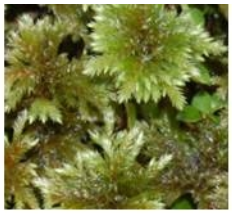
Plant Names Database: Quarterly changes

31 May 2020





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This report is generated using an automated system and is therefore authored by the staff at the Allan Herbarium who currently contribute directly to the development and maintenance of the Plant Names Database. Authors are listed alphabetically after the third author. Authors have contributed as follows:

Leadership: Wilton, Schönberger, Breitwieser, Smissen

Database editors: Wilton, Schönberger, Gibb

Taxonomic and nomenclature research and review: Schönberger, Gibb, Wilton, Breitwieser, Ford, Glenny, Novis, Redmond, Smissen

Information System development: Wilton, De Pauw, Cochrane

Technical support: Boardman, Korver, Redmond, Tawiri

Disclaimer

The Plant Names Database is being updated every working day. We welcome suggestions for improvements, concerns, or any data errors you may find. Please email these to PlantInfo@landcareresearch.co.nz.

Introduction

The scientific names that are relevant to the New Zealand flora are constantly changing as we document new indigenous and exotic taxa in the flora, improve our understanding of the taxonomy and circumscription of taxa, and update information to be consistent with the International Code of Nomenclature and other standards. The purpose of this document is to provide an update of recent changes in the taxonomy and nomenclature for the New Zealand flora.

The Plant Names Database was established to record the scientific and vernacular names and taxonomy that are relevant to the New Zealand flora. It covers seed plants, ferns and lycophytes, mosses, liverworts, hornworts, and lichens that are indigenous or exotic to New Zealand. It primarily focuses on taxa that are present in the "wild" flora, but also includes information for taxa in other biostatus categories.

The staff at the Allan Herbarium update the information in the Plant Names Database, which is made available through the New Zealand Plants Website - http://nzflora.landcareresearch.co.nz, often with input and advice from botanists working in other organisations. This document summarises for the period stated below the changes in the Plant Names Database. The type of changes include:

- addition of new names
- formal merging and removal of duplicate names
- changes to the status of the name, as a preferred name or synonym for a taxon
- updates of the origin or occurrence (i.e. biostatus) of a taxon within New Zealand
- changes to the classification of a taxon
- updates of the scientific article that is being applied to a taxon to determine whether the name is a synonym or preferred name

All of these changes are logged when the data are regularly published to the New Zealand Plants website, and then automatically compiled into these reports at the end of each quarter without human intervention.

Structure of the document

The document is arranged in two parts. Part 1 provides a listing of scientific names by major taxonomic groups. Within these groups names are listed alphabetically by the type of change. Names in this section are listed in plain text and without authors.

In Part 2 the names are listed following the taxonomic classification. The type of changes are indicated by symbols following the name. Names are presented with author when available, and are correctly formatted. If a name is a synonym, the preferred name is listed on the next line.

In both parts preferred names are listed in bold.

Reporting period

This report covers the changes published between 4 March 2020 and 31 May 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.

Index of changes for Ascomycetes

Additions

Preferred Name change

Biostatus change

Taxonomy Article change

Spelling change

Index of changes for Bryatae

Preferred Name change

Taxonomy Article change

Spelling change

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Preferred Name change

Biostatus change

Taxonomy Article change

Spelling change

Index of changes for Polypodiopsida

Hierarchical checklist of changes

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

Ⓐ: addition; ⊖: the removal or merging of scientific names; Ⓢ: a change to the spelling of the name; Ⓞ: a change in the origin information; Ⓟ: a change in th presence (occurrence) information; Ⓣ: a change in the taxonomic article; ⊜: a change to the preferred name; Ⓒ: a change to the classification (direct parent)

***Callophyllis* Kütz.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Rhizopogonia* Kylin** ⓄⓅⒸ
Origin: Indigenous; Occurrence: Wild
Gelidiaceae
Gelidium ceramoides Levring ⊜ Ⓣ
= *Zuccarelloa ceramoides* (Levring) Archino & W.A.Nelson
D'Archino, R.; Nelson, W.A.; Sutherland, J.E. 2017: Neither *Callophyllis* nor *Gelidium*: *Blastophyllis* gen. nov. and *Zuccarelloa* gen. nov. (Kallymeniaceae, Rhodophyta) for three New Zealand species. *Phycologia 56(5)*: 549-560.
Gracilariaceae
***Gracilaria* Grev.** ⓄⓅⓈ
Origin: Non-endemic; Occurrence: Wild
Halymeniaceae
***Pachymenia* J.Agardh** Ⓟ
Occurrence: Absent
Kallymeniaceae
***Blastophyllis* Archino & W.A.Nelson** ⓄⓅⓈⓉ
Origin: Endemic; Occurrence: Wild
D'Archino, R.; Nelson, W.A.; Sutherland, J.E. 2017: Neither *Callophyllis* nor *Gelidium*: *Blastophyllis* gen. nov. and *Zuccarelloa* gen. nov. (Kallymeniaceae, Rhodophyta) for three New Zealand species. *Phycologia 56(5)*: 549-560.
***Blastophyllis calliblepharoides* (J.Agardh) Archino & W.A.Nelson** ⓈⓉ
Origin: Indigenous; Occurrence: Wild
D'Archino, R.; Nelson, W.A.; Sutherland, J.E. 2017: Neither *Callophyllis* nor *Gelidium*: *Blastophyllis* gen. nov. and *Zuccarelloa* gen. nov. (Kallymeniaceae, Rhodophyta) for three New Zealand species. *Phycologia 56(5)*: 549-560.
Callophyllis calliblepharoides J.Agardh. Ⓣ
= *Blastophyllis calliblepharoides* (J.Agardh) Archino & W.A.Nelson
D'Archino, R.; Nelson, W.A.; Sutherland, J.E. 2017: Neither *Callophyllis* nor *Gelidium*: *Blastophyllis* gen. nov. and *Zuccarelloa* gen. nov. (Kallymeniaceae, Rhodophyta) for three New Zealand species. *Phycologia 56(5)*: 549-560.
***Kallymenia* J.Agardh** Ⓟ
Occurrence: Absent
***Kallymenia harveyana* J.Agardh** Ⓟ
Occurrence: Absent
***Rhizopogonia asperata* (Harvey) Kylin** ⓄⓅ
Origin: Endemic; Occurrence: Wild
Andreopsida
Andreaeales
Andreaeaceae
***Andreaea arctoaeoides* Beckett** Ⓢ
***Andreaea australis* F.Muell. ex Mitt.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Andreaea eximia* Müll.Hal.** Ⓢ
Occurrence: Absent
Ascomycetes
Umbilicariaceae
***Umbilicaria cristata* C.W.Dodge & G.E.Baker** Ⓢ
Occurrence: Absent
***Umbilicaria cylindrica* (L.) Delise** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Umbilicaria grisea* Hoffm.** Ⓣ
Origin: Non-endemic; Occurrence: Wild

Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.*2 ed. Lincoln, Manaaki Whenua Press. 2261 p.

