdoornia R.M.Schust.** ☉  
 Origin: Non-endemic; Occurrence: Wild
- Lycopodiopsida  
 Lycopodiales  
 Lycopodiaceae  
*Diphasium* C.Presl ex Rothm. ☉  
 = **Lycopodium L.**  
*Huperzia billardierei* (Spring) Rothm. ☉ ⊕  
 = **Phlegmariurus billardierei (Spring) Brownsey & Perrie**  
*Lepidotis* P.Beauv. ex Mirbel ☉ ⊕ ⊕  
 = **Lycopodiella Holub**  
**Lycopodiaceae P.Beauv.** ☉ ☉ ⊕  
 Origin: Non-endemic; Occurrence: Wild  
*Lycopodium australianum* (Herter) Allan ☉  
*Lycopodium billardierei* Spring ☉ ⊕  
 = **Phlegmariurus billardierei (Spring) Brownsey & Perrie**  
 Perrie, L.R.; Shepherd, L.D.; Field, A.R.; Brownsey, P.J. 2020: Morphological and genetic evidence for the separation of *Phlegmariurus billardierei* from *P. varius* (Lycopodiaceae). *New Zealand Journal of Botany* 58(1): in press  
*Lycopodium cernuum* var. *curvatum* (Sw.) Nessel ☉  
 = **unknown**  
*Lycopodium cernuum* var. *vulcanicum* (Blume) Nessel ☉  
 = **unknown**  
*Lycopodium consimile* Colenso ☉  
 = **Lycopodiella lateralis (R.Br.) B.Øllg.**  
*Lycopodium curvatum* Sw. ☉  
 = **unknown**  
*Lycopodium drummondii* Spring  
 = **Lycopodiella serpentina (Kunze) B.Øllg.**  
*Lycopodium pachystachyum* Desv. ex Poiret ☉  
 = **Phlegmariurus varius (R.Br.) A.R.Field & Bostock**  
*Lycopodium varium* var. *billardierei* (Spring) Kirk ☉ ⊕  
 = **Phlegmariurus billardierei (Spring) Brownsey & Perrie**  
*Palhinhaea cernua* (L.) Vasc. & Franco ☉  
 = **Lycopodiella cernua (L.) Pic.Serm.**  
**Phlegmariurus billardierei (Spring) Brownsey & Perrie** Ⓐ ⊕ ⊕  
 Origin: Endemic; Occurrence: Wild  
*Urostachys* Herter ☉  
 = **Huperzia Bernh.**  
*Urostachys billardierei* (Spring) Herter ex Nessel ☉ ⊕  
 = **Phlegmariurus billardierei (Spring) Brownsey & Perrie**
- Magnoliopsida  
 Alismatales  
 Araceae  
**Alocasia macrorrhizos (L.) G.Don** ⊕  
 Origin: Exotic; Occurrence: Recorded in error
- Potamogetonaceae  
**Lepilaena J.Drumm. ex Harv.** ☉ ⊕  
 Occurrence: Absent  
*Lepilaena bilocularis* Kirk ☉ ⊕  
 = **Althenia bilocularis (Kirk) Cockayne**  
 Ito, Y.; Tanaka, N.; García-Murillo, P.; Muasya, A.M. 2016: A new delimitation of the Afro-Eurasian plant genus *Althenia* to include its Australasian relative, *Lepilaena* (Potamogetonaceae)—evidence from DNA and morphological data. *Molecular Phylogenetics and Evolution* 98: 261-270.

Apiales

Umbelliferae

*Apium nodiflorum* (L.) Lag. ☹ ⊕

= ***Helosciadium nodiflorum* (L.) W.D.J.Koch**

Hardway, T.M.; Spalik, K.; Watson, M.F.; Katz-Downie, D.S.; Downie, S.R. 2004: Circumscription of Apiaceae tribe Oenantheae. *South African Journal of Botany* 7: 393-406.

