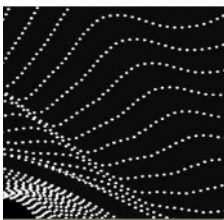




Checklist of the New Zealand Flora



Hornworts, Liverworts and Mosses



2020



Manaaki Whenua
Landcare Research

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

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Introduction

The scientific names of plants “provide a means of reference to facilitate communication about those organisms” (Turland 2013). Established over 300 years ago, the process of naming plants is today governed by the International Code of Nomenclature, with the names themselves anchored by a type specimen. In this electronic age the names remain a vital means of accessing and sharing information. As a result of new scientific research our understanding of plant species is constantly evolving, with old hypotheses being tested and new hypotheses of relationship being inferred as our knowledge improves. This expansion of our knowledge frequently leads to changes in the application of names and the publication of new names. A comprehensive list of names, including accepted names and their synonyms, and the relationship between names and their application, is important for anyone wanting to access and manage biological information.

At the Allan Herbarium (CHR), Manaaki Whenua – Landcare Research, the New Zealand Plant Names Database (PND) provides a contemporary account of the names of New Zealand indigenous and naturalised plants. The PND lists approximately 50,000 scientific names, primarily for hornworts, lichens, liverworts, mosses, ferns and seed plants in New Zealand, as well as some information for freshwater algae and our cultivated flora. The PND indicates which of the names are preferred for use at the Allan Herbarium, and provides information on the authorship and biostatus of the taxa. In addition to the scientific names, the PND is also used to record taxonomic concepts and associated literature, and vernacular and Māori names.

The data in the PND are continuously curated and updated. The updated data are published twice weekly to Ngā Tipu o Aotearoa – New Zealand Plants website (<http://nzflora.landcareresearch.co.nz>). The changes in the data are also summarised in quarterly reports that are published to the Manaaki Whenua – Landcare Research Datastore (<http://datastore.landcareresearch.co.nz/organization/plant-names-database-reports>).

The names for mosses (Bryophyta) in the PND, with the exception of the Andreaeaceae, are the result of work that has been ongoing for the *Flora of New Zealand – Mosses* series, which is being published in downloadable PDF format on <http://www.nzflora.info/>. Fascicles 1 to 46 have so far been published since 2014.

The names for liverworts (Marchantiophyta) largely reflect the decisions for *A Flora of the Liverworts and Hornworts of New Zealand* published by Missouri Botanical Garden. Volume 1 was published in 2008, so more recent work is also reflected in the PND. As Volumes 2 and 3 were published in 2019, relevant names almost entirely reflect these recent publications.

Volume 4 of *A Flora of the Liverworts and Hornworts of New Zealand* will comprise treatments of the Anthocerotophyta and the remaining Marchantiophyta families not yet treated. These are the subclass Marchantiopsida and the following orders of the Jungermannioopsida: Fossomboniales, Metzgeriales, Pallaviciniales, Pelliidae, and Porellales.

Structure and Content of the Checklist

The data for this Checklist of New Zealand hornworts, liverworts and mosses are extracted from the PND. Taxa listed are those that are present in the wild flora in the New Zealand political region. Misapplications are excluded from the Checklist.

Classification

In the PND the genera of hornworts, liverworts and mosses are classified into families according to the following classifications:

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Authorities

The authors of scientific names are abbreviated following the International Plant Names Index (IPNI) standard for author abbreviations. Authorities are available for most, but not all, listed names – the consistent addition of authors is part of the ongoing work in the PND.

Publications

Publication information for taxonomic names is not presented in this version of the Checklist because it has not been recorded consistently for all names in the PND, particularly synonyms of taxa that have not been treated recently. The addition of full publication information for each name is part of the ongoing work in the PND. Publication information that has been entered is accessible via the Ngā Tipu o Aotearoa – New

Zealand Plants website. We envisage that future versions of the Checklist will also contain publication information.

Biostatus Information

Biostatus information for each taxon is provided for the New Zealand political region. The biostatus information in the PND is primarily derived from published literature, but also includes status information based on herbarium records we have been able to verify (at the current time these are mainly specimens at the Allan Herbarium and Auckland War Memorial Museum Herbarium). The biostatus information is presented in two parts – occurrence and origin, which are subdivided into categories as follows:

Occurrence records the presence of the taxon in the NZ political region. Occurrence categories are:

Present: the taxon occurs in the NZ political region. Two subcategories are used:

Present in wild: the taxon has self-maintaining populations in the wild. Exotic taxa in this category are termed *fully naturalised*.

Sometimes present in wild: the taxon occurs only occasionally in the wild flora, or has been collected infrequently from the wild, or persists in the wild only for a short period, or only in the vicinity of cultivated/captive parents. Exotic taxa in this category are termed *casual*. Indigenous taxa in this category are sometimes termed *vagrant*.

Absent: the taxon is absent from the NZ political region. Only taxa in a single subcategory of absent are included in this checklist.

Extinct: the taxon is now presumed to be extinct in the NZ political region.

Origin records whether a taxon is indigenous or exotic in the NZ political region. It has the categories:

Indigenous: the taxon occurs naturally in the region. Two subcategories are used:

Endemic: the indigenous taxon only occurs naturally in the region.

Non-endemic: the indigenous taxon occurs naturally in this and other regions

Exotic: the taxon that has been accidentally or deliberately introduced into the region.

Uncertain: a taxon for which the biostatus has not yet been determined or coded.

Status of data

The PND is actively developed and improved by the staff at the Allan Herbarium and collaborators. Since the introduction of a highly structured taxonomic data-model, internal data inconsistencies can be more readily identified and corrected, but this process is ongoing. We would appreciate feedback on errors in the data. These can be sent to plantinfo@landcareresearch.co.nz.

New nomenclatural information based on scientific research is applied to the PND following the data quality standards that are provided in the About pages of Ngā Tipu o Aoteroa – New Zealand Plants website. Prior to being applied to the PND, the publications are reviewed for nomenclatural and scientific errors by the systematists within Manaaki Whenua – Landcare Research in collaboration with researchers throughout New Zealand and elsewhere. All taxonomic treatments are applied without prejudice unless there are serious scientific or nomenclatural errors or there are omissions that make the application of the treatment problematic. This approach does not require a consensus decision making process and therefore enables rapid adoption of new taxonomic work, but may result in the PND and Checklist not reflecting the taxonomic opinion of all contributors.

The data for this report was extracted from the PND on 1 September 2020.

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Statistics

The following tables provide summary statistics for the taxa included in this Checklist.

Table 1 provides a count of the number of taxa in the NZ hornwort, liverwort and moss flora at each taxonomic rank from class to forma. Species that contain subspecific taxa are counted once at species rank and each of the subspecific levels (e.g., *Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay will be counted as *Sematophyllum subhumile* at species rank and *Sematophyllum subhumile* var. *contiguum* at variety rank). By contrast, Table 2 includes only the counts of taxa at the rank of species and lower, and provides a count at only the lowest ranking taxa when there are subspecific taxa within a species (e.g., *Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay will only be counted at variety rank).

Tables 3 to 5 provide summaries based on the number of species in the New Zealand hornwort, liverwort and moss flora. Table 3 summarises the number of species by origin and occurrence categories, whilst Tables 4 and 5 list the most species rich families (Table 4) and genera (Table 5) overall and for three origin categories.

Table 1: Number of taxa in the New Zealand indigenous and naturalised flora at each taxonomic rank.

Taxonomic rank	Number of taxa
Class	9
Order	37
Family	133
Genus	387
Species	1217
Subspecies	26
Variety	155
Forma	2

Table 2: Number of distinct taxa at or below the rank of species for the indigenous and naturalised flora. Taxa with subspecific divisions are counted only at the lowest taxonomic rank.

Taxonomic rank	Number
Species	1118
Subspecies	24
Variety	155
Forma	2

Table 3: Number of species in the New Zealand indigenous and naturalised flora by origin and occurrence categories.

Origin	Wild	Total
Endemic	408	408
Non-endemic	763	763
Exotic	46	46
Total	1217	1217

Table 4: The ten largest families in the New Zealand hornwort, liverwort and moss flora by the number of species.

All species	Indigenous species	Endemic species	Exotic species
Lepidoziaceae (105)	Lepidoziaceae (105)	Lepidoziaceae (58)	Pottiaceae (9)
Lophocoleaceae (96)	Lophocoleaceae (96)	Lophocoleaceae (45)	Brachytheciaceae (8)
Lejeuneaceae (84)	Lejeuneaceae (84)	Lejeuneaceae (36)	Fissidentaceae; Ricciaceae (4)
Pottiaceae (66)	Pottiaceae (57)	Schistochilaceae (22)	Bryaceae; Ditrichaceae; Ephemeraceae (3)
Orthotrichaceae (39)	Orthotrichaceae (39)	Cephaloziellaceae (20)	Hylocomiaceae; Mielihoferiaceae (2)
Plagiochilaceae (35)	Plagiochilaceae (35)	Aneuraceae (17)	Amblystegiaceae; Aulacomniaceae; Climaciaceae; Dicranaceae; Funariaceae; Lunulariaceae; Meesiaceae; Sphagnaceae (1)
Cephaloziellaceae (34)	Cephaloziellaceae (34)	Orthotrichaceae (16)	
Aneuraceae; Bryaceae; Frullaniaceae; Schistochilaceae (31)	Aneuraceae; Frullaniaceae; Schistochilaceae (31)	Frullaniaceae (15)	
Dicranaceae (29)	Bryaceae; Dicranaceae (28)	Plagiochilaceae (14)	
Fissidentaceae (28)	Fissidentaceae (24)	Balantiopsidaceae; Pottiaceae (10)	

Table 5: The ten largest genera in the New Zealand hornwort, liverwort and moss flora by the number of species.

All species	Indigenous species	Endemic species	Exotic species
<i>Frullania</i> ; <i>Heteroscyphus</i> (31)	<i>Frullania</i> ; <i>Heteroscyphus</i> (31)	<i>Lepidozia</i> (16)	<i>Fissidens</i> ; <i>Riccia</i> ; <i>Tortula</i> (4)
<i>Fissidens</i> ; <i>Plagiochila</i> (28)	<i>Plagiochila</i> (28)	<i>Frullania</i> ; <i>Riccardia</i> (15)	<i>Brachythecium</i> ; <i>Bryum</i> ; <i>Eurhynchium</i> (3)
<i>Riccardia</i> (25)	<i>Riccardia</i> (25)	<i>Heteroscyphus</i> (14)	<i>Barbula</i> ; <i>Ephemerum</i> ; <i>Pohlia</i> ; <i>Rhytidiadelphus</i> (2)
<i>Bryum</i> ; <i>Chiloscyphus</i> ; <i>Lepidozia</i> (24)	<i>Chiloscyphus</i> ; <i>Fissidens</i> ; <i>Lepidozia</i> (24)	<i>Chiloscyphus</i> (13)	<i>Aulacomnium</i> ; <i>Calliergonella</i> ; <i>Chenia</i> ; <i>Climacium</i> ; <i>Dicranella</i> ; <i>Eccremidium</i> ; <i>Leptobryum</i> ; <i>Lunularia</i> ; <i>Micromitrium</i> ; <i>Physcomitrium</i> ; <i>Pseudephemerum</i> ; <i>Pseudocrossidium</i> ; <i>Pseudoscleropodium</i> ; <i>Pterygoneurum</i> ; <i>Scleropodium</i> ; <i>Sphagnum</i> ; <i>Trichodon</i> (1)
<i>Radula</i> (22)	<i>Radula</i> (22)	<i>Plagiochila</i> ; <i>Schistochila</i> (12)	
<i>Lejeunea</i> (18)	<i>Bryum</i> (21)	<i>Cephaloziella</i> (11)	
<i>Cephaloziella</i> (17)	<i>Lejeunea</i> (18)	<i>Lejeunea</i> (9)	
<i>Schistochila</i> (15)	<i>Cephaloziella</i> (17)	<i>Pachyschistochila</i> ; <i>Radula</i> (8)	
<i>Acrobolbus</i> (14)	<i>Schistochila</i> (15)	<i>Cololejeunea</i> ; <i>Macromitrium</i> ; <i>Neolepidozia</i> (7)	
<i>Andreaea</i> ; <i>Macromitrium</i> ; <i>Riccia</i> (13)	<i>Acrobolbus</i> (14)	<i>Orthotrichum</i> ; <i>Protolophozia</i> ; <i>Siphonolejeunea</i> (6)	

Hierarchical Checklist

* = exotic, naturalised; ? = occurrence uncertain; ⚭ = origin uncertain; † = presumed extinct; ζ = exotic, occasional ('casual'); otherwise indigenous (including both endemic or non-endemic to New Zealand.)

Phylum: Anthocerotophyta de Bary ex Jancz

Class: Anthocerotopsida

Subclass: Anthocerotidae Rosenv.

Order: Anthocerotales Limpr.

Family: Anthocerotaceae Dumort.

Anthoceros L.

Anthoceros laminiferus Steph.

Anthoceros muscoides Colenso

= *Anthoceros helmsii* Steph.

Subclass: Dendrocerotidae R.J.Duff

Order: Dendrocerotales Hässel

Family: Dendrocerotaceae J.Haseg.

Dendroceros Nees

Dendroceros granulatus Mitt.

= *Dendroceros nodulosus* Steph.

= *Dendroceros megasporus* Herzog

Dendroceros validus Steph.

= *Dendroceros allisonii* Herzog

Megaceros Campb.

Megaceros denticulatus (Lehm.) Steph.

= *Anthoceros denticulatus* Lehm.

Megaceros leptohymenius (Hook.f. & Taylor) Steph.

= *Monoclea leptohymenia* Hook.f. & Taylor

= *Anthoceros nostocoides* Pearson

Megaceros pellucidus (Colenso) E.A.Hodgs.

= *Anthoceros pellucidus* Colenso

= *Megaceros longispirus* (Carrington & Pearson) Steph.; *Anthoceros longispirus* Carrington & Pearson

= *Megaceros membranaceus* (Colenso) E.A.Hodgs.; *Anthoceros membranaceus* Colenso

= *Anthoceros granulatus* Colenso

= *Anthoceros arachnoideus* Steph.

= *Megaceros arachnoideus* Steph.

Nothoceros (R.M.Schust.) J.Haseg.

= *Megaceros* subgen. *Nothoceros* R.M.Schust.

Nothoceros giganteus (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar

= *Dendroceros giganteus* (Lehm. & Lindenb.) Prosk.; *Megaceros giganteus* (Lehm. & Lindenb.) Steph.; *Anthoceros giganteus* Lehm. & Lindenb.

= *Anthoceros colensoi* Mitt.

Phaeomegaceros R.J.Duff, J.C.Villarreal, Cargill & Renzaglia

Phaeomegaceros coriaceus (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia

= *Phaeoceros coriaceus* (Steph.) E.O.Campb.; *Anthoceros coriaceus* Steph.; *Paraphymatoceros coriaceus* (Steph.) Stotler

Phaeomegaceros hirticalyx (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia

= *Phaeoceros hirticalyx* (Steph.) Haseg.; *Anthoceros hirticalyx* (Steph.) Meijer; *Aspiromitus hirticalyx* Steph.; *Paraphymatoceros hirticalyx* (Steph.) Stotler

Subclass: Notothylatidae R.J.Duff

Order: Notothyladales Hyvönen & Piippo

Family: Notothyladaceae Müll.Frib. ex Prosk.

Phaeoceros Prosk.

Phaeoceros carolinianus (Michx.) Prosk.

= *Anthoceros carolinianus* Michx.; *Phaeoceros laevis* subsp. *carolinianus* (Michx.) Prosk.

= *Anthoceros affinis* Schiffn.

Phaeoceros delicatus E.O.Campb. & Outred

Phylum: Bryophyta Schimp.

Class: Andreopsida Rothm.

Order: Andreaeales

Family: Andreaeaceae Dumort.

Andreaea Hedw.

Andreaea acuminata Mitt.

= *Andreaea acutifolia* subsp. *acuminata* (Mitt.) Vitt

Andreaea acutifolia Hook.f. & Wilson
Andreaea alpina Hedw.
Andreaea amblyophylla Müll.Hal. ex. Broth.
Andreaea australis F.Muell. ex Mitt.
Andreaea flabellata Müll.Hal.
Andreaea flexuosa R.Br.bis
Andreaea heinemannii Hampe & Müll.Hal.
Andreaea huttonii R.Br.bis
Andreaea microvaginata Müll.Hal.
Andreaea mutabilis Hook.f. & Wilson
= *Andreaea schimperi* Dixon
Andreaea nitida Hook.f. & Wilson
= *Andreaea cochlearifolia* Beckett
= *Andreaea ovalifolia* R.Br.bis
Andreaea subulata Harv.

Class: Bryopsida Rothm.

Subclass: Bryidae Engl.

Order: Bartramiiales D.Quandt, N.E.Bell & Stech

Family: Bartramiaceae Schwägr.

Bartramia Hedw.

Bartramia alaris Dixon & Sainsbury
Bartramia crassinervia Mitt.
Bartramia mossmaniana Müll.Hal.
= *Bartramia beckettii* Müll.Hal.

Bartramia papillata Hook.f. & Wilson
Bartramia robusta Hook.f. & Wilson

Breutelia (Bruch & Schimp.) Schimp.

Breutelia affinis (Hook.) Mitt.
= *Bartramia affinis* Hook.
= *Bartramia revisa* R.Br.bis

Breutelia elongata (Hook.f. & Wilson) Mitt.

= *Hypnum elongatum* Hook.f. & Wilson
= *Bartramia crassa* Hook.f. & Wilson; *Breutelia crassa* (Hook.f. & Wilson) A.Jaeger

Breutelia pendula (Sm.) Mitt.

= *Mnium pendulum* Sm.
= *Hypnum consimile* Hook.f. & Wilson
= *Bartramia sieberi* Hornsch. ex Müll.Hal.
= *Bartramia comosa* Mitt.
= *Bartramia divaricata* Mitt.
= *Bartramia readeriana* Colenso

Conostomum Sw.

Conostomum curvirostrum (Mitt.) Mitt.
= *Bartramia curvirostra* Mitt.

Conostomum pentastichum (Brid.) Lindb.
= *Bartramia pentasticha* Brid.
= *Conostomum australe* Sw.
= *Conostomum giganteum* E.B.Bartram & Dixon

Conostomum pusillum Hook.f. & Wilson
= *Conostomum bellii* R.Br.bis
= *Conostomum macrocarpum* R.Br.bis

Conostomum pusillum var. *otagoensis* Fife

Conostomum pusillum Hook.f. & Wilson var. *pusillum*

Philonotis Brid.

Philonotis pyriformis (R.Br.bis) Wijk & Margad.
= *Bartramia pyriforma* R.Br.bis
= *Philonotis australis* A.Jaeger
= *Philonotis australis* var. *surguligera* Dixon
= *Meesia novae-zealandiae* Dixon & Sainsbury

Philonotis scabrifolia (Hook.f. & Wilson) Braithw.

= *Hypnum scabrifolium* Hook.f. & Wilson
= *Bartramia appressa* Hook.f. & Wilson

Philonotis tenuis (Taylor) Reichardt

= *Bartramia tenuis* Taylor
= *Bartramia erwinii* R.Br.bis
= *Bartramia hapuka* R.Br.bis
= *Bartramia joycei* R.Br.bis
= *Bartramia ovalitheca* R.Br.bis
= *Bartramia turneri* R.Br.bis

Plagiopus Brid.

Plagiopus oederiana (Sw.) H.A.Crum & L.E.Anderson

= *Bartramia oederiana* Sw.

Order: *Bryales* Limpr.

Family: *Bryaceae* Rchb.

Bryum Hedw.

Bryum algovicum Müll.Hal.

Bryum algovicum var. *rutheanum* (Warnst.) Crundw.

- ≡ *Bryum pendulum* var. *rutheanum* Warnst.
- = *Bryum pendulum* (Hornsch.) Schimp.
- = *Bryum cuneatum* R.Br.bis

Bryum amblyodon Müll.Hal.

- = *Bryum inclinatum* (Brid.) Blandow
- = *Bryum stenotrichum* Müll.Hal.

Bryum appressifolium Broth.

- = *Bryum buchananii* R.Br.bis

Bryum argenteum Hedw.

Bryum caespiticium Hedw.

- ≡ *Gemmabryum caespiticium* (Hedw.) J.R.Spence
- = *Bryum austrobimum* Broth.; *Bryum caespiticium* var. *austrobimum* (Broth.) Sainsbury
- = *Bryum cylindrothecium* R.Br.bis; *Ptychostomum cylindrothecium* (R.Br.bis) J.R.Spence & H.P.Ramsay
- = *Bryum torlessense* R.Br.bis

Bryum clavatum (Schimp.) Müll.Hal.

- ≡ *Pohlia clavata* Schimp.; *Gemmabryum clavatum* (Schimp.) J.R.Spence & H.P.Ramsay; *Imbriobryum clavatum* (Schimp.) J.R.Spence & H.P.Ramsay
- = *Bryum clavatum* var. *extenuatum* Hook.f. & Wilson; *Bryum curvicollum* var. *extenuatum* (Hook.f. & Wilson) Hook.f.
- = *Bryum erythrocarpoides* Müll.Hal. & Hampe
- = *Bryum curvicollum* Mitt.
- = *Bryum varians* Müll.Hal.
- = *Bryum laevigatulum* Broth.
- = *Bryum levieri* Müll.Hal.
- = *Bryum macroerythrocarpum* Müll.Hal.
- = *Bryum gracilithecium* R.Br.bis
- = *Bryum hapukaense* R.Br.bis
- = *Bryum heterofolium* R.Br.bis
- = *Bryum kirkii* R.Br.bis
- = *Bryum linearifolium* R.Br.bis
- = *Bryum macrocarpum* R.Br.bis
- = *Bryum ventricosum* R.Br.bis
- = *Bryum webbianum* R.Br.bis
- = *Bryum schauinslandii* Müll.Hal.
- = *Bryum foresteri* R.Br.bis
- = *Bryum luteolimbatum* Broth.

Bryum coronatum Schwägr.

- ≡ *Gemmabryum coronatum* (Schwägr.) J.R.Spence & H.P.Ramsay
- = *Bryum pachytheca* Müll.Hal.; *Gemmabryum pachythecum* (Müll.Hal.) J.R.Spence & H.P.Ramsay
- = *Bryum otahapaense* R.Br.bis
- = *Bryum triangularifolium* R.Br.bis

Bryum crassum Hook.f. & Wilson

- ≡ *Gemmabryum crassum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay; *Imbriobryum crassum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay

Bryum creberrimum Taylor

- ≡ *Ptychostomum creberrimum* (Taylor) J.R.Spence & H.P.Ramsay
- = *Bryum austropallescens* Broth.

Bryum dichotomum Hedw.

- ≡ *Gemmabryum dichotomum* (Hedw.) J.R.Spence & H.P.Ramsay
- = *Bryum kirkii* Broth.
- = *Bryum ovalicarpum* R.Br.bis
- = *Bryum ovatocarpum* R.Br.bis
- = *Bryum ovatothecium* R.Br.bis
- = *Bryum petriei* R.Br.bis
- = *Bryum waikariense* R.Br.bis
- = *Bryum webbii* R.Br.bis
- = *Bryum urceolatum* Schimp.

Bryum duriusculum Hook.f. & Wilson

- = *Bryum bellii* Müll.Hal.
- = *Bryum malacodictyon* Müll.Hal.

Bryum funkii Schwägr.

- ≡ *Ptychostomum funkii* (Schwägr.) J.R.Spence

Bryum harriottii R.Br.bis

- ≡ *Anomobryum harriottii* (R.Br.bis) Dixon
- = *Anomobryum densum* Dixon

Bryum laevigatum Hook.f. & Wilson

- ≡ *Gemmabryum laevigatum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay; *Imbriobryum laevigatum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay
- = *Bryum incurvifolium* Müll.Hal.
- = *Bryum crassinerve* Hook.f. & Wilson
- = *Bryum eximium* Mitt.
- = *Bryum megamorphum* Müll.Hal.; *Webera megamorpha* (Müll.Hal.) Paris
- = *Bryum huttonii* R.Br.bis
- = *Bryum traillii* R.Br.bis

Bryum mucronatum Mitt.

Bryum pallescens Schwägr.

- ≡ *Ptychostomum pallescens* (Schwägr.) J.R.Spence
- = *Bryum thomasii* R.Br.bis

Bryum preissianum Hampe

≡ *Brachymenium preissianum* (Hampe) A.Jaeger; *Gemmabryum preissianum* (Hampe) J.R.Spence & H.P.Ramsay
= *Brachymenium coarctatum* Hook.f.

Bryum pseudotriquetrum (Hedw.) P.Gaertn., E. Meyer & Scherb.

≡ *Mnium pseudotriquetrum* Hedw.; *Ptychostomum pseudotriquetrum* (Hedw.) J.R.Spence & H.P.Ramsay
= *Bryum maudii* R.Br.bis
= *Bryum obesothecium* R.Br.bis

Bryum radiculosum Brid.

≡ *Gemmabryum radiculosum* (Brid.) J.R.Spence & H.P.Ramsay

**Bryum rubens* Mitt.

≡ *Gemmabryum rubens* (Mitt.) J.R.Spence & H.P.Ramsay; *Rosulabryum rubens* (Mitt.) J.R.Spence

**Bryum ruderale* Crundw. & Nyholm

≡ *Gemmabryum ruderale* (Crundw. & Nyholm) J.R.Spence

Bryum sauteri Bruch & Schimp.

≡ *Gemmabryum sauteri* (Bruch & Schimp.) J.R.Spence & H.P.Ramsay
= *Bryum gibsonii* R.Br.bis

Bryum tenuidens Dixon & Sainsbury

**Bryum tenuisetum* Limpr.

≡ *Gemmabryum tenuisetum* (Limpr.) J.R.Spence & H.P.Ramsay

Plagiobryum Lindb.

Plagiobryum novae-seelandiae Broth.

Rosulabryum J.R.Spence

Rosulabryum billardierei (Schwägr.) J.R.Spence

≡ *Bryum billardierei* Schwägr.

Rosulabryum campylothecium (Taylor) J.R.Spence

≡ *Bryum campylothecium* Taylor

Rosulabryum capillare (Hedw.) J.R.Spence

≡ *Bryum capillare* Hedw.
= *Bryum searllii* R.Br.bis

Rosulabryum microrhodon (Müll.Hal.) J.R.Spence

= *Bryum microrhodon* Müll.Hal.

Rosulabryum perlimbatum (Cardot) Ochyra

≡ *Bryum perlimbatum* Cardot
= *Rosulabryum perlimbatum* J.R.Spence & H.P.Ramsay

Rosulabryum subtomentosum (Hampe) J.R.Spence

≡ *Rhodobryum subtomentosum* Hampe; *Bryum subtomentosum* (Hampe) Mitt.
= *Bryum leptothecium* Taylor
= *Bryum gracilicarpum* R.Br.bis
= *Bryum billardierei* var. *platyloma* Mohamed

Family: Leptostomataceae Schwägr.

Leptostomum R.Br.

Leptostomum inclinans R.Br.

= *Leptostomum gracile* R.Br.

Leptostomum macrocarpon (Hedw.) Bach.Pyl.

≡ *Bryum macrocarpon* Hedw.

Family: Mielichhoferiaceae Schimp.

Epipterygium Lindb.

Epipterygium opararensense Fife & A.J.Shaw

= *Epipterygium obovatum* Ochyra

Mielichhoferia Nees & Hornsch.

= *Schizymenium* Harv.

Mielichhoferia bryoides (Harv.) Wijk & Margad.

≡ *Schizymenium bryoides* Harv.
= *Mielichhoferia ecklonii* Hornsch.
= *Mielichhoferia australis* Hampe
= *Mielichhoferia tenuiseta* Mitt.
= *Mielichhoferia buchananii* R.Br.bis

Ochiobryum J.R.Spence & H.P.Ramsay

Ochiobryum blandum (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay

≡ *Bryum blandum* Hook.f. & Wilson
= *Bryum blandum* var. *luridum* Hook.f. & Wilson
= *Calliergon laxirete* Zanten & J.K.Bartlett

Pohlia Hedw.

= *Mniobryum* Limpr.

**Pohlia annotina* (Hedw.) Lindb.

≡ *Bryum annotinum* Hedw.

Pohlia australis A.J.Shaw & Fife

**Pohlia camptotrachela* (Renauld & Cardot) Broth.

≡ *Webera camptotrachela* Renauld & Cardot

Pohlia cruda (Hedw.) Lindb.

≡ *Mnium crudum* Hedw.

Pohlia elongata Hedw.

= *Pohlia novae-seelandiae* Dixon

Pohlia nutans (Hedw.) Lindb.

- ≡ *Webera nutans* Hedw.
- = *Bryum bealeyensis* R.Br.bis
- = *Webera elatior* Dixon & Sainsbury; *Pohlia elatior* (Dixon & Sainsbury) Sainsbury

Pohlia ochii Vitt

Pohlia tenuifolia (A.Jaeger) Broth.

- ≡ *Bryum tenuifolium* Hook.f. & Wilson; *Webera tenuifolia* A.Jaeger
- = *Bryum calcareum* R.Br.bis

Pohlia wahlenbergii (F.Weber & D.Mohr) A.L.Andrews

- ≡ *Hypnum wahlenbergii* F.Weber & D.Mohr; *Webera wahlenbergii* (F.Weber & D.Mohr) Fűrnr.
- = *Pohlia albicans* Lindb.
- = *Bryum binnsii* R.Br.bis

Family: Mniaceae Schwägr.

Plagiomnium T.J.Kop.

Plagiomnium novae-zealandiae (Colenso) T.J.Kop.

- ≡ *Mnium novae-zealandiae* Colenso
- = *Mnium xanthocarpum* Colenso

Family: Pulchrinodaceae D.Quandt, N.E.Bell & M.Stech

Pulchrinodus B.H.Allen

Pulchrinodus inflatus (Hook.f. & Wilson) B.H.Allen

- ≡ *Hypnum inflatum* Hook.f. & Wilson; *Eucamptodon inflatus* (Hook.f. & Wilson) Mitt.
- = *Eucamptodon inflatus* var. *neocaldonicus* Cardot

Order: Hedwigiales Ochyra

Family: Hedwigiaceae Schimp.

Hedwigia P.Beauv.

Hedwigia ciliata (Hedw.) P.Beauv.

- ≡ *Anictangium ciliatum* Hedw.
- = *Pilotrichum microcyatheum* Müll.Hal.; *Hedwigia microcyathea* (Müll.Hal.) Paris
- = *Hedwigia albicans* Lindb.

Hedwigidium Bruch & Schimp.

Hedwigidium integrifolium (P.Beauv.) C.E.O.Jensen

- ≡ *Hedwigia integrifolia* P.Beauv.
- = *Braunia novae-seelandiae* Beckett

Family: Rhacocarpaceae Kindb.

Rhacocarpus Lindb.

Rhacocarpus purpurascens (Brid.) Paris

- ≡ *Hypnum purpurascens* Brid.
- = *Anictangium humboldtii* Hook.; *Hedwigia humboldtii* (Hook.) Hook.; *Rhacocarpus humboldtii* (Hook.) Lindb.
- = *Anoetangium humboldtii* var. *australe* Hook.f. & Wilson; *Hedwigia humboldtii* var. *australis* (Hook.f. & Wilson) Hook.f. & Wilson

Order: Hookeriales M.Fleisch.

Family: Daltoniaceae Schimp.

Achrophyllum Vitt & Crosby

- = *Hepaticina* Müll.Hal.

Achrophyllum dentatum (Hook.f. & Wilson) Vitt & Crosby

- ≡ *Hookeria dentata* Hook.f. & Wilson; *Pterygophyllum dentatum* (Hook.f. & Wilson) Dixon
- = *Hookeria denticulata* Hook.f. & Wilson
- = *Hookeria nigella* Hook.f. & Wilson; *Pterygophyllum nigellum* (Hook.f. & Wilson) Mitt.
- = *Hookeria robusta* Hook.f. & Wilson; *Pterygophyllum robustum* (Hook.f. & Wilson) A.Jaeger; *Pterygophyllum dentatum* var. *robustum* (Hook.f. & Wilson) Dixon
- = *Hookeria macroneura* Colenso
- = *Hookeria pseudopetiolata* Colenso
- = *Hepaticina cyclophylla* Müll.Hal.; *Pterygophyllum cyclophyllum* Broth.
- = *Hepaticina nanocaulis* Müll.Hal.; *Pterygophyllum nanocaulis* Broth.
- = *Hepaticina pseudo-obscura* Müll.Hal.; *Pterygophyllum pseudo-obscurum* Broth.

Achrophyllum quadrifarium (Sm.) Vitt & Crosby

- ≡ *Hookeria quadrifaria* Sm.; *Leskea quadrifaria* (Sm.) Schwägr.; *Pterygophyllum quadrifarium* (Sm.) Brid.; *Mniadelphus quadrifarius* (Sm.) Müll.Hal.
- = *Hookeria luteovirens* Colenso
- = *Hookeria atrovirens* Colenso
- = *Hookeria sexfaria* Colenso
- = *Pterygophyllum quadrifarium* f. *marginata* Sainsbury

Beeveria Fife

Beeveria distichophylloides (Broth. & Dixon) Fife

- ≡ *Pterygophyllum distichophylloides* Broth. & Dixon
- = *Pterygophyllum colensoi* Broth. ex Dixon

Calyptrochaeta Desv.

- ≡ *Chaetephora* Brid.
- = *Eriopus* Brid.

Calyptrochaeta apiculata (Hook.f. & Wilson) Vitt

- ≡ *Hookeria apiculata* Hook.f. & Wilson; *Eriopus apiculatus* (Hook.f. & Wilson) Mitt.
- = *Eriopus tasmanicus* Broth.; *Calyptrochaeta apiculata* var. *tasmanica* (Broth.) Fife
- = *Distichophyllum platyloma* Müll.Hal.