***Umbilicaria nylanderiana* (Zahlbr.) H.Magn.** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Arthoniales

Roccellaceae

***Lecanactis* Körb.** Ⓟ
Origin: Non-endemic; Occurrence: Wild

***Lecanactis exigua* Egea & Torrente** Ⓟ
Origin: Endemic; Occurrence: Wild

Gyalectales

Gyalectaceae

***Coenogonium pallidulum* (Müll.Arg.) Vězda** Ⓢ
Origin: Indigenous; Occurrence: Wild

Lecanorales

Myxobilimbia Hafellner ⊖ Ⓣ
= *Bilimbia* De Not.
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Acarosporaceae

***Acarospora* A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild

***Acarospora glaucocarpa* (Ach.) Arnold** ⓈⓉ
Origin: Non-endemic; Occurrence: Wild

***Polysporina* Vězda** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Alectoriaceae

***Alectoria* Ach.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild

Alectoria pubescens (L.) R.Howe Ⓢ
= *Pseudephebe pubescens* (L.) M.Choisy

Alectoriaceae Ⓟ
Occurrence: Absent

Arctomiaceae

***Arctomia* Th.Fr.** ⓅⓈ
Origin: Non-endemic; Occurrence: Wild

***Arctomia fascicularis* var. *colensoi* (C.Bab.) de Lange** Ⓞ
Origin: Non-endemic; Occurrence: Wild

Bacidiaceae

Bacidia carneorufa C.Knight Ⓢ
= *Bacidia laurocerasi* (Delise ex Duby) Vain.

Bacidia leucothalamia f. *melachroa* (Nyl.) Zahlbr. Ⓢ
= *Bacidia leucothalamia* (Nyl.) Hellb.

Bacidia pedicellata C.Knight Ⓣ
= *Bapalmuia buchananii* (Stirt.) Kalb & Lücking
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 rhyparobola (Nyl.) Zahlbr. Ⓢ
= *Bacidia plesia* (C.Knight) Zahlbr.

***Bacidia superula* (Nyl.) Hellb.** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Biatorina A.Massal ⊖
= *Catinaria* Vain.

Biatorina caesiopallens (Nyl.) Hellb. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.

Biatorina caesiopallens var. *amoenior* (Nyl.) Hellb. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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.

Biatorina hemitropa (Nyl.) Hellb. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.

Biatorina leucoplacoides (Kremp.) Hellb. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.

Biatorina maculosa (Stirt.) Hellb. Ⓣ
= *Megalaria maculosa* (Stirt.) D.J.Galloway
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.

Biatorina melanotropa (Nyl.) Hellb. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.

Biatorina semipallida (C.Knight) Hellb. ⊖ Ⓣ
= *Micarea denigrata* (Fr.) Hedl.

Biatorina spodophana (Nyl.) Hellb. Ⓣ
= *Megalaria spodophana* (Nyl.) D.J.Galloway
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.

Biatorina subcarnea (Müll.Arg.) Hellb. Ⓣ
= *Megalaria subcarnea* (Müll.Arg.) D.J.Galloway
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.

Biatorina sublivens (Nyl.) Hellb. Ⓣ
= *Megalaria sublivens* (Nyl.) D.J.Galloway
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.

***Catinaria* Vain.** Ⓟ
Occurrence: Absent

***Jarmania* Kantvilas** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Lecania* A.Massal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Lecania alpivaga Th.Fr. Ⓐ Ⓢ
= *Halecania alpivaga* (Th.Fr.) M.Mayrhofer

***Lecania inundata* (Hepp ex Körb.) H.Mayrhofer** Ⓢ
Origin: Non-endemic; Occurrence: Wild

***Lecania nylanderiana* A.Massal.** Ⓢ
Origin: Non-endemic; Occurrence: Wild

***Phyllopsora* Müll.Arg.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Psorella Müll.Arg. ⊖ Ⓣ
= *Bacidia* De Not.
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.
***Solenopsora* A.Massal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
***Solenopsora sordida* (C.W.Dodge) D.J.Galloway** Ⓞ
Origin: Endemic; Occurrence: Wild
***Tephromela superba* Fryday** Ⓢ
Origin: Non-endemic; Occurrence: Wild

Baeomycetaceae

***Baeomyces* Pers.** Ⓟ
Origin: Non-endemic; Occurrence: Wild
Baeomyces fungoides (Sw.) Ach. ⊖
= *Dibaeis fungoides* (Sw.) Kalb & Gierl
***Baeomyces heteromorphus* Nyl. ex C.Bab. & Mitt.** Ⓣ
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.
Baeomyces pertenuis Stirt. ⊖
= *Coenogonium luteum* (Dicks.) Kalb & Lücking
Baeomyces squamarioides Nyl. Ⓣ
= *Icmadophila splachnirima* (Hook.f. & Taylor) D.J.Galloway
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.
Cladoniopsis Zahlbr. ⊖
= *Baeomyces* Pers.

Caliciaceae

***Calicium adspersum* Pers.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Calicium adspersum* Pers. subsp. *adspersum Ⓢ
Occurrence: Absent
Calicium debile (Turner & Borrer ex Sm.) Sm. ⓈⓉ
= *Chaenothecopsis debilis* (Turner & Borrer ex Sm.) Tibell
Calicium lignicola Nádv. Ⓢ
= *Chaenothecopsis lignicola* (Nádv.) Alb.Schmidt
Calicium pusiola Ach. Ⓢ
= *Chaenothecopsis pusiola* (Ach.) Vain.
Cyphelium mammosum Hepp ⒶⓈ
= *Thelomma mammosum* (Hepp) A.Massal.
***Pyrgillus* Nyl.** Ⓟ
Occurrence: Absent
***Tetramelas allisoniae* Elix, H.Mayrhofer & Glenny** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Trachylia Fr. Ⓢ⊖
= *Arthonia* Ach.

Candelariaceae

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

Catillariaceae

Catillaria caesia Zahlbr. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.
Catillaria caesiopallens (Nyl.) Zahlbr. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.