***Apium prostratum* subsp. *prostratum* var. *filiforme* (A.Rich.) Kirk** ☹

Origin: Non-endemic; Occurrence: Wild

***Apium prostratum* Labill. ex Vent. subsp. *prostratum* var. *prostratum*** ☹

Origin: Exotic; Occurrence: Absent

Asparagales

Amaryllidaceae

***Nerine sarniensis* var. *curvifolia* f. *fothergillii* (Andrews) Traub** ☹

Origin: Exotic; Occurrence: Sometimes present

Asparagaceae

***Hyacinthoides xmassartiana* Geerinck** ⊕

Origin: Exotic; Occurrence: Wild

Hemerocallidaceae

***Dianella* Lam. ex Juss.** ☹ ⊕

Origin: Non-endemic; Occurrence: Wild

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

***Geitonoplesium* R.Br. ex Hook.** ☹ ⊕

Origin: Exotic; Occurrence: Wild

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

Hemerocallidaceae R.Br. ☹ ⊕

= ***Asphodelaceae* Juss.**

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

***Hemerocallis* L.** ☹ ⊕

Origin: Exotic; Occurrence: Wild

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

Iridaceae

*Gladiolus ramosus* L. ☹

= ***Melasphaerula graminea* (L.f.) Ker Gawl.**

*Melasphaerula ramosa* (L.) Klatt ☹

= ***Melasphaerula graminea* (L.f.) Ker Gawl.**

*Melasphaerula ramosa* (L.) N.E.Br. ☹

= ***Melasphaerula graminea* (L.f.) Ker Gawl.**

Orchidaceae

*Acianthus reniformis* (R.Br.) Schltr. ☹ ⊕

= ***Cyrtostylis reniformis* R.Br.**

*Acianthus reniformis* (R.Br.) Schltr. var. *reniformis* ☹

= ***Cyrtostylis reniformis* R.Br.**

*Caladenia carnea* var. *minor* f. *calliniger* Hatch. ☹

= ***Caladenia atradenia* D.L.Jones, Molloy & M.A.Clem.**

*Caladenia reniformis* (R.Br.) Rchb.f. ☹ ⊕

= ***Cyrtostylis reniformis* R.Br.**

***Cyrtostylis reniformis* R.Br.** ☹ ⊕

Occurrence: Absent

Xanthorrhoeaceae

***Xanthorrhoea* Sm.** ☹ ⊕

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

Xanthorrhoeaceae Dumort. ☹ ⊕

= ***Asphodelaceae* Juss.**

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

Asterales

Alseuosmiaceae

***Alseuosmia* A.Cunn.** ①

Origin: Endemic; Occurrence: Wild

Shepherd, L.D.; de Lange, P.J.; Townsend, A.; Perrie, L.P. 2020: A biological and ecological review of the endemic New Zealand genus *Alseuosmia* (toropapa; Alseuosmiaceae). *New Zealand Journal of Botany* 58(1): xx-xx.

Argophyllaceae

*Corokia* ×*cheesemanii* Carse ②

= ***Corokia* ×*virgata* Turrill**

Compositae

*Brachyscome* (a) (WELT 10278; Ward) ② ①

= ***Brachyscome lucens* Molloy & Heenan**

Heenan, P.B.; Molloy, B.P.J. 2019: Five new and Nationally Threatened taxa of *Brachyscome*, *Cardamine*, *Convolvulus*, *Geranium* and *Ranunculus* obligate to vulnerable limestone habitats, eastern South Island, New Zealand. *Phytotaxa* 415(1): 032-048.

*Conyza albida* Spreng. ② ①

= ***Erigeron floribundus* (Kunth) Sch.Bip.**

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

*Conyza ambigua* DC. ② ①

= ***Erigeron sumatrensis* Retz.**

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

*Conyza bilbaoana* J.Rémy ② ①

= ***Erigeron floribundus* (Kunth) Sch.Bip.**

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

*Conyza sumatrensis* (Retz.) E.Walker ①

= ***Erigeron sumatrensis* Retz.**

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

***Cotula lineariloba* (DC.) Hilliard** ①

Origin: Exotic; Occurrence: Sometimes present

*Erigeron bilbaoanus* (J.Rémy) Cabrera ② ①

= ***Erigeron floribundus* (Kunth) Sch.Bip.**

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

***Erigeron floribundus* (Kunth) Sch.Bip.** ② ①

Origin: Exotic; Occurrence: Wild

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

***Erigeron sumatrensis* Retz.** ①

Origin: Exotic; Occurrence: Wild

Nesom, G.L. 2018: *Erigeron floribundus* and *E. sumatrensis* (Asteraceae) in the USA and Mexico. *Phytoneuron* 2018-27: 1-19.