Calypstrochaeta brownii (Dixon) J.K.Bartlett

≡ *Eriopus brownii* Dixon

Calypstrochaeta cristata (Hedw.) Desv.

≡ *Leskea cristata* Hedw.; *Hookeria cristata* (Hedw.) Hook. & Grev.; *Eriopus cristatus* (Hedw.) Brid.
= *Eriopus jelinekii* Müll.Hal.
= *Hookeria lophophora* Colenso

Calypstrochaeta flexicollis (Mitt.) Vitt

≡ *Hookeria flexicollis* Mitt.; *Eriopus flexicollis* (Mitt.) A.Jaeger
= *Eriopus brassii* E.B.Bartram; *Calypstrochaeta brassii* (E.B.Bartram) Streimann

Crosbya Vitt

≡ *Bellia* Broth.

Crosbya nervosa (Hook.f. & Wilson) Vitt

≡ *Hookeria nervosa* Hook.f. & Wilson; *Daltonia nervosa* (Hook.f. & Wilson) Hampe; *Bellia nervosa* (Hook.f. & Wilson) Broth.
= *Bellia crumii* Vitt

Crosbya straminea (Beckett) Vitt

≡ *Daltonia straminea* Beckett; *Bellia straminea* (Beckett) Broth.

Daltonia Hook. & Taylor

Daltonia splachnoides (Sm.) Hook. & Taylor

≡ *Neckera splachnoides* Sm.
= *Daltonia novae-zelandiae* Mitt.

Distichophyllum Dozy & Molk.

= *Mniadelphus* Müll.Hal.

Distichophyllum crispulum (Hook.f. & Wilson) Mitt.

≡ *Hookeria crispula* Hook.f. & Wilson; *Mniadelphus crispulus* (Hook.f. & Wilson) Müll.Hal.

Distichophyllum crispulum var. *adnatum* (Hook.f. & Wilson) Dixon

≡ *Hookeria adnata* Hook.f. & Wilson; *Mniadelphus adnatus* (Hook.f. & Wilson) Reichardt; *Distichophyllum adnatum* (Hook.f. & Wilson) Broth.
= *Distichophyllum integerrimum* Müll.Hal.

Distichophyllum crispulum (Hook.f. & Wilson) Mitt. var. *crispulum*

Distichophyllum microcarpum (Hedw.) Mitt.

≡ *Hypnum microcarpum* Hedw.; *Pterygophyllum microcarpum* (Hedw.) Brid.; *Mniadelphus microcarpus* (Hedw.) Müll.Hal.
= *Hookeria sciadophila* Colenso
= *Hookeria maculata* Colenso
= *Distichophyllum microcarpum* var. *homodictyon* Sainsbury

Distichophyllum pulchellum (Hampe) Mitt.

≡ *Hookeria pulchella* Hook.f. & Wilson; *Mniadelphus pulchellus* Hampe
= *Hookeria amblyophylla* Hook.f. & Wilson; *Distichophyllum amblyophyllum* (Hook.f. & Wilson) Mitt.
= *Hookeria sinuosa* Hook.f. & Wilson
= *Mniadelphus kraussei* Lorentz; *Distichophyllum kraussei* (Lorentz) Mitt.
= *Hookeria flava* Colenso; *Pterygophyllum flavum* (Colenso) Paris
= *Distichophyllum pulchellum* var. *parvirete* Sainsbury
= *Distichophyllum pulchellum* var. *ellipticifolium* Sainsbury
= *Distichophyllum fuegianum* Matteri

Distichophyllum rotundifolium (Hook.f. & Wilson) Müll.Hal. & Broth.

≡ *Hookeria rotundifolia* Hook.f. & Wilson; *Mniadelphus rotundifolius* (Hook.f. & Wilson) Müll.Hal.
= *Hookeria trichophora* Colenso
= *Distichophyllum crenulatum* Müll.Hal.

Ephemeropsis K.I.Goebel

= *Archephemeropsis* Renner

Ephemeropsis trentepohlioides (Renner) Sainsbury

≡ *Archephemeropsis trentepohlioides* Renner

Family: Hypopterygiaceae Mitt.

Canalohypopterygium W.Frey & Schaepe

Canalohypopterygium tamariscinum (Hedw.) Kruijer

≡ *Leskea tamariscina* Hedw.
= *Hypnum setigerum* P.Beauv.; *Hypopterygium setigerum* (P.Beauv.) Hook.f. & Wilson
= *Hypopterygium commutatum* Müll.Hal.; *Canalohypopterygium commutatum* (Müll.Hal.) W.Frey & A.Schaepe
= *Hypopterygium elegantulum* Colenso

Catharomnion Hook.f. & Wilson

Catharomnion ciliatum (Hedw.) Hook.f. & Wilson

≡ *Pterigynandrum ciliatum* Hedw.

Cyathophorum P.Beauv.

Cyathophorum bulbosum (Hedw.) Müll.Hal.

≡ *Anictangium bulbosum* Hedw.; *Hedwigia bulbosa* (Hedw.) Brid.; *Anoetangium bulbosum* (Hedw.) Schwaegr.
= *Leskea pennata* Labill.; *Hookeria pennata* (Labill.) Sm.; *Cyathophorum pennatum* (Labill.) Brid.
= *Hookeria pennata* var. *minor* Hook.f. & Wilson; *Cyathophorum pennatum* var. *minus* (Hook.f. & Wilson) Wilson; *Cyathophorum bulbosum* var. *minus* (Hook.f. & Wilson) Paris

Dendrohypopterygium Kruijer

= *Arbusculohypopterygium* (Brid.) M.Stech., T. Pfeiff & W.Frey

Dendrohypopterygium filiculiforme (Hedw.) Kruijer

≡ *Leskea filiculaeformis* Hedw.; *Hypopterygium filiculaeforme* (Hedw.) Brid.

Hypopterygium Brid.

Hypopterygium didictyon Müll.Hal.

= *Hypopterygium novae-seelandiae* Müll.Hal.
= *Hypopterygium smithianum* Hook.f. & Wilson
= *Hypopterygium glaucum* Sull.; *Hypopterygium novae-seelandiae* var. *glaucum* (Sull.) Dixon; *Hypopterygium novae-seelandiae* f. *glaucum* (Sull.) Vitt

Hypopterygium tamarisci (Sw.) Brid. ex Müll.Hal.

- ≡ *Hypnum tamarisci* Sw.
- = *Hypopterygium viridulum* Mitt.
- = *Pterobryon muelleri* (Hampe) Mitt.

Lopidium Hook.f. & Wilson

Lopidium concinnum (Hook.) Hook.f. & Wilson

- ≡ *Leskea concinna* Hook.; *Hypopterygium concinnum* (Hook.) Brid.
- = *Lopidium pallens* Hook.f. & Wilson

Family: Pilotrichaceae Kindb.

Cyclodictyon Mitt.

Cyclodictyon blumeanum (Müll.Hal.) Kuntze

- ≡ *Hookeria blumeana* Müll.Hal.

Family: Saulomataceae W.R.Buck, C.J.Cox, A.J.Shaw & Goffinet

Sauloma (Hook.f. & Wilson) Mitt.

- ≡ *Hookeria* sect. *Sauloma* Hook.f. & Wilson

Sauloma tenella (Hook.f. & Wilson) Mitt.

- ≡ *Hookeria tenella* Hook.f. & Wilson
- = *Sauloma macrospora* Sainsbury

Order: Hypnales (M.Fleisch.) W.R.Buck & Vitt

Family: Amblystegiaceae Kindb.

Amblystegium Schimp.

Amblystegium serpens (Hedw.) Schimp.

- ≡ *Hypnum serpens* Hedw.

Amblystegium varium (Hedw.) Lindb.

- ≡ *Leskea varia* Hedw.; *Orthotheciella varia* (Hedw.) Ochyra

Calliergon (Sull.) Kindb.

- ≡ *Hypnum* sect. *Calliergon* Sull.

Calliergon richardsonii (Mitt.) Kindb. ex G.Roth

- ≡ *Stereodon richardsonii* Mitt.
- = *Calliergon subpappilosum* Karczm.

**Calliergonella* Loeske

**Calliergonella cuspidata* (Hedw.) Loeske

- ≡ *Hypnum cuspidatum* Hedw.; *Acrocladium cuspidatum* (Hedw.) Lindb.; *Calliergon cuspidatum* (Hedw.) Kindb.

Campyliadelphus (Kindb.) R.S.Chopra

Campyliadelphus polygamus (Schimp.) Kanda

- ≡ *Amblystegium polygamum* Schimp.; *Campylium polygamum* (Schimp.) C.E.O.Jensen; *Drepanocladus polygamus* (Schimp.) Hedenäs
- = *Hypnum nodiflorum* Wilson

Campyliadelphus stellatus (Hedw.) Kanda

- ≡ *Hypnum stellatum* Hedw.; *Campylium stellatum* (Hedw.) C.E.O.Jensen

Cratoneuron (Sull.) Spruce

Cratoneuron filicinum (Hedw.) Spruce

- ≡ *Hypnum filicinum* Hedw.; *Amblystegium filicinum* (Hedw.) De Not.

Cratoneuropsis (Broth.) M.Fleisch.

- = *Hypnobartlettia* Ochyra

Cratoneuropsis relaxa (Hook.f. & Wilson) M.Fleisch.

- ≡ *Hypnum relaxum* Hook.f. & Wilson; *Campylium relaxum* (Hook.f. & Wilson) Broth.
- = *Hypnum decussatum* Hook.f. & Wilson; *Campylium decussatum* (Hook.f. & Wilson) Broth.; *Cratoneuropsis decussata* (Hook.f. & Wilson) M.Fleisch. ex Broth.
- = *Sciaromium bellii* Broth.
- = *Hypnobartlettia fontana* Ochyra

Drepanocladus (Müll.Hal.) G.Roth

Drepanocladus aduncus (Hedw.) Warnst.

- ≡ *Hypnum aduncum* Hedw.
- = *Hypnum polycarpon* Voit; *Drepanocladus polycarpos* (Voit) Warnst.

Drepanocladus brachiatus (Mitt.) Dixon

- ≡ *Hypnum brachiatum* Mitt.; *Amblystegium brachiatum* (Mitt.) Broth.

Leptodictyum (Schimp.) Warnst.

- ≡ *Amblystegium* subgen. *Leptodictyum* Schimp.

Leptodictyum riparium (Hedw.) Warnst.

- ≡ *Hypnum riparium* Hedw.; *Amblystegium riparium* (Hedw.) Schimp.
- = *Amblystegium riparium* var. *debilinerve* Dixon & Sainsbury

Sanionia Loeske

- ≡ *Drepanocladus* sect. *Sanionia* (Loeske) Broth.

Sanionia uncinata (Hedw.) Loeske

- ≡ *Hypnum uncinatum* Hedw.; *Drepanocladus uncinatus* (Hedw.) Warnst.

Scorpidium (Schimp.) Limpr.

Scorpidium cossonii (Schimp.) Hedenäs

- ≡ *Hypnum cossonii* Schimp.; *Drepanocladus cossonii* (Schimp.) Loeske; *Limprichtia cossonii* (Schimp.) L.E.Anderson, H.A.Crum & W.R.Buck
- = *Amblystegium intermedium* Lindb.; *Drepanocladus revolvens* subsp. *intermedius* (Lindb.) Grout

Straminergon Hedenäs

Straminergon stramineum (Brid.) Hedenäs

- ≡ *Hypnum stramineum* Brid.; *Calliergon stramineum* (Brid.) Kindb.

Warnstorfia Loeske

Warnstorfia fluitans (Hedw.) Loeske

≡ *Hypnum fluitans* Hedw.; *Drepanocladus fluitans* (Hedw.) Warnst.

Warnstorfia sarmentosa (Wahlenb.) Hedenäs

≡ *Hypnum sarmentosum* Wahlenb.; *Calliergon sarmentosum* (Wahlenb.) Kindb.; *Acrocladium sarmentosum* (Wahlenb.) P.W.Richards & E.C.Wallace; *Sarmentypnum sarmentosum* (Wahlenb.) Tuom. & T.J.Kop.

Family: Anomodontaceae Kindb.

Haplohymenium Dozy & Molk.

Haplohymenium pseudotriste (Müll.Hal.) Broth.

≡ *Hypnum pseudotriste* Müll.Hal.; *Anomodon pseudotristis* (Müll.Hal.) Kindb.
= *Anomodon huttonii* Mitt.; *Haplohymenium huttonii* (Mitt.) Broth.

Family: Brachytheciaceae Schimp.

Brachythecium Schimp.

**Brachythecium albicans* (Hedw.) Schimp.

≡ *Hypnum albicans* Hedw.; *Chamberlainia albicans* (Hedw.) H.Rob.

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

≡ *Hypnum rutabulum* var. *campestre* Müll.Hal.
= *Brachythecium subpilosum* var. *angustifolium* Allison; *Brachythecium allisonii* Fife

Brachythecium fontanum Fife

Brachythecium paradoxum (Hook.f. & Wilson) A.Jaeger

≡ *Hypnum paradoxum* Hook.f. & Wilson

Brachythecium plumosum (Hedw.) Schimp.

≡ *Hypnum plumosum* Hedw.

Brachythecium rutabulum (Hedw.) Schimp.

≡ *Hypnum rutabulum* Hedw.

Brachythecium salebrosum (F.Weber & D.Mohr) Schimp.

≡ *Hypnum salebrosum* F.Weber & D.Mohr

**Brachythecium velutinum* (Hedw.) Schimp.

≡ *Hypnum velutinum* Hedw.

Eriodon Mont.

Eriodon cylindritheca (Dixon) Dixon & Sainsbury

≡ *Rhynchostegium cylindritheca* Dixon

Eurhynchium Schimp.

Eurhynchium asperipes (Mitt.) Dixon

≡ *Hypnum asperipes* Mitt.

**Eurhynchium praelongum* (Hedw.) Schimp.

≡ *Hypnum praelongum* Hedw.; *Oxyrrhynchium praelongum* (Hedw.) Warnst.; *Stokesiella praelonga* (Hedw.) H.Rob.; *Kindbergia praelonga* (Hedw.) Ochyra

**Eurhynchium pulchellum* (Hedw.) Jenn.

≡ *Hypnum pulchellum* Hedw.

**Eurhynchium speciosum* (Brid.) Jur.

≡ *Hypnum speciosum* Brid.; *Oxyrrhynchium speciosum* (Brid.) Warnst.
= *Hypnum trachypelma* Müll.Hal.
= *Eurhynchium ellipticifolium* Dixon & Sainsbury

Palamocladium Müll.Hal.

≡ *Pleuropus* Griff.

Palamocladium leskeoides (Hook.) E.Britton

≡ *Hookeria leskeoides* Hook.
= *Isothecium nilgheriense* Mont.; *Palamocladium nilgheriense* (Mont.) Müll.Hal.
= *Hypnum macrostegium* Sull. & Lesq.; *Palamocladium macrostegium* (Sull. & Lesq.) Z.Iwats. & Takaki
= *Astrodonium sericeum* A.Jaeger; *Palamocladium sericeum* (A.Jaeger) Müll.Hal.

Platyhypnidium M.Fleisch.

Platyhypnidium austrinum (Hook.f. & Wilson) M.Fleisch.

≡ *Hypnum austrinum* Hook.f. & Wilson; *Eurhynchium austrinum* (Hook.f. & Wilson) A.Jaeger; *Oxyrrhynchium austrinum* (Hook.f. & Wilson) Broth.

**Pseudoscleropodium* (Limpr.) M.Fleisch.

≡ *Scleropodium* sect. *Pseudoscleropodium* Limpr.

**Pseudoscleropodium purum* (Hedw.) M.Fleisch.

≡ *Hypnum purum* Hedw.; *Brachythecium purum* (Hedw.) Dixon; *Scleropodium purum* (Hedw.) Limpr.

Rhynchostegium Schimp.

Rhynchostegium laxatum (Mitt.) Paris

≡ *Hypnum laxatum* Mitt.
= *Hypnum elusum* Mitt.
= *Rhynchostegium peracuminatum* Dixon & Sainsbury

Rhynchostegium muriculatum (Hook.f. & Wilson) Reichardt

≡ *Hypnum muriculatum* Hook.f. & Wilson; *Eurhynchium muriculatum* (Hook.f. & Wilson) A.Jaeger; *Rhynchostegiella muriculata* (Hook.f. & Wilson) Broth.
= *Rhynchostegiella novae-zealandiae* Dixon; *Eurhynchium novae-zealandiae* (Dixon) Fife

Rhynchostegium tenuifolium (Hedw.) Reichardt

≡ *Hypnum tenuifolium* Hedw.
= *Hypnum huttonii* Hampe ex Beckett

***Scleropodium** Schimp.

**Scleropodium touretii* (Brid.) L.F.Koch

≡ *Hypnum touretii* Brid.

= *Brachythecium cymbifolium* Dixon & Sainsbury

Scorpiurium Schimp.

Scorpiurium cucullatum (Mitt.) Hedenäs

≡ *Hypnum cucullatum* Mitt.; *Rhynchostegium cucullatum* (Mitt.) Mitt.; *Rhynchostegiella cucullata* (Mitt.) Paris; *Eurhynchium cucullatum* (Mitt.) I.G.Stone & G.A.M.Scott

Family: Catagoniaceae W.R.Buck & Ireland

Catagonium Broth.

Catagonium nitens (Brid.) Cardot

≡ *Leskea nitens* Brid.

= *Catagonium politum* (Hook.f. & Wilson) Dusén; *Hypnum politum* Hook.f. & Wilson

Family: *Climaciaceae Kindb.

**Climacium* F.Weber & D.Mohr

**Climacium dendroides* (Hedw.) F.Weber & D.Mohr

≡ *Leskea dendroides* Hedw.

= *Climacium novae-seelandiae* Müll.Hal. ex Beckett

Family: Cryphaeaceae Schimp.

Cryphaea D.Mohr

= *Bryobartlettia* W.R.Buck

Cryphaea acuminata Hook.f. & Wilson

Cryphaea chlorophyllosa Müll.Hal.

Cryphaea ovalifolia (Müll.Hal.) A.Jaeger

≡ *Pilotrichum ovalifolium* Müll.Hal.

Cryphaea parvula Mitt.

Cryphaea tenella (Schwägr) Müll.Hal.

≡ *Neckera tenella* Schwägr.

= *Cryphaea exannulata* Dixon & Sainsbury

= *Bryobartlettia costata* W.R.Buck

Cyrtodon (Broth.) Paris & Schimp. ex M.Fleisch.

≡ *Cryphidium* sect. *Cyrtodon* Broth.

Cyrtodon dilatatus (Hook.f. & Wilson) Paris & Schimp.

≡ *Cryphaea dilatata* Hook.f. & Wilson

= *Cryphaea confusa* Dixon

Dendrocryphaea Paris & Schimp. ex Broth.

Dendrocryphaea tasmanica (Mitt.) Broth.

≡ *Cryphaea tasmanica* Mitt.

Family: Echinodiaceae Broth.

Echinodium Jur.

Echinodium hispidum (Hook.f. & Wilson) Reichardt

≡ *Hypnum hispidum* Hook.f. & Wilson; *Echinodiopsis hispida* (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt

Echinodium umbrosum (Mitt.) A.Jaeger

≡ *Leskea umbrosum* Mitt.; *Echinodium umbrosum* (Mitt.) A.Jaeger var. *umbrosum*; *Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt

= *Hypnum glaucoviride* Mitt.; *Echinodium glaucoviride* (Mitt.) A.Jaeger; *Echinodium umbrosum* var. *glaucoviride* (Mitt.) S.P.Churchill; *Echinodiopsis umbrosa* var. *glaucoviride* (Mitt.) S.Olsson, Enroth & D.Quandt

Family: Entodontaceae Kindb.

Entodon Müll.Hal.

Entodon plicatus Müll.Hal.

= *Entodon truncorum* Mitt.

= *Entodon beckettii* Müll.Hal.

Family: Fabroniaceae Schimp.

Fabronia Raddi

Fabronia australis Hook.

= *Fabronia octoblepharis* C.Knight; *Fabronia antarctica* Paris

Ischyrodon Müll.Hal.

Ischyrodon lepturus (Taylor) Schelpe

≡ *Hypnum lepturum* Taylor; *Fabronia leptura* (Taylor) Broth.; *Juratzkaea leptura* (Taylor) W.R.Buck

Family: Hylocomiaceae M.Fleisch.

Hylocomium Schimp.

Hylocomium splendens (Hedw.) Schimp.

≡ *Hypnum splendens* Hedw.

**Rhytidiadelphus* (Limpr.) Warnst.

**Rhytidiadelphus squarrosus* (Hedw.) Warnst.

≡ *Hypnum squarrosus* Hedw.

**Rhytidiadelphus triquetrus* (Hedw.) Warnst.

≡ *Hypnum triquetrum* Hedw.

Family: Hypnaceae Schimp.

Austrohondaella Z.Iwats., H.P.Ramsay & Fife

Austrohondaella limata (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife

≡ *Hypnum limatum* Hook.f. & Wilson; *Isopterygium limatum* (Hook.f. & Wilson) Broth.
= *Hypnum terraenovae* var. *australe* Hook.f. & Wilson; *Hypnum australe* (Hook.f. & Wilson) Müll.Hal.

Ctenidium (Schimp.) Mitt.

≡ *Hypnum* subgen. *Ctenidium* Schimp.

Ctenidium pubescens (Hook.f. & Wilson) Broth.

≡ *Hypnum pubescens* Hook.f. & Wilson

Ectropothecium Mitt.

Ectropothecium sandwichense (Hook. & Arn.) Mitt.

≡ *Hypnum sandwichense* Hook. & Arn.

Hypnum Hedw.

Hypnum chrysogaster Müll.Hal.

≡ *Stereodon chrysogaster* (Müll.Hal.) Mitt.; *Hypnum cupressiforme* var. *chrysogaster* (Müll.Hal.) Sainsbury
= *Hypnum patale* Hook.f. & Wilson

Hypnum cupressiforme Hedw.

Hypnum cupressiforme Hedw. var. *cupressiforme*

Hypnum cupressiforme var. *filiforme* Brid.

= *Hypnum mossmanianum* Müll.Hal.; *Hypnum cupressiforme* var. *mossmanianum* (Müll.Hal.) Ando
= *Hypnum cupressiforme* var. *minus* Hook.f. & Wilson
= *Pylaisia australis* Dixon & Sainsbury

Hypnum cupressiforme var. *lacunosum* Brid.

Isopterygiopsis Z.Iwats.

Isopterygiopsis pulchella (Hedw.) Z.Iwats.

≡ *Leskea pulchella* Hedw.; *Isopterygium pulchellum* (Hedw.) A.Jaeger

Orthothecium Bruch & Schimp.

Orthothecium strictum Lorentz

Pseudotaxiphyllum Z.Iwats.

Pseudotaxiphyllum distichaceum (Mitt.) Z.Iwats.

≡ *Stereodon distichaceus* Mitt.; *Isopterygium distichaceum* (Mitt.) A.Jaeger & Sauerb.

Pseudotaxiphyllum falcifolium (Hook.f. & Wilson) S.He

≡ *Hypnum falcifolium* Hook.f. & Wilson; *Homalia falcifolia* (Hook.f. & Wilson) Hook.f. & Wilson

Vesicularia (Müll.Hal.) Müll.Hal.

Vesicularia inflectens (Brid.) Müll.Hal.

≡ *Leskea inflectens* Brid.

Family: Lembophyllaceae Broth.

Acrocladium Mitt.

Acrocladium chlamydophyllum (Hook.f. & Wilson) Müll.Hal. & Broth.

≡ *Hypnum chlamydophyllum* Hook.f. & Wilson

Camptochaete Reichardt

= *Thamniella* Besch.

Camptochaete angustata (Mitt.) Reichardt

≡ *Stereodon angustatus* Mitt.; *Isothecium angustatum* (Mitt.) Hook.f.
= *Isothecium obscurum* Colenso

Camptochaete arbuscula (Sm.) Reichardt

≡ *Hookeria arbuscula* Sm.; *Hypnum arbuscula* (Sm.) Hook.f.; *Leskea arbuscula* (Sm.) Schwägr.; *Isothecium arbuscula* (Sm.) Brid.; *Stereodon arbuscula* (Sm.) Mitt.; *Porotrichum arbuscula* (Sm.) Mitt.; *Thamniella arbuscula* (Sm.) Besch. ex Paris; *Thamnium arbuscula* (Sm.) Kindb.

Camptochaete arbuscula (Sm.) Reichardt var. *arbuscula*

Camptochaete arbuscula var. *tumida* Tangney

Camptochaete deflexa (Wilson) A.Jaeger

≡ *Hypnum deflexum* Wilson; *Isothecium arbuscula* var. *deflexa* (Wilson) Hook.f. & Wilson; *Stereodon deflexus* (Wilson) Mitt.; *Porotrichum deflexum* (Wilson) Mitt.; *Thamnium deflexum* (Wilson) Kindb.; *Camptochaete arbuscula* var. *deflexa* (Wilson) Dixon

= *Isothecium ramulosum* Mitt.; *Camptochaete ramulosa* (Mitt.) A.Jaeger

Camptochaete pulvinata (Hook.f. & Wilson) A.Jaeger

≡ *Isothecium pulvinatum* Hook.f. & Wilson; *Thamniella pulvinata* (Hook.f. & Wilson) Besch. ex Paris
= *Camptochaete beckettii* Broth.
= *Stereodon maculosus* Dixon; *Camptochaete maculosa* (Dixon) Sainsbury

Fallaciella H.A.Crum

Fallaciella gracilis (Hook.f. & Wilson) H.A.Crum

≡ *Hypnum gracile* Hook.f. & Wilson; *Isothecium gracile* Hook.f. & Wilson; *Stereodon gracilis* (Hook.f. & Wilson) Mitt.; *Microthamnium gracile* (Hook.f. & Wilson) A.Jaeger; *Porotrichum gracile* (Hook.f. & Wilson) Mitt.; *Camptochaete gracilis* (Hook.f. & Wilson) Paris;
Ptilocladus gracilis (Hook.f. & Wilson) Lindb.; *Thamnium gracile* (Hook.f. & Wilson) Kindb.
= *Hypnum microvagum* Beckett; *Lembophyllum microvagum* (Beckett) Beckett
= *Camptochaete tasmanica* Broth.
= *Taxithelium novae-zealandiae* E.B.Bartram & Dixon; *Camptochaete novae-zealandiae* (E.B.Bartram & Dixon) P.E.A.S.Câmara

Fallaciella robusta Tangney & Fife

Fifea H.A.Crum

Fifea aciphylla (Dixon & Sainsbury) H.A.Crum

≡ *Camptochaete aciphylla* Dixon & Sainsbury

Lembophyllum Lindb.

Lembophyllum clandestinum (Hook.f. & Wilson) Lindb.

≡ *Hypnum clandestinum* Hook.f. & Wilson; *Isothecium clandestinum* (Hook.f. & Wilson) Mitt.; *Coelidium clandestinum* (Hook.f. & Wilson) A.Jaeger; *Porotrichum clandestinum* (Hook.f. & Wilson) Mitt.; *Lembophyllum divulsum* var. *clandestinum* (Hook.f. & Wilson) Wijk & Margad.

Lembophyllum divulsum (Hook.f. & Wilson) Lindb.

≡ *Hypnum divulsum* Hook.f. & Wilson; *Thamniella divulsa* (Hook.f. & Wilson) A.Jaeger; *Porotrichum divulsum* (Hook.f. & Wilson) Mitt.; *Coelidium divulsum* (Hook.f. & Wilson) Paris

Weymouthia Broth.

= *Coelidium* Reichardt

Weymouthia cochlearifolia (Schwägr.) Dixon

≡ *Hypnum cochlearifolium* Schwägr.; *Isothecium cochlearifolium* (Schwägr.) Mitt.; *Stereodon cochlearifolius* (Schwägr.) Mitt.; *Coelidium cochlearifolium* (Schwägr.) Reichardt; *Porotrichum cochlearifolium* (Schwägr.) Mitt.

Weymouthia mollis (Hedw.) Broth.

≡ *Leskea mollis* Hedw.; *Meteorium molle* (Hedw.) Hook.f. & Wilson; *Isothecium molle* (Hedw.) Mitt.; *Stereodon mollis* (Hedw.) Mitt.; *Pilotrichella mollis* (Hedw.) A.Jaeger

Family: Leptodontaceae Schimp.

Leptodon D.Mohr

Leptodon smithii (Hedw.) F.Weber & D.Mohr

≡ *Hypnum smithii* Hedw.
= *Leptodon novae-seelandiae* Müll.Hal.

Family: Lepyrodontaceae Broth.

Lepyrodon Hampe

Lepyrodon australis Hampe ex Broth.

= *Leucodon implexus* Hook.f.

Lepyrodon lagurus (Hook.) Mitt.

≡ *Leucodon lagurus* Hook.
= *Lepyrodon pseudolagurus* B.H.Allen

Family: Leskeaceae Schimp.

Lindbergia Kindb.

Lindbergia maritima Lewinsky

Pseudoleskea Schimp.

Pseudoleskea imbricata (Hook.f. & Wilson) Broth.

≡ *Leskea imbricata* Hook.f. & Wilson; *Pseudoleskeopsis imbricata* (Hook.f. & Wilson) Thér.

Family: Meteoriaceae Kindb.

Meteoriopsis M.Fleisch. ex Broth.

Meteoriopsis reclinata (Müll.Hal.) Broth.

≡ *Pilotrichum reclinatum* Müll.Hal.

Papillaria (Müll.Hal.) Lorentz

≡ *Neckera* subsect. *Papillaria* Müll.Hal.

Papillaria crocea (Hampe) A.Jaeger

≡ *Pilotrichum croceum* Hampe; *Neckera crocea* (Hampe) Müll.Hal.
= *Meteorium cuspidiferum* Wilson; *Papillaria cuspidifera* (Wilson) A.Jaeger
= *Neckera kermadecensis* Müll.Hal.; *Papillaria kermadecensis* (Müll.Hal.) A.Jaeger; *Meteorium kermadecense* (Müll.Hal.) Mitt.

Papillaria flavolimbata (Müll.Hal. & Hampe) A.Jaeger

≡ *Neckera flavolimbata* Müll.Hal. & Hampe; *Pilotrichella flavolimbata* (Müll.Hal. & Hampe) Paris

Papillaria flexicaulis (Wilson) A.Jaeger

≡ *Meteorium flexicaule* Wilson

Papillaria leuconeura (Müll.Hal.) A.Jaeger

≡ *Neckera leuconeura* Müll.Hal.
= *Neckera amblyacis* Müll.Hal.; *Papillaria amblyacis* (Müll.Hal.) A.Jaeger

Papillaria nitens (Hook.f. & Wilson) Sainsbury

≡ *Meteorium nitens* Hook.f. & Wilson; *Barbella nitens* (Hook.f. & Wilson) Nog.
= *Papillaria nitidiuscula* Broth.

Family: Neckeraceae Schimp.

Alleniella S.Olsson, Enroth & D.Quandt

Alleniella hymenodonta (Müll.Hal.) S.Olsson, Enroth & D.Quandt

≡ *Neckera hymenodonta* Müll.Hal.

Neckera Hedw.

Neckera laevigata Hook.f. & Wilson

= *Neckera brownii* Dixon; *Alleniella brownii* (Dixon) S.Olsson, Enroth & D.Quandt
= *Camptochaete brachydictya* Dixon

Neckeropsis Reichardt

Neckeropsis lepineana (Mont.) M.Fleisch.

≡ *Neckera lepineana* Mont.

Pendulothecium Enroth & S.He

Pendulothecium auriculatum (Hook.f. & Wilson) Enroth & S.He

≡ *Homalia auriculata* Hook.f. & Wilson

Pendulothecium oblongifolium (Hook.f. & Wilson) Enroth & S.He

≡ *Porotrichum oblongifolium* (Hook.f. & Wilson) Broth.; *Hookeria punctata* var. *oblongifolia* Hook.f. & Wilson

Pendulothecium punctatum (Hook.f. & Wilson) Enroth & S.He

≡ *Homalia punctata* (Hook.f. & Wilson) Wijk & Margad.; *Hookeria punctata* Hook.f. & Wilson
= *Homalia pulchella* Hook.f. & Wilson

Thamnobryum Nieuwl.

Thamnobryum pandum (Hook.f. & Wilson) I.G.Stone & G.A.M.Scott

≡ *Isothecium pandum* Hook.f. & Wilson; *Thamnium pandum* (Hook.f. & Wilson) A.Jaeger

Thamnobryum pumilum (Hook.f. & Wilson) B.C.Tan

≡ *Thamnium pumilum* (Hook.f. & Wilson) Paris; *Isothecium pumilum* Hook.f. & Wilson

Family: Orthorrhynchiaceae S.H.Lin

Orthorrhynchium Reichardt

Orthorrhynchium elegans (Hook.f. & Wilson) Reichardt

≡ *Phyllogonium elegans* Hook.f. & Wilson

Family: Plagiotheciaceae M.Fleisch.

Plagiothecium Schimp.

Plagiothecium lamprostachys (Hampe) A.Jaeger

≡ *Hypnum lamprostachys* Hampe
= *Plagiothecium novae-seelandiae* Broth.

Family: Pterobryaceae Kindb.

Cryptogonium (Müll.Hal.) Hampe

Cryptogonium phyllogonioides (Sull.) Isov.

≡ *Neckera phyllogonioides* Sull.

Symphysodontella M.Fleisch.

Symphysodontella cylindracea (Mont.) M.Fleisch.

≡ *Neckera cylindracea* Mont.

Family: Pylaisiadelphaceae Goffinet & W.R.Buck

Isopterygium Mitt.

Isopterygium albescens (Hook.) A.Jaeger

≡ *Hypnum albescens* Hook.
= *Hypnum minutirameum* Müll.Hal.; *Isopterygium minutirameum* (Müll.Hal.) A.Jaeger
= *Hypnum austropusillum* Müll.Hal.

Family: Sematophyllaceae Broth.