Catillaria caesiopallens var. *tristior* Zahlbr. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.
***Catillaria contristans* (Nyl.) Zahlbr.** Ⓣ
Origin: Indigenous; 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.
Catillaria kelica (Stirt.) Zahlbr. Ⓣ
= *Stirtoniella kelica* (Stirt.) D.J.Galloway, Hafellner & Elix
Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.*2 ed. Lincoln, Manaaki Whenua Press. 2261 p.
Catillaria leucoplacoides (Kremp.) Zahlbr. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.
Catillaria melanotropa (Nyl.) Zahlbr. Ⓣ
= *Megalaria melanotropa* (Nyl.) D.J.Galloway
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.
Catillaria pahiensis (Zahlbr.) Hertel Ⓣ
= *Tylothallia verrucosa* (Müll.Arg.) Kantvilas
Catillaria semipallida (C.Knight) Zahlbr. ⊖ Ⓣ
= *Micarea denigrata* (Fr.) Hedl.
Catillaria spodophana (Nyl.) Zahlbr. Ⓣ
= *Megalaria spodophana* (Nyl.) D.J.Galloway
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.
Catillaria subcarnea (Müll.Arg.) Zahlbr. Ⓣ
= *Megalaria subcarnea* (Müll.Arg.) D.J.Galloway
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.
Catillaria sublivens (Nyl.) Zahlbr. Ⓣ
= *Megalaria sublivens* (Nyl.) D.J.Galloway
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.
Catillaria variegata (Müll.Arg.) Zahlbr. ⊖ Ⓣ
= *Cliostomum griffithii* (Sm.) Coppins
***Thalloidima* A.Massal.** ⓄⓅ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.
Thalloidima amphitropum (Nyl.) Müll.Arg. ⊖ Ⓣ
= *Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S.Ekman
***Toninia* A.Massal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.
Toninia amphitropa (Nyl.) Hellb. ⊖ Ⓣ
= *Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S.Ekman
Toninia aromatica (Sm.) A.Massal. ⊖ Ⓣ
= *Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S.Ekman

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Toninia australis Timdal ⊖ Ⓣ

= *Bibbya australis* (Timdal) Timdal

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Toninia bullata (Meyen & Flot.) Zahlbr. ⊖ Ⓣ

= *Bibbya bullata* (Meyen & Flot.) Kistenich, Timdal, Bendiksby &S.Ekman

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Toninia caeruleonigricans sensu auct. non (Lightf.) Th.Fr. Ⓢ

= *Toninia sedifolia* (Scop.) Timdal

Toninia glaucocarpa Timdal ⊖ Ⓣ

= *Bibbya glaucocarpa* (Timdal) Timdal

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Toninia sedifolia (Scop.) Timdal ⊖ Ⓣ

= *Thalloidima sedifolium* (Scop.) Kistenich, Timdal, Bendiksby & S.Ekman

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Collemataceae

Synechoblastus Trevis. ⊖

= *Collema* F.H.Wigg.

Synechoblastus aggregatus (Ach.) Th.Fr. Ⓢ

= *Arctomia fascicularis* (L.) Otálora & Wedin

Lecanoraceae

Lecanora fuscata (Ach.) Röhl. ⓈⓉ

= *Acarospora fuscata* (Nyl.) Arnold

Lecanora subfuscescens Nyl. ⊖

= *Polysporina subfuscescens* (Nyl.) K.Knudsen & Kocourk

***Megalaria* Hafellner** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Megalaria laureri* (Hepp ex Th. Fr.) Hafellner** Ⓢ

Occurrence: Absent

***Megalaria melanotropa* (Nyl.) D.J.Galloway** Ⓣ

Origin: Endemic; Occurrence: Wild

Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist 42(5)*: 587-600.

***Megalaria pulverea* (Borrer) Hafellner & E.Schreiner** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist 42(5)*: 587-600.

***Megalaria spodophana* (Nyl.) D.J.Galloway** Ⓣ

Origin: 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.

***Megalaria subcarnea* (Müll.Arg.) D.J.Galloway** Ⓣ

Origin: 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.

***Megalaria sublivens* (Nyl.) D.J.Galloway** Ⓣ

Origin: 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.

Scoliciosporum bagliettoanum A.Massal. & De Not. Ⓢ

= *Bacidia bagliettoana* (A.Massal. & De Not.) Jatta

***Tylothallia* P.James & H.Kilias** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Lecideaceae

Lecidea allotropa Nyl. Ⓣ

= *Bacidia allotropa* (Nyl.) Zahlbr.

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 amphitropa Nyl. ⊖ Ⓣ

= *Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S.Ekman

Lecidea bullata Meyen & Flot. ⊖ Ⓣ

= *Bibbya bullata* (Meyen & Flot.) Kistenich, Timdal, Bendiksby &S.Ekman

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Lecidea caesiopallens Nyl. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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 contristans Nyl. Ⓣ

= *Catillaria contristans* (Nyl.) Zahlbr.

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 epiphysa Stirt. Ⓣ

= *Biatorella epiphysa* (Stirt.) Hellb.

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 hemitropa Nyl. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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 interposita* Nyl.** Ⓟ⊖ Ⓣ

Occurrence: Absent

Lecidea leucoplacoides Kremp. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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 pseudophana Nyl. Ⓣ

= *Bacidia leucocarpa* C.Knight

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 semipallida C.Knight ⊖ Ⓣ

= *Micarea denigrata* (Fr.) Hedl.

Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist 42(5)*: 587-600.

Lecidea spodophana Nyl. Ⓣ

= *Megalaria spodophana* (Nyl.) D.J.Galloway

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 sublivens Nyl. Ⓣ
= *Megalaria sublivens* (Nyl.) D.J.Galloway
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.

Micareaceae

***Micarea denigrata* (Fr.) Hedl.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist 42(5)*: 587-600.

Parmeliaceae

***Austroparmelina labrosa* (Zahlbr.) A.Crespo, Divakar & Elix** Ⓞ
Origin: Non-endemic; Occurrence: Wild

Lichen aromaticus Sm. ⊜ Ⓣ
= *Toniniopsis aromatica* (Sm.) Kistenich, Timdal, Bendiksby & S.Ekman
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Menegazzia caliginosa* P.James & D.J.Galloway** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Physciaceae

***Amandinea clearyi* Elix & Øvstedal** ⒶⓈ
Occurrence: Absent

***Buellia haywardii* Elix, A.Knight & H.Mayrhofer** Ⓞ
Origin: Non-endemic; Occurrence: Wild

***Dimelaena* Norman** Ⓢ
Occurrence: Absent

***Heterodermia* Trevis.** Ⓟ
Origin: Non-endemic; Occurrence: Wild

***Rinodina septentrionalis* Malme** ⓄⓅ
Occurrence: Absent

Pilocarpaceae

***Byssoloma adspersum* Malcolm & Vězda** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Porpidiaceae

Bilimbia coprodes Körb. Ⓢ
= *Bacidia coprodes* (Körb.) Lettau

Bilimbia rhyparobola (Nyl.) Hellb. Ⓢ
= *Bacidia plesia* (C.Knight) Zahlbr.