***Filago* Loefl.** ③

Origin: Exotic; Occurrence: Wild

***Lagenophora* Cass.** ①

Origin: Non-endemic; Occurrence: Wild

Wang, J.; Bean, R.R. 2019: A taxonomic revision of *Lagenophora* Cass. (Asteraceae) in Australia. *Austrobaileya* 10(3): 405-442.

*Lagenophora lanata* A.Cunn. ② ①

= ***Lagenophora sublyrata* (Cass.) A.R.Bean & Jian Wang**

Wang, J.; Bean, R.R. 2019: A taxonomic revision of *Lagenophora* Cass. (Asteraceae) in Australia. *Austrobaileya* 10(3): 405-442.

***Lagenophora montana* Hook.f.** ①

Origin: Non-endemic; Occurrence: Wild

Wang, J.; Bean, R.R. 2019: A taxonomic revision of *Lagenophora* Cass. (Asteraceae) in Australia. *Austrobaileya* 10(3): 405-442.

***Lagenophora stipitata* (Labill.) Druce** ①

Origin: Non-endemic; Occurrence: Wild

- Wang, J.; Bean, R.R. 2019: A taxonomic revision of *Lagenophora* Cass. (Asteraceae) in Australia. *Austrobaileya* 10(3): 405-442.
- Olearia furfuracea* var. *angustata* subvar. *dubia* Kirk ☉  
= **unknown**
- Senecio lautus* subsp. *lautus* var. *esperensis* Sykes ☉  
= **Senecio esperensis (Sykes) de Lange**
- Tanacetum linearilobum* DC. ①  
= **Cotula lineariloba (DC.) Hilliard**
- Boraginales  
Boraginaceae
- Buglossoides Moench** ①  
Origin: Exotic; Occurrence: Wild  
Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.
- Buglossoides arvensis (L.) I.M.Johnst.** ①  
Origin: Exotic; Occurrence: Wild  
Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.
- Buglossoides purpureocaerulea (L.) I.M.Johnst.** ①②  
Origin: Exotic; Occurrence: Wild  
Hilger, H.H.; Gottschling, M.; Selvi, F.; Bigazzi, M.; Långström, E.; et.al 2005: The Euro Med treatment of Boraginaceae in Willdenowia 34 — a response. *Willdenowia* 35(1): 43-48.
- Lithospermum purpureocaeruleum* L. ☉  
= **Buglossoides purpureocaerulea (L.) I.M.Johnst.**
- Brassicales  
Cruciferae
- Lepidium sisymbrioides* subsp. *kawarau* var. *dubium* (Kirk) Thell. ☉  
= **Lepidium sisymbrioides Hook.f.**
- Lepidium sisymbrioides* subsp. *matau* var. *lobulatum* Thell. ☉  
= **Lepidium solandri Kirk**
- Lepidium sisymbrioides* subsp. *solandri* var. *ovalis* Thell. ☉  
= **Lepidium sisymbrioides Hook.f.**
- Lepidium sisymbrioides* subsp. *solandri* var. *typicum* Thell. ☉  
= **Lepidium solandri Kirk**
- Caryophyllales  
Aizoaceae
- Dorotheanthus Schwantes* ☉①  
= **Cleretum N.E.Rr.**  
Klak, C.; Bruys, P.V. 2012: Phylogeny of the Dorotheantheae (Aizoaceae), a tribe of succulent annuals. *Taxon* 61(2): 293-307.
- Dorotheanthus bellidiformis* (Burm.f.) N.E.Br. ☉①  
= **Cleretum bellidiforme (Burm.f.) G.D.Rowley**  
Klak, C.; Bruys, P.V. 2012: Phylogeny of the Dorotheantheae (Aizoaceae), a tribe of succulent annuals. *Taxon* 61(2): 293-307.
- Ericales  
Actinidiaceae
- Actinidia chinensis* var. *hispida* f. *chlorocarpa* C.F.Liang ☉  
= **Actinidia chinensis var. deliciosa A.Chev.**
- Actinidia chinensis* var. *hispida* f. *longipila* C.F.Liang & R.Z.Wang ☉  
= **Actinidia chinensis var. deliciosa A.Chev.**
- Primulaceae
- Anagallis arvensis* L. subsp. *arvensis* var. *arvensis* ☉  
= **Lysimachia arvensis (L.) U.Manns & Anderb. subsp. arvensis var. arvensis**
- Anagallis arvensis* subsp. *arvensis* var. *caerulea* (L.) Gouan ☉  
= **Lysimachia arvensis subsp. arvensis var. caerulea (L.) Turland & Bergmeier**
- Lysimachia arvensis (L.) U.Manns & Anderb. subsp. arvensis var. arvensis** ☉  
Origin: Exotic; Occurrence: Wild
- Lysimachia arvensis subsp. arvensis var. caerulea (L.) Turland & Bergmeier** ☉  
Origin: Exotic; Occurrence: Wild
- Fabales  
Leguminosae
- Pisum sativum subsp. sativum var. arvense (L.) Poir.** ☉  
Origin: Exotic; Occurrence: Sometimes present