Rhaphidorrhynchium Besch. ex M.Fleisch.

Rhaphidorrhynchium amoenum (Hedw.) M.Fleisch.

≡ *Hypnum amoenum* Hedw.; *Sematophyllum amoenum* (Hedw.) Mitt.; *Rhaphidostegium amoenum* (Hedw.) A.Jaeger
= *Hypnum leptorrhynchium* Hook.f. & Wilson
= *Hypnum mundulum* Hook.f. & Wilson

Sematophyllum Mitt.

Sematophyllum fiordensis Fife

Sematophyllum homomallum (Hampe) Broth.

≡ *Leskea homomalla* Hampe; *Hypnum homomallum* (Hampe) Müll.Hal.; *Pylaisia homomalla* (Hampe) A.Jaeger; *Rhaphidorrhynchium homomallum* (Hampe) Mitt.; *Rhaphidostegium homomallum* (Hampe) Broth.
= *Hypnum drummondii* Hook.f. & Wilson

Sematophyllum jolliffii (Mitt.) Dixon

≡ *Stereodon jolliffii* Mitt.; *Hypnum jolliffii* Mitt.; *Rhaphidostegium jolliffii* (Mitt.) A.Jaeger; *Rhaphidorrhynchium jolliffii* (Mitt.) Broth.

Sematophyllum kirkii (Müll.Hal. ex Beckett) Paris

≡ *Hypnum kirkii* Müll.Hal. ex Beckett; *Rhaphidostegium kirkii* (Müll.Hal. ex Beckett) Broth.; *Rhaphidorrhynchium kirkii* (Müll.Hal. ex Beckett) Broth.

Sematophyllum subhumile (Müll.Hal.) M.Fleisch.

≡ *Hypnum subhumile* Müll.Hal.

Sematophyllum subhumile var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay

≡ *Stereodon contiguus* Mitt.; *Sematophyllum contiguum* (Mitt.) Mitt.; *Rhaphidostegium contiguum* (Mitt.) Paris
= *Rhaphidostegium aciculum* Broth ex Dixon; *Sematophyllum aciculum* (Broth. ex Dixon) Dixon

Sematophyllum uncinatum I.G.Stone & G.A.M.Scott

≡ *Hypnum tenuirostre* Hook.; *Rhaphidorrhynchium tenuirostre* (Hook.) Mitt.; *Sematophyllum tenuirostre* (Hook.) Dixon

Warburgiella Müll.Hal. ex Broth.

Warburgiella leucocyta (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay

≡ *Hypnum leucocyta* Müll.Hal.; *Rhaphidostegium leucocyta* (Müll.Hal.) A.Jaeger; *Rhaphidorrhynchium leucocyta* (Müll.Hal.) Broth.;
Sematophyllum leucocyta (Müll.Hal.) Sainsbury
= *Hypnum cerviculatum* Hook.f. & Wilson; *Rhaphidorrhynchium cerviculatum* (Hook.f. & Wilson) M.Fleisch.
= *Sematophyllum macrosporum* Dixon & Sainsbury; *Warburgiella macrospora* (Dixon & Sainsbury) B.C.Tan, Schofield, & H.P.Ramsay

Wijkia H.A.Crum

≡ *Acanthocladium* Mitt.

Wijkia extenuata (Brid.) H.A.Crum

≡ *Hypnum extenuatum* Brid.; *Acanthocladium extenuatum* (Brid.) Mitt.
= *Hypnum acutifolium* Hook.f. & Wilson; *Rhaphidostegium acutifolium* (Hook.f. & Wilson) Dixon
= *Hypnum crinitum* Hook.f. & Wilson; *Acanthocladium crinitum* (Hook.f. & Wilson) Broth. ex Paris
= *Hypnum polystichum* Mitt.; *Taxithelium polystichum* (Mitt.) A.Jaeger

Wijkia extenuata var. *caudata* Fife

Wijkia extenuata (Brid.) H.A.Crum var. *extenuata*

Family: Thuidiaceae Schimp.

Thuidiopsis (Broth.) M.Fleisch.

≡ *Thuidium* subgen. *Thuidiopsis* Broth.

Thuidiopsis furfurosa (Hook.f. & Wilson) M.Fleisch.

≡ *Hypnum furfurosum* Hook.f. & Wilson; *Thuidium furfurosum* (Hook.f. & Wilson) Reichardt
 = *Hypnum denticulosum* Mitt.; *Thuidium denticulosum* (Mitt.) A.Jaeger

Thuidiopsis sparsa (Hook.f. & Wilson) Broth.

≡ *Thuidium sparsum* (Hook.f. & Wilson) Reichardt
 = *Hypnum sparsum* Hook.f. & Wilson
 = *Thuidiopsis furfurosa* var. *sparsa* (Hook.f. & Wilson) Wijk & Margad.
 = *Thuidium furfurosum* var. *sparsum* (Hook.f. & Wilson) Sainsbury

Thuidium Bruch & Schimp.

Thuidium cymbifolium (Dozy & Molk.) Dozy & Molk.

≡ *Hypnum cymbifolium* Dozy & Molk.

Thuidium laeviusculum (Mitt.) A.Jaeger

≡ *Leskea laeviuscula* Mitt.; *Hypnum laeviusculum* Mitt.

Family: Trachylomataceae W.R.Buck & Vitt

Trachyloma Brid.

Trachyloma diversinerve Hampe

Trachyloma planifolium (Hedw.) Brid.

≡ *Neckera planifolia* Hedw.

Order: Hypnodendrales N.E.Bell, A.E.Newton & D.Quandt

Family: Braithwaiteaceae N.E.Bell, A.E.Newton & D.Quandt

Braithwaitea Lindb.

Braithwaitea sulcata (Hook.) A.Jaeger

≡ *Leskea sulcata* Hook.

Family: Cyrtopodaceae M.Fleisch.

Cyrtopus (Brid.) Hook.f.

Cyrtopus setosus (Hedw.) Hook.f.

≡ *Anictangium setosum* Hedw.; *Neckera setosa* (Hedw.) Hook.; *Cladomnion setosum* (Hedw.) Wilson

Family: Hypnodendraceae Broth.

Hypnodendron (Müll.Hal.) Lindb.

≡ *Hypnum* sect. *Hypnodendron* Müll.Hal.

Hypnodendron arcuatum (Hedw.) Mitt.

≡ *Hypnum arcuatum* Hedw.

Hypnodendron marginatum (Hook.f. & Wilson) A.Jaeger & Sauerb.

≡ *Isothecium marginatum* Hook.f. & Wilson

Hypnodendron spininervium (Hook.) A.Jaeger & Sauerb.

≡ *Hypnum spininervium* Hook.

Hypnodendron spininervium (Hook.) A.Jaeger & Sauerb. subsp. *spininervium*

Mniodendron Lindb. ex Dozy & Molk.

Mniodendron colensoi (Hook.f. & Wilson) Besch.

≡ *Isothecium colensoi* Hook.f. & Wilson; *Hypnodendron colensoi* (Hook.f. & Wilson) Mitt.

Mniodendron comatum (Müll.Hal.) Lindb.

≡ *Hypnum comatum* Müll.Hal.; *Hypnodendron comatum* (Müll.Hal.) Touw

Mniodendron comosum (Labill.) Lindb.

≡ *Hypnum comosum* Labill.; *Hypnodendron comosum* (Labill.) Mitt.

Mniodendron comosum (Labill.) Lindb. var. *comosum*

Mniodendron comosum var. *sieberi* (Müll.Hal.) N.E.Bell, A.E.Newton & D.Quandt

≡ *Hypnum sieberi* Müll.Hal.; *Hypnodendron comosum* var. *sieberi* (Müll.Hal.) Touw

Family: Pterobryellaceae W.R.Buck & Vitt

Sciadocladus Lindb. ex Kindb.

Sciadocladus kerrii (Mitt.) Broth.

≡ *Trachyloma kerrii* Mitt.; *Hypnodendron kerrii* (Mitt.) Paris

Sciadocladus menziesii (Hook.) Broth.

≡ *Hypnum menziesii* Hook.; *Hypnodendron menziesii* (Hook.) Paris

Family: Racopilaceae Kindb.

Racopilum P.Beauv.

Racopilum cuspidigerum (Schwägr.) Ångstr.

≡ *Hypnum cuspidigerum* Schwägr.

Racopilum cuspidigerum var. *convolutaceum* (Müll.Hal.) Zanten & Dijkstra

≡ *Hypopterygium convolutaceum* Müll.Hal.; *Racopilum convolutaceum* (Müll.Hal.) Reichardt

Racopilum robustum Hook.f. & Wilson

Racopilum strumiferum (Müll.Hal.) Mitt.

≡ *Hypopterygium strumiferum* Müll.Hal.

Order: Orthotrichales Dixon

Family: Orthotrichaceae Arn.

Leratia Broth. & Paris

- = *Zygodon* sect. *Obtusifolii* Malta
- = *Bryomaltaea* Goffinet

Leratia obtusifolia (Hook.) Goffinet

- ≡ *Zygodon obtusifolius* Hook.; *Bryomaltaea obtusifolia* (Hook.) Goffinet
- = *Zygodon neglectus* Müll.Hal.

Macrocoma (Müll.Hal.) Grout

- ≡ *Macromitrium* sect. *Macrocoma* Müll.Hal.

Macrocoma tenue (Hook. & Grev.) Vitt

- ≡ *Orthotrichum tenue* Hook. & Grev.; *Macromitrium tenue* (Hook. & Grev.) Brid.
- = *Macromitrium eucalyptorum* Hampe & Müll.Hal.
- = *Macromitrium recurvulum* Müll.Hal.; *Macromitrium eucalyptorum* var. *recurvulum* (Müll.Hal.) Sainsbury
- = *Macromitrium barbatum* Mitt.

Macrocoma tenue (Hook. & Grev.) Vitt subsp. tenue

Macromitrium Brid.

Macromitrium brevicaule (Besch.) Broth.

- ≡ *Micromitrium brevicaule* Besch.
- = *Macromitrium watsii* Broth.
- = *Macromitrium subfragile* Dixon & Sainsbury

Macromitrium gracile (Hook.) Schwägr.

- ≡ *Orthotrichum gracile* Hook.; *Leiotheca gracilis* (Hook.) Brid.
- = *Macromitrium mossmanianum* Müll.Hal.
- = *Macromitrium gracile* var. *proboscideum* Dixon

Macromitrium grossirete Müll.Hal.

- = *Macromitrium rigescens* Broth. & Dixon

Macromitrium helmsii Paris

- ≡ *Macromitrium appendiculatum* Müll.Hal.

Macromitrium incurvifolium (Hook. & Grev.) Schwägr.

- ≡ *Orthotrichum incurvifolium* Hook. & Grev.

Macromitrium ligulaefolium Broth.

Macromitrium ligulare Mitt.

Macromitrium longipes (Hook.) Schwägr.

- ≡ *Orthotrichum longipes* Hook.
- = *Macromitrium lonchomitrium* Müll.Hal.
- = *Macromitrium pseudohemitrichodes* Müll.Hal.

Macromitrium longirostre (Hook.) Schwägr.

- ≡ *Orthotrichum longirostre* Hook.
- = *Orthotrichum acutifolium* Hook. & Grev.; *Macromitrium acutifolium* (Hook. & Grev.) Brid.; *Macromitrium longirostre* var. *acutifolium* (Hook. & Grev.) Hook.f. & Wilson

Macromitrium longirostre (Hook.) Schwägr. var. longirostre

Macromitrium longirostre var. ramsayae (Vitt) Fife

- ≡ *Macromitrium ramsayae* Vitt

Macromitrium microstomum (Hook. & Grev.) Schwägr.

- ≡ *Orthotrichum microstomum* Hook. & Grev.
- = *Macromitrium weymouthii* Broth.
- = *Macromitrium flaccidisetum* Müll.Hal.

Macromitrium orthophyllum Mitt.

Macromitrium prorepens (Hook.) Schwägr.

- ≡ *Orthotrichum prorepens* Hook.
- = *Macromitrium submucronifolium* Müll.Hal. & Hampe
- = *Macromitrium erosulum* Mitt.
- = *Macromitrium coarctatum* Müll.Hal.
- = *Macromitrium oocarpum* Müll.Hal.
- = *Macromitrium papillifolium* Müll.Hal.
- = *Macromitrium petriei* Dixon
- = *Macromitrium prorepens* var. *aristata* Allison

Macromitrium retusum Hook.f. & Wilson

- ≡ *Macromitrium gracile* var. *retusum* (Hook.f. & Wilson) Sainsbury
- = *Macromitrium caducipilum* Lindb.; *Macromitrium longirostre* var. *caducipilum* (Lindb.) W.Martin & Sainsbury
- = *Macromitrium aristatum* Mitt.

Orthotrichum Hedw.

- = *Muelleriella* Dusén

Orthotrichum angustifolium Hook.f. & Wilson

- ≡ *Muelleriella angustifolia* (Hook.f. & Wilson) Dusén

Orthotrichum assimile Müll.Hal.

- = *Orthotrichum benmoreense* R.Br.bis
- = *Orthotrichum latifolium* R.Br.bis
- = *Orthotrichum longithecum* R.Br.bis
- = *Orthotrichum magnothecum* R.Br.bis
- = *Orthotrichum acrolepharis* Müll.Hal.

Orthotrichum aucklandicum (Vitt) Goffinet

- ≡ *Muelleriella aucklandica* Vitt

Orthotrichum calvum Hook.f. & Wilson

- = *Orthotrichum avonense* R.Br.bis
- = *Orthotrichum minimifolium* R.Br.bis

- = *Orthotrichum minutum* R.Br.bis
- = *Orthotrichum calvum* var. *brevisetum* Dixon
- Orthotrichum crassifolium* Hook.f. & Wilson**
- ≡ *Muelleriella crassifolia* (Hook.f. & Wilson) Dusén
- Orthotrichum crassifolium* Hook.f. & Wilson subsp. *crassifolium***
- ≡ *Muelleriella crassifolia* (Hook.f. & Wilson) Dusén subsp. *crassifolia*
- Orthotrichum cupulatum* Brid.**
- = *Orthotrichum calcareum* R.Br.bis
- = *Orthotrichum ornatum* R.Br.bis
- = *Orthotrichum pulvinatum* R.Br.bis
- = *Orthotrichum austrocupulatum* Dixon & Sainsbury; *Orthotrichum cupulatum* var. *austrocupulatum* (Dixon & Sainsbury) Lewinsky
- Orthotrichum cyathiforme* R.Br.bis**
- = *Orthotrichum brevirostrum* R.Br.bis
- = *Orthotrichum pseudopumilum* Venturi
- = *Orthotrichum ligulatum* Müll.Hal.
- Orthotrichum graphiomitrium* Müll.Hal. ex Beckett**
- = *Orthotrichum acuminatum* R.Br.bis
- = *Orthotrichum obesum* R.Br.bis
- = *Orthotrichum leirolecythis* Müll.Hal.; *Orthotrichum subleiolecythis* Paris
- Orthotrichum hortense* Bosw.**
- = *Orthotrichum breve* R.Br.bis
- = *Orthotrichum brevisetum* R.Br.bis
- Orthotrichum rupestre* Schwägr.**
- = *Orthotrichum latorum* R.Br.bis
- = *Orthotrichum reflexum* R.Br.bis
- = *Orthotrichum praeperistomatum* Venturi; *Orthotrichum pulvinatum* var. *praeperistomatum* (Venturi) Sainsbury
- = *Orthotrichum rupestriforme* Venturi
- Orthotrichum rupestre* var. *papillosum* Lewinsky**
- ≡ *Orthotrichum fimbriatum* R.Br.bis
- Orthotrichum rupestre* Schwägr. var. *rupestre***
- Orthotrichum sainsburyi* Allison**
- Orthotrichum tasmanicum* Hook.f. & Wilson**
- = *Orthotrichum clintonii* R.Br.bis
- = *Orthotrichum conicorostrum* R.Br.bis
- = *Orthotrichum cylindrothecum* R.Br.bis
- = *Orthotrichum inaequale* R.Br.bis
- = *Orthotrichum lancifolium* R.Br.bis
- = *Orthotrichum nudum* R.Br.bis
- = *Orthotrichum obliquum* R.Br.bis
- = *Orthotrichum austropulchellum* Müll.Hal.
- = *Orthotrichum beckettii* Müll.Hal.
- Orthotrichum tasmanicum* var. *parvithecum* (R.Br.bis) Lewinsky**
- ≡ *Orthotrichum parvithecum* R.Br.bis
- Orthotrichum tasmanicum* Hook.f. & Wilson var. *tasmanicum***
- Schlotheimia* Brid.**
- Schlotheimia campbelliana* Müll.Hal.**
- = *Macromitrium hectorii* Mitt.
- Schlotheimia knightii* Müll.Hal.**
- Ulota* D.Mohr**
- = *Bryodixonia* Sainsbury
- Ulota lutea* (Mitt. in Wilson) Mitt.**
- ≡ *Orthotrichum luteum* Mitt.
- = *Orthotrichum erectum* R.Br.bis
- = *Orthotrichum gracillimum* R.Br.bis
- = *Orthotrichum parvulum* R.Br.bis
- = *Orthotrichum tortulosum* R.Br.bis
- = *Orthotrichum otiense* R.Br.bis
- = *Ulota weymouthii* Venturi
- = *Ulota bellii* Malta
- = *Ulota breviseta* Malta
- = *Ulota laticiliata* Malta
- = *Ulota bellii* var. *longicolla* Malta
- Ulota membranata* Malta**
- Ulota perichaetialis* (Sainsbury) Goffinet**
- ≡ *Bryodixonia perichaetialis* Sainsbury
- Ulota viridis* Venturi**
- = *Ulota anceps* Venturi
- = *Ulota viridis* var. *adpressa* Mitt. ex Malta
- = *Ulota dixonii* Malta
- = *Ulota novae-seelandiae* Sainsbury
- Zygodon* Hook. & Taylor**
- = *Codonoblepharon* Schwägr.
- Zygodon gracillimus* M.Fleisch.**
- ≡ *Codonoblepharon gracillimum* (M.Fleisch) Matcham & O'Shea
- = *Zygodon rodwayi* Broth.
- = *Zygodon subminutus* Broth.
- Zygodon hookeri* Hampe**
- = *Zygodon mucronatus* Müll.Hal.

Zygodon intermedius Bruch & Schimp.

- = *Zygodon conoideus* var. *elongatus* Hook. & Grev.
- = *Zygodon gracilicaulis* Müll.Hal.
- = *Zygodon nanus* Müll.Hal.

Zygodon menziesii (Schwägr.) Arn.

- = *Codonoblepharon menziesii* Schwägr.
- = *Bryum oamaruense* R.Br.bis
- = *Zygodon menziesii* var. *angustifolius* Malta; *Codonoblepharon menziesii* var. *angustifolius* (Malta) Matcham & O'Shea

Zygodon minutus Müll.Hal. & Hampe

- = *Codonoblepharon minutum* (Müll.Hal. & Hampe) Matcham & O'Shea
- = *Zygodon mucronatus* Broth.

Zygodon rufescens (Hampe) Broth.

- = *Orthotrichum rufescens* Hampe; *Ulota rufescens* (Hampe) A.Jaeger
- = *Zygodon vestitus* R.S.Williams
- = *Zygodon persquarriifolius* Dixon

Order: Ptychomniales W.R.Buck, C.J.Cox, A.J.Shaw & Goffinet

Family: Ptychomniaceae M.Fleisch.

Cladomnion Hook.f. & Wilson

- = *Garovaglia* sect. *Cladomnion* (Hook.f. & Wilson) Mitt.

Cladomnion ericoides (Hook.) Hook.f. & Wilson

- = *Leskea ericoides* Hook.

Dichelodontium Hook.f. & Wilson ex Broth.

Dichelodontium nitidum (Hook.f. & Wilson) Broth.

- = *Leucodon nitidus* Hook.f. & Wilson

Glyphothecium Hampe

Glyphothecium sciuroides (Hook.) Hampe

- = *Leskea sciuroides* Hook.; *Cladomnion sciuroides* (Hook.) Hook.f. & Wilson
- = *Glyphothecium muellerianum* Hampe

Hampeella Müll.Hal.

Hampeella alaris (Dixon & Sainsbury) Sainsbury

- = *Glyphothecium alare* Dixon & Sainsbury
- = *Hampeella pallens* var. *symmetrica* Sainsbury; *Hampeella alaris* var. *symmetrica* (Sainsbury) J.Milne & Klazenga

Hampeella pallens (Sande Lac.) M.Fleisch.

- = *Cladomnion pallens* Sande Lac.

Ptychomnion (Hook.f. & Wilson) Mitt.

- = *Hypnum* sect. *Ptychomnion* Hook.f. & Wilson

Ptychomnion aciculare (Brid.) Mitt.

- = *Hypnum aciculare* Brid.

Ptychomnion densifolium (Brid.) A.Jaeger

- = *Hypnum densifolium* Brid.

Tetraphidopsis Broth. & Dixon

Tetraphidopsis pusilla (Hook.f. & Wilson) Dixon

- = *Meteorium pusillum* Hook.f. & Wilson
- = *Tetraphidopsis novae-seelandiae* Broth. & Dixon

Order: Rhizogoniales Goffinet & W.R.Buck

Family: *Aulacomniaceae Schimp.

**Aulacomnium* Schwägr.

**Aulacomnium palustre* (Hedw.) Schwägr.

- = *Mnium palustre* Hedw.
- = *Aulacomnium stolonaceum* Müll.Hal.

Family: Orthodontiaceae Goffinet

Hymenodon Hook.f. & Wilson

Hymenodon pilifer Hook.f. & Wilson

- = *Hymenodon helvolus* Müll.Hal.

Leptotheca Schwägr.

Leptotheca gaudichaudii Schwägr.

Orthodontium Schwägr.

Orthodontium lineare Schwägr.

- = *Orthodontium sulcatum* Hook.f. & Wilson; *Orthodontium lineare* subsp. *sulcatum* (Hook.f. & Wilson) Meijer
- = *Orthodontium ruahinense* Meijer

Family: Rhizogoniaceae Broth.

Calomnion Hook.f. & Wilson

Calomnion complanatum (Hook.f. & Wilson) Lindb.

- = *Gymnostomum complanatum* Hook.f. & Wilson
- = *Calomnion laetum* Hook.f. & Wilson
- = *Calomnion brownseyi* Vitt & H.A.Mill.

Cryptopodium Brid.

Cryptopodium bartramioides (Hook.) Brid.

- = *Bryum bartramioides* Hook.
- = *Rhizogonium helmsii* Müll.Hal.

Goniobryum Lindb.

Goniobryum subbasilare (Hook.) Lindb.

- ≡ *Hypnum subbasilare* Hook.
- = *Photinophyllum pellucidum* Mitt.

Pyrrhobryum Mitt.

Pyrrhobryum bifarium (Hook.) Manuel

- ≡ *Hypnum bifarium* Hook.; *Rhizogonium bifarium* (Hook.) Schimp.; *Hymenodontopsis bifaria* (Hook.) N.E.Bell, A.E.Newton & D.Quandt

Pyrrhobryum mnioides (Hook.) Manuel

- ≡ *Hypnum mnioides* Hook.; *Rhizogonium mnioides* (Hook.) Hook.f. & Wilson; *Hymenodontopsis mnioides* (Hook.) N.E.Bell, A.E.Newton & D.Quandt

Pyrrhobryum mnioides subsp. *contortum* (Hook.f. & Wilson) Fife

- ≡ *Rhizogonium mnioides* var. *contortum* Hook.f. & Wilson
- = *Mnium hookeri* Müll.Hal.; *Rhizogonium hookeri* (Müll.Hal.) Mitt.
- = *Mnium mossmanianum* Müll.Hal.; *Rhizogonium mossmanianum* (Müll.Hal.) A.Jaeger

Pyrrhobryum paramattense (Müll.Hal.) Manuel

- ≡ *Mnium paramattense* Müll.Hal.; *Rhizogonium paramattense* (Müll.Hal.) Reichardt

Rhizogonium Brid.

Rhizogonium distichum (Sw.) Brid.

- ≡ *Hypnum distichum* Sw.

Rhizogonium novae-hollandiae (Brid.) Brid.

- ≡ *Fissidens novae-hollandiae* Brid.

Rhizogonium pennatum Hook.f. & Wilson

- = *Rhizogonium aristatum* Hampe; *Rhizogonium pennatum* var. *aristatum* (Hampe) Dixon
- = *Rhizogonium sinuatum* Müll.Hal.

Order: Splachnales Ochyra

Family: Meesiaceae Schimp.

**Leptobryum* (Bruch & Schimp.) Wilson

**Leptobryum pyriforme* (Hedw.) Wilson

- ≡ *Webera pyriformis* Hedw.

Meesia Hedw.

Meesia uliginosa Hedw.

- = *Meesia macrantha* Mitt.
- = *Meesia muelleri* Müll.Hal. & Hampe
- = *Meesia aquatica* R.Br.bis
- = *Meesia aquatilis* R.Br.bis
- = *Meesia buchananii* R.Br.bis
- = *Meesia kirkii* R.Br.bis

Family: Splachnaceae Grev. & Arn.

Tayloria Hook.

Tayloria callophylla (Müll.Hal.) Mitt.

- ≡ *Dissodon callophyllum* Müll.Hal.; *Splachnum callophyllum* (Müll.Hal.) Hook.f. & Wilson
- = *Eremodon robustus* Hook.f. & Wilson

Tayloria octoblepharum (Hook.) Mitt.

- ≡ *Splachnum octoblepharum* Hook.; *Eremodon octoblepharis* (Hook.) Hook.f. & Wilson
- = *Splachnum octoblepharum* var. *major* Hook.f. & Wilson; *Tayloria octoblepharum* var. *major* (Hook.f. & Wilson) Watts & Whitel.
- = *Splachnum plagiopus* Mont.; *Dissodon plagiopus* (Mont.) Müll.Hal.
- = *Splachnum octoblepharum* var. *pyriforme* Hook.f. & Wilson

Tayloria purpurascens (Hook.f. & Wilson) Broth.

- ≡ *Splachnum purpurascens* Hook.f. & Wilson; *Dissodon purpurascens* (Hook.f. & Wilson) Müll.Hal.; *Eremodon purpurascens* (Hook.f. & Wilson) Hook.f. & Wilson
- = *Splachnum purpurascens* var. *minor* Hook.f. & Wilson
- = *Dissodon purpureus* Müll.Hal.

Tayloria tasmanica (Hampe) Broth.

- ≡ *Tetraplodon tasmanicus* Hampe

Subclass: Buxbaumiidae Ochyra

Order: Buxbaumiales M.Fleisch.

Family: Buxbaumiaceae Schwägr.

Buxbaumia Hedw.

Buxbaumia aphylla Hedw.

Buxbaumia novae-zelandiae Dixon

Subclass: Dicranidae Doweld

Order: Archidiales Limpr.

Family: Archidiaceae Schimp.

Archidium Brid.

Archidium elatum Dixon & Sainsbury

Order: *Dicranales* H.Philib. ex M.Fleisch.

Family: *Bruchiaceae* Schimp.

Trematodon Michx.

Trematodon flexipes Mitt. ex Hook.f. & Wilson

Trematodon mackayi (R.Br.bis) Broth.

- ≡ *Stirtonia mackayi* R.Br.bis
- = *Trematodon weymouthii* E.B.Bartram & Dixon

Trematodon suberectus Mitt.

- = *Trematodon arcuatus* Mitt.
- = *Trematodon cheesemanii* Müll.Hal.
- = *Trematodon integrifolius* Müll.Hal.

Family: *Calympereaceae* Kindb.

Calymperes Sw.

Calymperes tahitense (Sull.) Mitt.

- ≡ *Syrrophodon tahitensis* Sull.

Calymperes tenerum Müll.Hal.

Syrrophodon Schwägr.

Syrrophodon armatus Mitt.

- = *Syrrophodon fimbriatulus* Müll.Hal.

Family: *Dicnemonaceae* Broth.

Dicnemon Schwägr.

Dicnemon calycinum (Hook.) Schwägr.

- ≡ *Leucodon calycinus* Hook.

Dicnemon dixonianum B.H.Allen

Dicnemon semicryptum Müll.Hal.

Family: *Dicranaceae* Schimp.

Campylopodium (Müll.Hal.) Besch.

- ≡ *Aongstroemia* sect. *Campylopodium* Müll.Hal.

Campylopodium capillaceum (Hook.f. & Wilson) Fife

- ≡ *Campylopus capillaceus* Hook.f. & Wilson
- = *Didymodon medius* Duby; *Campylopodium medium* (Duby) Giese & J.-P.Frahm
- = *Aongstroemia euphoroclada* Müll.Hal.; *Campylopodium euphorocladam* (Müll.Hal.) Besch.
- = *Dicranum holomitrium* Müll.Hal.; *Campylopus holomitrium* (Müll.Hal.) A.Jaeger
- = *Dicranodontium proscriptum* Hook.f. & Wilson
- = *Dicranodontium flexipes* Mitt.; *Campylopodium flexipes* (Mitt.) Broth.
- = *Campylopus gulliveri* R.Br.bis

Campylopodium lineare (Mitt.) Dixon

- ≡ *Dicranodontium lineare* Mitt.

Campylopus Brid.

Campylopus bicolor (Müll.Hal.) Hook.f. & Wilson

- ≡ *Dicranum bicolor* Müll.Hal.
- = *Campylopus bicolor* var. *intermedia* R.Br.bis
- = *Campylopus stewartii* R.Br.bis
- = *Campylopus ericeticola* Müll.Hal.; *Campylopus bicolor* var. *ericeticola* (Müll.Hal.) Dixon

Campylopus clavatus (R.Br.) Hook.f. & Wilson

- ≡ *Dicranum clavatum* R.Br.
- = *Campylopus appressifolius* Mitt.
- = *Campylopus arcuatus* R.Br.bis
- = *Campylopus arenarius* R.Br.bis
- = *Campylopus cylindrothecum* R.Br.bis
- = *Campylopus ellipticothecum* R.Br.bis
- = *Campylopus otaramaii* R.Br.bis
- = *Campylopus rarus* R.Br.bis
- = *Dicranum sulphureoflavus* Müll.Hal.; *Campylopus sulphureoflavus* (Müll.Hal.) Paris
- = *Campylopus trailii* R.Br.bis
- = *Campylopus walkerii* R.Br.bis

Campylopus introflexus (Hedw.) Brid.

- ≡ *Dicranum introflexum* Hedw.
- = *Dicranum leptocephalum* Müll.Hal.

Campylopus kirkii Beckett

- ≡ *Campylopus acuminatus* var. *kirkii* (Beckett) J.-P.Frahm
- = *Campylopus kirkii* var. *pilosus* Frahm

Campylopus pallidus Hook.f. & Wilson

- = *Campylopus torquatus* Mitt.
- = *Campylopus ohingaitii* R.Br.bis
- = *Campylopus sparksii* R.Br.bis
- = *Campylopus lonchochaete* Müll.Hal.

Campylopus purpureocaulis Dusén

- = *Campylopus arboricola* Cardot & Dixon

Dicranella (Müll.Hal.) Schimp.

- ≡ *Aongstroemia* sect. *Dicranella* Müll.Hal.