***Mycobilimbia* Rehm** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

Ramalinaceae

***Cliostomum* Fr.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Ramalina* Ach.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Ramalina leptocarpha* Tuck.** Ⓢ
Occurrence: Absent

***Ramalina ovalis* Hook.f. & Taylor** Ⓢ
Origin: Non-endemic; Occurrence: Wild

Ramalina subfraxinea subsp. *leiodea* Nyl. Ⓢ
= *Ramalina leiodea* (Nyl.) Nyl.

***Stirtoniella* D.J.Galloway, Hafellner & Elix** Ⓣ
Origin: Non-endemic; Occurrence: Wild

Kistenich, S.; Timdal, E.; Bendiksbyl, M.; Ekman, S. 2018: Molecular systematics and character evolution in the lichen family Ramalinaceae (Ascomycota: Lecanorales). *Taxon 67(5)*: 871-904.

***Stirtoniella kelica* (Stirt.) D.J.Galloway, Hafellner & Elix** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Galloway, D.J. 2007: *Flora of New Zealand; Lichens, including lichen-forming and lichenicolous fungi. Revised second edition.*2 ed. Lincoln, Manaaki Whenua Press. 2261 p.

Sphaerophoraceae

Sphaerophorus melanocarpus (Sw.) DC. Ⓢ⊖

= *Bunodophoron melanocarpum* (Sw.) Wedin

Ostropales

Thelotremataceae

***Diploschistes scruposus* (Schreb.) Norman** Ⓟ

Origin: Non-endemic; Occurrence: Wild

Patellariales

Patellariaceae

Patellaria apiahica Müll.Arg. Ⓣ

= *Bacidina apiahica* (Müll.Arg.) Vězda

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.

Patellaria caesiopallens (Nyl.) Müll.Arg. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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.

Patellaria caesiopallens f. *amoenior* (Nyl.) Müll.Arg. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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.

Patellaria carneorufa (C.Knight) Müll.Arg. Ⓢ

= *Bacidia laurocerasi* (Delise ex Duby) Vain.

Patellaria leucoplacoides (Kremp.) Müll.Arg. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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.

Patellaria maculosa (Stirt.) Müll.Arg. Ⓣ

= *Megalaria maculosa* (Stirt.) D.J.Galloway

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.

Patellaria melanotropa (Nyl.) Müll.Arg. Ⓣ

= *Megalaria melanotropa* (Nyl.) D.J.Galloway

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.

Patellaria semipallida (C.Knight) Müll.Arg. ⊖ Ⓣ

= *Micarea denigrata* (Fr.) Hedl.

Patellaria spodophana (Nyl.) Müll.Arg. Ⓣ

= *Megalaria spodophana* (Nyl.) D.J.Galloway

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.

Patellaria subcarnea Müll.Arg. Ⓣ

= *Megalaria subcarnea* (Müll.Arg.) D.J.Galloway

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.

Patellaria sublivens (Nyl.) Müll.Arg. Ⓣ

= *Megalaria sublivens* (Nyl.) D.J.Galloway

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.

Patellaria variegata Müll.Arg. ⊖ Ⓣ
= *Cliostomum griffithii* (Sm.) Coppins
Fryday, A.M.; Lendemer, C. 2010: Reassessment of the genus *Catillochroma* (lichenized Ascomycota, Ramalinaceae). *The Lichenologist 42(5)*: 587-600.

Patellaria verrucosa Müll.Arg. Ⓢ
= *Tylothallia verrucosa* (Müll.Arg.) Kantvilas

Trichotheliales
Trichotheliaceae
***Porina constrictospora* P.M.McCarthy & Kantvilas** Ⓟ
Origin: Non-endemic; Occurrence: Wild

Bryatae
***Leptotrichum* Hampe ex Müll.Hal.** Ⓢ
Lophiodon Hook.f. & Wilson Ⓢ⊖
= *Ditrichum* Timm ex Hampe
Lophiodon strictus Hook.f. & Wilson Ⓢ
= *Ditrichum strictum* (Hook.f. & Wilson) Hampe
Octodiceras Brid. Ⓢ⊖
= *Fissidens* Hedw.
Phascum axillare Dicks. Ⓢ
= *Pseudephemerum nitidum* (Hedw.) Loeske
Pseudodistichium Cardot Ⓢ⊖
= *Ditrichum* Hampe
Pseudodistichium austrogeorgicum Cardot Ⓢ
= *Ditrichum austrogeorgicum* (Cardot) Seppelt
Sporledera minutissima (Dixon & Sainsbury) Sainsbury Ⓣ
= *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
Fife, A.J. 1995: Checklist of the mosses of New Zealand. *Bryologist 98*: 313-337.

Bryopsida
Bryales
Bryaceae
Bryum macrocarpon Hedw. Ⓢ
= *Leptostomum macrocarpon* (Hedw.) Bach.Pyl.
Leptostomataceae
***Leptostomum macrocarpon* (Hedw.) Bach.Pyl.** Ⓢ
Origin: Non-endemic; Occurrence: Wild
Mielichhoferiaceae
Mielichhoferiaceae Ⓟ
Origin: Non-endemic; Occurrence: Wild
Dicranales
Bruchiaceae
Bruchia minutissima Dixon & Sainsbury Ⓣ
= *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
Fife, A.J. 1995: Checklist of the mosses of New Zealand. *Bryologist 98*: 313-337.
Dicranaceae
Dicranum glaucum Hedw. ⊖
= *Leucobryum glaucum* (Hedw.) Ångstr.
Ditrichaceae
***Cheilothela* Broth.** Ⓟ
Occurrence: Absent
***Ditrichum* Timm ex Hampe** Ⓢ
Origin: Non-endemic; Occurrence: Wild
***Ditrichum austrogeorgicum* (Cardot) Seppelt** Ⓢ
Occurrence: Absent
***Eccremidium arcuatum* (Hook.f. & Wilson) Müll.Hal.** ⓄⓅ
Origin: Non-endemic; Occurrence: Wild
Pseudephemerum axillare (Dicks.) I.Hagen Ⓢ
= *Pseudephemerum nitidum* (Hedw.) Loeske
Pseudephemerum axillare (Lindb.) I.Hagen ⊖
***Pseudephemerum nitidum* (Hedw.) Loeske** Ⓢ
Origin: Exotic; Occurrence: Wild