*Sophora microphylla* subsp. *microphylla* var. *chathamica* (Cockayne) Yakovlev ☉  
 = ***Sophora chathamica* Cockayne**  
*Sophora microphylla* subsp. *microphylla* var. *fulvida* (Allan) Yakovlev ☉  
 = ***Sophora fulvida* (Allan) Heenan & de Lange**  
*Sophora microphylla* subsp. *microphylla* var. *longicarinata* (G.Simpson & J.S.Thomson) Yakovlev ☉  
 = ***Sophora longicarinata* G.Simpson & J.S.Thomson**  
*Sophora microphylla* Aiton subsp. *microphylla* var. *microphylla* ☉  
 = ***Sophora microphylla* Aiton**

Gentianales

Gentianaceae

***Gentianella montana* (G.Forst.) Holub subsp. *montana* var. *montana*** ☉  
 Origin: Endemic; Occurrence: Wild  
***Gentianella montana* subsp. *montana* var. *stolonifera* (Cheeseman) Glenn** ☉  
 Origin: Endemic; Occurrence: Wild

Rubiaceae

***Coprosma wallii* Petrie** ☉  
 Origin: Endemic; Occurrence: Wild

Geraniales

Geraniaceae

***Geranium homeanum* Turcz.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Mosyakin, S.L.; de Lange, P.J. 2019: Notes on typification and nomenclature of four taxa of Geraniaceae described by Turczaninow from New Zealand and Australia. *Phytotaxa* 419(2): 169-181.  
*Geranium sessiliflorum* subsp. *novaezealandiae* var. *arenarium* (G.Simpson & J.S.Thomson) Carolin ☉  
 = ***Geranium sessiliflorum* var. *arenarium* G.Simpson & J.S.Thomson**  
*Geranium sessiliflorum* subsp. *novaezealandiae* var. *novaezealandiae* Carolin ☉  
 = ***Geranium brevicaule* Hook.f.**  
***Pelargonium inodorum* Willd.** ①  
 Origin: Non-endemic; Occurrence: Wild  
 Mosyakin, S.L.; de Lange, P.J. 2019: Notes on typification and nomenclature of four taxa of Geraniaceae described by Turczaninow from New Zealand and Australia. *Phytotaxa* 419(2): 169-181.