Dicranella cardotii (R.Br.bis) Dixon

- ≡ *Dicranum cardotii* R.Br.bis; *Anisothecium cardotii* (R.Br.bis) Ochyra
- = *Dicranella wairarapensis* Dixon

- Dicranella dietrichiae* (Müll.Hal.) A.Jaeger
 ≡ *Aongstroemia dietrichiae* Müll.Hal.
- Dicranella gracillima* (Beckett) Paris
 ≡ *Anisothecium gracillimum* Beckett
- **Dicranella heteromalla* (Hedw.) Schimp.
 ≡ *Dicranum heteromallum* Hedw.
- Dicranella schreberiana* (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
 ≡ *Dicranum schreberianum* Hedw.
 = *Aongstroemia subredunca* Müll.Hal.
 = *Dicranum waimakaririense* R.Br.bis
- Dicranella vaginata* (Hook.) Cardot
 ≡ *Dicranum vaginatum* Hook.; *Anisothecium vaginatum* (Hook.) Mitt.
 = *Dicranum clathratum* Hook.f. & Wilson; *Dicranella clathrata* (Hook.f. & Wilson) A.Jaeger; *Anisothecium clathratum* (Hook.f. & Wilson) Broth.;
Dicranella vaginata var. *clathrata* (Hook.f. & Wilson) Sainsbury
- Dicranoloma* (Renauld) Renauld
 ≡ *Leucoloma* subgen. *Dicranoloma* Renauld
- Dicranoloma billardierei* (Brid.) Paris
 ≡ *Dicranum billardierei* Brid.; *Leucoloma billardierei* (Brid.) Broth.
 = *Dicranum billardierei* var. *duriusculum* Hook.f. & Wilson
 = *Dicranum orthopyxis* Müll.Hal.
 = *Dicranum subconfine* Müll.Hal.; *Dicranum scopelloides* Paris; *Dicranoloma scopelloides* (Paris) Paris
- Dicranoloma dicarpum* (Nees) Paris
 ≡ *Dicranum dicarpum* Nees; *Leucoloma dicarpum* (Nees) Broth.
 = *Dicranum leucolomoides* Müll.Hal.; *Leucoloma dicranoides* Broth.; *Dicranoloma dicranoides* Paris
 = *Dicranum dicarpum* var. *spinosum* Hook.f. & Wilson
- Dicranoloma fasciatum* (Hedw.) Paris
 ≡ *Dicranum fasciatum* Hedw.; *Leucoloma fasciatum* (Hedw.) Broth.
 = *Dicnemon obsoletinerve* Hampe & Müll.Hal.; *Dicranoloma obsoletinerve* (Hampe & Müll.Hal.) Paris
- Dicranoloma menziesii* (Taylor) Renauld
 ≡ *Dicranum menziesii* Taylor; *Leucoloma menziesii* (Taylor) Broth.
 = *Dicranum menziesii* Hook.f. & Wilson; *Dicranoloma menziesii* (Hook.f. & Wilson) Paris
 = *Dicranum brachypelma* Müll.Hal.
 = *Dicranum menziesii* var. *rigidum* Hook.f. & Wilson; *Dicranoloma menziesii* var. *rigidum* (Hook.f. & Wilson) Paris
 = *Dicranum trichophyllum* Hampe
 = *Dicranum fulvum* R.Br.bis
 = *Dicranodontium australe* Dixon
- Dicranoloma obesifolium* (R.Br.bis) Broth.
 ≡ *Dicranum obesifolium* R.Br.bis; *Braunfelsia obesifolia* (R.Br.bis) Dixon
 = *Eucamptodon petriei* Broth.; *Braunfelsia petriei* (Broth.) Broth.
- Dicranoloma platycaulon* Dixon
- Dicranoloma plurisetum* Dixon
 ≡ *Dicranum plurisetum* (Dixon) Fife
- Dicranoloma robustum* (Hook.f. & Wilson) Paris
 ≡ *Dicranum robustum* Hook.f. & Wilson
 = *Dicranum pungens* Hook.f. & Wilson; *Dicranoloma pungens* (Hook.f. & Wilson) Paris
 = *Dicranum setosum* Hook.f. & Wilson; *Dicranoloma setosum* (Hook.f. & Wilson) Paris; *Dicranoloma robustum* var. *setosum* (Hook.f. & Wilson) Sainsbury
 = *Dicranum setosum* var. *attenuatum* Hook.f. & Wilson; *Dicranoloma setosum* var. *attenuatum* (Hook.f. & Wilson) Paris
 = *Dicranoloma chrysodrepaneum* Dixon
 = *Dicranoloma cylindropyxis* Dixon
 = *Dicranoloma grossialare* Dixon
 = *Dicranoloma integrifolium* Dixon
- Dicranum* Hedw.
- Dicranum leioneuron* Kindb.
- Holomitrium* Brid.
- Holomitrium perichaetiale* (Hook.) Brid.
 ≡ *Trichostomum perichaetiale* Hook.; *Sprucea perichaetialis* (Hook.) Hook.f. & Wilson; *Symblepharis perichaetialis* (Brid.) Hook.f. & Wilson
 = *Trichostomum moretonii* R.Br.bis
- Holomitrium trichopodum* (Mitt.) Klazenga
 ≡ *Dicranum trichopodum* Mitt.; *Dicranoloma trichopodum* (Mitt.) Broth.
- Kiaeria* I.Hagen
 = *Dicranum* subgen. *Trichodontium* Dixon; *Trichodontium* (Dixon) Fife
- Kiaeria pumila* (Mitt.) Ochyra
 ≡ *Symblepharis pumila* Mitt.; *Holomitrium pumilum* (Mitt.) A.Jaeger
 = *Trichostomum falcatum* R.Br.bis; *Holodontium falcatum* (R.Br.bis) Wijk & Margad.; *Trichodontium falcatum* (R.Br.bis) Fife
 = *Dicranum aucklandicum* Dixon; *Holodontium aucklandicum* (Dixon) Broth.
 = *Dicranella egmontensis* Dixon
 = *Ditrichum falcifolium* E.B.Bartram & Dixon
- Kiaeria spenceri* (Dixon & Sainsbury) Fife
 ≡ *Dicranoweisia spenceri* Dixon & Sainsbury
- Mesotus* Mitt.
- Mesotus celatus* Mitt.
 = *Mesotus arcutus* Mitt.
 = *Holomitrium undulatum* Müll.Hal.
- Sclerodontium* Schwägr.
 = *Leucoloma* subgen. *Dicnemoloma* Renauld; *Dicnemoloma* (Renauld) Renauld
- Sclerodontium pallidum* (Hook.) Schwägr.
 ≡ *Leucodon pallidus* Hook.; *Dicnemoloma pallidum* (Hook.) Wijk & Margad.
 = *Dicranum sieberianum* Hornsch. ex Spreng.; *Dicnemoloma sieberianum* (Spreng.) Broth.

= *Dicranum incanum* Mitt.

Sclerodontium pallidum (Hook.) Schwägr. subsp. *pallidum*

Family: **Ditrichaceae** Limpr.

Ceratodon Brid.

Ceratodon purpureus (Hedw.) Brid.

- ≡ *Dicranum purpureum* Hedw.
- = *Ceratodon delicatulus* Müll.Hal.
- = *Ceratodon elimbatus* Broth.
- = *Ceratodon delicatulus* var. *minor* Müll.Hal.
- = *Didymodon calycinus* Dixon

Chrysoblastella R.S.Williams

Chrysoblastella chilensis (Mont.) Reimers

- ≡ *Trichostomum chilense* Mont.; *Cheilothela chilensis* (Mont.) Broth.
- = *Cheilothela novae-seelandiae* Broth.; *Chrysoblastella novae-seelandiae* (Broth.) Reimers

Distichium Bruch & Schimp.

= *Cynodontium* Hedw.

Distichium capillaceum (Hedw.) Bruch & Schimp.

≡ *Cynodontium capillaceum* Hedw.

Ditrichum Timm ex Hampe

- = *Lophiodon* Hook.f. & Wilson
- = *Pseudoditrichium* Cardot

Ditrichum brevirostre (R.Br.bis) Broth.

- ≡ *Trichostomum brevirostrum* R.Br.bis
- = *Dicranella perfalcata* E.B.Bartram & Dixon

Ditrichum brotherusii (R.Br.bis) Seppelt

≡ *Weissia brotherusii* R.Br.bis; *Pseudoditrichium brotherusii* (R.Br.bis) Dixon

Ditrichum buchananii (R.Br.bis) Broth.

≡ *Trichostomum buchananii* R.Br.bis; *Pseudoditrichium buchananii* (R.Br.bis) Dixon

Ditrichum cylindricarpum (Müll.Hal.) F.Muell.

- ≡ *Leptotrichum cylindricarpum* Müll.Hal.
- = *Trichostomum elongatum* Hook.f. & Wilson; *Ditrichum elongatum* (Hook.f. & Wilson) Mitt.

Ditrichum difficile (Duby) M.Fleisch.

- ≡ *Trichostomum difficile* Duby
- = *Ditrichum flexifolium* Hampe

Ditrichum flexicaule (Schwägr.) Hampe

- ≡ *Cynodontium flexicaule* Schwägr.
- = *Ditrichum fragilicuspis* Dixon & Sainsbury

Ditrichum punctulatum Mitt.

- = *Ditrichum filiformifolium* (R.Br.bis) Broth.
- = *Dicranella vaginata* var. *longifolia* Dixon & Sainsbury

Ditrichum rufoaureum (Hampe) J.H.Willis

≡ *Aongstroemia rufoaurea* Hampe; *Dicranella rufoaurea* (Hampe) A.Jaeger

Ditrichum strictum (Hook.f. & Wilson) Hampe

- ≡ *Lophiodon strictus* Hook.f. & Wilson; *Ditrichum australe* (Mitt.) Mitt.; *Trichostomum australe* Mitt.
- = *Leptotrichum australe* Mitt.

Eccremidium Wilson

**Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott

- ≡ *Bruchia minuta* Mitt.
- = *Ephemerum whiteleggei* Broth. & Geh.
- = *Bruchia minutissima* Dixon & Sainsbury; *Sportledera minutissima* (Dixon & Sainsbury) Sainsbury

Eccremidium pulchellum (Hook.f. & Wilson) Müll.Hal.

≡ *Schistidium pulchellum* Hook.f. & Wilson

Pleuridium Rabenh.

Pleuridium arnoldii (R.Br.bis) Paris

≡ *Phascum arnoldii* R.Br.bis

Pleuridium nervosum (Hook.) Mitt.

≡ *Phascum nervosum* Hook.

Pleuridium subulatum (Hedw.) Rabenh.

≡ *Phascum subulatum* Hedw.

**Pseudephemerum* (Lindb.) I.Hagen

≡ *Pleuridium* sect. *Ephemerum* Lindb.

**Pseudephemerum nitidum* (Hedw.) Loeske

- ≡ *Phascum nitidum* Hedw.; *Pleuridium nitidum* (Hedw.) Rabenh.
- = *Phascum axillare* Dicks.; *Pseudephemerum axillare* (Dicks.) I.Hagen

Saelania Lindb.

Saelania glaucescens (Hedw.) Bom. & Broth.

≡ *Trichostomum glaucescens* Hedw.

**Trichodon* Schimp.

**Trichodon cylindricus* (Hedw.) Schimp.

≡ *Trichostomum cylindricum* Hedw.; *Ditrichum cylindricum* (Hedw.) Grout

Wilsoniella Müll.Hal.

Wilsoniella blindioides (Broth.) Sainsbury

Family: *Erpodiaceae* Broth.

Erpodium (Brid.) Müll.Hal.

= *Aulacopilum* Wilson

Erpodium glaucum (Wilson) I.G.Stone

= *Aulacopilum glaucum* Wilson

Family: *Fissidentaceae* Schimp.

Fissidens Hedw.

= *Octodiceras* Brid.

Fissidens adianthoides Hedw.

Fissidens anisophyllus Dixon

Fissidens asplenioides Hedw.

= *Fissidens ligulatus* Hook.f. & Wilson

= *Fissidens knightii* Reichardt

Fissidens berteroi (Mont.) Müll.Hal.

= *Conomitrium berteroi* Mont.

= *Conomitrium dillenii* Mont.

= *Conomitrium muelleri* Hampe; *Octodiceras muelleri* (Hampe) A.Jaeger; *Fissidens muelleri* (Hampe) Mitt.

Fissidens blechnoides J.E.Beever

**Fissidens bryoides* Hedw.

Fissidens capitatus Hook.f. & Wilson

= *Fissidens oblongifolius* var. *capitatus* (Hook.f. & Wilson) Hook.f. & Wilson

Fissidens crispulus Brid.

Fissidens crispulus var. *robinsonii* (Broth.) Z.Iwats. & Z.H.Li

= *Fissidens robinsonii* Broth.

Fissidens curvatus Hornsch.

= *Fissidens viridulus* var. *acuminatus* Hook.f. & Wilson

= *Fissidens pungens* Müll.Hal. & Hampe

= *Fissidens campylooneurus* Beckett

¿*Fissidens curvatus* Hornsch. var. *curvatus*

Fissidens curvatus var. *inclinabilis* (Dixon) J.E.Beever

= *Fissidens inclinabilis* Müll.Hal. ex Dixon; *Fissidens pungens* var. *inclinabilis* (Dixon) Sainsbury

= *Fissidens subelamellosus* Dixon

Fissidens dealbatus Hook.f. & Wilson

Fissidens dietrichiae Müll.Hal.

**Fissidens dubius* P.Beauv.

= *Fissidens cristatus* Mitt.

**Fissidens exilis* Hedw.

Fissidens hylogenes Dixon

Fissidens hyophilus Mitt.

= *Fissidens oblongifolius* var. *hyophilus* (Mitt.) J.E.Beever & I.G.Stone

= *Fissidens arboreus* Broth.

Fissidens integerrimus Mitt.

Fissidens leptocladus Müll.Hal. ex Rodway

= *Fissidens cheesemanii* Geh.

= *Fissidens gonioneurus* Müll.Hal.

= *Fissidens leptocladus* var. *cheesemanii* Dixon

= *Fissidens leptocladus* subsp. *gonioneurus* Dixon

= *Fissidens obscurifolius* Dixon

= *Fissidens variolimbatus* Allison

Fissidens linearis Brid.

= *Fissidens arcuatulus* Broth. & Watts; *Fissidens aeruginosus* var. *arcuatulus* (Broth. & Watts) I.G.Stone

= *Fissidens allisonii* Dixon & Sainsbury; *Fissidens humilis* var. *allisonii* (Dixon & Sainsbury) Sainsbury; *Fissidens aeruginosus* var. *allisonii* (Dixon & Sainsbury) I.G.Stone

Fissidens linearis var. *angustifolius* (Dixon) I.G.Stone

= *Fissidens humilis* var. *angustifolius* Dixon

= *Fissidens aeruginosus* Hook.f. & Wilson; *Fissidens linearis* var. *aeruginosus* (Hook.f. & Wilson) I.G.Stone

= *Fissidens abbreviatus* Mitt.

Fissidens linearis Brid. var. *linearis*

Fissidens megalotis Schimp. ex Müll.Hal.

= *Fissidens vittatus* Hook.f. & Wilson

Fissidens megalotis Schimp. ex Müll.Hal. subsp. *megalotis*

Fissidens oblongifolius Hook.f. & Wilson

Fissidens pallidus Hook.f. & Wilson

Fissidens perangustus Broth.

Fissidens rigidulus Hook.f. & Wilson

Fissidens rigidulus var. *pseudostriatus* J.E.Beever

Fissidens rigidulus Hook.f. & Wilson var. *rigidulus*

Fissidens strictus Hook.f. & Wilson

**Fissidens taxifolius* Hedw.

Fissidens taylorii Müll.Hal.

= *Fissidens pygmaeus* Taylor

= *Fissidens ramiger* Beckett

Fissidens taylorii var. *epiphytus* (Allison) I.G.Stone & J.E.Beever

≡ *Fissidens epiphytus* Allison

Fissidens taylorii var. *sainsburianus* J.E.Beever

≡ *Sainsburia novae-zealandiae* Dixon; *Fissidens taylorii* var. *sainsburiana* Allison

= *Fissidens brevifolius* Hook.f. & Wilson

Fissidens taylorii Müll.Hal. var. *taylorii*

Fissidens tenellus Hook.f. & Wilson

Fissidens tenellus var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone

≡ *Conomitrium perpusillum* Müll.Hal. & Hampe; *Fissidens australiensis* A.Jaeger; *Fissidens perpusillum* (Müll.Hal. & Hampe) Mitt.

Fissidens tenellus Hook.f. & Wilson var. *tenellus*

Fissidens waiensis J.E.Beever

Family: Leucobryaceae Schimp.

Leucobryum Hampe

Leucobryum javense (Brid.) Mitt.

≡ *Sphagnum javense* Brid.

= *Dicranum candidum* P.Beauv.; *Leucobryum candidum* (P.Beauv.) Hook.f. & Wilson

= *Leucobryum pentastichum* Dozy & Molk.

= *Leucobryum laticaulae* Müll.Hal.

Family: Rhabdoweisiaceae Limpr.

Amphidium Schimp.

Amphidium cyathicarpum (Mont.) Broth.

≡ *Zygodon cyathicarpus* Mont.

= *Zygodon integrifolius* Beckett

= *Zygodon compactus* Müll.Hal.

Amphidium lapponicum (Hedw.) Schimp.

≡ *Anictangium lapponicum* Hedw.; *Amphidium lapponicum* (Hedw.) Schimp.

Dicranoweisia Lindb. ex Milde

Dicranoweisia antarctica (Müll.Hal.) Kindb.

≡ *Blindia antarctica* Müll.Hal.

= *Blindia chrysea* Müll.Hal.

= *Weissia webbii* R.Br.bis

= *Dicranum mackayi* Broth. & Dixon; *Holodontium mackayi* (Broth. & Dixon) Broth.; *Dicranoweisia mackayi* (Broth. & Dixon) Broth.

Holodontium (Mitt.) Broth.

≡ *Dicranum* sect. *Holodontium* Mitt.

Holodontium strictum (Hook.f. & Wilson) Ochyra

≡ *Weissia stricta* Hook.f. & Wilson

= *Dicranum inerme* Mitt.; *Holodontium inerme* (Mitt.) Broth.

= *Chorisodontium burrowsii* Allison

Order: Grimmiiales M.Fleisch.

Family: Grimmiaceae Arn.

Coscinodon Spreng.

Coscinodon calyptratus (Drumm.) Kindb.

≡ *Grimmia calyptrata* Drumm.

Grimmia Hedw.

Grimmia anodon Bruch & Schimp.

Grimmia australis (Dixon & Sainsbury) J.M.Muñoz & Ochyra

≡ *Coscinodon australis* Dixon & Sainsbury

= *Grimmia immersa* Ochyra

= *Grimmia perpilosa* Ochyra

Grimmia incrassicapsulis B.G.Bell

≡ *Grimmia inaequalis* Dixon & Sainsbury

Grimmia laevigata (Brid.) Brid.

≡ *Campylopus laevigatus* Brid.

= *Grimmia campestris* Burch. ex Hook.

= *Grimmia bellii* R.Br.bis

Grimmia longirostris Hook.

= *Grimmia affinis* Hornsch.

Grimmia plagiopodia Hedw.

= *Grimmia argentea* R.Br.bis

Grimmia pulvinata (Hedw.) Sm. & Sowerby

≡ *Fissidens pulvinatus* Hedw.

Grimmia pulvinata var. *africana* (Hedw.) Hook.f. & Wilson

≡ *Fissidens pulvinatus* var. *africanus* Hedw.

= *Grimmia obovata* R.Br.bis

= *Grimmia pusilla* R.Br.bis

= *Grimmia rotunda* R.Br.bis

= *Grimmia webbii* R.Br.bis

= *Grimmia coarctata* Müll.Hal.

Grimmia reflexidens Müll.Hal.

= *Grimmia grisea* Cardot

= *Grimmia asperitricha* Dixon & Sainsbury

Grimmia trichophylla Grev.

= *Grimmia cockaynei* R.Br.bis

- = *Grimmia finitima* R.Br.bis
- = *Grimmia flexifolia* R.Br.bis
- = *Grimmia petriei* R.Br.bis
- = *Grimmia stevensii* R.Br.bis
- = *Grimmia versabilis* R.Br.bis
- = *Grimmia kaikouraensis* R.Br.bis

Grimmia wilsonii H.Greven

Racomitrium Brid.

Racomitrium crispulum (Hook.f. & Wilson) Hook.f. & Wilson

- ≡ *Dryptodon crispulus* Hook.f. & Wilson
- = *Grimmia elegans* Müll.Hal.; *Bucklandiella elegans* (Müll.Hal.) Bednarek-Ochyra & Ochyra

Racomitrium crumianum Fife

- ≡ *Bucklandiella crumiana* (Fife) Bednarek-Ochyra & Ochyra

Racomitrium curiosissimum Bednarek-Ochyra & Ochyra

- ≡ *Bucklandiella curiosissima* (Bednarek-Ochyra & Ochyra) Bednarek-Ochyra & Ochyra

Racomitrium didymum (Mont.) Lorentz

- ≡ *Grimmia didyma* Mont.; *Bucklandiella didyma* (Mont.) Bednarek-Ochyra & Ochyra

Racomitrium elongatum Frisvoll

- ≡ *Niphotrichum elongatum* (Frisvoll) Bednarek-Ochyra & Ochyra

Racomitrium lanuginosum (Hedw.) Brid.

- ≡ *Trichostomum lanuginosum* Hedw.

Racomitrium pruinatum (Hook.f. & Wilson) Müll.Hal.

- ≡ *Racomitrium lanuginosum* var. *pruinatum* Hook.f. & Wilson

Racomitrium ptychophyllum (Mitt.) Mitt.

- ≡ *Grimmia ptychophylla* Mitt.

Racomitrium striatipilum Cardot

- = *Bucklandiella allanffei* Bednarek-Ochyra & Ochyra

Schistidium Brid.

Schistidium apocarpum (Hedw.) Bruch & Schimp.

- ≡ *Grimmia apocarpa* Hedw.
- = *Grimmia hedwigacea* Müll.Hal.
- = *Grimmia oamaruense* R.Br.bis

Schistidium rivulare (Brid.) Podp.

- ≡ *Grimmia rivularis* Brid.

Schistidium rivulare (Brid.) Podp. var. *rivulare*

Schistidium rivulare var. *subflexifolium* (Müll.Hal.) Fife

- ≡ *Grimmia subflexifolia* Müll.Hal.; *Schistidium subflexifolium* (Müll.Hal.) Ochyra
- = *Grimmia aquatica* R.Br.bis; *Schistidium aquaticum* Ochyra

Family: Ptychomitriaceae Schimp.

Ptychomitrium Fűrnr.

- = *Brachysteleum* Rchb.

Ptychomitrium australe (Hampe) A.Jaeger

- ≡ *Brachysteleum australe* Hampe
- = *Orthotrichum hurunui* R.Br.bis
- = *Grimmia barrii* R.Br.bis; *Ptychomitrium barrii* (R.Br.bis) Dixon
- = *Grimmia turneri* R.Br.bis

Family: Seligeriaceae Schimp.

Blindia Bruch & Schimp.

Blindia contecta (Hook.f. & Wilson) Müll.Hal.

- ≡ *Weissia contecta* Hook.f. & Wilson

Blindia immersa (E.B.Bartram & Dixon) Sainsbury

- ≡ *Blindiopsis immersa* E.B.Bartram & Dixon

Blindia lewinskyae J.K.Bartlett & Vitt

Blindia magellanica Schimp.

- = *Blindia acuta* var. *curviseta* Hook.f. & Wilson
- = *Blindia theriotii* R.Br.bis

Blindia martinii Sainsbury

- = *Blindia egmontensis* Sainsbury

Blindia robusta Hampe

- = *Dicranum tenuifolium* Hook.f. & Wilson; *Blindia tenuifolia* Mitt.
- = *Dicranum colinum* R.Br.bis
- = *Dicranum rupestre* R.Br.bis
- = *Blindia tasmanica* Sainsbury

Blindia seppeltii J.K.Bartlett & Vitt

Seligeria Bruch & Schimp.

Seligeria cardotii R.Br.bis

Seligeria diminuta (R.Br.bis) Dixon

- ≡ *Grimmia diminuta* R.Br.bis

Order: Pottiales M.Fleisch.

Family: *Ephemeraceae J.W.Griff. & Henfr.

***Ephemerum** Hampe

- = *Ephemerella* Müll.Hal.

**Ephemerum serratum* (Hedw.) Hampe

≡ *Phascum serratum* Hedw.

**Ephemerum sessile* (Bruch) Müll.Hal.

≡ *Phascum sessile* Bruch; *Ephemerum crassinervium* subsp. *sessile* (Bruch) Holyoak

**Micromitrium* Austin

**Micromitrium tenerum* (Bruch & Schimp.) Crosby

≡ *Phascum tenerum* Bruch & Schimp.; *Nanomitrium tenerum* (Bruch & Schimp.) Lindb.

Family: Mitteniaceae Broth.

Mittenia Lindb.

Mittenia plumula (Mitt.) Lindb.

≡ *Mniopsis plumula* Mitt.

= *Mniopsis rotundifolia* Müll.Hal.; *Mittenia rotundifolia* (Müll.Hal.) Paris

Family: Pleurophascaceae Broth.

Pleurophascum Lindb.

Pleurophascum ovalifolium Fife & P.J.Dalton

≡ *Pleurophascum grandiglobum* var. *decurrens* Sainsbury

Family: Pottiaceae Hampe

Acaulon Müll.Hal.

Acaulon integrifolium Müll.Hal.

= *Phascum apiculatum* Hook.f. & Wilson

= *Acaulon apiculatum* Mitt.

Aloina Kindb.

Aloina ambigua (Bruch & Schimp.) Limpr.

≡ *Barbula ambigua* Bruch & Schimp.

Aloina bifrons (De Not.) Delgad.

≡ *Tortula bifrons* De Not.

= *Barbula sullivaniana* Müll.Hal.; *Aloina sullivaniana* (Müll.Hal.) Broth.

Anoetangium Schwägr.

= *Anictangium* Hedw.

Anoetangium aestivum (Hedw.) Mitt.

≡ *Gymnostomum aestivum* Hedw.

= *Anoetangium compactum* Schwägr.

= *Anoetangium bellii* Dixon

Ardeuma R.H.Zander & Hedd.

Ardeuma recurvirostrum R.H.Zander & Hedd.

≡ *Gymnostomum recurvirostrum* Hedw.; *Hymenostylium recurvirostrum* (Hedw.) Dixon

Barbula Hedw.

Barbula calycina Schwägr.

≡ *Tortula calycina* (Schwägr.) Hook. & Grev.; *Tortella calycina* (Schwägr.) Dixon

= *Tortula walkeri* R.Br.bis

**Barbula convoluta* Hedw.

**Barbula unguiculata* Hedw.

= *Tortula flavinervis* var. *obscura* Dixon; *Barbula pseudopilifera* var. *obscura* (Dixon) Sainsbury; *Pseudocrossidium crinitum* var. *obscurum* (Dixon) B.H.Macmill. & Fife

Bryoerythrophyllum P.C.Chen

≡ *Barbula* sect. *Erythrophyllum* Lindb.; *Erythrophyllum* (Lindb.) Loeske

= *Erythrobarbula* Steere

Bryoerythrophyllum dubium (Schwägr.) P.Sollman

≡ *Syrhropodon dubius* Schwägr.; *Didymodon dubius* (Schwägr.) Paris

= *Trichostomum binnsii* R.Br.bis; *Didymodon binnsii* (R.Br.bis) Dixon; *Erythrobarbula binnsii* (R.Br.bis) Sainsbury; *Bryoerythrophyllum binnsii* (R.Br.bis) Wijk & Margad.

Bryoerythrophyllum recurvirostrum (Hedw.) P.C.Chen

≡ *Weissia recurvirostra* Hedw.; *Erythrobarbula recurvirostra* (Hedw.) Steere

= *Didymodon rubellus* var. *dentatus* Schimp.

= *Didymodon erubescens* Mitt.

= *Trichostomum curvithecum* R.Br.bis

= *Erythrobarbula recurvirostra* var. *dentata* (Schimp.) Sainsbury

Calyptopogon (Mitt.) Broth.

≡ *Streptopogon* sect. *Calyptopogon* Mitt.

Calyptopogon mnioides (Schwägr.) Broth.

≡ *Barbula mnioides* Schwägr.

= *Streptopogon hookeri* R.Br.bis

= *Calyptopogon mnioides* var. *augustelimbatus* E.S.Salmon

**Chenia* R.H.Zander

= *Leptophascum* (Müll.Hal.) J.Guerra & M.J.Cano

**Chenia leptophylla* (Müll.Hal.) R.H.Zander

≡ *Phascum leptophyllum* Müll.Hal.; *Leptophascum leptophyllum* (Müll.Hal.) J.Guerra & M.J.Cano

Crossidium Jur.

Crossidium davidai Catches.

Crossidium geheebii (Broth.) Broth.

≡ *Tortula geheebii* Broth.

Didymodon Hedw.

Didymodon australasiae (Hook. & Grev.) R.H.Zander

- ≡ *Tortula australasiae* Hook. & Grev.; *Barbula australasiae* (Hook. & Grev.) Brid.; *Trichostomopsis australasiae* (Hook. & Grev.) H.Rob.
- = *Trichostomum gracile* R.Br.bis
- = *Weissia acutifolia* R.Br.bis
- = *Weissia kaikouraensis* R.Br.bis
- = *Trichostomum mokonuiense* R.Br.bis

Didymodon ceratodonteus (Müll.Hal.) Dixon

- ≡ *Pottia ceratodonte* Müll.Hal.
- = *Gymnostomum knightii* Schimp. ex Knight
- = *Weissia searellii* R.Br.bis

Didymodon novae-zelandiae J.E.Beever & Fife

Didymodon tophaceus (Brid.) Lisa

- ≡ *Trichostomum tophaceum* Brid.
- = *Trichostomum lingulatum* Hook.f. & Wilson; *Didymodon lingulatus* (Hook.f. & Wilson) Broth.; *Desmatodon lingulatus* (Hook.f. & Wilson) Sainsbury
- = *Trichostomum theriotii* R.Br.bis

Didymodon torquatus (Taylor) Catches.

- ≡ *Barbula torquata* Taylor; *Tortula torquata* (Taylor) Hook.f. & Wilson
- = *Tortula crispifolia* Mitt.; *Barbula crispifolia* (Mitt.) A.Jaeger
- = *Tortula bellii* R.Br.bis

Didymodon weymouthii (R.Br.bis) R.H.Zander

- ≡ *Weissia weymouthii* R.Br.bis; *Weissia lancifolia* var. *weymouthii* (R.Br.bis) Wijk & Margad.; *Geheebia weymouthii* (R.Br.bis) R.H.Zander
- = *Trichostomum cockaynei* R.Br.bis

Gymnostomum Nees & Hornsch.

Gymnostomum calcareum Nees & Hornsch.

- = *Gymnostomum angustatum* C.Knight
- = *Gymnostomum pygmaeum* R.Br.bis
- = *Gymnostomum calcareum* var. *australe* Broth. & Geh.
- = *Weissia torlessensis* R.Br.bis
- = *Gymnostomum gibsonii* R.Br. bis
- = *Gymnostomum parisii* R.Br.bis
- = *Gymnostomum salmonii* R.Br.bis
- = *Gymnostomum calcareum* var. *longifolium* Dixon

Hennediella Paris

Hennediella arenae (Besch.) R.H.Zander

- ≡ *Barbula arenae* Besch.; *Tortula arenae* (Besch.) Broth.

Hennediella arenae (Besch.) R.H.Zander var. *arenae*

- ≡ *Tortula arenae* (Besch.) Broth. var. *arenae*

Hennediella arenae var. *petriei* (Broth.) R.H.Zander

- ≡ *Tortula petriei* Broth.; *Tortula arenae* subsp. *petriei* (Broth.) Lightowl.
- = *Tortula torlessensis* R.Br.bis

Hennediella heimii (Hedw.) R.H.Zander

- ≡ *Gymnostomum heimii* Hedw.; *Pottia heimii* (Hedw.) Hampe; *Desmatodon heimii* (Hedw.) Mitt.

Hennediella macrophylla (R.Br.bis) Paris

- ≡ *Hennedia macrophylla* R.Br.bis; *Pottia macrophylla* (R.Br.bis) Sainsbury
- = *Hennedia intermedia* R.Br.bis; *Hennediella intermedia* (R.Br.bis) Paris
- = *Pottia marginata* Beckett
- = *Hennediella microphylla* (R.Br.bis) Paris
- = *Beckettia bruchioides* Müll.Hal.

Hyophila Brid.

Hyophila involuta (Hook.) A.Jaeger

- ≡ *Gymnostomum involutum* Hook.

Hyophila novae-seelandiae Dixon & Sainsbury

Leptodontium (Müll.Hal.) Lindb.

- ≡ *Trichostomum* sect. *Leptodontium* Müll.Hal.

Leptodontium interruptum (Mitt.) Broth.

- ≡ *Didymodon interruptus* Mitt.

Microbryum Schimp.

Microbryum davallianum (Sm.) R.H.Zander

- ≡ *Gymnostomum davallianum* Sm.; *Pottia davalliana* (Sm.) C.E.O.Jensen
- = *Pottia starckeana* subsp. *minutula* (Schwägr.) D.F.Chamb.; *Gymnostomum minutulum* Schwägr.
- = *Pottia zealandioides* Dixon & Sainsbury

Microbryum starckeana (Hedw.) R.H.Zander

- ≡ *Pottia starckeana* (Hedw.) Müll.Hal.; *Weissia starckeana* Hedw.
- = *Anacalypta zealandiae* R.Br.bis; *Pottia zealandiae* (R.Br.bis) Paris

Pseudocrossidium R.S.Williams

Pseudocrossidium crinitum (Schultz) R.H.Zander

- ≡ *Barbula crinita* Schultz
- = *Trichostomum grossirete* Broth. & Dixon; *Tortula flavinervis* Dixon
- = *Tortula flavinervis* var. *gigantea* Dixon & Sainsbury

**Pseudocrossidium hornsouchianum* (Schultz) R.H.Zander

- ≡ *Barbula hornsouchiana* Schultz

Pterygoneurum Jur.

Pterygoneurum macleanum Warnst.

**Pterygoneurum ovatum* (Hedw.) Dixon

- ≡ *Gymnostomum ovatum* Hedw.
- = *Pterygoneurum cavifolium* Jur.

Syntrichia Brid.

***Syntrichia anderssonii* (Ångstr.) R.H.Zander**

- ≡ *Tortula anderssonii* Ångstr.
- = *Barbula austroalpina* Müll.Hal.; *Tortula austroalpina* (Müll.Hal.) Broth.
- = *Tortula bealeyensis* R.Br.bis
- = *Tortula kowaiensis* R.Br.bis
- = *Tortula stevensii* R.Br.bis; *Barbula stevensii* (R.Br.bis) Paris

***Syntrichia antarctica* (Hampe) R.H.Zander**

- ≡ *Barbula antarctica* Hampe; *Tortula antarctica* (Hampe) Hook.f. & Wilson
- = *Tortula elliptotheca* R.Br.bis
- = *Tortula maudiae* R.Br.bis
- = *Tortula oblongifolia* R.Br.bis
- = *Tortula panduriforma* R.Br.bis
- = *Tortula searllii* R.Br.bis
- = *Tortula synecia* R.Br.bis

***Syntrichia laevipila* Brid.**

- ≡ *Tortula laevipila* (Brid.) Schwägr.
- = *Barbula pagorum* Milde; *Tortula pagorum* (Milde) De Not.; *Syntrichia pagorum* (Milde) J.J.Amann

***Syntrichia lithophila* (Dusén) Ochyra & R.H. Zander**

- ≡ *Tortula lithophila* Dusén
- = *Tortula abruptinervis* Dixon

***Syntrichia papillosa* (Wilson ex Spruce) Jur.**

- ≡ *Tortula papillosa* Wilson ex Spruce
- = *Barbula breviseta* Müll.Hal. & Hampe; *Barbula brevisetacea* Hampe ex F.Muell.; *Tortula brevisetacea* (Hampe ex F.Muell.) Thér.; *Syntrichia brevisetacea* (Hampe ex F.Muell.) R.H.Zander

***Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander**

- ≡ *Trichostomum phaeum* Hook.f. & Wilson; *Tortula phaea* (Hook.f. & Wilson) Dixon
- = *Tortula brevitheca* R.Br.bis
- = *Tortula lancifolia* R.Br.bis
- = *Tortula linearifolia* R.Br.bis
- = *Tortula subbrunea* Broth. & Watts

***Syntrichia rubra* (Mitt.) R.H.Zander**

- ≡ *Tortula rubra* Mitt.
- = *Tortula dioica* R.Br.bis
- = *Tortula subantarctica* Sainsbury; *Tortula rubra* var. *subantarctica* (Sainsbury) Lightowlers; *Syntrichia rubra* var. *subantarctica* (Sainsbury) R.H.Zander

***Syntrichia ruralis* (Hedw.) F.Weber & D.Mohr**

- ≡ *Barbula ruralis* Hedw.