Fissidentaceae
Fissidens curvatus* Hornsch. var. *curvatus ⓞ
Origin: Exotic; Occurrence: Wild
Fissidens taylorii var. *sainsburiana* Allison
= *Fissidens taylorii* var. *sainsburyanus* J.E.Beever
Leucobryaceae
***Leucobryum javense* (Brid.) Mitt.** ⓞⓟ
Occurrence: Absent
Grimmiales
Grimmiaceae
Dryptodon crispulus Hook.f. & Wilson Ⓣ
= *Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
Grimmia ptychophylla Mitt. Ⓣ
= *Racomitrium ptychophyllum* (Mitt.) Mitt.
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
***Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
***Racomitrium lanuginosum* (Hedw.) Brid.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
Racomitrium lanuginosum var. *pruinosum* Hook.f. & Wilson Ⓣ
= *Racomitrium pruinosum* (Hook.f. & Wilson) Müll.Hal.
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
***Racomitrium pruinosum* (Hook.f. & Wilson) Müll.Hal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
***Racomitrium ptychophyllum* (Mitt.) Mitt.** ⓈⓉ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
Hookeriales
Hookeriaceae
Hookeria pennata (Labill.) Sm. Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf
Hookeria pennata var. *minor* Hook.f. & Wilson Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf
Hypopterygiaceae
***Cyathophorum* P.Beauv.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf

***Cyathophorum bulbosum* (Hedw.) Müll.Hal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf

Cyathophorum bulbosum var. *minus* (Hook.f. & Wilson) Paris Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf

Cyathophorum pennatum (Labill.) Brid. Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf

***Hypopterygium* Brid.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Hypopterygiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Hypopterygium.pdf

***Hypopterygium didictyon* Müll.Hal.** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Hypopterygiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Hypopterygium.pdf

Hypopterygium novae-seelandiae Müll.Hal. Ⓣ
= *Hypopterygium didictyon* Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Hypopterygiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Hypopterygium.pdf

***Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.** ⓈⓉ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Hypopterygiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Hypopterygium.pdf

***Lopidium* Hook.f. & Wilson** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Lopidiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Lopidium.pdf

***Lopidium concinnum* (Hook.) Hook.f. & Wilson** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Australian Mosses Online. 54. Hypopterygiaceae: Lopidiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Lopidium.pdf

***Lopidium struthiopteris* (Brid.) M.Fleisch.** Ⓣ
Occurrence: Absent
Australian Mosses Online. 54. Hypopterygiaceae: Lopidiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Lopidium.pdf

Hypnales

Amblystegiaceae

Drepanocladus fontinaliopsis var. *flaccidus* Allison Ⓣ
= *Sphagnum falcatulum* Besch.
Hedenäs, L. 1993: A generic revision of the *Warnstorfia-Calliergon* group. *Journal of Bryology 17*: 447-479.

Brachytheciaceae

Brachythecium subplicatum sensu Sainsbury Ⓣ
= *Brachythecium fontanum* Fife

Hypnaceae

Hypnum tamarisci Sw. Ⓣ
= *Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Hypopterygiumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Hypopterygium.pdf

Leskeaceae
Leskea filiculaeformis Hedw. ⊖
= *Dendrohypopterygium filiculiforme* (Hedw.) Kruijer
Leskea pennata Labill. Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf
Neckeraceae
Neckera brownii Dixon Ⓣ
= *Neckera laevigata* Hook.f. & Wilson
Fife, A.J. 1995: Checklist of the mosses of New Zealand. *Bryologist 98*: 313-337.
Plagiotheciaceae
Plagiothecium denticulatum sensu Sainsbury ⊖ Ⓣ
= *Plagiothecium lamprostachys* (Hampe) A.Jaeger
Fife, A.J.2019: Plagiotheciaceae. *In* : *Flora of New Zealand – Mosses;*
Pylaisiadelphaceae
Taxithelium novae-zealandiae E.B.Bartram & Dixon Ⓣ
= *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
Fife, A.J. 1995: Checklist of the mosses of New Zealand. *Bryologist 98*: 313-337.
Orthotrichales
Orthotrichaceae
Schlotheimia brownii sensu Sainsbury Ⓣ
= *Schlotheimia knightii* Müll.Hal.
Fife, A.J.2017: Orthotrichaceae. *In* : *Flora of New Zealand – Mosses;*
Pottiales
Ephemeraceae
Ephemerum whiteleggei Broth. & Geh. Ⓣ
= *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
Stone, I.G.; Scott, G.A.M. 1973: Name changes in Australian mosses. *Journal of Bryology 7*: 603-605.
Pottiaceae
Anictangium bulbosum Hedw. Ⓣ
= *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
Australian Mosses Online. 54. Hypopterygiaceae: Cyathophorumhttp://www.anbg.gov.au/abrs/Mosses_online/Hypopterygiaceae_Cyathophorum.pdf
***Leptodontium interruptum* (Mitt.) Broth.** ◎
Origin: Non-endemic; Occurrence: Wild
Trichostomum austrocrispum (Beckett) R.H.Zander Ⓢ
= *Weissia austrocrispa* (Beckett) I.G.Stone
Trichostomum lanuginosum Hedw. Ⓣ
= *Racomitrium lanuginosum* (Hedw.) Brid.
Australian Mosses Online 62. Grimmiaceae_Racomitriumhttp://www.anbg.gov.au/abrs/Mosses_online/Grimmiaceae_Racomitrium.pdf
Trichostomum ligulatum R.Br.bis Ⓢ
= *Tortula atrovirens* (Sm.) Lindb.
Trichostomum minutifolium R.Br.bis Ⓢ
= *Tortula atrovirens* (Sm.) Lindb.
Jungermanniopsida
Jungermanniales
Anastrophyllaceae
Anastrophyllum schismoides var. *crassulum* J.J.Engel
= *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Váňa & L.Söderstr.
Jungermanniaceae
Jungermannia nudipes Hook.f. & Taylor Ⓣ
= *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Jungermannia (*Lophocolea*) Dumort. Ⓢ⊖ Ⓣ
= *Chiloscyphus* Corda

Engel, J.J.; Glenny, D. 2019: *A Flora of the Liverworts and Hornworts of New Zealand. Vol. 2.*134 ed. *Monographs in Systematic Botany from the Missouri Botanical Garden*St. Louis, Missouri Botanical Garden. 739 p.

Lepicoleaceae

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

Origin: Endemic; Occurrence: Wild

Lophocoleaceae

Chiloscyphus mittenianus var. *obtusus* J.J.Engel

= *Cryptolophocolea mitteniana* var. *obtusa* (J.J.Engel) L.Söderstr.