Lamiales

Labiatae

***Coleus* Lour.** ☉ⓅⓍ①  
 Origin: Non-endemic; Occurrence: Wild  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.  
***Coleus australis* (R.Br.) A.J.Paton** Ⓐ①  
 Origin: Non-endemic; Occurrence: Wild  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.  
***Coleus barbatus* (Andrews) Benth. ex G.Don** ⓅⓍⓍ①  
 Origin: Exotic; Occurrence: Sometimes present  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.  
*Coleus blumei* Benth. Ⓧ①  
 = ***Coleus scutellarioides* (L.) Benth.**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.  
*Coleus grandis* L.H.Cramer Ⓧ①  
 = ***Coleus barbatus* var. *grandis* (L.H.Cramer) A.J.Paton**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.  
*Coleus mahonii* Baker Ⓧ①  
 = ***Plectranthus elegans* Britten**

- Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Coleus scutellarioides* (L.) Benth.** ☉☐☐☐  
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Ocimum scutellarioides* L. ☐☐  
 = ***Coleus scutellarioides* (L.) Benth.**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus* L'Her.** ☉☐  
 Origin: Exotic; Occurrence: Wild  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus argentatus* S.T.Blake ☐☐  
 = ***Coleus argentatus* (S.T.Blake) P.I.Forst. & T.C.Wilson**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus barbatus* Andrews ☐☐  
 = ***Coleus barbatus* (Andrews) Benth. ex G.Don**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus barbatus* var. *grandis* (L.H.Cramer) Lukhoba & A.J.Paton ☐☐  
 = ***Coleus barbatus* var. *grandis* (L.H.Cramer) A.J.Paton**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus behrii* Compton ☐☐  
 = ***Plectranthus fruticosus* L'Hér.**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus ecklonii* Benth.** ☐  
 Origin: Exotic; Occurrence: Wild  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus grandis* (L.H.Cramer) R.H.Willemse ☐☐  
 = ***Coleus barbatus* var. *grandis* (L.H.Cramer) A.J.Paton**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus mahonii* (Baker) N.E.Br. ex Hook.f. ☐☐  
 = ***Plectranthus elegans* Britten**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus oertendahlii* T.C.E.Fr.** ☐  
 Origin: Exotic; Occurrence: Present in captivity/cultivation/culture  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.
- Plectranthus ornatus* Codd ☐☐  
 = ***Coleus comosus* Hochst. ex Gürke**  
 Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.



*Plectranthus parviflorus* Willd. ☹ ①

= ***Coleus australis* (R.Br.) A.J.Paton**

Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.

***Plectranthus purpuratus* Harv.** ①

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

Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.

***Plectranthus saccatus* Benth.** ①

Origin: Exotic; Occurrence: Sometimes present

Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.

*Plectranthus scutellarioides* (L.) R.Br. ☹ ①

= ***Coleus scutellarioides* (L.) Benth.**

Paton, A.J.; Mwanyambo, M.; Govaerts, R.H.A.; Smitha, K.; Suddee, S.; Phillipson, P.B.; Wilson, T.C.; Forster, P.I.; Culham, A. 2019: Nomenclatural changes in *Coleus* and *Plectranthus* (Lamiaceae): a tale of more than two genera. *PhytoKeys* 129: 1-158.

*Rosmarinus* L. ☹ ①

= ***Salvia* L.**

Drew, B.T.; González-Gallegos, J.G.; Xiang, C-L.; Kriebel, R.; Drummond, C.P.; Walker, J.B.; Sytsma, K.J. 2017: *Salvia* united: The greatest good for the greatest number. *Taxon* 66(1): 133-145.

*Rosmarinus officinalis* L. ☹ ①

= ***Salvia rosmarinus* Spenn.**

Drew, B.T.; González-Gallegos, J.G.; Xiang, C-L.; Kriebel, R.; Drummond, C.P.; Walker, J.B.; Sytsma, K.J. 2017: *Salvia* united: The greatest good for the greatest number. *Taxon* 66(1): 133-145.