***Syntrichia serrata* (Dixon) R.H.Zander**

- ≡ *Tortula serrata* Dixon

***Tetracoscinodon* R.Br.bis**

***Tetracoscinodon irroratus* (Mitt.) R.H.Zander**

- ≡ *Weissia irrorata* Mitt.; *Eucladium irroratum* (Mitt.) A.Jaeger
- = *Tetracoscinodon hectorii* R.Br.bis
- = *Dicranum gulliveri* R.Br.bis
- = *Weissia petriei* R.Br.bis

***Tortella* (Müll.Hal.) Limpr.**

- ≡ *Barbula* sect. *Tortella* Müll.Hal.

***Tortella cirrhata* Broth.**

- = *Tortella mooreae* Sainsbury
- = *Trichostomum eckelianum* R.H.Zander

***Tortella flavovirens* (Bruch) Broth.**

- ≡ *Trichostomum flavovirens* Bruch
- = *Trichostomum rubripes* Mitt.; *Tortella rubripes* (Mitt.) Broth.
- = *Tortella fristedtii* (Müll.Hal.) Broth.
- = *Barbula fristedtii* Müll.Hal.

***Tortella fragilis* (Hook. & Wilson) Limpr.**

- ≡ *Didymodon fragilis* Hook. & Wilson

***Tortella knightii* (Mitt.) Broth.**

- ≡ *Tortula knightii* Mitt.
- = *Trichostomum avonense* R.Br.bis
- = *Trichostomum contortifolium* R.Br.bis
- = *Trichostomum linearifolium* R.Br.bis
- = *Trichostomum repandifolium* R.Br.bis

***Tortula* Hedw.**

- = *Dendia* R.Br.bis

****Tortula acaulon* (With.) R.H.Zander**

- ≡ *Phascum acaulon* With.

***Tortula areolata* (C.Knight) Fife**

- ≡ *Gymnostomum areolatum* C.Knight; *Pottia areolata* (C.Knight) R.Br.bis
- = *Pottia longifolia* R.Br.bis
- = *Pottia stevensii* R.Br.bis; *Tortula sainsburyana* R.H.Zander

***Tortula atrovirens* (Sm.) Lindb.**

- ≡ *Grimmia atrovirens* Sm.
- = *Trichostomum convolutum* Brid.; *Desmatodon convolutus* (Brid.) Grout
- = *Trichostomum apiculatum* R.Br.bis
- = *Trichostomum ligulatum* R.Br.bis
- = *Trichostomum minutifolium* R.Br.bis
- = *Trichostomum searellii* R.Br.bis
- = *Tortula minuta* R.Br.bis
- = *Tortula arida* R.Br.bis

**Tortula marginata* (Bruch & Schimp.) Spruce

≡ *Barbula marginata* Bruch & Schimp.

**Tortula mucronifolia* Schwägr.

Tortula muralis Hedw.

= *Tortula binnsii* R.Br.bis
 = *Tortula gulliverii* R.Br.bis
 = *Tortula pulvinata* R.Br.bis
 = *Tortula hutchinsonii* R.Br.bis

Tortula splachnoides (Hornsch.) R.H.Zander

≡ *Phascum splachnoides* Hornsch.
 = *Phascum drummondii* Wilson; *Pottia drummondii* (Wilson) J.H.Willis
 = *Dendia maritima* R.Br.bis; *Pottia maritima* (R.Br.bis) Broth.; *Tortula maritima* (R.Br.bis) R.H.Zander

**Tortula truncata* (Hedw.) Mitt.

≡ *Gymnostomum truncatum* Hedw.; *Pottia truncata* (Hedw.) Bruch & Schimp.

Tortula viridipila Dixon & Sainsbury

≡ *Desmatodon viridipilus* (Dixon & Sainsbury) Sainsbury

Trichostomum Bruch

Trichostomum brachydontium Bruch

Trichostomum imshaugii (Vitt) R.H.Zander

≡ *Barbula imshaugii* Vitt

Trichostomum sciophilum Müll.Hal.

Trichostomum tenuirostre (Hook. & Taylor) Lindb.

≡ *Weissia tenuirostris* Hook. & Taylor

Triquetrella Müll.Hal.

Triquetrella papillata (Hook.f. & Wilson) Broth.

≡ *Didymodon papillatus* Hook.f. & Wilson
 = *Triquetrella filiformis* Müll.Hal.

Triquetrella tasmanica (Broth.) Granzow

≡ *Anomodon tasmanicus* Broth.
 = *Triquetrella curvifolia* Dixon & Sainsbury

Weissia Hedw.

Weissia austrocrispa (Beckett) I.G.Stone

≡ *Astomum austrocrispum* (Beckett) Broth.; *Phascum austrocrispum* Beckett; *Trichostomum austrocrispum* (Beckett) R.H.Zander
 = *Phascum lanceolatum* R.Br.bis
 = *Phascum longifolium* R.Br.bis

Weissia controversa Hedw.

Weissia controversa Hedw. var. *controversa*

Weissia controversa var. *gymnostoma* Sainsbury

≡ *Weissia viridula* var. *gymnostoma* Dixon
 = *Gymnostomum waimakaririense* R.Br.bis

Weissia patula (C.Knight) Fife

≡ *Hymenostomum patulum* (C.Knight) Dixon; *Gymnostomum patulum* C.Knight

Willia Müll.Hal.

Willia calobolax (Müll.Hal.) Lightowlers

≡ *Barbula calobolax* Müll.Hal.
 = *Tortula pachyneura* Dixon & Sainsbury

Order: Scouleriales Goffinet & W.R.Buck

Family: Scouleriaceae S.P.Churchill

Tridontium Hook.f.

Tridontium tasmanicum Hook.f.

= *Weissia weymouthii* var. *lancifolia* (R.Br.bis) Dixon; *Dicranum lancifolium* R.Br.bis; *Weissia lancifolia* (R.Br.bis) Wijk & Margad.
 = *Dicranum kowaiense* R.Br.bis
 = *Cinclidotus australis* Dixon

Subclass: Funariidae Ochyra

Order: Encalyptales Dixon

Family: Encalyptaceae Schimp.

Encalypta Hedw.

Encalypta raptocarpa Schwägr.

Encalypta vulgaris Hedw.

= *Encalypta novae-zealandiae* Colenso

Order: Funariales M.Fleisch.

Family: Funariaceae Schwägr.

Bryobeckettia Fife

≡ *Physcomitrella* subgen. *Exsertofructus* Fife

Bryobeckettia bartlettii (Fife) Fife

≡ *Physcomitrella bartlettii* Fife

Entosthodon Schwägr.

Entosthodon apophysatus (Taylor) Mitt.

≡ *Gymnostomum apophysatum* Taylor; *Physcomitrium apophysatum* (Taylor) Hook.f. & Wilson; *Funaria apophysata* (Taylor) Broth.

Entosthodon jamesonii (Taylor) Mitt.

≡ *Physcomitrium jamesonii* Taylor

Entosthodon jamesonii subsp. *productus* (Mitt.) Fife

≡ *Entosthodon productus* Mitt.; *Funaria producta* (Mitt.) Broth.

Entosthodon laxus (Hook.f. & Wilson) Mitt.

≡ *Gymnostomum laxum* Hook.f. & Wilson; *Physcomitrium laxum* (Hook.f. & Wilson) Müll.Hal.; *Funaria laxa* (Hook.f. & Wilson) Broth.
= *Funaria subattenuata* Broth.
= *Meesia craigieburnensis* R.Br.bis
= *Tayloria maidenii* Broth.

Entosthodon muhlenbergii (Turner) Fife

≡ *Funaria muhlenbergii* Turner
= *Funaria glabra* Taylor
= *Funaria tasmanica* Müll.Hal. & Hampe

Entosthodon radians (Hedw.) Müll.Hal.

≡ *Weissia radians* Hedw.; *Bryum radians* (Hedw.) P.Beauv.; *Eremodon radians* (Hedw.) Brid.; *Funaria radians* (Hedw.) Müll.Hal.; *Funaria crispula* Hook.f. & Wilson
= *Funaria acaulis* Hampe; *Entosthodon acaulis* (Hampe) Fife

Entosthodon subnudus (Taylor) Fife

≡ *Funaria subnuda* Taylor

Entosthodon subnudus var. *gracilis* (Hook.f. & Wilson) Fife

≡ *Entosthodon gracilis* Hook.f. & Wilson; *Funaria gracilis* (Hook.f. & Wilson) Broth.
= *Funaria cuspidata* Hook.f. & Wilson

Funaria Hedw.

Funaria hygrometrica Hedw.

Goniomitrium Hook. & Wilson

Goniomitrium acuminatum Hook. & Wilson

Physcomitridium G.Roth.

Physcomitridium readeri (Müll.Hal.) G.Roth.

≡ *Ephemerella readeri* Müll.Hal.; *Physcomitrella readeri* (Müll.Hal.) I.G.Stone & G.A.M.Scott; *Physcomitrella patens* subsp. *readeri* (Müll.Hal.) B.C.Tan
= *Physcomitrella austropatens* Broth.

Physcomitrium (Brid.) Brid.

≡ *Gymnostomum* subgen. *Physcomitrium* Brid.

Physcomitrium pusillum Hook.f. & Wilson

**Physcomitrium pyriforme* (Hedw.) Hampe

≡ *Gymnostomum pyriforme* Hedw.
= *Physcomitrium conicum* Mitt.
= *Entosthodon physcomitrioides* Müll.Hal.

Order: Gigaspermales Goffinet, Wickett, O.Werner, Ros, A.J.Shaw & C.J.Cox

Family: Gigaspermaceae Broth.

Gigaspermum Lindb.

Gigaspermum repens (Hook.) Lindb.

≡ *Anictangium repens* Hook.; *Leptangium repens* (Hook.) Mitt.

Subclass: Timmiidae Ochyra

Order: Timmiales Ochyra

Family: Timmiaceae Schimp.

Timmia Hedw.

Timmia norvegica J.E.Zetterst.

Family: Incertae sedis

Porothamnium M.Fleisch.

Porothamnium baculiferum (Dixon) Broth.

≡ *Thamnum baculiferum* Dixon

Class: Polytrichopsida Doweld.

Order: Polytrichales M.Fleisch.

Family: Polytrichaceae Schwägr.

Atrichum P.Beauv.

Atrichum androgynum (Müll.Hal.) A.Jaeger

≡ *Catharinea androgyna* Müll.Hal.
= *Atrichum ligulatum* (Mitt.) Mitt.; *Polytrichum ligulatum* Mitt.

Dawsonia R.Br.

Dawsonia superba Grev.

Dendrologotrichum (Müll.Hal.) Broth.

≡ *Catharinea* sect. *Dendrologotrichum* Müll.Hal.

Dendrologotrichum tongariroense (Colenso) Tangney

≡ *Polytrichum tongariroense* Colenso
= *Catharinea microdendron* Müll.Hal.; *Dendrologotrichum microdendron* (Müll.Hal.) G.L.Sm.; *Dendrologotrichum dendroides* subsp. *microdendron* (Müll.Hal.) G.L.Sm.

Notoligotrichum G.L.Sm.

Notoligotrichum australe (Hook.f. & Wilson) G.L.Sm.

= *Polytrichum australe* Hook.f. & Wilson; *Psilopilum australe* (Hook.f. & Wilson) Mitt.

Notoligotrichum bellii (Broth.) G.L.Sm.

= *Psilopilum bellii* Broth.

Notoligotrichum crispulum (Hook.f. & Wilson) G.L.Sm.

= *Polytrichum crispulum* Hook.f. & Wilson; *Psilopilum crispulum* (Hook.f. & Wilson) Mitt.; *Oligotrichum crispulum* (Hook.f. & Wilson) Kindb.

Oligotrichum Lam. & DC.

Oligotrichum tenuirostre (Hook.) A.Jaeger

= *Polytrichum tenuirostre* Hook.; *Catharinea tenuirostris* (Hook.) Brid.

Pogonatum P.Beauv.

Pogonatum subulatum (Brid.) Brid.

= *Polytrichum subulatum* Brid.

Polytrichadelphus (Müll.Hal.) Mitt.

= *Catharinea* sect. *Polytrichadelphus* Müll.Hall.

Polytrichadelphus magellanicus (Hedw.) Mitt.

= *Polytrichum magellanicum* Hedw.; *Oligotrichum magellanicum* (Hedw.) Kindb.

= *Polytrichum ruahinicum* Colenso

= *Polytrichum polycarpum* Colenso

Polytrichastrum G.L.Sm.

Polytrichastrum alpinum (Hedw.) G.L.Sm.

= *Polytrichum alpinum* Hedw.; *Pogonatum alpinum* (Hedw.) Röhl.

Polytrichastrum longisetum (Brid.) G.L.Sm.

= *Polytrichum longisetum* Brid.

Polytrichum Hedw.

Polytrichum commune Hedw.

Polytrichum formosum Hedw.

= *Polytrichastrum formosum* (Hedw.) G.L.Sm.

Polytrichum juniperinum Hedw.

= *Polytrichum maoriae* Müll.Hal.

Class: *Sphagnopsida* Ochyra

Order: *Sphagnales* Limpr.

Family: *Sphagnaceae* Dumort.

Sphagnum L.

Sphagnum australe Mitt.

= *Sphagnum compactum* var. *ovatum* Hook.f. & Wilson

= *Sphagnum antarcticum* Mitt.

= *Sphagnum erosum* Warnst.

Sphagnum compactum DC.

Sphagnum cristatum Hampe

= *Sphagnum leionotum* Müll.Hal.

Sphagnum falcatulum Besch.

= *Sphagnum elegans* Müll.Hal.

= *Sphagnum irritans* Warnst.

= *Sphagnum setchellii* Warnst.

Sphagnum novo-zelandicum Mitt.

= *Sphagnum pseudorufescens* Warnst.

Sphagnum perichaetiale Hampe

Sphagnum simplex Fife

Sphagnum squarrosum Crome

**Sphagnum subnitens* Russow & Warnst.

Class: *Tetraphidopsida* Goffinet & W.R.Buck

Order: *Tetraphidales* M.Fleisch.

Family: *Tetraphidaceae* Schimp.

Tetradontium Schwägr.

Tetradontium brownianum (Dicks.) Schwägr.

= *Bryum brownianum* Dicks.; *Tetraphis browniana* (Dicks.) Grev.

Phylum: *Marchantiophyta*

Class: *Haplomitriopsida* Stotler & Crand.-Stotl.

Subclass: *Haplomitriidae* Stotler & Crand.-Stotl.

Order: *Calobryales* Hamlin

Family: *Haplomitriaceae* Dědeček

Haplomitrium Nees

= *Scalius* Gray

= *Mniopsis* Dumort.

- = *Scalia* Spruce
- = *Steeeromitrium* E.O.Campb.

Haplomitrium gibbsiae (Steph.) R.M.Schust.

- ≡ *Calobryum gibbsiae* Steph.

Haplomitrium minutum (E.O.Campb.) J.J.Engel & R.M.Schust.

- ≡ *Steeeromitrium minutum* E.O.Campb.; *Haplomitrium hookeri* var. *minutum* (E.O.Campb.) Bartholomew-Began

Haplomitrium ovalifolium R.M.Schust.

Subclass: Treubiidae Stotler & Crand.-Stotl.

Order: Treubiales Schljakov

Family: Treubiaceae Verd.

Treubia

Treubia lacunosa (Colenso) Prosk.

- ≡ *Noteroclada lacunosa* Colenso

Treubia pygmaea R.M.Schust.

Class: Jungermanniopsida Stotler & Crand.-Stotl.

Subclass: Jungermanniidae J.J.Engel

Order: Jungermanniales H.Klinggr.

Family: Acrobolbaceae E.A.Hodgs.

Acrobolbus Nees

- = *Gymnanthe* Taylor ex Lehm.
- = *Marsupidium* Mitt.
- = *Tylimanthus* Mitt.
- = *Acrobolbus* subgen. *Marsupellopsis* Schniff.; *Marsupellopsis* (Schniffn.) Berggr.

Acrobolbus cinerascens (Lehm. & Lindenb.) Bastow

- ≡ *Jungermannia cinerascens* Lehm. & Lindenb.; *Gymnanthe cinerascens* (Lehm. & Lindenb.) Mitt.; *Marsupellopsis cinerascens* (Lehm. & Lindenb.) Berggr.

Acrobolbus cinerascens (Lehm. & Lindenb.) Bastow var. *cinerascens*

Acrobolbus cinerascens var. *marginatus* J.J.Engel

Acrobolbus concinnus (Mitt.) Grolle

- ≡ *Gymnanthe concinna* Mitt.; *Lethocolea concinna* (Mitt.) Bastow
- = *Marsupidium rotundifolium* Berggr.

Acrobolbus epiphytus (Colenso) Briscoe

- ≡ *Marsupidium epiphytum* Colenso; *Tylimanthus epiphytus* (Colenso) Hamlin

Acrobolbus knightii (Mitt.) Briscoe

- ≡ *Marsupidium knightii* Mitt.; *Tylimanthus knightii* (Mitt.) Hässel & Solari
- = *Tylimanthus spinosus* Steph.

Acrobolbus lophocoleoides (Mitt.) Schiffn.

- ≡ *Gymnanthe lophocoleoides* Mitt.; *Acrobolbus lophocoleoides* (Mitt.) Mitt.

Acrobolbus ochrophyllus (Hook.f. & Taylor) R.M.Schust.

- ≡ *Jungermannia ochrophylla* Hook.f. & Taylor
- = *Sphenolobus ochrophyllus* Steph.

Acrobolbus papillosus (J.J.Engel & Glenny) Briscoe

- ≡ *Marsupidium papillosum* J.J.Engel & Glenny

Acrobolbus perpusillus (Colenso) Briscoe

- ≡ *Marsupidium perpusillum* (Colenso) E.A.Hodgs.; *Tylimanthus perpusillus* Colenso

Acrobolbus perpusillus var. *denticulatus* (J.J.Engel & Glenny) Briscoe

- ≡ *Marsupidium perpusillum* var. *denticulatum* J.J.Engel & Glenny

Acrobolbus perpusillus (Colenso) Briscoe var. *perpusillus*

- ≡ *Marsupidium perpusillum* (Colenso) E.A.Hodgs. var. *perpusillum*

Acrobolbus plagiochiloides (J.J.Engel & Glenny) Briscoe

- ≡ *Marsupidium plagiochiloides* J.J.Engel & Glenny

Acrobolbus saccatus (Hook.) Trevis.

- ≡ *Jungermannia saccata* Hook.; *Tylimanthus saccatus* (Hook.) Mitt.; *Tylimanthus saccatus* (Hook.) Mitt. ex Carrington & Pearson

Acrobolbus setulosus (Mitt.) Briscoe

- ≡ *Gymnanthe setulosa* Mitt.; *Marsupidium setulosum* (Mitt.) Mitt.; *Tylimanthus setulosus* (Mitt.) Hamlin

Acrobolbus spinifolius R.M.Schust.

Acrobolbus surculosus (Nees) Trevis.

- ≡ *Marsupidium surculosum* (Nees) Schiffn.; *Scapania surculosa* Nees; *Tylimanthus surculosus* (Nees) Hamlin
- = *Jungermannia abbreviata* Hook.f. & Taylor; *Marsupidium abbreviatum* (Hook.f. & Taylor) Steph.

Acrobolbus tenellus (Taylor ex Lehm.) Trevis.

- ≡ *Jungermannia tenella* (Taylor ex Lehm.) Hook.f. & Taylor; *Gymnanthe tenella* Taylor ex Lehm.; *Tylimanthus tenellus* (Taylor ex Lehm.) Mitt.
- = *Gymnanthe hirsutum* Colenso
- = *Tylimanthus flaccidus* Berggr.
- = *Tylimanthus angustifolius* Steph.

Acrobolbus tenellus var. *diversifolius* (E.A.Hodgs.) Briscoe

- ≡ *Tylimanthus diversifolius* E.A.Hodgs.; *Tylimanthus tenellus* var. *diversifolius* (E.A.Hodgs.) J.J.Engel

Acrobolbus tenellus (Taylor ex Lehm.) Trevis. var. *tenellus*

- ≡ *Tylimanthus tenellus* (Taylor ex Lehm.) Mitt. var. *tenellus*

Austrolophozia R.M.Schust.

Austrolophozia paradoxa R.M.Schust.

≡ *Goebelobryum paradoxum* (R.M.Schust.) E.A.Hodgs.

Goebelobryum Grolle

Goebelobryum unguiculatum (Hook.f. & Taylor) Grolle

≡ *Jungermannia unguiculata* Hook.f. & Taylor

Goebelobryum vermiculare J.J.Engel & Glenny

Lethocolea Mitt.

= *Podanthe* Taylor

= *Symphyomitra* Spruce

Lethocolea pansa (Taylor) G.A.M.Scott & K.G.Beckm.

≡ *Jungermannia pansa* Taylor

= *Lethocolea squamata* (Taylor) E.A.Hodgs.; *Podanthe squamata* Taylor

Saccogynidium Grolle

Saccogynidium australe (Mitt.) Grolle

≡ *Saccogyna australis* Mitt.

Saccogynidium decurvum (Mitt.) Grolle

≡ *Lophocolea decurva* Mitt.

Family: Adelanthaceae Mitt.

Adelanthus Mitt.

= *Calyptrocolea* R.M.Schust.

Adelanthus falcatus (Hook.) Mitt.

≡ *Jungermannia falcata* Hook.; *Odontoschisma falcata* (Hook.) Trevis.; *Calyptrocolea falcata* (Hook.) R.M.Schust.

= *Plagiochila pusilla* Mont.; *Jungermannia pusilla* (Mont.) Hook.f. & Taylor

= *Plagiochila intermixta* Colenso

= *Plagiochila subpetiolata* Colenso

= *Marsupidium capillare* Berggr.; *Plagiochila capillaris* (Berggr.) E.A.Hodgs.; *Adelanthus capillaris* (Berggr.) E.A.Hodgs.

= *Plagiochila appressifolia* Steph.

= *Plagiochila inaequalis* Steph.

Adelanthus gemmiparus (R.M.Schust.) E.A.Hodgs.

≡ *Calyptrocolea gemmipara* R.M.Schust.

Adelanthus oclusus (Hook.f. & Taylor) Carrington

≡ *Jungermannia oclusa* Hook.f. & Taylor; *Alicularia oclusa* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Odontoschisma oclusum* (Hook.f. & Taylor) Trevis.; *Jamesoniella oclusa* (Hook.f. & Taylor) Steph.; *Calyptrocolea oclusa* (Hook.f. & Taylor) R.M.Schust.

Cuspidatula Steph.

Cuspidatula kirkii (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jamesoniella kirkii* Steph.

= *Jamesoniella scolopendrina* Berggr.

= *Jamesoniella allisonii* E.A.Hodgs.

Cuspidatula monodon (Taylor ex Lehm.) Steph.

≡ *Jungermannia monodon* Taylor ex Lehm.; *Anastrophyllum monodon* (Taylor ex Lehm.) Steph.; *Jamesoniella monodon* (Taylor ex Lehm.) N.Kitag.

= *Jungermannia mondon* Hook.f. & Taylor

= *Jungermannia geminiflora* Colenso

= *Jungermannia consimilis* Colenso

Pseudomarsupidium Herzog

Pseudomarsupidium piliferum (Steph.) Herzog ex Grolle

≡ *Marsupidium piliferum* Steph.

= *Tylimanthus bisetulus* Steph.; *Adelanthus bisetulus* (Steph.) Grolle

= *Adelanthus humilis* Steph.

Syzygiella Spruce

= *Jungermannia* subgen. *Jamesoniella* Spruce; *Jamesoniella* (Spruce) Carrington

= *Cryptochila* R.M.Schust.

= *Roivainenia* Perss.

Syzygiella acinacifolia (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jungermannia acinacifolia* Hook.f. & Taylor; *Gymnomitrium acinacifolium* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Acolea acinacifolia* (Hook.f. & Taylor) Trevis.; *Cesiusa acinacifolia* (Hook.f. & Taylor) Kuntze; *Jamesoniella acinacifolia* (Hook.f. & Taylor) Berggr.; *Cryptochila acinacifolia* (Hook.f. & Taylor) Grolle

Syzygiella colorata (Lehm.) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jungermannia colorata* Lehm.; *Jamesoniella colorata* (Lehm.) Schiffn.

Syzygiella nigrescens (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jamesoniella nigrescens* Steph.; *Cryptochila nigrescens* (Steph.) Grolle

= *Jamesoniella patula* Steph.

Syzygiella pseudocclusa (E.A.Hodgs.) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Cryptochila pseudocclusa* (E.A.Hodgs.) R.M.Schust.; *Jamesoniella pseudocclusa* E.A.Hodgs.

Syzygiella sonderi (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jungermannia sonderi* Gottsche

= *Jungermannia grandiflora* Lindenb. & Gottsche; *Jamesoniella grandiflora* (Lindenb. & Gottsche) Jack & Steph.; *Cryptochila grandiflora* (Lindenb. & Gottsche) Grolle

Syzygiella tasmanica (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs

≡ *Jungermannia tasmanica* Hook.f. & Taylor; *Jamesoniella tasmanica* (Hook.f. & Taylor) Steph.

= *Jamesoniella cambewarrana* Steph.

Syzygiella teres (Carrington & Pearson) Váňa

≡ *Jungermannia teres* Carrington & Pearson; *Jamesoniella teres* (Carrington & Pearson) Steph.; *Herzogobryum teres* (Carrington & Pearson) Grolle

= *Acolea magellanica* C.Massal & Steph.

= *Jamesoniella inflexo-limbata* Herzog

Wettsteinia Schiffn.

Wettsteinia schusteriana Grolle

Family: Anastrophyllaceae L.Söderstr., De Roo & Hedd.

Anastrophyllum (Spruce) Schiffn.

≡ *Jungermannia* subgen. *Anastrophyllum* Spruce

Anastrophyllum auritum (Lehm.) Steph.

≡ *Jungermannia aurita* Lehm.

= *Anastrophyllum novazelandiae* R.M.Schust.

Chandonanthus Mitt.

Chandonanthus squarrosus (Hook.) Schiffn.

≡ *Jungermannia squarrosa* Hook.

= *Acrobolbus aequaelobus* E.A.Hodgs.

Isopaches H.Buch

Isopaches bicrenatus (Schmidel ex Hoffm.) H.Buch

≡ *Jungermannia bicrenata* Schmidel; *Jungermannia bicrenata* Schmidel ex Hoffm.; *Lophozia bicrenata* (Schmidel ex Hoffm.) Dumort.

Isopaches pumicicola (Berggr.) Bakalin

≡ *Lophozia pumicicola* Berggr.

= *Lophozia innominata* E.A.Hodgs.

Schizophyllopsis Váňa & L.Söderstr.

≡ *Anastrophyllum* subgen. *Schizophylllum* R.M.Schust.; *Schizophylllum* (R.M.Schust.) Váňa & L.Söderstr.

Schizophyllopsis papillosa (J.J.Engel & Braggins) Váňa & L.Söderstr.

≡ *Anastrophyllum papillosum* J.J.Engel & Braggins; *Schizophylllum papillosum* (J.J.Engel & Braggins) Váňa & L.Söderstr.

Family: Antheliaceae R.M.Schust.

Anthelia (Dumort.) Dumort.

≡ *Jungermannia* sect. *Anthelia* Dumort.

Anthelia juratzkana (Limpr.) Trevis.

≡ *Jungermannia juratzkana* Limpr.

= *Jungermannia nivalis* Sw.

Family: Balantiopsidaceae H.Buch.

Acroscyphella N.Kitag. & Grolle

≡ *Acroscyphus* N.Kitag.; *Austroscyphus* R.M.Schust.

Acroscyphella phoenicorhiza (Grolle) N.Kitag. & Grolle

≡ *Neesioscyphus phoenicorhizus* Grolle; *Austroscyphus phoenicorhizus* (Grolle) R.M.Schust.; *Acroscyphus phoenicorhizus* (Grolle) R.M.Schust. & J.J.Engel

= *Acroscyphus nitidissimus* R.M.Schust.; *Acroscyphella nitidissima* (R.M.Schust.) N.Kitag. & Grolle; *Austroscyphus nitidissimus* (R.M.Schust.) R.M.Schust.

Balantiopsis Mitt.

Balantiopsis convexiuscula Berggr.

= *Balantiopsis aequiloba* Berggr.

Balantiopsis diplophylla (Hook.f. & Taylor) Mitt.

≡ *Jungermannia diplophylla* Hook.f. & Taylor

Balantiopsis diplophylla (Hook.f. & Taylor) Mitt. var. *diplophylla*

Balantiopsis diplophylla var. *hockenii* (Berggr.) J.J.Engel & G.L.Merr.

= *Balantiopsis knightii* Mitt.

Balantiopsis lingulata R.M.Schust.

Balantiopsis montana (Colenso) J.J.Engel & G.L.Merr.

≡ *Chiloscyphus montanus* Colenso

= *Balantiopsis glandulifera* Colenso

Balantiopsis rosea Berggr.

Balantiopsis tumida Berggr.

Balantiopsis verrucosa J.J.Engel & G.L.Merr.

Eoisotachis R.M.Schust.

Eoisotachis stephanii (E.S.Salmon) R.M.Schust.

≡ *Isotachis stephanii* E.S.Salmon

Isotachis Mitt.

= *Rhizocaulia* E.A.Hodgs.

Isotachis intortifolia (Hook.f. & Taylor) Gottsche

Isotachis lyallii Mitt.

Isotachis minima Pearson

Isotachis montana Colenso

Isotachis olivacea R.M.Schust.

Isotachis plicata J.J.Engel

Isotachis westlandica (E.A.Hodgs.) R.M.Schust.

≡ *Rhizocaulia westlandica* E.A.Hodgs.

Family: Blepharidophyllaceae (R.M.Schust.) J.J.Engel

Blepharidophyllum Ångstr.

Blepharidophyllum vertebrale (Taylor ex Gottsche, Lindenb. & Nees) Ångstr. ex C.Massal.

≡ *Scapania vertebralis* Taylor ex Gottsche, Lindenb. & Nees; *Martinella vertebralis* (Taylor ex Gottsche, Lindenb. & Nees) Trevis.;

Diplophyllum vertebrale (Taylor ex Gottsche, Lindenb. & Nees) Steph.

Clandarium (Grolle) R.M.Schust.

≡ *Blepharidophyllum* subgen. *Clandarium* Grolle

Clandarium xiphophyllum (Grolle) R.M.Schust.

≡ *Blepharidophyllum xiphophyllum* Grolle

= *Diplophyllum densifolium* f. *decurvum* Rodway

Family: Brevianthaceae J.J.Engel & R.M.Schust.

Brevianthus J.J.Engel & R.M.Schust.

Brevianthus flavus (Grolle) J.J.Engel & R.M.Schust.

≡ *Jackiella flavus* Grolle

Brevianthus flavus subsp. *crenulatus* J.J.Engel

Family: Calypogeiaceae Arnell

Calypogeia Raddi

= *Kantius* Gray

= *Cincinnulus* Dumort.

= *Parentia* Léman

Calypogeia sphagnicola (Arnell & J.Perss.) Warnst. & Loeske

≡ *Kantius sphagnicola* Arnell & J.Perss.; *Cincinnulus trichomanis* var. *sphagnicola* (Arnell & J.Perss.) Meyl.; *Calypogeia trichomanis* var. *sphagnicola* (Arnell & J.Perss.) Meyl.

Mnioloma Herzog

≡ *Calypogeia* subgen. *Mnioloma* (Herzog) Bisch.

Mnioloma novaezealandiae J.J.Engel

Family: Cephaloziaceae Mig.

Cephalozia (Dumort.) Dumort.

≡ *Jungermannia* sect. *Cephalozia* Dumort.

Cephalozia austrigena R.M.Schust. ex J.J.Engel

≡ *Cephalozia bicuspidata* subsp. *austrigena* R.M.Schust.

= *Cephalozia austrigena* R.M.Schust.

Cephalozia badia (Gottsche) Steph.

≡ *Jungermannia badia* Gottsche; *Lophozia badia* (Gottsche) Steph.

= *Cephalozia cucullifolia* Steph.

= *Cephalozia badia* f. *minor* Grolle

Cephalozia drucei (R.M.Schust.) Váňa

≡ *Metahygrobiella drucei* R.M.Schust.

= *Metahygrobiella tayloriae* E.A.Hodgs.

= *Metahygrobiella cylindrica* E.A.Hodgs. & Herzog

Cephalozia pachygyna R.M.Schust. ex J.J.Engel

≡ *Cephalozia pachygyna* R.M.Schust.

Cephalozia schusteriana J.J.Engel

= *Cephalozia ciliolata* R.M.Schust.

Family: Cephaloziellaceae Douin

Allisoniella E.A.Hodgs.

= *Protomarsupella* R.M.Schust.

Allisoniella nigra (Rodway) R.M.Schust.

≡ *Sphenolobus nigrus* Rodway; *Cephaloziella nigra* (Rodway) Grolle

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

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

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

= *Allisoniella obcordata* E.A.Hodgs.

Allisoniella nigra (Rodway) R.M.Schust. f. *novaezealandiae*

Allisoniella nigra f. *subobtusa* R.M.Schust.

Allisoniella recurva R.M.Schust.

Allisoniella scottii (R.M.Schust.) R.M.Schust.

≡ *Protomarsupella scottii* R.M.Schust.

Anastrophyllopsis (R.M.Schust.) Váňa & L.Söderstr.