Lophocolea (Dumort.) Dumort. ⊖ Ⓣ

= *Chiloscyphus* Corda

Engel, J.J.; Glenny, D. 2019: *A Flora of the Liverworts and Hornworts of New Zealand. Vol. 2.*134 ed. *Monographs in Systematic Botany from the Missouri Botanical Garden*St. Louis, Missouri Botanical Garden. 739 p.

Lophocolea excisifolia Steph. Ⓢ

= *Chiloscyphus excisifolius* (Steph.) J.J.Engel & R.M.Schust.

***Pachyglossa* Herzog & Grolle** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Engel, J.J.; Glenny, D. 2019: *A Flora of the Liverworts and Hornworts of New Zealand. Vol. 2.*134 ed. *Monographs in Systematic Botany from the Missouri Botanical Garden*St. Louis, Missouri Botanical Garden. 739 p.

Metzgeriales

Aneuraceae

***Riccardia cochleata* (Hook.f. & Taylor) Kuntze** ◎

Origin: Non-endemic; Occurrence: Wild

Pallaviciniales

Pallaviciniaceae

***Symphyogyna prolifera* Colenso** ◎Ⓟ⊖

Origin: Endemic; Occurrence: Wild

Porellales

Frullaniaceae

***Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees** ◎

Origin: Endemic; Occurrence: Wild

***Frullania scandens* Mont.** ◎

Origin: Endemic; Occurrence: Wild

Lejeuneaceae

Austrolejeunea (R.M.Schust.) R.M.Schust. ⊖ Ⓣ

= *Siphonolejeunea* Herzog

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea carcharias (M.A.M.Renner) M.A.M.Renner ⊖ Ⓣ

= *Siphonolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea fragilis (R.M.Schust.) R.M.Schust. ⊖ Ⓣ

= *Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea hispida R.M.Schust. ⊖ Ⓣ

= *Siphonolejeunea hispida* (R.M.Schust.) M.A.M.Renner

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea nudipes (Hook.f. & Taylor) Grolle Ⓣ

= *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea olgae (R.M.Schust.) R.M.Schust. ⊖ Ⓣ

= *Siphonolejeunea olgae* R.M.Schust.

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

Austrolejeunea secunda M.A.M.Renner ⊖ Ⓣ

= *Siphonolejeunea secunda* (M.A.M.Renner) M.A.M.Renner

Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.

***Cheilolejeunea implexicaulis* (Hook.f. & Taylor) R.M.Schust.** ⓄⓅ
Occurrence: Absent
Cololejeunea fragilis R.M.Schust. ⊖ Ⓣ
= *Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
***Colura pulcherrima* var. *bartlettii* Jovet-Ast** Ⓞ
Origin: Endemic; Occurrence: Wild
***Colura saccophylla* E.A.Hodgs. & Herzog** Ⓞ
Origin: Endemic; Occurrence: Wild
Nephelolejeunea carcharias M.A.M.Renner ⊖ Ⓣ
= *Siphonolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea conchophylla Grolle ⊖ Ⓣ
= *Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea fragilis (R.M.Schust.) L.Söderstr. & A.Hagborg ⊖ Ⓣ
= *Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea hamata Grolle ⊖ Ⓣ
= *Siphonolejeunea hamata* (Grolle) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea hispida (R.M.Schust.) L.Söderstr. & A.Hagborg Ⓢ⊖ Ⓣ
= *Siphonolejeunea hispida* (R.M.Schust.) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea papillosa Glenny ⊖ Ⓣ
= *Siphonolejeunea papillosa* (Glenny) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Nephelolejeunea secunda M.A.M.Renner ex L.Söderstr. & A.Hagborg ⊖ Ⓣ
= *Siphonolejeunea secunda* (M.A.M.Renner) M.A.M.Renner
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
***Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog** Ⓣ
Origin: Non-endemic; Occurrence: Wild
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
***Siphonolejeunea nudipes* var. *magnicarinata* E.A.Hodgs.** Ⓣ
Origin: Endemic; Occurrence: Wild
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog var. *nudipes Ⓣ
Origin: Non-endemic; Occurrence: Wild
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
***Siphonolejeunea olgae* R.M.Schust.** ⓄⓅ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Renner, M.A.M.; de Lange, P.J. 2020: A revised circumscription for *Siphonolejeunea* and a new species from New Zealand. *Australian Systematic Botany 33*: 311-326.
***Siphonolejeunea* (*Austrolejeunea*) R.M.Schust.** ⊖ Ⓣ

Lycopodiopsida
Lycopodiales
Lycopodiaceae
Palhinhaea Franco & Vasc. ex Vasc. & Franco Ⓢ
= *Lycopodiella* Holub

Magnoliopsida
Apiales
Araliaceae
Neopanax Allan ⊖ Ⓣ
= *Pseudopanax* K.Koch
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Neopanax arboreus (L.f.) Allan Ⓣ
= *Pseudopanax arboreus* (L.f.) K.Koch
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Neopanax colensoi (Hook.f.) Allan Ⓣ
= *Pseudopanax colensoi* (Hook.f.) Philipson
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Neopanax kermadecensis (W.R.B.Oliv.) Allan Ⓣ
= *Pseudopanax kermadecensis* (W.R.B.Oliv.) Philipson
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Neopanax laetus (Kirk) Allan Ⓣ
= *Pseudopanax laetus* (Kirk) Philipson
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Nothopanax macintyrei Cheeseman Ⓣ
= *Pseudopanax macintyrei* (Cheeseman) Wardle
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
***Pseudopanax* K.Koch** ◎Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
***Pseudopanax arboreus* (L.f.) K.Koch** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
***Pseudopanax kermadecensis* (W.R.B.Oliv.) Philipson** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
***Pseudopanax macintyrei* (Cheeseman) Wardle** Ⓣ
Origin: Endemic; Occurrence: Wild
Perrie, L.R.; Shepherd, L.D. 2009: Reconstructing the species phylogeny of *Pseudopanax* (Araliaceae), a genus of hybridising trees. *Molecular Phylogenetics and Evolution 52*: 774-783.
Asparagales
Alliaceae
Nothoscordum inodorum sensu New Zealand botanists Ⓢ
= *Nothoscordum gracile* (Aiton) Stearn
Asphodelaceae
***Dianella intermedia* Endl.** ◎
Occurrence: Absent
Orchidaceae
Acianthus viridis Hook.f.
= *Townsonia viridis* (Hook.f.) Schltr.