*Rosmarinus officinalis* 'Prostratus' ☹ ①

= ***Salvia rosmarinus* Spenn.**

Drew, B.T.; González-Gallegos, J.G.; Xiang, C-L.; Kriebel, R.; Drummond, C.P.; Walker, J.B.; Sytsma, K.J. 2017: *Salvia* united: The greatest good for the greatest number. *Taxon* 66(1): 133-145.

*Rosmarinus officinalis* var. *prostratus* Pasq. ☹ ①

= ***Salvia rosmarinus* Spenn.**

Drew, B.T.; González-Gallegos, J.G.; Xiang, C-L.; Kriebel, R.; Drummond, C.P.; Walker, J.B.; Sytsma, K.J. 2017: *Salvia* united: The greatest good for the greatest number. *Taxon* 66(1): 133-145.

*Rosmarinus prostratus* Anon. ☹ ①

= ***Salvia rosmarinus* Spenn.**

*Solenostemon scutellarioides* (L.) Codd ☹ ①

= ***Coleus scutellarioides* (L.) Benth.**

#### Phrymaceae

***Mazus novaezeelandiae* subsp. *impolitus* f. *hirtus* Heenan** ⑤

Origin: Endemic; Occurrence: Wild

***Mazus novaezeelandiae* subsp. *impolitus* f. *impolitus* Heenan** ⑤

Origin: Endemic; Occurrence: Wild

#### Malpighiales

##### Euphorbiaceae

*Aleurites fordii* Hemsl. ☹ ①

= ***Vernicia fordii* (Hemsl.) Airy Shaw**

Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses*. Cambridge University Press. 1102 p.

***Euphorbia depauperata* A.Rich.** ⑥

Origin: Exotic; Occurrence: Recorded in error

***Euphorbia depauperata* var. *pubescens* Pax** ⑥

Origin: Exotic; Occurrence: Recorded in error

***Jatropha multifida* L.** ⑥

Origin: Exotic; Occurrence: Recorded in error

##### Salicaceae

***Salix eleagnos* Scop.** ⑤

Origin: Exotic; Occurrence: Wild

**Salix gmelinii** Pall. ☉Ⓟ

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

Malvales

Malvaceae

*Hoheria populnea* subsp. *vulgaris* var. *sinclaririi* (Hook.f.) Kirk ☉

= ***Hoheria populnea* A.Cunn.**

*Hoheria populnea* subsp. *vulgaris* var. *vulgaris* Kirk ☉

= ***Hoheria populnea* A.Cunn.**

Myrtales

Onagraceae

***Epilobium hirsutum* L.** Ⓟ

Origin: Exotic; Occurrence: Wild

Oxalidales

Oxalidaceae

***Oxalis corniculata* subsp. *corniculata* var. *atropurpurea* Planch.** ☉

Origin: Exotic; Occurrence: Wild

*Oxalis corniculata* L. subsp. *corniculata* var. *corniculata* ☉

= ***Oxalis corniculata* L. subsp. *corniculata***

*Oxalis corniculata* subsp. *corniculata* var. *villosa* sensu Sykes ☉

= ***Oxalis thompsoniae* B.J.Conn & P.G.Richards**

Piperales

Piperaceae

*Macropiper excelsum* subsp. *peltatum* f. *delangei* R.O.Gardner ☉

= ***Piper excelsum* subsp. *delangei* (R.O.Gardner) de Lange**

*Macropiper excelsum* subsp. *peltatum* f. *peltatum* R.O.Gardner ☉

= ***Piper excelsum* subsp. *peltatum* (R.O.Gardner) de Lange**

Poales

Cyperaceae

***Carex ternaria* G.Forst. ex Boott** ☉

Origin: Endemic; Occurrence: Wild

Gramineae

***Chionochloa rubra* subsp. *rubra* var. *inermis* Connor** ☉

Origin: Endemic; Occurrence: Wild

***Chionochloa rubra* Zotov subsp. *rubra* var. *rubra*** ☉

Origin: Endemic; Occurrence: Wild

*Festuca ovina* subsp. *novae-zelandiae* var. *novae-zelandiae* subvar. *novae-zelandiae* Howarth ☉