≡ *Anastrophyllum* sect. *Anastrophyllopsis* R.M.Schust.

Anastrophyllopsis subcomplicata (Lehm. & Lindenb.) Váňa & L.Söderstr.

≡ *Jungermannia subcomplicata* Lehm. & Lindenb.; *Anastrophyllum subcomplicatum* (Lehm. & Lindenb.) Steph.

= *Jungermannia schismoides* Mont.; *Anastrophyllum schismoides* (Mont.) Steph. var. *schismoides*; *Anastrophyllum schismoides* (Mont.) Steph.

= *Anastrophyllum schismoides* var. *crassulum* J.J.Engel

Cephalomitron R.M.Schust.

Cephalomitron aterrimum (Steph.) R.M.Schust.

≡ *Cephalozia aterrima* Steph.; *Cephaloziella aterrima* (Steph.) E.A.Hodgs.; *Herzogobryum aterrimum* (Steph.) Grolle

= *Herzogobryum filiarum* Grolle

Cephaloziella (Spruce) Schiffn.

≡ *Cephalozia* subgen. *Cephaloziella* Spruce

Cephaloziella aenigmatica R.M.Schust.

Cephaloziella crassigyna (R.M.Schust.) R.M.Schust.

≡ *Cephaloziella aterrima* var. *crassigyna* R.M.Schust.

Cephaloziella densifolia R.M.Schust.

Cephaloziella densifolia R.M.Schust. var. *densifolia*

- Cephaloziella densifolia* var. *dubia* R.M.Schust.
Cephaloziella divaricata (Sm.) Schiffn.
 = *Jungermannia divaricata* Sm.
 = *Jungermannia byssacea* Roth; *Cephaloziella byssacea* (Roth) Warnst.
Cephaloziella exigua R.M.Schust.
Cephaloziella exiliflora (Gottsche, Lindenb. & Nees) Douin
 = *Jungermannia divaricata* var. *exiliflora* Gottsche, Lindenb. & Nees; *Jungermannia exiliflora* (Gottsche, Lindenb. & Nees) Taylor; *Cephaloziella exiliflora* (Gottsche, Lindenb. & Nees) Trevis.
Cephaloziella grandiretis (R.M.Schust.) R.M.Schust.
 = *Cephaloziella byssacea* subsp. *grandiretis* R.M.Schust.
Cephaloziella invisita R.M.Schust.
Cephaloziella muelleriana R.M.Schust.
Cephaloziella nothogena R.M.Schust.
Cephaloziella pellucida R.M.Schust.
Cephaloziella pseudocrassigyna R.M.Schust. ex J.J.Engel
 = *Cephaloziella pseudocrassigyna* R.M.Schust.
Cephaloziella pulcherrima R.M.Schust.
Cephaloziella pulcherrima R.M.Schust. subsp. *pulcherrima*
Cephaloziella pulcherrima subsp. *sphagnicola* R.M.Schust.
Cephaloziella subspinosa R.M.Schust.
Cephaloziella tahora Bever. & Glenny
Cephaloziella varians (Gottsche) Steph.
 = *Jungermannia varians* Gottsche; *Cephaloziella varians* (Gottsche) Steph.
 = *Cephaloziella arctica* Bryhn & Douin
Cephaloziella varians subsp. *subantarctica* (R.M.Schust.) R.M.Schust. ex J.J. Engel
 = *Cephaloziella arctica* subsp. *subantarctica* R.M.Schust.
Cephaloziella verrucosa Steph.
 = *Cephaloziella hispidissima* R.M.Schust.
- Herzogobryum* Grolle
 = *Chondrophyllum* Herzog
Herzogobryum atrocapillum (Hook.f. & Taylor) Grolle
 = *Gymnomitrium atrocapillum* Hook.f. & Taylor; *Jungermannia atrocapilla* (Hook.f. & Taylor) Taylor & Hook.f.; *Cesius atrocapilla* (Hook.f. & Taylor) Mitt.; *Cesiusa atrocapilla* (Hook.f. & Taylor) Kuntze; *Acolea atrocapillata* (Hook.f. & Taylor) Steph.
 = *Gymnomitrium marionense* S.W.Arnell
Herzogobryum filiforme R.M.Schust.
Herzogobryum vermiculare (Schiffn.) Grolle
 = *Gymnomitrium vermiculare* Schiffn.
 = *Chondrophyllum cucullatum* Herzog; *Herzogobryum cucullatum* (Herzog) Grolle
- Nothogymnomitrium* R.M.Schust.
Nothogymnomitrium erosum (Carrington & Pearson) R.M.Schust.
 = *Gymnomitrium erosum* (Carrington & Pearson) Bastow; *Cesius erosus* Carrington & Pearson; *Herzogobryum erosum* (Carrington & Pearson) Grolle
 = *Gymnomitrium denticulatum* (Berggr.) Müll.Frib.
- Protolophozia* (R.M.Schust.) Schljakov
 = *Lophozia* subgen. *Protolophozia* R.M.Schust.
Protolophozia androgyna R.M.Schust. ex Váňa et L.Söderstr.
 = *Lophozia androgyna* R.M.Schust.
Protolophozia autoica (R.M.Schust.) Váňa & L.Söderstr.
 = *Lophozia autoica* R.M.Schust.
Protolophozia druceae (Grolle & E.A.Hodgs.) Váňa & L.Söderstr.
 = *Lophozia druceae* Grolle & E.A.Hodgs.
Protolophozia herzogiana (E.A.Hodgs. & Grolle) Váňa & L.Söderstr.
 = *Lophozia herzogiana* E.A.Hodgs. & Grolle
Protolophozia monoica (E.A.Hodgs.) Váňa & L.Söderstr.
 = *Metahygrobiella monoica* E.A.Hodgs.; *Lophozia monoica* (E.A.Hodgs.) J.J.Engel
Protolophozia multicuspidata (Hook.f. & Taylor) Váňa & L.Söderstr.
 = *Jungermannia multicuspidata* Hook.f. & Taylor; *Cephaloziella multicuspidata* (Hook.f. & Taylor) Steph.; *Triandrophyllum multicuspidatum* (Hook.f. & Taylor) E.A.Hodgs.; *Lophozia multicuspidata* (Hook.f. & Taylor) Grolle
Protolophozia nivicola (R.M.Schust.) Váňa & L.Söderstr.
 = *Lophozia nivicola* R.M.Schust.
Protolophozia subalpina (R.M.Schust.) Váňa & L.Söderstr.
 = *Lophozia autoica* var. *subalpina* R.M.Schust.; *Lophozia subalpina* (R.M.Schust.) R.M.Schust.

Family: Chaetophyllopsidaceae R.M.Schust.

- Chaetophyllopsis* R.M.Schust
Chaetophyllopsis whiteleggei (Carrington & Pearson) R.M.Schust. ex Hamlin
 = *Jungermannia whiteleggei* Carrington & Pearson; *Chaetophyllopsis whiteleggei* (Carrington & Pearson) R.M.Schust.

Family: Geocalyceae H.Klinggr.

- Geocalyx* Nees
Geocalyx caledonicus Steph.
 = *Chiloscyphus montanus* Steph.; *Heteroscyphus montanus* J.J.Engel & R.M.Schust.

Family: Gymnomitriaceae H.Klinggr.

Acrolophozia R.M.Schust.

Acrolophozia pectinata R.M.Schust.

Gymnomitrium Corda

= *Acolea* Dumort.

= *Cesius* Gray

= *Cesiusa* Kuntze

Gymnomitrium incompletum (Gottsche) R.M.Schust. ex Váňa

≡ *Jungermannia incompleta* Gottsche; *Gymnomitrium incompletum* (Gottsche) R.M.Schust.

= *Cesius cuspidatus* Berggr.; *Acolea cuspidata* (Berggr.) Steph.; *Gymnomitrium cuspidatum* (Berggr.) R.M.Schust.

Gymnomitrium strictum (Berggr.) R.M.Schust.

≡ *Cesius strictus* Berggr.; *Acolea stricta* (Berggr.) R.M.Schust.

Gymnomitrium strictum var. *inaequalis* R.M.Schust.

Gymnomitrium strictum (Berggr.) R.M.Schust. var. *strictum*

Marsupella Dumort.

= *Sarcocyphos* Corda

Marsupella sparsifolia (Lindb.) Dumort.

≡ *Sarcocyphos sparsifolius* Lindb.; *Nardia sparsifolia* (Lindb.) Lindb.

Marsupella sparsifolia subsp. *childii* R.M.Schust.

Marsupella sprucei (Limpr.) Bernet

≡ *Sarcocyphos sprucei* Limpr.; *Marsupella ustulata* var. *sprucei* (Limpr.) R.M.Schust.

= *Cephaloziella rufobrunnea* R.M.Schust.

Family: Herbertaceae Müll.Frib. ex Fulford & Hatcher

Herbertus Gray

= *Herpocladium* Mitt.

Herbertus oldfieldianus (Steph.) Rodway

≡ *Schisma oldfieldianum* Steph.

= *Schisma alpinum* Steph.; *Herbertus alpinus* (Steph.) E.A.Hodgs.

Triandrophyllum Fulford & Hatcher

Triandrophyllum subtrifidum (Hook.f. & Taylor) Fulford & Hatcher

≡ *Jungermannia subtrifida* Hook.f. & Taylor; *Isotachis subtrifida* (Hook.f. & Taylor) Mitt.; *Mastigophora subtrifida* (Hook.f. & Taylor) E.A.Hodgs.

= *Mastigophora beckettiana* Steph.

= *Isotachis triloba* Steph.

Triandrophyllum subtrifidum (Hook.f. & Taylor) Fulford & Hatcher var. *subtrifidum*

Triandrophyllum symmetricum J.J.Engel

Family: Herzogianthaceae Stotler & Crand.-Stotl.

Herzogianthus R.M.Schust.

Herzogianthus sanguineus R.M.Schust.

Herzogianthus vaginatus (Herzog) R.M.Schust.

Family: Jackiellaceae R.M.Schust.

Jackiella Schiffn.

Jackiella curvata Allison & E.A.Hodgs.

Family: Lepicoleaceae R.M.Schust.

Lepicolea Dumort.

Lepicolea attenuata (Mitt.) Steph.

≡ *Sendtnera attenuata* Mitt.; *Herbertus attenuatus* (Mitt.) Kuntze

= *Sendtnera quadrifida* Colenso

Lepicolea scolopendra (Hook.) Trevis.

≡ *Jungermannia scolopendra* Hook.; *Sendtnera scolopendra* (Hook.) Nees; *Leperoma scolopendra* (Hook.) Bastow; *Herbertus scolopendra* (Hook.) Kuntze

Family: Lepidolaenaceae Nakai

Gackstroemia Trevis.

Gackstroemia alpina R.M.Schust.

Gackstroemia novae-zelandiae R.M.Schust & J.J.Engel

Gackstroemia weindorferi (Herzog) Grolle

≡ *Lepidolaena weindorferi* Herzog

Lepidogyna R.M.Schust.

Lepidogyna hodgsoniae (Grolle) R.M.Schust.

≡ *Lepidolaena hodgsoniae* Grolle

Lepidolaena Dumort.

= *Polyotus* Gottsche

= *Jubulopsis* R.M.Schust.

Lepidolaena berggrenii E.A.Hodgs.

Lepidolaena clavigera (Hook.) Dumort ex Trevis.

≡ *Jungermannia clavigera* Hook.

Lepidolaena novae-zelandiae (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg

≡ *Jubula novae-zelandiae* E.A.Hodgs. & S.W.Arnell; *Neohattoria novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) Grolle; *Jubulopsis novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) R.M.Schust.

Lepidolaena palpebrifolia (Hook.) Dumort. ex Trevis.

≡ *Jungermannia palpebrifolia* Hook.

Lepidolaena reticulata (Hook.f. & Taylor) Trevis.

≡ *Jungermannia reticulata* Hook.f. & Taylor

= *Jungermannia allophylla* Hook.f. & Taylor

= *Lepidolaena brachyclada* f. *alpina* Rodway

Lepidolaena taylorii (Gottsche) Trevis.

≡ *Polyotus taylorii* Gottsche

Family: Lepidoziaceae Limpr.

Acromastigum A.Evans

Acromastigum anisostomum (Lehm. & Lindenb.) A.Evans

≡ *Jungermannia anisostoma* Lehm. & Lindenb.; *Mastigobryum anisostomum* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees; *Bazzania anisostoma* (Lehm. & Lindenb.) Trevis.

= *Jungermannia atrovirens* Hook.f. & Taylor; *Mastigobryum atrovirens* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Bazzania atrovirens* (Hook.f. & Taylor) Kuntze

= *Acromastigum brachyphyllum* A.Evans

= *Acromastigum anisostomum* var. *minutum* E.A.Hodgs.

Acromastigum cavifolium R.M.Schust.

Acromastigum colensoanum (Mitt.) A.Evans

≡ *Mastigobryum colensoanum* Mitt.; *Bazzania colensoana* (Mitt.) Carrington & Pearson

= *Mastigobryum amoenum* Colenso

= *Mastigobryum minutulum* Colenso

= *Mastigobryum smaragdinum* Colenso

= *Mastigobryum erosifolium* Steph.

Acromastigum cunninghamii (Steph.) A.Evans

≡ *Bazzania cunninghamii* Steph.; *Mastigobryum cunninghamii* (Steph.) Steph.

Acromastigum divaricatum (Nees) A.Evans

≡ *Jungermannia divaricata* Nees; *Mastigobryum divaricatum* Nees

Acromastigum interstisiale E.A.Br. & M.A.M.Renner

Acromastigum marginatum E.A.Hodgs.

Acromastigum mooreanum (Steph.) E.A.Hodgs.

≡ *Bazzania mooreana* Steph.; *Mastigobryum mooreanum* (Steph.) Steph.

Acromastigum verticale (Steph.) E.A.Hodgs.

≡ *Mastigobryum verticale* (Steph.) Steph.

Bazzania Gray

Bazzania accreta (Lehm. & Lindenb.) Trevis

= *Mastigobryum accretum* Lehm. & Lindenb.

Bazzania adnexa (Lehm. & Lindenb.) Trevis.

≡ *Jungermannia adnexa* Lehm. & Lindenb.; *Mastigobryum adnexa* (Lehm. & Lindenb.) Mont.

= *Mastigobryum novae-hollandiae* (Nees) Nees; *Jungermannia novae-hollandiae* Nees; *Bazzania novae-hollandiae* (Nees) Carrington & Pearson

= *Mastigobryum semicordatum* Lindenb. & Gottsche; *Bazzania semicordata* (Lindenb. & Gottsche) Kuntze

= *Mastigobryum compactum* Colenso

= *Mastigobryum macroamphigastrum* Colenso

= *Mastigobryum macrodontum* Colenso

= *Mastigobryum nitens* Colenso

= *Mastigobryum olivaceum* Colenso

= *Mastigobryum parasiticum* Colenso

= *Mastigobryum polyodon* Colenso

= *Mastigobryum heterodontum* Colenso

= *Mastigobryum vulcanicum* Colenso

= *Mastigobryum adnexa* f. *exarmatum* Steph.

= *Mastigobryum kirkianum* Steph.

Bazzania adnexa (Lehm. & Lindenb.) Trevis. var. *adnexa*

Bazzania adnexa var. *aucklandica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.

≡ *Mastigobryum novae-hollandiae* f. *aucklandicum* Lindenb. & Gottsche; *Bazzania adnexa* f. *novae-hollandiae* (Lindenb. & Gottsche) Hamlin

Bazzania engelii Glenny

Bazzania exempta J.J.Engel

Bazzania hochstetteri (Reichardt) E.A.Hodgs.

≡ *Mastigobryum hochstetteri* Reichardt

= *Mastigobryum concinnatum* Colenso

= *Mastigobryum quadratum* Colenso; *Bazzania quadrata* (Colenso) W.Martin & E.A.Hodgs.

= *Mastigobryum similis* Colenso

= *Mastigobryum heterophyllum* Colenso

= *Mastigobryum imbricatistipulum* Colenso

= *Mastigobryum pusillum* Colenso

Bazzania involuta (Mont.) Trevis.

≡ *Herpetium involutum* Mont.; *Jungermannia involuta* (Mont.) Hook.f. & Taylor; *Mastigobryum involutum* (Mont.) Lindenb.

= *Mastigobryum reflexistipulum* Lindenb. & Gottsche; *Bazzania reflexistipula* (Lindenb. & Gottsche) W.Martin & E.A.Hodgs.

Bazzania involuta (Mont.) Trevis. var. *involuta*

Bazzania involuta var. *submutica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.

≡ *Mastigobryum novae-hollandiae* f. *submuticum* Lindenb. & Gottsche; *Bazzania involuta* f. *submutica* (Lindenb. & Gottsche) Hamlin

Bazzania mittenii (Steph.) Steph.

≡ *Mastigobryum affine* Mitt.; *Mastigobryum mittenii* Steph.

= *Bazzania nova* J.J.Engel & G.L.Merr.

Bazzania monilinervis (Lehm. & Lindenb.) Trevis.

≡ *Jungermannia monilinervis* Lehm. & Lindenb.; *Mastigobryum monilinerve* (Lehm. & Lindenb.) Nees

Bazzania nitida (F.Weber) Grolle

- ≡ *Jungermannia nitida* F.Weber
- = *Jungermannia convexa* Thunb.; *Mastigobryum convexum* (Thunb.) Lindenb.; *Bazzania convexa* (Thunb.) Trevis.
- = *Mastigobryum fugax* Colenso
- = *Mastigobryum obtusatum* Colenso
- = *Mastigobryum fissistipum* Steph.; *Bazzania fissistipa* (Steph.) Pearson

Bazzania novae-zelandiae (Mitt.) Besch. & C.Massal.

- ≡ *Mastigobryum novae-zelandiae* Mitt.
- = *Mastigobryum spectabile* Steph.

Bazzania okaritana Meagher & Glenny

Bazzania tayloriana (Mitt.) Kuntze

- ≡ *Mastigobryum taylorianum* Mitt.
- = *Mastigobryum delicatulum* Colenso
- = *Mastigobryum obscurum* Colenso
- = *Mastigobryum obtusistipulum* Colenso

Ceramanus E.D.Cooper

Ceramanus elegans (Colenso) E.D.Cooper

- ≡ *Lepidozia elegans* Colenso; *Telaranea elegans* (Colenso) J.J.Engel & G.L.Merr.
- = *Lepidozia tripilosa* Steph.

Ceramanus perfragilis (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea fragilis* J.J.Engel & G.L.Merr.; *Telaranea perfragilis* J.J.Engel & G.L.Merr.

Ceramanus tuberifera (J.J.Engel & R.M.Schust.) E.D.Cooper

- ≡ *Telaranea tuberifera* J.J.Engel & R.M.Schust.

Drucella E.A.Hodgs.

Drucella integrispula (Steph.) E.A.Hodgs.

- ≡ *Lepidozia integrispula* Steph.

Hygrolembidium R.M.Schust.

- = *Lembidium* subgen. *Isodictyon* Herzog

Hygrolembidium acrocladum (Berggr.) R.M.Schust.

- ≡ *Aplozia acroclada* Berggr.; *Jungermannia acroclada* (Berggr.) Steph.
- = *Aplozia lacerata* Rodway
- = *Lembidium isodictyon* Herzog; *Hygrolembidium isodictyon* (Herzog) R.M.Schust.

Hygrolembidium australe (Steph.) Grolle

- ≡ *Hygrobiella australis* Steph.; *Metahygrobiella australis* (Steph.) R.M.Schust.; *Lembidium australe* (Steph.) Grolle
- = *Lembidium stereophyllum* Herzog; *Hygrolembidium stereophyllum* (Herzog) R.M.Schust.

Hygrolembidium rigidum R.M.Schust. & J.J.Engel

Hygrolembidium triquetrum J.J.Engel & R.M.Schust.

Isolembidium R.M.Schust.

- ≡ *Isolembidium* R.M.Schust.

Isolembidium anomalum (Rodway) Grolle

- ≡ *Lembidium anomalum* Rodway

Isolembidium anomalum (Rodway) Grolle var. *anomalum*

Isolembidium anomalum var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.

- ≡ *Lembidium cucullatum* E.A.Hodgs.; *Isolembidium cucullatum* (E.A.Hodgs.) R.M.Schust.; *Isolembidium cucullatum* (E.A.Hodgs.) R.M.Schust.

Kurzia G.Martens

- = *Lepidozia* subgen. *Microlepidozia* Spruce
- = *Micrisophylla* Fulford

Kurzia calcarata (Steph.) Grolle

- ≡ *Lepidozia calcarata* Steph.; *Microlepidozia calcarata* (Steph.) R.M.Schust.
- = *Kurzia calcarata* var. *temnomoides* (R.M.Schust) R.M.Schust.; *Kurzia temnomoides* R.M.Schust.

Kurzia compacta (Steph.) Grolle

- ≡ *Lepidozia compacta* Steph.

Kurzia dendroides (Carrington & Pearson) Grolle

- ≡ *Lembidium dendroides* Carrington & Pearson

Kurzia fragilifolia R.M.Schust.

- ≡ *Telaranea fragilifolia* (R.M.Schust.) J.J.Engel & G.L.Merr.

Kurzia helophila R.M.Schust.

Kurzia helophila var. *flaccida* J.J.Engel

- ≡ *Kurzia helophila* var. *flaccida* R.M.Schust.

Kurzia helophila R.M.Schust. var. *helophila*

Kurzia hippuroides (Hook.f. & Taylor) Grolle

- ≡ *Jungermannia hippuroides* Hook.f. & Taylor; *Lepidozia hippuroides* (Hook.f. & Taylor) Steph.; *Microlepidozia hippuroides* (Hook.f. & Taylor) E.A.Hodgs.
- = *Jungermannia dispar* Mont. ex Hook.f. & Taylor
- = *Jungermannia dispar* Mont. ex Taylor & Hook.f.; *Lepidozia dispar* (Mont. ex Taylor & Hook.f.) Mont.; *Mastigophora dispar* (Mont. ex Taylor & Hook.f.) Trevis.; *Telaranea dispar* (Mont. ex Taylor & Hook.f.) E.A.Hodgs.
- = *Lepidozia allisonii* Herzog; *Microlepidozia allisonii* (Herzog) R.M.Schust.; *Kurzia allisonii* (Herzog) Grolle

Kurzia hippuroides (Hook.f. & Taylor) Grolle var. *hippuroides*

Kurzia hippuroides var. *ornata* J.J.Engel & G.L.Merr.

Kurzia moniliformis J.J.Engel

Kurzia nivicola (R.M.Schust.) E.D.Cooper

- ≡ *Telaranea nivicola* R.M.Schust.

Kurzia pallescens Grolle

- ≡ *Microlepidozia quadriseta* f. *pallescens* (Grolle) R.M.Schust.; *Telaranea pallescens* (Grolle) J.J.Engel & G.L.Merr.
- = *Kurzia quadriseta* Grolle; *Microlepidozia quadriseta* (Grolle) R.M.Schust.

Kurzia quinquespina J.J.Engel & G.L.Merr.

= *Telaranea quinquespina* (J.J.Engel & G.L.Merr.) J.J.Engel & G.L.Merr.

Kurzia tenax (Grev.) Grolle

= *Jungermannia tenax* Grev.; *Lepidozia tenax* (Grev.) Lindenb.; *Mastigophora tenax* (Grev.) Trevis.; *Lembidium tenax* (Grev.) Steph.;
Dendrolembidium tenax (Grev.) Herzog

Kurzia trilobata (R.M.Schust.) R.M.Schust.

= *Kurzia quadriseta* var. *trilobata* R.M.Schust.; *Telaranea trilobata* (R.M.Schust.) J.J.Engel & G.L.Merr.

Lembidium Mitt.

Lembidium berggrenii Herzog

= *Chloranthesia berggrenii* (Herzog) R.M.Schust.; *Maculia berggrenii* (Herzog) E.A.Hodgs.; *Chloranthesia berggrenii* (Herzog) R.M.Schust.
= *Maculia filosa* E.A.Hodgs.; *Chloranthesia filosa* (E.A.Hodgs.) R.M.Schust.

Lembidium longifolium R.M.Schust.

Lembidium nutans (Hook.f. & Taylor) Mitt.

= *Jungermannia nutans* Hook.f. & Taylor; *Mastigobryum nutans* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Micropterygium nutans* (Hook.f. & Taylor) Mitt.; *Bazzania nutans* (Hook.f. & Taylor) Trev.; *Cephalozia nutans* (Hook.f. & Taylor) Spruce

Lembidium nutans var. *flagelliferum* E.A.Hodgs.

Lembidium nutans (Hook.f. & Taylor) Mitt. var. *nutans*

Lepidozia (Dumort.) Dumort.

= *Pleuroschisma* sect. *Lepidozia* Dumort.
= *Herpetium* sect. *Lepidozia* Nees
= *Lepidoziopsis* E.A.Hodgs.

Lepidozia acantha J.J.Engel

Lepidozia bidens J.J.Engel

Lepidozia bisbifida Steph.

= *Lepidozia subquadrata* Steph.
= *Lepidozia brevipinna* Pearson

Lepidozia bragginsiana E.D.Cooper & M.A.M.Renner

Lepidozia concinna Colenso

= *Lepidozia latiloba* Colenso
= *Lepidozia colensoana* Steph.

Lepidozia digitata Herzog

Lepidozia elobata R.M.Schust.

Lepidozia fugax J.J.Engel

Lepidozia glaucescens J.J.Engel

Lepidozia glaucophylla (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

= *Jungermannia glaucophylla* Hook.f. & Taylor; *Mastigophora glaucophylla* (Hook.f. & Taylor) Trevis.; *Lepidoziopsis glaucophylla* (Hook.f. & Taylor) E.A.Hodgs.

Lepidozia hirta Steph.

= *Lepidozia angelii* Gottsche ex Steph.

Lepidozia kirkii Steph.

= *Lepidozia dentifolia* Steph.

Lepidozia laevifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

= *Jungermannia laevifolia* Hook.f. & Taylor; *Mastigophora laevifolia* (Hook.f. & Taylor) Trevis.
= *Lepidozia minuta* Colenso
= *Lepidozia retrusa* Colenso
= *Lepidozia asperifolia* Steph.
= *Lepidozia papillata* Steph.

Lepidozia laevifolia var. *acutiloba* J.J.Engel

Lepidozia laevifolia var. *alpina* R.M.Schust. & J.J.Engel

Lepidozia laevifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *laevifolia*

Lepidozia microphylla (Hook.) Lindenb.

= *Jungermannia microphylla* Hook.; *Mastigophora microphylla* (Hook.) Mont.
= *Lepidozia multipinna* Steph.

Lepidozia novae-zelandiae Steph.

Lepidozia novae-zelandiae var. *heterostipa* R.M.Schust.

Lepidozia novae-zelandiae var. *minima* R.M.Schust.

Lepidozia novae-zelandiae Steph. var. *novae-zelandiae*

Lepidozia obtusiloba Steph.

= *Lepidozia parvitexta* Steph.

Lepidozia obtusiloba Steph. var. *obtusiloba*

Lepidozia obtusiloba var. *parvula* J.J.Engel

Lepidozia ornata J.J.Engel

Lepidozia pendulina (Hook.) Lindenb.

= *Jungermannia pendulina* Hook.; *Lepidozia cupressina* var. *pendulina* (Hook.) Lehm. & Lindenb.; *Mastigophora pendulina* (Hook.) Trev.
= *Lepidozia gigantea* Steph.

Lepidozia procera Mitt.

= *Lepidozia breviloba* Steph.

Lepidozia pumila J.J.Engel

Lepidozia serrulata J.J.Engel

Lepidozia setigera Steph.

Lepidozia spinosissima (Hook.f. & Taylor) Mitt.

= *Sendtnera spinosissima* Hook.f. & Taylor; *Herbertus spinosissimus* (Hook.f. & Taylor) Trevis.
= *Lepicolea longifissa* St.

Lepidozia ulothrix (Schwägr.) Lindenb.

- ≡ *Jungermannia ulothrix* Schwägr.; *Mastigophora ulothrix* (Schwägr.) Trevis.
- = *Jungermannia albula* Hook.f. & Taylor; *Lepidozia albula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Mastigophora albula* (Hook.f. & Taylor) Trevis.

Megalembidium R.M.Schust.

Megalembidium insulanum (W.Martin & E.A.Hodgs.) R.M.Schust.

- ≡ *Lembidium insulanum* W.Martin & E.A.Hodgs.; *Dendrolembidium insulanum* (W.Martin & E.A.Hodgs.) Allison & E.A.Hodgs.; *Kurzia insulana* (W.Martin & E.A.Hodgs.) Grolle
- = *Dendrolembidium martinii* Herzog

Neogrollea E.A.Hodgs.

Neogrollea notabilis E.A.Hodgs.

Neolepidozia Fulford & J.Taylor

Neolepidozia gibbsiana (Steph.) E.D.Cooper

- ≡ *Lepidozia gibbsiana* Steph.; *Telaranea gibbsiana* (Steph.) E.A.Hodgs.

Neolepidozia hodgsoniae (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea hodgsoniae* J.J.Engel & G.L.Merr.

Neolepidozia meridiana (E.A.Hodgs.) E.D.Cooper

- ≡ *Lepidozia meridiana* E.A.Hodgs.; *Telaranea meridiana* (E.A.Hodgs.) E.A.Hodgs.

Neolepidozia paludicola (E.A.Hodgs.) E.D.Cooper

- ≡ *Lepidozia meridiana* var. *paludicola* E.A.Hodgs.; *Telaranea paludicola* (E.A.Hodgs.) E.A.Hodgs.

Neolepidozia patentissima (Hook.f. & Taylor) E.D.Cooper

- ≡ *Jungermannia patentissima* Hook.f. & Taylor; *Mastigophora patentissima* (Hook.f. & Taylor) Trevis.; *Telaranea patentissima* (Hook.f. & Taylor) E.A.Hodgs.
- = *Lepidozia gottscheana* Lindenb.; *Mastigophora gottscheana* (Lindenb.) Trevis.; *Neolepidozia gottscheana* (Lindenb.) Fulford & J.Taylor; *Telaranea gottscheana* (Lindenb.) E.A.Hodgs.
- = *Lepidozia gracillima* Carrington & Pearson
- = *Lepidozia corticola* Steph.; *Neolepidozia corticola* (Steph.) Fulford & J.Taylor; *Telaranea corticola* (Steph.) E.A.Hodgs.

Neolepidozia patentissima var. **ampliata** (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea patentissima* var. *ampliata* J.J.Engel & G.L.Merr.

Neolepidozia patentissima (Hook.f. & Taylor) E.D.Cooper var. **patentissima**

- ≡ *Telaranea patentissima* (Hook.f. & Taylor) E.A.Hodgs. var. *patentissima*

Neolepidozia patentissima var. **zebrina** (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea patentissima* var. *zebrina* J.J.Engel & G.L.Merr.

Neolepidozia pennata (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea pennata* J.J.Engel & G.L.Merr.

Neolepidozia praenitens (Lehm. & Lindenb.) E.D.Cooper

- ≡ *Jungermannia praenitens* Lehm. & Lindenb.; *Lepidozia praenitens* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees; *Mastigophora praenitens* (Lehm. & Lindenb.) Trevis.; *Telaranea praenitens* (Lehm. & Lindenb.) E.A.Hodgs.
- = *Lepidozia beckettiana* Steph.

Neolepidozia praenitens var. **dentifolia** (J.J.Engel & G.L.Merr.) E.D.Cooper

- ≡ *Telaranea praenitens* var. *dentifolia* J.J.Engel & G.L.Merr.

Neolepidozia praenitens (Lehm. & Lindenb.) E.D.Cooper var. **praenitens**

- ≡ *Telaranea praenitens* (Lehm. & Lindenb.) E.A.Hodgs. var. *praenitens*

Neolepidozia tetrapila (Hook.f. & Taylor) E.D.Cooper

- ≡ *Lepidozia tetrapila* Hook.f. & Taylor; *Mastigophora tetrapila* (Hook.f. & Taylor) Trevis.; *Telaranea tetrapila* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.

Neolepidozia tetrapila var. **cancellata** (Colenso) E.D.Cooper

- ≡ *Lepidozia cancellata* Colenso; *Telaranea tetrapila* var. *cancellata* (Colenso) J.J.Engel & G.L.Merr.
- = *Psiloclada digitata* Colenso

Neolepidozia tetrapila var. **roseana** (Steph.) E.D.Cooper

- ≡ *Lepidozia roseana* Steph.; *Neolepidozia roseana* (Steph.) Fulford & J.Taylor; *Telaranea roseana* (Steph.) E.A.Hodgs.; *Telaranea tetrapila* var. *roseana* (Steph.) J.J.Engel & G.L.Merr.

Neolepidozia tetrapila (Hook.f. & Taylor) E.D.Cooper var. **tetrapila**

- ≡ *Telaranea tetrapila* (Hook.f. & Taylor) J.J.Engel & G.L.Merr. var. *tetrapila*

Neolepidozia tridactylis (Lehm. & Lindenb.) E.D.Cooper

- ≡ *Jungermannia tridactylis* Lehm. & Lindenb.; *Lepidozia tridactylis* (Lehm. & Lindenb.) Mont.; *Telaranea tridactylis* (Lehm. & Lindenb.) J.J.Engel & G.L.Merr.
- = *Lepidozia oldfieldiana* Steph.

Paracromastigum Fulford & J.Taylor

- = *Leucosarmentum* Fulford

Paracromastigum drucei (R.M.Schust.) R.M.Schust.

- ≡ *Pseudocephalozia drucei* R.M.Schust.

Paracromastigum fiordlandiae R.M.Schust. & J.J.Engel

Paracromastigum furcifolium (Steph.) R.M.Schust.

- ≡ *Cephalozia furcifolia* Steph.; *Bonneria furcifolia* (Steph.) R.M.Schust.
- = *Lepidozia cavernarum* Herzog

Paracromastigum macrostipum (Steph.) R.M.Schust.