Listera ovata (L.) R. Br. Ⓢ⊖
= *Neottia ovata* (L.) Bluff & Fingerh.
Asterales
Compositae
Abrotanella christensenii Petrie ⊖ Ⓣ
= *Solenogyne christensenii* (Petrie) de Lange, Jian Wang ter & Barkla
de Lange, P.J.; Wang, J.; Barkla, J.W.; Marshall, A. 2020: *Solenogyne christensenii*, comb. nov. (Asteraceae: Astereae), a new combination for a New Zealand species. *Ukrainian Botanical Journal 77(2)*: 73-80.
Senecio lautus G.Forst. ex Willd. subsp. *lautus* ⊖
= *Senecio lautus* G.Forst. ex Willd.
Senecio lautus G.Forst. ex Willd. var. *lautus* ⊖
= *Senecio lautus* G.Forst. ex Willd.
***Solenogyne* Cass.** ⓄⓉ
Origin: Non-endemic; Occurrence: Wild
de Lange, P.J.; Wang, J.; Barkla, J.W.; Marshall, A. 2020: *Solenogyne christensenii*, comb. nov. (Asteraceae: Astereae), a new combination for a New Zealand species. *Ukrainian Botanical Journal 77(2)*: 73-80.
Brassicales
Cruciferae
Cardamine hirsuta var. *corymbosa* (Hook.f.) Hook.f. ⓈⓉ
= *Cardamine corymbosa* Hook.f.
Heenan, P.B. 2017: A taxonomic revision of *Cardamine* L. (Brassicaceae) in New Zealand. *Phytotaxa 330(1)*: 001-154.
Caryophyllales
Tamaricaceae
***Myricaria* Desv.** Ⓣ
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.
Cucurbitales
Cucurbitaceae
***Citrullus lanatus* (Thunb.) Matsum. & Nakai** Ⓣ
Origin: Exotic; Occurrence: Wild
Sykes, W.R. 1982: Checklist of dicotyledons naturalised in New Zealand 12. Haloragales, Myrtales, Proteales, Theales, Violales (excluding Violaceae). . *New Zealand Journal of Botany 20*: 73-80.
Fabales
Leguminosae
***Acacia auriculiformis* Cunn. ex Benth.** Ⓣ
Maslin, B.R. 2001: *Wattle - Acacias of Australia.*Canberra, ABRS.
***Acacia baileyana* F.Muell.** Ⓣ
Origin: Exotic; Occurrence: Wild
Maslin, B.R. 2001: *Wattle - Acacias of Australia.*Canberra, ABRS.
***Acacia floribunda* (Vent.) Willd.** Ⓣ
Origin: Exotic; Occurrence: Wild
Maslin, B.R. 2001: *Wattle - Acacias of Australia.*Canberra, ABRS.
Racosperma Mart. Ⓣ
= *Acacia* Mill.
Mabberley, D.J. 2017: *Mabberley's plant book, a portable dictionary of plants, their classification and uses.* Cambridge University Press. 1102 p.
Racosperma floribundum (Vent.) Pedley Ⓣ
= *Acacia floribunda* (Vent.) Willd.
Maslin, B.R. 2001: *Wattle - Acacias of Australia.*Canberra, ABRS.
Gentianales
Apocynaceae
***Oxypetalum* R.Br.** Ⓟ
Origin: Exotic; Occurrence: Sometimes present
***Vincetoxicum* Wolf** Ⓢ
Origin: Exotic; Occurrence: Wild
Lamiales
Labiatae
***Satureja hortensis* L.** Ⓟ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Lentibulariaceae

Utricularia colensoi Hook.f. ⊖ Ⓣ

= *Utricularia dichotoma* subsp. *novae-zelandiae* (Hook.f) R.W.Jobson

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

***Utricularia dichotoma* Labill.** Ⓣ

Origin: Non-endemic; Occurrence: Wild

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

Utricularia monanthos Hook.f. ⊖ Ⓣ

= *Utricularia dichotoma* subsp. *monanthos* (Hook.f) R.W.Jobson

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

Utricularia novae-zelandiae Hook.f. ⊖ Ⓣ

= *Utricularia dichotoma* subsp. *novae-zelandiae* (Hook.f) R.W.Jobson

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

Utricularia subsimilis Colenso ⊖ Ⓣ

= *Utricularia dichotoma* subsp. *novae-zelandiae* (Hook.f) R.W.Jobson

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

Utricularia vulcanica Colenso ⊖ Ⓣ

= *Utricularia dichotoma* subsp. *novae-zelandiae* (Hook.f) R.W.Jobson

Jobson, R.W.; Baleeiro, P.C. 2020: Radiations of fairy-aprons (*Utricularia dichotoma*, Lentibulariaceae) in Australia and New Zealand: molecular evidence and proposal of new subspecies . *Australian Systematic Botany 33*: 278-310.

Malpighiales

Violaceae

***Melicytus venosus* Courtney, Heenan, Molloy & de Lange** Ⓣ

Origin: Endemic; Occurrence: Wild

Heenan, P.B.; Courtney, S.P.; de Lange, P.J.; Molloy, B.P.J. 2018: Three new *Melicytus* species from central New Zealand and a revised circumscription of *Melicytus obovatus* (Violaceae). *New Zealand Journal of Botany 56*: 51-83.

Malvales

Malvaceae

Lavatera L. ⊖ Ⓣ

= *Malva* L.

Escobar, P.; Schönswetter, P.; Fuertes Aguilar, J.; Nieto Feliner, G.; Schneeweiss, G.M. 2009: Five molecular markers reveal extensive morphological homoplasy and reticulate evolution in the *Malva* alliance (Malvaceae). *Molecular Phylogenetics and Evolution 50*: 226-239.

Lavatera cretica L. ⊖ Ⓣ

= *Malva multiflora* (Cav.) Soldano, Banfi & Galasso

Juan, A.; Crespo, M.B. 2011: A new nomenclatural combination in *Malva* L. (Malvaceae). *Flora Montiberica 48*: 3-6.

Lavatera olbia L. ⊖

= *Malva olbia* (L.) Alef.

Lavatera plebeia sensu New Zealand Botanists ⊖

= *Malva multiflora* (Cav.) Soldano, Banfi & Galasso

Lavatera thuringiaca L. ⊖

= *Malva thuringiaca* (L.) Vis.

Lavatera trimestris L. ⊖

= *Malva trimestris* (L.) Salisb.

***Malva* L.** Ⓣ

Origin: Exotic; Occurrence: Wild

Escobar, P.; Schönswetter, P.; Fuertes Aguilar, J.; Nieto Feliner, G.; Schneeweiss, G.M. 2009: Five molecular markers reveal extensive morphological homoplasy and reticulate evolution in the *Malva* alliance (Malvaceae). *Molecular Phylogenetics and Evolution 50*: 226-239.