= ***Festuca novae-zelandiae* (Hack.) Cockayne**

*Festuca ovina* subsp. *novae-zelandiae* var. *novae-zelandiae* subvar. *pruinosa* Howarth ☉

= ***Festuca novae-zelandiae* (Hack.) Cockayne**

*Festuca ovina* subsp. *matthewsii* var. *eu-matthewsii* Howarth ☉

= ***Festuca actae* Connor**

*Festuca ovina* subsp. *novae-zelandiae* var. *eu-novae-zelandiae* Howarth ☉

= ***Festuca novae-zelandiae* (Hack.) Cockayne**

*Festuca ovina* subsp. *novae-zelandiae* var. *grandiflora* Howarth ☉

= ***Festuca actae* Connor**

*Festuca ovina* subsp. *matthewsii* var. *grandiflora* Howarth ☉

= ***Festuca actae* Connor**

***Festuca ovina* subsp. *novae-zelandiae* var. *novae-zelandiae* Hack.** ☉

*Oplismenus hirtellus* subsp. *imbecillis* f. *imbecillis* (R.Br.) U.Scholz ☉

= ***Oplismenus hirtellus* subsp. *imbecillis* (R.Br.) U.Scholz**

Proteales

Proteaceae

***Lomatia* R.Br.** Ⓟ

Origin: Exotic; Occurrence: Wild

Ranunculales

Berberidaceae

*Berberis lomariifolia* (Takeda) Laferr. ☉Ⓟ

= ***Berberis oiwakensis* (Hayata) Laferr.**

Flora of China Editorial Committee 2011: *Flora of China (Curcubitaceae through Valerianaceae with Annonaceae and Berberidaceae)*. 19 ed. *Flora of China* 883 p.

*Mahonia lomariifolia* Takeda ☉Ⓟ

= ***Berberis oiwakensis* (Hayata) Laferr.**

Flora of China Editorial Committee 2011: *Flora of China (Curcubitaceae through Valerianaceae with Annonaceae and Berberidaceae)*. 19 ed. *Flora of China* 883 p.

Papaveraceae

*Corydalis lutea* (L.) DC. ☉ ⊕

= ***Pseudofumaria lutea* (L.) Borkh.**

Pérez-Gutiérrez, M.A.; Romero-García, A.T. Fernández, M.C.; Blanca, G.; Salinas-Bonillo, M.J.; Suárez-Santiago, V.N. 2015: Evolutionary history of fumitories (subfamily Fumarioideae, Papaveraceae): An old story shaped by the main geological and climatic events in the Northern Hemisphere. *Molecular Phylogenetics and Evolution* 88: 75-92.

Ranunculaceae

***Clematis flammula* L.** ⊕ ⊕

Origin: Exotic; Occurrence: Recorded in error

*Ranunculus aff. stylosus* (CHR 515131; *Manuhune*) ☉ ⊕

= ***Ranunculus callianthus* Molloy & Heenan**

Heenan, P.B.; Molloy, B.P.J. 2019: Five new and Nationally Threatened taxa of *Brachyscome*, *Cardamine*, *Convolvulus*, *Geranium* and *Ranunculus* obligate to vulnerable limestone habitats, eastern South Island, New Zealand. *Phytotaxa* 415(1): 032-048.

Rosales

Rosaceae

*Acaena sanguisorbae* subsp. *profundeincisa* var. *diminuta* Bitter ☉

= ***Acaena profundeincisa* (Bitter) B.H.Macmill.**

*Acaena sanguisorbae* subsp. *profundeincisa* var. *sericeinitens* Bitter ☉

= ***Acaena profundeincisa* (Bitter) B.H.Macmill.**

***Rubus cissburiensis* × *Rubus ulmifolius*** ☉

Origin: Exotic; Occurrence: Wild

***Rubus ellipticus* var. *obcordatus* (Franch.) Focke** ⊕

Origin: Exotic; Occurrence: Sometimes present

de Lange, P.J.; Blanchon, D.J.; Doyle, E.J.; Marshall, A.J.; Schönberger, I.; Killick, S. 2019: First record of Himalayan wineberry (*Rubus ellipticus* var. *obcordatus* (Franch.) Focke., Rosaceae) in New Zealand. *Perspectives in Biosecurity Research Series* 4: 34-38.