- ≡ *Cephalozia macrostipa* Steph.; *Pseudocephalozia macrostipa* (Steph.) R.M.Schust.
- = *Cephalozia kirkii* Steph.; *Paracromastigum kirkii* (Steph.) R.M.Schust.

Paracromastigum microphyllum (R.M.Schust. ex J.J.Engel) E.D.Cooper

- ≡ *Hyalolepidozia microphylla* R.M.Schust.; *Hyalolepidozia microphylla* R.M.Schust. ex J.J.Engel

Pseudocephalozia R.M.Schust.

Pseudocephalozia lepidozioides R.M.Schust.

- = *Lepidozia leptodictyon* Herzog; *Micrisophylla leptodictyon* (Herzog) E.A.Hodgs.

Pseudocephalozia paludicola R.M.Schust.

Psiloclada Mitt.

Psiloclada clandestina Mitt.

= *Psiloclada clandestina* f. *major* R.M.Schust.; *Psiloclada major* (R.M.Schust.) J.J.Engel

Psiloclada clandestina Mitt. subsp. *clandestina*

Telaranea Schiffn.

= *Arachniopsis* Spruce
 = *Telaranea* Spruce
 = *Acrolepidozia* R.M.Schust.

Telaranea granulata J.J.Engel & G.L.Merr.

Telaranea herzogii (E.A.Hodgs.) E.A.Hodgs.

= *Lepidozia herzogii* E.A.Hodgs.; *Arachniopsis herzogii* (E.A.Hodgs.) E.A.Hodgs.
 = *Telaranea exigua* R.M.Schust.

Telaranea inaequalis R.M.Schust. ex J.J.Engel & G.L.Merr.

= *Telaranea inaequalis* R.M.Schust.

Tricholepidozia (R.M.Schust.) E.D.Cooper

= *Telaranea* subgen. *Tricholepidozia* R.M.Schust.

Tricholepidozia lindenbergii (Gottsche) E.D.Cooper

= *Lepidozia lindenbergii* Gottsche; *Mastigophora lindenbergii* (Gottsche) Trevis.; *Telaranea lindenbergii* (Gottsche) J.J.Engel & G.L.Merr.
 = *Lepidozia subverticillata* Colenso
 = *Lepidozia leucocarpa* Colenso
 = *Lepidozia minutissima* Colenso
 = *Lepidozia occulta* Colenso
 = *Lepidozia hepaticola* Steph.
 = *Lepidozia radiata* Steph.; *Telaranea radiata* (Steph.) R.M.Schust.

Tricholepidozia lindenbergii var. *complanata* (J.J.Engel & G.L.Merr.) E.D.Cooper

= *Telaranea lindenbergii* var. *complanata* J.J.Engel & G.L.Merr.

Tricholepidozia lindenbergii (Gottsche) E.D.Cooper var. *lindenbergii*

= *Telaranea lindenbergii* (Gottsche) J.J.Engel & G.L.Merr. var. *lindenbergii*

Tricholepidozia lindenbergii var. *mellea* (J.J.Engel & G.L.Merr.) E.D.Cooper

= *Telaranea lindenbergii* var. *mellea* J.J.Engel & G.L.Merr.

Tricholepidozia lindenbergii var. *papillata* (J.J.Engel & G.L.Merr.) E.D.Cooper

= *Telaranea lindenbergii* var. *papillata* J.J.Engel & G.L.Merr.

Tricholepidozia martinii (E.A.Hodgs.) E.D.Cooper

= *Lepidozia martinii* E.A.Hodgs.; *Telaranea martinii* (E.A.Hodgs.) R.M.Schust.

Tricholepidozia pulcherrima (Steph.) E.D.Cooper

= *Telaranea pulcherrima* (Steph.) R.M.Schust.; *Lepidozia pulcherrima* Steph.

Tricholepidozia pulcherrima (Steph.) E.D.Cooper var. *pulcherrima*

= *Telaranea pulcherrima* (Steph.) R.M.Schust. var. *pulcherrima*

Tricholepidozia remotifolia (E.A.Hodgs.) E.D.Cooper

= *Lepidozia remotifolia* E.A.Hodgs.; *Telaranea remotifolia* E.A.Hodgs.

Tricholepidozia tetradactyla (Hook.f. & Taylor) E.D.Cooper

= *Jungermannia tetradactyla* Hook.f. & Taylor; *Lepidozia tetradactyla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Mastigophora tetradactyla* (Hook.f. & Taylor) Trevis.; *Neolepidozia tetradactyla* (Hook.f. & Taylor) Fulford & J.Taylor; *Telaranea tetradactyla* (Hook.f. & Taylor) E.A.Hodgs.

= *Telaranea longii* Paton

Zoopsidella R.M.Schust.

Zoopsidella caledonica (Steph.) R.M.Schust.

= *Zoopsis caledonica* Steph.
 = *Zoopsis foliosa* Herzog & E.A.Hodgs.

Zoopsis Gottsche, Lindenb. & Nees

Zoopsis argentea (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

= *Jungermannia argentea* Hook.f. & Taylor; *Cephalozia argentea* (Hook.f. & Taylor) Lindenb.

Zoopsis argentea (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *argentea*

Zoopsis argentea var. *flagelliformis* (Colenso) R.M.Schust.

= *Zoopsis flagelliformis* Colenso
 = *Zoopsis basilaris* Colenso
 = *Zoopsis muscosa* Colenso

Zoopsis bicruris Glenny & E.A.Br.

Zoopsis ceratophylla (Spruce) Hamlin

= *Cephalozia ceratophylla* Spruce; *Paracromastigum ceratophyllum* (Spruce) R.M.Schust.; *Zoopsis ceratophylla* (Spruce) R.M.Schust.;
Zoopsidella ceratophylla (Spruce) R.M.Schust.
 = *Cephalozia fissifolia* Steph.; *Paracromastigum fissifolium* (Steph.) R.M.Schust.

Zoopsis leitgebiana (Carrington & Pearson) Bastow

= *Cephalozia leitgebiana* Carrington & Pearson
 = *Zoopsis tenuicaulis* Colenso

Zoopsis macrophylla R.M.Schust.

Zoopsis matawaia M.A.M.Renner

Zoopsis nitida Glenny, Braggins & R.M.Schust.

Zoopsis setulosa Leitg.

= *Cephalozia setulosa* (Leitg.) Spruce

Family: Lophocoleaceae (Jörg.) Vanden Berghen

Bragginsella R.M.Schust.

Bragginsella anomala R.M.Schust.

Chiloscyphus Corda

= *Jungermannia* sect. *Lophocolea* Dumort.; *Lophocolea* (Dumort.) Dumort.

***Chiloscyphus alpicola* J.J.Engel**

***Chiloscyphus aperticaulis* J.J.Engel**

= *Lophocolea aperticaulis* (J.J.Engel) L.Söderstr.

***Chiloscyphus austrigenus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.**

= *Jungermannia austrigena* Hook.f. & Taylor; *Lophocolea austrigena* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Pachyglossa austrigena* (Hook.f. & Taylor) L.Söderstr.

***Chiloscyphus austrigenus* subsp. *okaritanus* (Steph.) J.J.Engel**

= *Lophocolea okaritana* Steph.; *Chiloscyphus okaritanus* (Steph.) J.J.Engel & R.M.Schust.; *Pachyglossa austrigena* subsp. *okaritana* (Steph.) L.Söderstr.

= *Lophocolea gunniana* Nees

***Chiloscyphus bispinosus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.**

= *Jungermannia bispinosa* Hook.f. & Taylor; *Lophocolea bispinosa* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees

= *Lophocolea mittenii* Steph.

= *Lophocolea minuta* Pearson

= *Lophocolea curvifolia* Herzog

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

= *Lophocolea calcarea* Steph.

= *Lophocolea wairoae* Herzog

***Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees**

= *Jungermannia canaliculata* Hook.f. & Taylor; *Lophocolea heterophylloides* var. *canaliculata* (Gottsche, Lindenb. & Nees) Carrington & Pearson; *Lophocolea canaliculata* (Gottsche, Lindenb. & Nees) Steph.; *Chiloscyphus semiteres* var. *canaliculatus* (Gottsche, Lindenb. & Nees) J.J.Engel

Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees var. *canaliculatus

***Chiloscyphus canaliculatus* var. *concavus* J.J.Engel**

***Chiloscyphus cuspidatus* (Nees) J.J.Engel & R.M.Schust.**

= *Lophocolea bidentata* var. *cuspidata* Nees

= *Lophocolea fusca* Steph.

= *Lophocolea cuspidata* subsp. *antipodea* R.M.Schust.

***Chiloscyphus erosus* J.J.Engel**

= *Lophocolea erosa* (J.J.Engel) L.Söderstr.

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

= *Lophocolea excisifolia* Steph.

***Chiloscyphus hattorii* J.J.Engel**

= *Lophocolea hattorii* (J.J.Engel) L.Söderstr.

***Chiloscyphus herzogii* J.J.Engel & R.M.Schust.**

= *Lophocolea decurrens* Herzog

***Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.**

= *Lophocolea innovata* E.A.Hodgs.; *Leptoscyphus innovatus* (E.A.Hodgs.) J.J.Engel

= *Chiloscyphus anisolobus* J.J.Engel & Glenn; *Lophocolea anisoloba* (J.J.Engel & Glenn) L.Söderstr.

***Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.**

= *Jungermannia lenta* Hook.f. & Taylor; *Lophocolea lenta* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

= *Lophocolea cheesemanii* Steph.; *Chiloscyphus cheesemanii* (Steph.) J.J.Engel & R.M.Schust.

= *Lophocolea goebelliana* Steph.

= *Lophocolea knightii* Steph.

***Chiloscyphus mediifrons* J.J.Engel & Braggins**

= *Lophocolea mediifrons* (J.J.Engel & Braggins) L.Söderstr.

***Chiloscyphus muricatus* (Lehm.) J.J.Engel & R.M.Schust.**

= *Jungermannia muricata* Lehm.; *Lophocolea muricata* (Lehm.) Nees

***Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.**

= *Jungermannia novae-zeelandiae* Lehm. & Lindenb.; *Lophocolea novae-zeelandiae* (Lehm. & Lindenb.) Nees

= *Jungermannia grisea* Hook.f. & Taylor; *Lophocolea grisea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees.

***Chiloscyphus novae-zeelandiae* var. *grandistipulus* (Schiffn.) J.J.Engel**

= *Lophocolea grandistipula* Schiffn.

= *Lophocolea kirkii* Steph.

= *Lophocolea rotundistipula* Steph.

***Chiloscyphus novae-zeelandiae* var. *meridionalis* (Steph.) J.J.Engel**

= *Lophocolea meridionalis* Steph.; *Lophocolea novae-zeelandiae* var. *meridionalis* (Steph.) L.Söderstr.

Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust. var. *novae-zeelandiae

***Chiloscyphus parvispineus* J.J.Engel**

= *Lophocolea parvispinea* (J.J.Engel) L.Söderstr.

***Chiloscyphus perpusillus* (Hook.f. & Taylor) J.J.Engel**

= *Jungermannia perpusilla* Hook.f. & Taylor; *Lophocolea perpusilla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

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

= *Lophocolea rupicola* Steph.

= *Lophocolea fissistipula* Steph.; *Chiloscyphus fissistipulus* (Steph.) J.J.Engel & R.M.Schust.

= *Lophocolea insularis* Steph.; *Chiloscyphus insularis* (Steph.) J.J.Engel & R.M.Schust.

= *Lophocolea variabilis* Steph.; *Chiloscyphus variabilis* (Steph.) J.J.Engel & R.M.Schust.

***Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.**

= *Jungermannia semiteres* Lehm.; *Lophocolea semiteres* (Lehm.) Mitt.

= *Chiloscyphus dallianus* (Steph.) J.J.Engel & R.M.Schust.; *Lophocolea dalliana* Steph.

= *Lophocolea heterophylloides* Nees

= *Chiloscyphus marginatus* Colenso

= *Lophocolea geheebii* Steph.; *Chiloscyphus geheebii* (Steph.) J.J.Engel & R.M.Schust.

= *Lophocolea heterophylloides* var. *crassiflora* Pearson

Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb. var. *semiteres

***Chiloscyphus septatus* J.J.Engel**

- Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust.
 ≡ *Lophocolea subporosa* Mitt.
 = *Lophocolea kaalaasii* Steph.
 = *Lophocolea petriana* Steph.
 = *Lophocolea scorpionifolia* Steph.
 = *Lophocolea beckettiana* Steph.
- Chiloscyphus subporosus* var. *inflexifolius* (Steph.) J.J.Engel
 ≡ *Lophocolea inflexifolia* Steph.; *Chiloscyphus inflexifolius* (Steph.) J.J.Engel & R.M.Schust.; *Lophocolea subporosa* var. *inflexifolia* (Steph.) L.Söderstr.
- Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust. var. *subporosus*
- Chiloscyphus trichocoleoides* Glenny, J.J.Engel & He-Nygrén
 ≡ *Lophocolea trichocoleoides* (Glenny, J.J.Engel & He-Nygrén) L.Söderstr.
- Chiloscyphus villosus* (Mitt. ex Steph.) J.J.Engel & R.M.Schust.
 ≡ *Lophocolea villosa* Mitt. ex Steph.
- Clasmatocolea* Spruce
- Clasmatocolea bisexualis* Glenny & J.J.Engel
- Clasmatocolea crassiretis* (Herzog) Grolle
 ≡ *Lophocolea crassiretis* Herzog; *Chiloscyphus crassiretis* (Herzog) Hässel
- Clasmatocolea humilis* (Hook.f. & Taylor) Grolle
 ≡ *Jungermannia humilis* Hook.f. & Taylor; *Chiloscyphus humilis* (Hook.f. & Taylor) Hässel
- Clasmatocolea humilis* (Hook.f. & Taylor) Grolle var. *humilis*
- Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 ≡ *Jungermannia inflexispina* Hook.f. & Taylor; *Chiloscyphus inflexispinus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 = *Lophocolea amplexens* Mitt.; *Chiloscyphus amplexens* (Mitt.) J.J.Engel & R.M.Schust.; *Clasmatocolea amplexens* (Mitt.) J.J.Engel
- Clasmatocolea notophylla* (Hook.f. & Taylor) Grolle
 ≡ *Jungermannia notophylla* Hook.f. & Taylor; *Chiloscyphus notophyllus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Lophocolea notophylla* (Hook.f. & Taylor) E.A.Hodgs.
- Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 ≡ *Jungermannia strongylophylla* Hook.f. & Taylor; *Chiloscyphus strongylophyllus* (Hook.f. & Taylor) Hässel
 = *Jungermannia notophylla* var. *minor* Hook.f. & Taylor
 = *Leptoscyphus turgescens* (Hook.f. & Taylor) Mitt.; *Leioscyphus turgescens* (Hook.f. & Taylor) Mitt.; *Lophocolea turgescens* (Hook.f. & Taylor) E.A.Hodgs.
- Clasmatocolea vermicularis* (Lehm.) Grolle
 ≡ *Jungermannia vermicularis* Lehm.; *Notoscyphus vermicularis* (Lehm.) Steph.; *Chiloscyphus vermicularis* (Lehm.) Hässel
 = *Lophocolea unduliflora* Gottsche ex Steph.
- Clasmatocolea verrucosa* J.J.Engel
- Cryptolophocolea* L.Söderstr., Crand.-Stotl. & Váňa
- Cryptolophocolea aculeata* (Mitt.) L.Söderstr.
 ≡ *Chiloscyphus aculeatus* Mitt.; *Lophocolea aculeata* (Mitt.) E.A.Hodgs.
- Cryptolophocolea helmsiana* (Steph.) L.Söderstr.
 ≡ *Lophocolea helmsiana* Steph.; *Chiloscyphus helmsianus* (Steph.) J.J.Engel & R.M.Schust.
- Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
 ≡ *Jungermannia leucophylla* Hook.f. & Taylor; *Chiloscyphus leucophyllus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Lophocolea leucophylla* Gottsche, Lindenb. & Nees
 = *Lophocolea fulva* Steph.; *Chiloscyphus fulvus* (Steph.) J.J.Engel & R.M.Schust.
- Cryptolophocolea mitteniana* (Colenso) L.Söderstr.
 ≡ *Isotachis mitteniana* Colenso; *Chiloscyphus mittenianus* (Colenso) J.J.Engel
- Cryptolophocolea mitteniana* (Colenso) L.Söderstr. var. *mitteniana*
 ≡ *Chiloscyphus mittenianus* (Colenso) J.J.Engel var. *mittenianus*
 = *Chiloscyphus vulcanicus* Colenso
- Cryptolophocolea mitteniana* var. *obtusa* (J.J.Engel) L.Söderstr.
 ≡ *Chiloscyphus mittenianus* var. *obtusus* J.J.Engel
- Cryptolophocolea mitteniana* var. *symmetrica* (J.J.Engel) L.Söderstr.
 ≡ *Chiloscyphus mittenianus* var. *symmetricus* J.J.Engel
- Cryptolophocolea pallida* (Mitt.) L.Söderstr.
 ≡ *Lophocolea pallida* Mitt.; *Chiloscyphus pallidus* (Mitt.) J.J.Engel & R.M.Schust.
 = *Jungermannia multipenna* Hook.f. & Taylor; *Lophocolea multipenna* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus multipennus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 = *Lophocolea erectifolia* Steph.; *Chiloscyphus erectifolius* (Steph.) Steph.
- Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.
 ≡ *Jungermannia spinifera* Hook.f. & Taylor; *Lophocolea spinifera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus spinifer* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- Cryptolophocolea trialata* (Gottsche) L.Söderstr.
 ≡ *Lophocolea trialata* Gottsche; *Chiloscyphus trialatus* (Gottsche) J.J.Engel & R.M.Schust.
 = *Lophocolea bicuspidata* Pearson; *Chiloscyphus pearsonii* J.J.Engel & R.M.Schust.
- Cryptolophocolea tuberculata* (J.J.Engel) L.Söderstr.
 ≡ *Chiloscyphus tuberculatus* J.J.Engel
- Hepatostolonophora* J.J.Engel & R.M.Schust.
 ≡ *Stolonophora* J.J.Engel & R.M.Schust.
 = *Cryptostipula* R.M.Schust.
- Hepatostolonophora paucistipula* (Rodway) J.J.Engel
 ≡ *Lophocolea paucistipula* Rodway; *Clasmatocolea paucistipula* (Rodway) Grolle
 = *Cryptostipula inundata* R.M.Schust.
- Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel
 ≡ *Jungermannia rotata* Hook.f. & Taylor; *Clasmatocolea rotata* (Hook.f. & Taylor) Grolle
 = *Lophocolea zotovii* Herzog; *Clasmatocolea zotovii* (Herzog) Grolle

- Hepatostolonophora rotata* var. *perssonii* (R.M.Schust.) J.J.Engel
 ≡ *Calyptrocolea perssonii* R.M.Schust.; *Stolonophora perssonii* (R.M.Schust.) J.J.Engel & R.M.Schust.
- Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel var. *rotata*
- Heteroscyphus* Schiffn.
 = *Amphilophocolea* R.M.Schust.
 = *Cyanolophocolea* (R.M.Schust.) R.M.Schust.
- Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 ≡ *Jungermannia allodonta* Hook.f. & Taylor; *Lophocolea allodonta* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus allodontus* (Hook.f. & Taylor) E.A.Hodgs.
 = *Chiloscyphus biciliatus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Lophocolea biciliata* (Hook.f. & Taylor) Mitt.; *Heteroscyphus biciliatus* (Hook.f. & Taylor) J.J.Engel
 = *Chiloscyphus piperitus* Mitt.
 = *Chiloscyphus floribundus* Steph.
- Heteroscyphus ammophilus* (Colenso) R.M.Schust.
 ≡ *Chiloscyphus ammophilus* Colenso
 = *Chiloscyphus insulus* Colenso
 = *Chiloscyphus commutatus* Steph.
- Heteroscyphus ammophilus* (Colenso) R.M.Schust. var. *ammophilus*
- Heteroscyphus ammophilus* var. *obtusifolius* J.J.Engel & G.L.Merr.
- Heteroscyphus argutus* (Reinw., Blume & Nees) Schiffn.
 ≡ *Jungermannia arguta* Reinw., Blume & Nees; *Chiloscyphus argutus* (Reinw., Blume & Nees) Nees
- Heteroscyphus assurgentifolius* J.J.Engel
- Heteroscyphus billardierei* (Schwägr.) Schiffn.
 ≡ *Jungermannia billardierei* Schwägr.; *Chiloscyphus billardierei* (Schwägr.) Nees
 = *Chiloscyphus circumdentatus* W.Martin & E.A.Hodgs.; *Heteroscyphus circumdentatus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust.
- Heteroscyphus billardierei* (Schwägr.) Schiffn. var. *billardierei*
- Heteroscyphus billardierei* var. *clasmatocoleoides* (J.J.Engel & G.L.Merr.) J.J.Engel
 ≡ *Heteroscyphus circumdentatus* var. *clasmatocoleoides* J.J.Engel & G.L.Merr.
- Heteroscyphus chlorophyllus* (Hook.f. & Taylor) Schiffn.
 ≡ *Jungermannia chlorophylla* Hook.f. & Taylor; *Lophocolea chlorophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus chlorophyllus* (Hook.f. & Taylor) Mitt.
- Heteroscyphus ciliatus* (Steph.) Schiffn.
 ≡ *Chiloscyphus ciliatus* Steph.; *Chiloscyphus billardierei* f. *ciliatus* (Steph.) Rodway
 = *Chiloscyphus billardierei* var. *hookerianus* Nees
- Heteroscyphus coalitus* (Hook.) Schiffn.
 ≡ *Jungermannia coalita* Hook.; *Chiloscyphus coalitus* (Hook.) Nees
- Heteroscyphus coalitus* (Hook.) Schiffn. var. *coalitus*
- Heteroscyphus coalitus* var. *simplicifolius* J.J.Engel
- Heteroscyphus conjugatus* (Mitt.) J.J.Engel & R.M.Schust.
 ≡ *Chiloscyphus conjugatus* Mitt.
- Heteroscyphus cuneistipulus* (Steph.) Schiffn.
 ≡ *Chiloscyphus cuneistipulus* Steph.
- Heteroscyphus deceptifrons* J.J.Engel
- Heteroscyphus dentammophilus* J.J.Engel & G.L.Merr.
- Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
 ≡ *Lophocolea echinella* Lindenb. & Gottsche; *Chiloscyphus echinellus* (Lindenb. & Gottsche) Mitt.; *Cyanolophocolea echinella* (Lindenb. & Gottsche) R.M.Schust.
- Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén var. *echinellus*
- Heteroscyphus echinellus* var. *hyalinus* J.J.Engel
- Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.
 ≡ *Jungermannia fissistipa* Hook.f. & Taylor; *Chiloscyphus fissistipus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Chiloscyphus renistipulus* Steph.; *Heteroscyphus renistipulus* (Steph.) Schiffn.
- Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn. var. *fissistipus*
- Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel
 ≡ *Chiloscyphus multispinus* E.A.Hodgs. & Allison; *Heteroscyphus multispinus* (E.A.Hodgs. & Allison) J.J.Engel & R.M.Schust
- Heteroscyphus fissistipus* var. *repandus* J.J.Engel
 = *Chiloscyphus kirkii* Steph.
- Heteroscyphus furcistipulus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 ≡ *Chiloscyphus furcistipulus* E.A.Hodgs.
- Heteroscyphus gunnianus* (Mitt.) J.J.Engel & R.M.Schust.
 ≡ *Chiloscyphus gunnianus* Mitt.
- Heteroscyphus hastatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 ≡ *Chiloscyphus hastatus* E.A.Hodgs.
- Heteroscyphus knightii* (Steph.) Grolle
 ≡ *Chiloscyphus knightii* Steph.
 = *Chiloscyphus tridentatus* Mitt.; *Heteroscyphus tridentatus* (Mitt.) J.J.Engel & R.M.Schust.
 = *Saccogyna trilobata* Steph.
 = *Amphilophocolea sciaphila* R.M.Schust.
- Heteroscyphus lingulatus* (Colenso) J.J.Engel & R.M.Schust.
 ≡ *Chiloscyphus lingulatus* Colenso
- Heteroscyphus lyallii* (Mitt.) R.M.Schust.
 ≡ *Chiloscyphus lyallii* Mitt.
- Heteroscyphus menziesii* (Mitt.) J.J.Engel
 ≡ *Chiloscyphus menziesii* Mitt.
 = *Chiloscyphus bidentatus* Steph.

- Heteroscyphus mononuculus* J.J.Engel
Heteroscyphus mononuculus var. *ammophilopsis* J.J.Engel
Heteroscyphus mononuculus var. *bilobus* J.J.Engel
Heteroscyphus mononuculus J.J.Engel var. *mononuculus*
Heteroscyphus oblongifolius (Hook.f. & Taylor) Schiffn.
 = *Jungermannia oblongifolia* Hook.f. & Taylor; *Chiloscyphus oblongifolius* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Lophocolea colensoi* Mitt.; *Chiloscyphus colensoi* (Mitt.) Mitt.; *Chiloscyphus colensoi* (Mitt.) Bastow; *Heteroscyphus colensoi* (Mitt.) Schiffn.
- Heteroscyphus parallelifolius* J.J.Engel
 = *Lophocolea helmsiana* var. *subparallela* E.A.Hodgs.
- Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 = *Jungermannia planiuscula* Hook.f. & Taylor; *Lophocolea planiuscula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 = *Jungermannia retusata* Hook.f. & Taylor; *Chiloscyphus retusatus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
- Heteroscyphus polycladus* (Hook.f. & Lév.) R.M.Schust.
 = *Jungermannia polyclada* Hook.f. & Lév.; *Chiloscyphus polycladus* (Hook.f. & Lév.) Mitt.
 = *Lophocolea polyclada* Hook.f. & Taylor
 = *Chiloscyphus banksianus* Gottsche
- Heteroscyphus sinuosus* (Hook.) Schiffn.
 = *Chiloscyphus sinuosus* (Hook.) Nees; *Jungermannia sinuosa* Hook.
- Heteroscyphus splendidus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 = *Chiloscyphus splendidus* E.A.Hodgs.
- Heteroscyphus stoloniferus* J.J.Engel
- Heteroscyphus supinus* (Hook.f. & Taylor) R.M.Schust.
 = *Chiloscyphus supinus* Hook.f. & Taylor
- Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 = *Jungermannia triacantha* Hook.f. & Lév.; *Lophocolea triacantha* (Hook.f. & Lév.) Taylor; *Chiloscyphus triacanthus* (Hook.f. & Lév.) Steph.
 = *Chiloscyphus odoratus* Mitt.; *Heteroscyphus odoratus* (Mitt.) Schiffn.
 = *Chiloscyphus vestulus* Colenso
 = *Chiloscyphus triacanthus* f. *cavernicola* Allison
- Heteroscyphus triacanthus* var. *magnistipulatus* J.J.Engel
Heteroscyphus triacanthus (Hook.f. & Taylor) Schiffn. var. *triacanthus*
- Lamellocolea* J.J.Engel
- Lamellocolea granditexta* (Steph.) J.J.Engel
 = *Lophocolea granditexta* Steph.
 = *Lophocolea lamellicalyx* Herzog
 = *Lophocolea multialata* Herzog
 = *Lophocolea subscorpionifolia* Herzog
- Lamellocolea integrostia* J.J.Engel & Glenny
- Leptophyllopsis* R.M.Schust.
Leptophyllopsis laxa (Mitt.) R.M.Schust.
 = *Chiloscyphus laxus* Mitt.
- Leptoscyphus* Mitt.
 = *Leioscyphus* Mitt.
- Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
 = *Chiloscyphus australis* Gottsche, Lindenb. & Nees; *Lophocolea australis* (Gottsche, Lindenb. & Nees) Mitt.
 = *Jungermannia australis* Hook.f. & Taylor; *Lophocolea hodgsoniae* Hamlin
- Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel
 = *Chiloscyphus beckettianus* Steph.
 = *Lophocolea normalis* Steph.; *Chiloscyphus normalis* (Steph.) E.A.Hodgs.; *Heteroscyphus normalis* (Steph.) R.M.Schust.; *Leptoscyphus normalis* (Steph.) J.J.Engel
- Leptoscyphus compactus* (Colenso) J.J.Engel
 = *Chiloscyphus compactus* Colenso; *Heteroscyphus compactus* (Colenso) R.M.Schust.
- Leptoscyphus excipulatus* (Steph.) J.J.Engel
 = *Lophocolea excipulata* Steph.; *Chiloscyphus excipulatus* (Steph.) J.J.Engel & R.M.Schust.
- Leptoscyphus excipulatus* (Steph.) J.J.Engel var. *excipulatus*
- Leptoscyphus heterophyllus* (Steph.) J.J.Engel
 = *Chiloscyphus heterophyllus* Steph.; *Heteroscyphus heterophyllus* (Steph.) J.J.Engel & R.M.Schust.
 = *Chiloscyphus erraticus* W.Martin & E.A.Hodgs.; *Heteroscyphus erraticus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust.; *Leptoscyphus erraticus* (W.Martin & E.A.Hodgs.) J.J.Engel
- Leptoscyphus iododontus* J.J.Engel
- Leptoscyphus incomptus* J.J.Engel
- Leptoscyphus microphyllidicus* J.J.Engel
- Leptoscyphus nanophysanthodes* J.J.Engel
- Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 = *Jungermannia physantha* Hook.f. & Taylor; *Lophocolea physantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Chiloscyphus physanthus* (Hook.f. & Taylor) Mitt.; *Heteroscyphus physanthus* (Hook.f. & Taylor) R.M.Schust.
 = *Chiloscyphus epiphytus* Colenso
 = *Lophocolea filicicola* Steph.; *Chiloscyphus filicicolus* (Steph.) Steph.
- Pachyglossa* Herzog & Grolle
 = *Pachyglossa* Herzog
- Pachyglossa tenacifolia* (Hook.f. & Taylor) Herzog & Grolle
 = *Jungermannia tenacifolia* Hook.f. & Taylor
- Pseudolophocolea* R.M.Schust. & J.J.Engel
Pseudolophocolea denticulata R.M.Schust. & J.J.Engel

Stolonivector J.J.Engel

Stolonivector clasmatocoleoides J.J.Engel

Stolonivector echioides Frogley & Glenny

Stolonivector fiordlandiae (E.A.Hodgs.) J.J.Engel

≡ *Lophocolea fiordlandiae* E.A.Hodgs.; *Clasmatocolea fiordlandiae* (E.A.Hodgs.) Grolle; *Chiloscyphus fiordlandiae* (E.A.Hodgs.) J.J.Engel & R.M.Schust.

Stolonivector fiordlandiae (E.A.Hodgs.) J.J.Engel var. *fiordlandiae*

Stolonivector fiordlandiae var. *nodulosus* J.J.Engel

Stolonivector obtusilobus J.J.Engel

Stolonivector waipouensis J.J.Engel

Tetracymbaliella Grolle

≡ *Heteroscyphus* subgen. *Tetracymbaliella* (Grolle) J.J.Engel & R.M.Schust.

Tetracymbaliella cymbalifera (Hook.f. & Taylor) Grolle

≡ *Jungermannia cymbalifera* Hook.f. & Taylor; *Chiloscyphus cymbaliferus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Heteroscyphus cymbaliferus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.

Tetracymbaliella decipiens (Gottsche) Grolle

≡ *Chiloscyphus decipiens* Gottsche; *Heteroscyphus decipiens* (Gottsche) J.J.Engel & R.M.Schust.

Family: Lophoziaceae Cavers

Andrewsianthus R.M.Schust.

= *Cephalolobus* R.M.Schust.

Andrewsianthus hodgsoniae (R.M.Schust.) R.M.Schust ex J.J. Engel

≡ *Cephalolobus hodgsoniae* R.M.Schust.

Andrewsianthus marionensis (S.W.Arnell) Grolle

≡ *Lophozia marionensis* S.W.Arnell

= *Cephalozella marionensis* S.W.Arnell

= *Lophozia squarrosa* S.W.Arnell

= *Cephalolobus squarrosus* R.M.Schust.; *Andrewsianthus cuspidatus* R.M.Schust.

Andrewsianthus perigonialis (Hook.f. & Taylor) R.M.Schust.

≡ *Jungermannia perigonialis* Hook.f. & Taylor; *Sarcocyphos perigonialis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Nardia perigonialis* (Hook.f. & Taylor) Trevis.; *Lophozia perigonialis* (Hook.f. & Taylor) Grolle

= *Eremonotus confusus* R.M.Schust.; *Andrewsianthus confusus* (R.M.Schust.) R.M.Schust.

= *Andrewsianthus planifolius* J.J.Engel

Lophozia Konstant. & Vilnet

Lophozia excisa (Dicks.) Konstant. & Vilnet

≡ *Jungermannia excisa* Dicks.; *Lophozia excisa* (Dicks.) Dumort.

= *Jungermannia propagulifera* Gottsche; *Lophozia propagulifera* (Gottsche) Steph.

Tritomaria Loeske

≡ *Tritomaria* Schiffn.

Tritomaria exsecta (Schmidel ex Schrad.) Loeske

≡ *Jungermannia exsecta* Schmidel; *Jungermannia exsecta* Schmidel ex Schrad.; *Lophozia exsecta* (Schmidel ex Schrad.) Dumort.; *Scapania exsecta* (Schmidel ex Schrad.) Austin; *Diplophyllum exsecta* (Schmidel ex Schrad.) Thériot & Monguillon; *Sphenolobus exsecta* (Schmidel ex Schrad.) Steph.

Tritomaria exsecta subsp. *novaezelandiae* J.J.Engel

Family: Mastigophoraceae R.M.Schust.

Dendromastigophora R.M.Schust.

Dendromastigophora flagellifera (Hook.) R.M.Schust.

≡ *Jungermannia flagellifera* Hook.; *Mastigophora flagellifera* (Hook.) Nees

Family: Notoscyphaceae Crand.-Stotl., Váňa & Stotler

Notoscyphus Mitt.