Malva linnaei M.F.Ray ⊖ Ⓣ
= *Malva multiflora* (Cav.) Soldano, Banfi & Galasso
Juan, A.; Crespo, M.B. 2011: A new nomenclatural combination in *Malva* L. (Malvaceae). *Flora Montiberica 48*: 3-6.
Malva pseudolavatera Webb & Berthel. ⊖ Ⓣ
= *Malva multiflora* (Cav.) Soldano, Banfi & Galasso
Juan, A.; Crespo, M.B. 2011: A new nomenclatural combination in *Malva* L. (Malvaceae). *Flora Montiberica 48*: 3-6.

Myrtales
Myrtaceae
***Babingtonia* Lindl.** ⓄⓅ
Occurrence: Absent
Babingtonia virgata (J.R.Forst. & G.Forst.) F.Muell. ⊖
= *Sannantha virgata* (J.R.Forst. & G.Forst.) Peter G.Wilson
***Baeckea* L.** ⓄⓅ
Occurrence: Absent
Baeckea virgata (J.R.Forst. & G.Forst.) Andrews ⊖
= *Sannantha virgata* (J.R.Forst. & G.Forst.) Peter G.Wilson
***Lophomyrtus ×ralphii* (Hook.f.) Burret.** Ⓢ
Origin: Endemic; Occurrence: Wild
***Melaleuca linearifolia* (Link) Craven** Ⓣ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
Myrciaria cauliflora (Mart.) O.Berg Ⓢ⊖
= *Plinia cauliflora* (Mart.) Kausel
***Myrtus* L.** Ⓟ
Occurrence: Absent
***Pimenta* Lindl.** ⓄⓅⓈ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Psidium guineense* Sw.** ⓄⓅⓈⓉ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture
***Syzygium cumini* (L.) Skeels** ⓅⓉ
Occurrence: Present in captivity/cultivation/culture
***Syzygium floribundum* F.Muell.** Ⓣ
Origin: Exotic; Occurrence: Sometimes present
***Syzygium jambos* (L.) Alston** Ⓣ
Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Oxalidales
Elaeocarpaceae
***Aristotelia ×colensoi* Hook.f.** ⓄⓅ
Origin: Endemic; Occurrence: Wild

Piperales
Piperaceae
Peperomia arabica var. *floribunda* Miq. ⊖
= *Peperomia leptostachya* Hook. & Arn.
***Peperomia blanda* (Jacq.) Kunth** ⓄⓅ
Occurrence: Absent
Peperomia blanda var. *floribunda* (Miq.) H.Huber ⊖ Ⓣ
= *Peperomia leptostachya* Hook. & Arn.
Mathieu, G. 2020: *Peperomia leptostachya* (Piperaceae) revived . *Candollea 75*: 45-49.
***Peperomia leptostachya* Hook. & Arn.** ⊖ Ⓣ
Origin: Non-endemic; Occurrence: Wild
Mathieu, G. 2020: *Peperomia leptostachya* (Piperaceae) revived . *Candollea 75*: 45-49.

Rosales
Rosaceae
***Argentina anserinoides* (Raoul) Holub** ⓄⓅ⊖ Ⓣ
Origin: Endemic; Occurrence: Wild
Bean, A.R. 2015: Notes on *Potentilla* (Rosaceae) and related genera in Australia. *Muelleria 33*: 75-83.
Potentilla anserina var. *anserinoides* (Raoul) Hook.f. ⊖ Ⓣ
= *Argentina anserinoides* (Raoul) Holub
Soják, J. 2010: *Argentina* Hill, a genus distinct from *Potentilla* (Rosaceae) . *Thaiszia Journal of Botany 20*: 91-97.
Potentilla anserinoides Raoul ⊖ Ⓣ
= *Argentina anserinoides* (Raoul) Holub

Soják, J. 2010: *Argentina* Hill, a genus distinct from *Potentilla* (Rosaceae) . *Thaiszia Journal of Botany 20*: 91-97.

Ulmaceae

***Ulmus glabra* Huds.** Ⓢ

Origin: Exotic; Occurrence: Sometimes present

Sapindales

Anacardiaceae

***Schinus latifolia* (Gillies ex Lindl.) Engl.** Ⓢ

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

Schinus latifolia var. *tomentosus* Fenzl ex Engl. Ⓢ

= *Schinus velutina* (Turcz.) I.M.Johnst.

***Schinus terebinthifolia* Raddi** Ⓢ

Origin: Exotic; Occurrence: Sometimes present

***Schinus velutina* (Turcz.) I.M.Johnst.** Ⓢ

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

Saxifragales

Haloragaceae

***Myriophyllum spicatum* L.** ⓄⓅ

Origin: Exotic; Occurrence: Uncertain

Solanales

Convolvulaceae

***Cuscuta pentagona* Engelm.** Ⓢ

Zingiberales

Zingiberaceae

***Alpinia* Roxb.** Ⓢ

Pinopsida

Pinales

Podocarpaceae

***Phyllocladus toatoa* Molloy** Ⓣ

Origin: Endemic; Occurrence: Wild

Molloy, B.P.J. 1996: A new species name in *Phyllocladus* (Phyllocladaceae) from New Zealand. *New Zealand Journal of Botany 34(3)*: 287-297.

Sphagnopsida

Sphagnales

Sphagnaceae

Sphagnum leionotum Müll.Hal. Ⓣ

= *Sphagnum cristatum* Hampe

Fife, A.J. 1996: A synopsis of New Zealand *Sphagna*, with a description of *S. simplex* sp. nov. *New Zealand Journal of Botany 34*: 309-328.

Sphagnum lonchocladum Müll.Hal. Ⓣ

= *Sphagnum palustre* L.

Staples, G. W., C. T. Imada, W. J. Hoe & C. W. Smith. 2004: A revised checklist of Hawaiian mosses. *Tropical Bryology 25*: 35-70.

Sphagnum setchellii Warnst. Ⓣ

= *Sphagnum falcatulum* Besch.

Fife, A.J. 1996: A synopsis of New Zealand *Sphagna*, with a description of *S. simplex* sp. nov. *New Zealand Journal of Botany 34*: 309-328.

Sphagnum subsecundum sensu Sainsbury Ⓣ

= *Sphagnum novo-zelandicum* Mitt.

Fife, A.J. 1996: A synopsis of New Zealand *Sphagna*, with a description of *S. simplex* sp. nov. *New Zealand Journal of Botany 34*: 309-328.

***Sphagnum teres* (Schimp.) Ångstr. ex Hartm.** Ⓢ

Occurrence: Absent


Manaaki
Whenua
PRESS