Solanales

Convolvulaceae

***Convolvulus verecundus* Allan** ⊕

Origin: Endemic; Occurrence: Wild

Heenan, P.B.; Molloy, B.P.J. 2019: Five new and Nationally Threatened taxa of *Brachyscome*, *Cardamine*, *Convolvulus*, *Geranium* and *Ranunculus* obligate to vulnerable limestone habitats, eastern South Island, New Zealand. *Phytotaxa* 415(1): 032-048.

Vitales

Vitaceae

*Leea coccinea* ☉

= ***Leea guineensis* G.Don.**

Pinopsida

Pinales

Pinaceae

***Hesperopeuce mertensiana* subsp. *mertensiana* var. *mertensiana*** ☉

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

***Pinus cembroides* subsp. *cembroides* var. *bicolor* Little** ☉

***Pinus cembroides* subsp. *cembroides* var. *cembroides*** ☉

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

Podocarpaceae

*Podocarpus ferrugineus* G.Benn ex D.Don ☉

= ***Prumnopitys ferruginea* (G.Benn ex D.Don) de Laub.**

***Prumnopitys ferruginea* (G.Benn ex D.Don) de Laub.** ☉

Origin: Endemic; Occurrence: Wild

Polypodiopsida

Polypodiales

Blechnaceae

***Blechnum vulcanicum* (Blume) Kuhn** ⊕

Origin: Exotic; Occurrence: Absent

Chambers, T.C.; Wilson, P.G. 2019: A revision of *Blechnum vulcanicum* (Blume) Kuhn and related taxa (Blechnaceae) in Malesia and Oceania. *Telopea* 22: 41-59.

Dryopteridaceae

***Polystichum sylvaticum* Diels** ⑤

Origin: Endemic; Occurrence: Wild

Polypodiaceae

*Grammitis billardierei* var. *magellanica* f. *nana* (Franch.) de la Sota ⑤

= ***Notogrammitis crassior* (Kirk) Parris**

*Polypodium billardierei* var. *magellanicum* f. *nana* (Franch.) Skottsb. ⑤

= ***Notogrammitis crassior* (Kirk) Parris**

Pteridaceae

***Adiantum aethiopicum* L.** ①

Origin: Non-endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

*Adiantum assimile* Sw. ①

= ***Adiantum aethiopicum* L.**

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

***Adiantum cunninghamii* Hook.** ①

Origin: Endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

***Adiantum diaphanum* Blume** ①

Origin: Non-endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

*Adiantum diaphanum* var. *polymorphum* (Colenso) Cheeseman ①

= ***Adiantum diaphanum* Blume**

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

***Adiantum formosum* R.Br.** ①

Origin: Non-endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

***Adiantum fulvum* Raoul** ①

Origin: Endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): in press

***Adiantum hispidulum* Sw.** ①

Origin: Non-endemic; Occurrence: Wild

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

*Adiantum pedatum* G.Forst. ①

= ***Adiantum hispidulum* Sw.**

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

*Adiantum trigonum* Labill. ①

= ***Adiantum aethiopicum* L.**

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): 249-260.

*Adiantum viridescens* Colenso ①

= ***Adiantum fulvum* Raoul**

Brownsey, P.J.; Shepherd, L.D.; Perrie, L.R. 2019: A consistent taxonomic treatment for dimorphic variation in New Zealand *Adiantum* species. *New Zealand Journal of Botany* 57(4): in press

Zygomycetes

Desmidiales (Placodermales)

Desmidiaceae

**Cosmarium** Corda ex Ralfs ☉

**Cosmarium crassipelle** var. **noduliferum** f. **laterale** E.A. Flint & D.B. Will. ☉

hyphomycetous anamorph

**Illosporium** Mart. ☉☉

Occurrence: Absent