Notoscyphus lutescens (Lehm. & Lindenb.) Mitt.

≡ *Jungermannia lutescens* Lehm. & Lindenb.; *Gymnomitrium lutescens* (Lehm. & Lindenb.) Gottsche; *Gymnanthe lutescens* (Lehm. & Lindenb.) Mitt.; *Acolea lutescens* (Lehm. & Lindenb.) Trevis.; *Cesius lutescens* (Lehm. & Lindenb.) Kuntze; *Nardia lutescens* (Lehm. & Lindenb.) Steph.

Family: Plagiochilaceae (Jörg.) Müll.Frib.

Chiastocaulon Carl

= *Plagiochilium* S.Hatt.

= *Acrochila* R.M.Schust.

Chiastocaulon biserialis (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs

≡ *Plagiochila biserialis* Lehm. & Lindenb.; *Acrochila biserialis* (Lehm. & Lindenb.) Grolle

= *Plagiochila simpsonii* W.Martin & E.A.Hodgs.

Chiastocaulon conjugatum (Hook.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs

≡ *Jungermannia conjugata* Hook.; *Plagiochilium conjugatum* (Hook.) R.M.Schust.

= *Jungermannia connexa* Hook.f. & Taylor

Chiastocaulon proliferum (Mitt.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs

≡ *Plagiochila proliferum* Mitt.; *Plagiochilium proliferum* (Mitt.) R.M.Schust.

Cryptoplagiochila S.D.F.Patzak, M.A.M. Renner & Heinrichs

Cryptoplagiochila radiculosa (Mitt.) S.D.F.Patzak, M.A.M. Renner & Heinrichs

≡ *Plagiochila radiculosa* Mitt.

= *Plagiochila recta* Colenso

= *Plagiochila wattsi* Steph. ex Rodway

Dinckleria Trevis

= *Proskauera* Heinrichs & J.J.Engel

- Dinckleria fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs
 = *Jungermannia fruticella* Hook.f. & Taylor; *Plagiochila fruticella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Proskauera fruticella* (Hook.f. & Taylor) Heinrichs & J.J.Engel
- Dinckleria pleurata* (Hook.f. & Taylor) Trevis.
 = *Jungermannia pleurata* Hook.f. & Taylor; *Plagiochila pleurata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Proskauera pleurata* (Hook.f. & Taylor) Heinrichs & J.J.Engel
- Pedinophyllum* (Lindb.) Lindb.
 = *Plagiochila* sect. *Pedinophyllum* Lindb.
- Pedinophyllum monoicum* (Steph.) Grolle
 = *Plagiochila monoica* Steph.
- Plagiochila* (Dumort.) Dumort.
 = *Radula* sect. *Plagiochila* Dumort.
- Plagiochila alta* Steph.
- Plagiochila annotina* Menzies ex Lindenb.
 = *Plagiochila kirkii* Mitt. ex Steph.
- Plagiochila banksiana* Gottsche
 = *Plagiochila laeta* Mitt.
 = *Plagiochila limpida* Herzog
- Plagiochila banksiana* Gottsche var. *banksiana*
- Plagiochila banksiana* var. *echinophora* Inoue & R.M.Schust.
- Plagiochila baylisii* Inoue & R.M.Schust.
- Plagiochila bazzanioides* J.J.Engel & G.L.Merr.
- Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
 = *Jungermannia circinalis* Lehm. & Lindenb.
 = *Plagiochila decurvifolia* Steph.
 = *Plagiochila deflexifolia* Steph.
- Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb. var. *circinalis*
- Plagiochila circinalis* var. *hemicardia* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.
 = *Jungermannia hemicardia* Hook.f. & Taylor; *Plagiochila hemicardia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Plagiochila pigmentata* E.A.Hodgs.
- Plagiochila circumdentata* Steph.
- Plagiochila circumdentata* var. *carinata* J.J.Engel & G.L.Merr.
- Plagiochila circumdentata* Steph. var. *circumdentata*
- Plagiochila colensoi* Hook.f. & Taylor
 = *Plagiochila lyallii* Mitt.
 = *Plagiochila exilis* Colenso
 = *Plagiochila pallescens* Colenso
- Plagiochila deltoidea* Lindenb.
 = *Jungermannia deltoidea* (Lindenb.) Hook.f. & Taylor
 = *Plagiochila axillaris* Colenso
 = *Plagiochila caespitosa* Colenso
 = *Plagiochila spenceriana* Colenso
 = *Plagiochila howeana* Steph.
- Plagiochila deltoidea* Lindenb. var. *deltoidea*
- Plagiochila deltoidea* var. *densa* J.J.Engel & G.L.Merr.
- Plagiochila fasciculata* Lindenb.
 = *Jungermannia aculeata* Hook.f. & Taylor; *Plagiochila aculeata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Plagiochila subquadrata* Herzog
- Plagiochila fragmentissima* Inoue & R.M.Schust.
- Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Jungermannia fuscella* Hook.f. & Taylor
 = *Plagiochila rotundifolia* Colenso
 = *Plagiochila orbiculata* Colenso
 = *Plagiochila beckettiana* Steph.
 = *Plagiochila multidentata* Steph.
- Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *fuscella*
- Plagiochila fuscella* var. *novae-zelandiae* (E.A.Hodgs.) J.J.Engel & G.L.Merr.
- Plagiochila gigantea* Lindenb.
 = *Jungermannia gigantea* Hook.
 = *Plagiochila suborbiculata* Colenso
- Plagiochila gigantea* Lindenb. var. *gigantea*
- Plagiochila gigantea* var. *inermis* J.J.Engel & G.L.Merr.
- Plagiochila gregaria* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Jungermannia gregaria* Hook.f. & Taylor
 = *Tylimanthus saccatus* var. *umbrellaris* Berggr.
 = *Plagiochila helmsii* Steph.
- Plagiochila hartziana* Pearson
 = *Syzygiella viridonigra* E.A.Hodgs.; *Plagiochila viridonigra* (E.A.Hodgs.) Inoue
- Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 = *Jungermannia incurvicolla* Hook.f. & Taylor
 = *Plagiochila quinquespina* Steph.; *Plagiochila lyallii* var. *quinquespina* (Steph.) Inoue & R.M.Schust.; *Plagiochila colensoi* var. *quinquespina* (Steph.) J.J.Engel & G.L.Merr.
 = *Plagiochila hatcheri* J.J.Engel & G.L.Merr.
- Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *incurvicolla*

Plagiochila incurvicolla var. *lonchoscypha* (Herzog) J.J.Engel & G.L.Merr.

≡ *Plagiochila lonchoscypha* Herzog.; *Plagiochila lyallii* var. *lonchoscypha* (Herzog) E.A.Hodgs.

Plagiochila intertexta Hook.f. & Taylor

= *Plagiochila sinclairii* Mitt.

= *Plagiochila traversii* Steph.

= *Plagiochila litoralis* Steph.

Plagiochila microdictyon Mitt.

Plagiochila pacifica Mitt.

= *Plagiochila kermadecensis* Engel & G.L.Merr.

Plagiochila ramosissima (Hook.) Lindenb.

≡ *Jungermannia ramosissima* Hook.

Plagiochila reischeckiana Steph.

Plagiochila rutlandii Steph.

Plagiochila spinulosa (Dicks.) Dumort.

≡ *Jungermannia spinulosa* Dicks.; *Martinellius spinulosus* (Dicks.) Gray; *Radula spinulosa* (Dicks.) Dumort.

= *Plagiochila caducifolia* Inoue & R.M.Schust.

Plagiochila stephensoniana Mitt.

= *Plagiochila obscura* Colenso

= *Plagiochila polycarpa* Colenso

Plagiochila strombifolia Taylor ex Lehm.

= *Plagiochila neohoweana* Pearson

Plagiochila subfasciculata Colenso

= *Plagiochila berggreniana* Colenso

Plagiochila subflabellata Colenso

= *Plagiochila heterophylla* Colenso

Plagiochila trispicata Colenso

= *Plagiochila longissima* Colenso

= *Plagiochila polystachya* Colenso

= *Plagiochila calcarata* Herzog

= *Plagiochila arbuscula* var. *rekohuensis* J.J.Engel & G.L.Merr.; *Plagiochila trispicata* var. *rekohuensis* (J.J.Engel & G.L.Merr.) M.A.M.Renner

Family: Pseudolepicoleaceae Fulford & J.Taylor

Archeophylla R.M.Schust.

Archeophylla schusteri (E.A.Hodgs. & Allison) R.M.Schust.

≡ *Temnoma schusteri* E.A.Hodgs. & Allison

Castanoclobos J.J.Engel & Glenny

Castanoclobos julaceus (J.J.Engel) J.J.Engel & Glenny

≡ *Trichocolea julacea* Hatcher; *Leiomitra julacea* J.J.Engel

Isophyllaria E.A.Hodgs. & Allison

= *Fulfordiella* Hässel

Isophyllaria attenuata (Rodway) E.A.Hodgs.

≡ *Isotachis attenuatus* Rodway

= *Isophyllaria murrayana* E.A.Hodgs. & Allison

Temnoma Mitt.

Temnoma angustifolium R.M.Schust.

Temnoma palmatum (Pearson) R.M.Schust.

≡ *Blepharostoma palmatum* Pearson

Temnoma palmatum var. *cuneatum* R.M.Schust.

Temnoma palmatum var. *laxifolium* R.M.Schust.

Temnoma palmatum (Pearson) R.M.Schust. var. *palmatum*

Temnoma palmatum var. *pseudospiniferum* R.M.Schust.

Temnoma paucisetigerum R.M.Schust.

Temnoma pulchellum (Hook.) Mitt. ex Bastow

≡ *Jungermannia pulchella* Hook.; *Blepharostoma pulchellum* (Hook.) Steph.

Temnoma quadrifidum (Mitt.) Mitt. ex E.A.Hodgs. & Allison

≡ *Jungermannia quadrifida* Mitt.; *Blepharostoma quadrifidum* (Mitt.) Pearson

= *Isotachis palmatiloba* E.A.Hodgs.; *Temnoma palmatilobum* (E.A.Hodgs.) E.A.Hodgs. & Allison

Temnoma quadripartitum (Hook.) Mitt.

≡ *Jungermannia quadripartita* Hook.; *Blepharostoma quadripartitum* (Hook.) Trevis.

Temnoma quadripartitum var. *pseudopungens* R.M.Schust.

Temnoma quadripartitum (Hook.) Mitt. var. *quadripartitum*

Temnoma quadripartitum var. *randii* (S.W.Arnell) R.M.Schust.

≡ *Lepidozia randii* S.W.Arnell

Family: Ptilidiaceae H.Klinggr.

Ptilidium Nees

Ptilidium ciliare (L.) Hampe

≡ *Jungermannia ciliaris* L.

Family: Scapaniaceae Mig.

Diplophyllum (Dumort.) Dumort.

≡ *Jungermannia* sect. *Diplophyllum* Dumort.

Diplophyllum dioicum R.M.Schust.

Diplophyllum gemmiparum J.J.Engel & G.L.Merr.

Diplophyllum novum J.J.Engel & G.L.Merr.

Diplophyllum obtusifolium (Hook.) Dumort.

= *Jungermannia obtusifolium* Hook.

Diplophyllum obtusifolium subsp. *domesticum* (Gottsche) Váňa

= *Jungermannia domestica* Gottsche; *Diplophyllum domesticum* (Gottsche) Steph.; *Diplophyllum domesticum* (Gottsche) Steph. var. *domesticum*

= *Diplophyllum acutilobum* Steph.

= *Diplophyllum marionense* S.W.Arnell

= *Diplophyllum randii* S.W.Arnell ex R.M.Schust.

= *Diplophyllum domesticum* var. *icari* J.J.Engel & G.L.Merr.

Diplophyllum verrucosum R.M.Schust.

Scapania (Dumort.) Dumort.

= *Radula* sect. *Scapania* Dumort

Scapania nemorosa (L.) Dumort.

= *Jungermannia nemorosa* L.; *Martinellius nemorosa* (L.) M.Bernet & Gray; *Radula nemorosa* (L.) Dumort.; *Plagiochila nemorosa* (L.) Mont. & Nees; *Martinellia nemorosa* (L.) Lindb.

Scapania undulata (L.) Dumort.

= *Jungermannia undulata* L.; *Martinellius undulatus* (L.) Gray; *Radula undulata* (L.) Dumort.

Family: *Schistochilaceae* H.Buch

Gottschea Nees ex Mont.

= *Paraschistochila* R.M.Schust.

Gottschea conchophylla (E.A.Hodgs. & Allison) Grolle & Zijlstra

= *Schistochila conchophylla* E.A.Hodgs. & Allison; *Paraschistochila conchophylla* (E.A.Hodgs. & Allison) R.M.Schust.

Gottschea multidentata (J.J.Engel) Glenny & J.J.Engel

= *Gottschea conchophylla* var. *multidentata* J.J.Engel

Gottschea pinnatifolia (Hook.) Nees

= *Jungermannia pinnatifolia* Hook.; *Schistochila pinnatifolia* (Hook.) Trevis; *Paraschistochila pinnatifolia* (Hook.) R.M.Schust.

Gottschea tuloides (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

= *Jungermannia tuloides* Hook.f. & Taylor; *Paraschistochila tuloides* (Hook.f. & Taylor) R.M.Schust.

Pachyschistochila (R.M.Schust) R.M.Schust. & J.J.Engel

= *Schistochila* subgen. *Pachyschistochila* R.M.Schust.

Pachyschistochila altissima (E.A.Hodgs.) R.M.Schust. & J.J.Engel

= *Schistochila altissima* E.A.Hodgs.

Pachyschistochila altissima (E.A.Hodgs.) R.M.Schust. & J.J.Engel subsp. *altissima*

Pachyschistochila berggrenii J.J.Engel & R.M.Schust.

= *Schistochila berggrenii* (J.J.Engel & R.M.Schust.) Xiao L.He & Glenny

Pachyschistochila childii R.M.Schust. & J.J.Engel

= *Schistochila childii* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny

Pachyschistochila colensoana (Steph.) R.M.Schust. & J.J.Engel

= *Schistochila colensoana* Steph.

= *Schistochila pseudokirkiana* R.M.Schust.

Pachyschistochila latiloba R.M.Schust. & J.J.Engel

= *Schistochila latiloba* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny

Pachyschistochila nivicola R.M.Schust. & J.J.Engel

= *Schistochila nivicola* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny

Pachyschistochila papillifera (R.M.Schust.) R.M.Schust. & J.J.Engel

= *Schistochila papillifera* R.M.Schust.

= *Schistochila pusilla* E.A.Hodgs.; *Schistochila ruahinensis* E.A.Hodgs.

Pachyschistochila parvistipula (Rodway) R.M.Schust. & J.J.Engel

= *Schistochila parvistipula* Rodway

Pachyschistochila subhyalina (R.M.Schust.) R.M.Schust. & J.J.Engel

= *Schistochila subhyalina* R.M.Schust.

Pachyschistochila subhyalina var. *grandidentata* J.J.Engel & R.M.Schust.

= *Schistochila subhyalina* var. *grandidentata* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny

Pachyschistochila subhyalina (R.M.Schust.) R.M.Schust. & J.J.Engel var. *subhyalina*

Pachyschistochila succulenta J.J.Engel & R.M.Schust.

= *Schistochila succulenta* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny

Pachyschistochila trispiralis (R.M.Schust.) R.M.Schust. & J.J.Engel

= *Schistochila trispiralis* R.M.Schust.

Pachyschistochila virescens (R.M.Schust.) R.M.Schust. & J.J.Engel

= *Schistochila virescens* R.M.Schust.

Schistochila Dumort.

Schistochila appendiculata (Hook.) Dumort. ex Trevis.

= *Jungermannia appendiculata* Hook.

Schistochila balfouriana (Hook.f. & Taylor) Steph.

= *Jungermannia balfouriana* Hook.f. & Taylor

= *Jungermannia unguicularis* Hook.f. & Taylor; *Schistochila unguicularis* (Hook.f. & Taylor) Steph.

Schistochila chlorophylla (Colenso) J.J.Engel & R.M.Schust.

= *Gottschea chlorophylla* Colenso

Schistochila ciliata (Mitt.) Steph.

= *Gottschea ciliata* Mitt.

Schistochila glaucescens (Hook.) A.Evans

= *Jungermannia glaucescens* Hook.

Schistochila kirkiana Steph.

Schistochila lehmanniana (Lehm. & Lindenb.) Carrington & Pearson

≡ *Jungermannia lehmanniana* Lehm. & Lindenb.

Schistochila monticola R.M.Schust.

Schistochila muricata E.A.Hodgs. & Allison

Schistochila nitidissima R.M.Schust.

Schistochila nobilis (Hook.) Trevis.

≡ *Jungermannia nobilis* Hook.

Schistochila pellucida R.M.Schust. & J.J.Engel

Schistochila pluriciliata R.M.Schust. & J.J.Engel

Schistochila pseudociliata R.M.Schust.

Schistochila repleta (Hook.f. & Taylor) Steph.

≡ *Jungermannia repleta* Hook.f. & Taylor

= *Gottschea laciniosa* Colenso

Family: Solenostomataceae Stotler & Crand.-Stotl.

Solenostoma Mitt.

Solenostoma cryptogynum J.J.Engel

≡ *Solenostoma cryptogynum* R.M.Schust.

Solenostoma hodgsoniae (Grolle) J.J.Engel

≡ *Lethocolea grandifolia* Berggr.; *Symphymitra grandifolia* (Berggr.) Steph.; *Jungermannia grandifolia* (Berggr.) E.A.Hodgs.; *Jungermannia hodgsoniae* Grolle

Solenostoma inundatum (Hook.f. & Taylor) Mitt. ex Steph.

≡ *Jungermannia inundata* Hook.f. & Taylor; *Nardia inundata* (Hook.f. & Taylor) Steph.

= *Jungermannia humilissima* Colenso

= *Jungermannia paucifolia* Colenso

= *Jungermannia polycarpa* Colenso

= *Nardia patellata* Berggr.; *Solenostoma patellata* (Berggr.) Steph.

= *Solenostoma brevissima* Pearson

= *Aplozia victoriensis* Bibby; *Jungermannia victoriensis* (Bibby) E.A.Hodgs.

Solenostoma novaezealandiae R.M.Schust.

Solenostoma orbiculatum (Colenso) R.M.Schust.

≡ *Gymnomitrium orbiculatum* Colenso; *Jungermannia orbiculata* (Colenso) Grolle

= *Solenostoma contexta* Steph.

Solenostoma rufiflorum (Colenso) J.J.Engel

≡ *Jungermannia rufiflora* Colenso

Solenostoma totipapillosum (E.A.Hodgs.) R.M.Schust.

≡ *Jungermannia totipapillosa* E.A.Hodgs.

Family: Trichocoleaceae Nakai

Eotrichocolea R.M.Schust.

Eotrichocolea polyacantha (Hook.f. & Taylor) R.M.Schust.

≡ *Jungermannia polyacantha* Hook.f. & Taylor; *Trichocolea polyacantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

Leiomitra Lindb.

Leiomitra lanata (Hook.) R.M.Schust.

≡ *Jungermannia lanata* Hook.; *Trichocolea lanata* (Hook.) Nees

Trichocolea Dumort.

Trichocolea hatcheri E.A.Hodgs.

= *Trichocolea novaezealandiae* R.M.Schust.

Trichocolea mollissima (Hook.f. & Taylor) Gottsche

≡ *Jungermannia mollissima* Hook.f. & Taylor

= *Trichocolea elegans* Colenso

Trichocolea rigida R.M.Schust.

Family: Trichotemnomataceae R.M.Schust.

Trichotemnoma R.M.Schust.

Trichotemnoma corrugatum (Steph.) R.M.Schust.

≡ *Blepharostoma corrugatum* Steph.; *Temnoma corrugatum* (Steph.) R.M.Schust.; *Trichotemnoma corrugatum* (Steph.) R.M.Schust.

Order: Porellales Schljakov

Family: Frullaniaceae Lorch

Frullania Raddi

Frullania allanii E.A.Hodgs.

Frullania anomala E.A.Hodgs.

Frullania apiculata (Reinw., Blume & Nees) Nees

≡ *Jungermannia apiculata* Reinw., Blume & Nees

Frullania aterrima (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

≡ *Jungermannia aterrima* Hook.f. & Taylor

Frullania chevalieri (R.M.Schust.) R.M.Schust.

≡ *Neohattoria chevalieri* R.M.Schust.

Frullania colliculosa von Konrat, Braggins, Hentschel & Heinrichs

Frullania congesta Gottsche, Lindenb. & Nees

≡ *Jungermannia congesta* Hook.f. & Taylor

- = *Frullania dissitifolia* Steph.
- = *Frullania grollei* Hamlin

Frullania deplanata Mitt.

Frullania falciloba Lehm.

Frullania fugax (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

- ≡ *Jungermannia fugax* Hook.f. & Taylor

Frullania hodgsoniae von Konrat, Braggins, Hentschel & Heinrichs

- ≡ *Frullania aterrima* var. *lepida* E.A.Hodgs.
- = *Neohattoria rostrata* R.M.Schust.; *Frullania aterrima* var. *rostrata* (R.M.Schust.) S.Hatt.
- = *Neohodgsonia rostrata* R.M.Schust.; *Schusterella rostrata* (R.M.Schust.) S.Hatt., Sharp & Mizut.
- = *Frullania subrostrata* S.Hatt.

Frullania incumbens Mitt.

Frullania knightbridgei von Konrat & de Lange

Frullania media (E.A.Hodgs.) S.Hatt.

- ≡ *Frullania fugax* var. *media* E.A.Hodgs.

Frullania monocera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

- ≡ *Jungermannia monocera* Hook.f. & Taylor
- = *Frullania hampeana* Nees
- = *Frullania novae-zelandiae* Colenso

Frullania monocera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *monocera*

Frullania monocera var. *subhampeana* (E.A.Hodgs.) Hentschel & von Konrat

- ≡ *Frullania subhampeana* E.A.Hodgs.

Frullania nicholsonii E.A.Hodgs.

- ≡ *Frullania berggrenii* W.E.Nicholson

Frullania patula Mitt.

- = *Frullania kirkii* Steph.

Frullania probosciphora Taylor

- = *Frullania reptans* Mitt.

Frullania ptychantha Mont.

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

- ≡ *Jungermannia pycnantha* Hook.f. & Taylor
- = *Frullania banksiana* Colenso

Frullania rostellata Mitt.

Frullania rostrata (Hook.f. & Taylor) Hook.f. & Taylor

- = *Neohattoria australis* R.M.Schust.; *Schusterella australis* (R.M.Schust.) S.Hatt., Sharp & Mizut.
- = *Frullania novaustralis* S.Hatt.

Frullania scandens Mont.

Frullania setchellii Pearson

- ≡ *Frullania falciloba* var. *setchellii* (Pearson) E.A.Hodgs.

Frullania solanderiana Colenso

Frullania spinifera Taylor

Frullania squarrosula (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

- ≡ *Jungermannia squarrosula* Hook.f. & Taylor

Frullania svihlana S.Hatt.

Frullania toropuku von Konrat, de Lange & Larraín

Frullania truncatistyla von Konrat, Hentschel, Heinrichs & Braggins

Frullania wairua von Konrat & Braggins

Family: Goebeliellaceae Verd.

Goebeliella Steph.

Goebeliella cornigera (Mitt.) Steph.

- ≡ *Frullania cornigera* Mitt.

Family: Lejeuneaceae Cavers

Acrolejeunea (Spruce) Schiffn.

- ≡ *Lejeunea* subgen. *Acrolejeunea* Spruce

Acrolejeunea allisonii Gradst.

Acrolejeunea mollis (Hook.f. & Taylor) Schiffn.

- ≡ *Ptychocoleus mollis* (Hook.f. & Taylor) Steph.; *Ptychanthus mollis* Hook.f. & Taylor

Acrolejeunea pycnoclada (Taylor) Schiffn.

- ≡ *Ptychanthus pycnocladus* Taylor; *Lejeunea pycnocladus* (Taylor) Mitt.; *Ptychocoleus pycnocladus* (Taylor) Steph.

Acrolejeunea pycnoclada (Taylor) Schiffn. var. *pycnoclada*

Acrolejeunea securifolia (Nees) Steph.

- ≡ *Jungermannia securifolia* Nees

Acrolejeunea securifolia (Nees) Steph. subsp. *securifolia*

Ceratolejeunea J.B.Jack & Steph.

Ceratolejeunea belangeriana (Gottsche) Steph.

- ≡ *Lejeunea belangeriana* Gottsche

Cheilolejeunea (Spruce) Steph.

- ≡ *Lejeunea* subgen. *Cheilolejeunea* Spruce

Cheilolejeunea albovirens (Hook.f. & Taylor) E.A.Hodgs.

- ≡ *Jungermannia albovirens* Hook.f. & Taylor
- = *Cheilolejeunea aucklandica* (Steph.) H.A.Mill., Bonner & Bisch.; *Microlejeunea aucklandica* Steph.

- = *Pycnolejeunea zotovii* Herzog
Cheilolejeunea campbelliensis (Steph.) R.M.Schust.
 = *Strepsilejeunea campbelliensis* Steph.
 = *Cheilolejeunea celata* M.A.M.Renner & Glenny
Cheilolejeunea ceylanica (Gottsche) R.M.Schust. & Kachroo
 = *Lejeunea ceylanica* Gottsche; *Pycnolejeunea ceylanica* (Gottsche) Steph.; *Pycnolejeunea ceylanica* (Gottsche) Schiffn.
Cheilolejeunea comitans (Hook.f. & Taylor) R.M.Schust.
 = *Lejeunea comitans* Hook.f. & Taylor
 = *Strepsilejeunea tereticalyx* Herzog; *Cheilolejeunea tereticalyx* (Herzog) Hamlin
Cheilolejeunea hamlinii Grolle
 = *Strepsilejeunea curnowii* Steph.; *Cheilolejeunea curnowii* (Steph.) R.M.Schust.
Cheilolejeunea intertexta (Lindenb.) Steph.
 = *Lejeunea intertexta* Lindenb.
Cheilolejeunea mimosa (Hook.f. & Taylor) R.M.Schust.
Cheilolejeunea morganii Bever. & Glenny
Cheilolejeunea novaezelandiae R.M.Schust.
Cheilolejeunea rodneyi Bever. & Glenny
Cheilolejeunea trifaria (Reinw., Blume & Nees) Mizut.
 = *Jungermannia trifaria* Reinw., Blume & Nees; *Lejeunea trifaria* (Reinw., Blume & Nees) Nees; *Euosmolejeunea trifaria* (Reinw., Blume & Nees) Steph.
Cololejeunea (Spruce) Steph.
 = *Lejeunea* subgen. *Cololejeunea* Spruce
 = *Lejeunea* sect. *Physocolea* Spruce; *Physocolea* (Spruce) Steph.
Cololejeunea appressa (A.Evans) Benedix
 = *Leptocolea appressa* A.Evans
Cololejeunea cardiocarpa (Mont.) A.Evans
 = *Lejeunea cardiocarpa* Mont.
Cololejeunea cucullifolia (Herzog) E.A.Hodgs.
 = *Physocolea cucullifolia* Herzog
Cololejeunea ellipsoidea R.M.Schust.
Cololejeunea falcidentata R.M.Schust.
Cololejeunea floccosa (Lehm. & Lindenb.) Steph.
 = *Jungermannia floccosa* (Lehm. & Lindenb.)
Cololejeunea grossepapillosa (Horik.) N.Kitag.
 = *Aphanolejeunea grossepapillosa* Horik.
Cololejeunea hodgsoniae (Herzog) E.A.Hodgs.
 = *Physocolea hodgsoniae* Herzog
Cololejeunea inflexifolia R.M.Schust.
Cololejeunea laevigata (Mitt.) R.M.Schust.
 = *Lejeunea laevigata* Mitt.
Cololejeunea pulchella (Mitt.) R.M.Schust.
 = *Lejeunea pulchella* Mitt.
Cololejeunea pulchella (Mitt.) R.M.Schust. var. *pulchella*
Cololejeunea pulchella var. *stylifera* R.M.Schust.
Cololejeunea velutina Glenny & M.A.M.Renner
Colura (Dumort.) Dumort.
 = *Lejeunea* sect. *Colura* Dumort.
Colura pulcherrima Jovet-Ast
Colura pulcherrima var. *bartlettii* Jovet-Ast
Colura saccophylla E.A.Hodgs. & Herzog
Cumulolejeunea R.L.Zhu & L.Shu
 = *Rectolejeunea* subgen. *Notholejeunea* R.M.Schust.
Cumulolejeunea ocellata (Herzog) R.L.Zhu & L.Shu
 = *Rectolejeunea ocellata* Herzog; *Microlejeunea ocellata* (Herzog) Grolle
Diplasiolejeunea (Spruce) Schiffn.
 = *Lejeunea* subgen. *Diplasiolejeunea* Spruce
Diplasiolejeunea plicatiloba (Hook.f. & Taylor) Grolle
 = *Drepanolejeunea plicatiloba* (Hook.f. & Taylor) Steph.; *Jungermannia plicatiloba* Hook.f. & Taylor
 = *Diplasiolejeunea lyratifolia* (Hook.f. & Taylor) Steph.; *Lejeunea lyratifolia* Hook.f. & Taylor
Diplasiolejeunea pusilla Grolle
Drepanolejeunea (Spruce) (Steph.)
 = *Lejeunea* subgen. *Drepanolejeunea* Spruce
Drepanolejeunea aucklandica Steph.
Drepanolejeunea pentadactyla (Mont.) Steph.
 = *Lejeunea pentadactyla* Mont.
Drepanolejeunea ternatensis (Gottsche) Steph.
Drepanolejeunea vesiculosa (Mitt.) Steph.
 = *Lejeunea vesiculosa* Mitt.
Drepanolejeunea vesiculosa subsp. *euvesiculosa* Herzog
Echinolejeunea R.M.Schust.
Echinolejeunea papillata (Mitt.) R.M.Schust. ex Hamlin
 = *Lejeunea papillata* Mitt.

Kymatolejeunea Grolle

Kymatolejeunea bartlettii Grolle

Lejeunea Lib.

Lejeunea albiflora Colenso

Lejeunea anisophylla Mont.

Lejeunea colensoana (Steph.) M.A.M.Renner

≡ *Taxilejeunea colensoana* Steph.

Lejeunea cyanophora R.M.Schust.

Lejeunea epiphylla Colenso

Lejeunea exilis (Reinw., Blume & Nees) Grolle

≡ *Jungermannia exilis* Reinw., Blume & Nees

Lejeunea flava (Sw.) Nees

≡ *Jungermannia flava* Sw.

Lejeunea gracilipes (Taylor) Spruce

≡ *Omphalanthus gracilipes* Taylor; *Taxilejeunea gracilipes* (Taylor) Steph.

Lejeunea hawaikiana M.A.M.Renner & de Lange

≡ *Stenolejeunea acuminata* R.M.Schust.

Lejeunea helmsiana Steph.

= *Lejeunea pocsii* R.M.Schust.

Lejeunea hodgsoniana Grolle ex R.J.Lewington, P.Beveridge & M.A.M.Renner

Lejeunea oracola M.A.M.Renner

Lejeunea primordialis (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

≡ *Jungermannia primordialis* Hook.f. & Taylor

Lejeunea rhigophila M.A.M.Renner

Lejeunea schusteri Grolle

≡ *Rectolejeunea denudata* R.M.Schust.

Lejeunea sinclairii Spruce

Lejeunea subelobata Carrington & Pearson

≡ *Eulejeunea subelobata* (Carrington & Pearson) Steph.

= *Lejeunea elobata* Pearson

Lejeunea tumida Mitt.

Lepidolejeunea R.M.Schust.

Lepidolejeunea integristipula (J.B.Jack & Steph.) R.M.Schust.

≡ *Pycnolejeunea integristipula* J.B.Jack & Steph.

Leptolejeunea (Spruce) Steph.

≡ *Lejeunea* subgen. *Leptolejeunea* Spruce

Leptolejeunea elliptica (Lehm. & Lindenb.) Besch.

≡ *Jungermannia elliptica* Lehm. & Lindenb.

Leptolejeunea elliptica subsp. *subacuta* (A.Evans) R.M.Schust.

≡ *Leptolejeunea subacuta* A.Evans

= *Leptolejeunea australis* E.A.Hodgs.

Lopholejeunea (Spruce) Steph.

≡ *Lejeunea* subgen. *Lopholejeunea* Spruce

Lopholejeunea colensoi Steph.

Lopholejeunea knightii Steph.

Lopholejeunea nigricans (Lindenb.) Schiffn.

≡ *Lejeunea nigricans* Lindenb.

= *Lejeunea muelleriana* Gottsche; *Lopholejeunea muelleriana* (Gottsche) Schiffn.

Lopholejeunea plicatiscypha (Hook.f. & Taylor) Steph.

≡ *Jungermannia plicatiscypha* Taylor

Metalejeunea Grolle

Metalejeunea cucullata (Reinw., Blume & Nees) Grolle

≡ *Lejeunea cucullata* (Reinw., Blume & Nees) Nees; *Jungermannia cucullata* Reinw., Blume & Nees; *Microlejeunea cucullata* (Reinw., Blume & Nees) J.B.Jack & Steph.

Microlejeunea (Spruce) Steph.

≡ *Lejeunea* subgen. *Microlejeunea* Spruce

Microlejeunea filicuspis (Steph.) Heinrichs, Schäf.-Verw., Pócs & S.Dong

≡ *Drepanolejeunea filicuspis* Steph.; *Harpalejeunea filicuspis* (Steph.) Mizut.

Microlejeunea latitans (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong

≡ *Jungermannia latitans* Hook.f. & Taylor; *Lejeunea latitans* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Drepanolejeunea latitans* (Hook.f. & Taylor) Steph.; *Harpalejeunea latitans* (Hook.f. & Taylor) Grolle

= *Drepanolejeunea minima* Steph.

= *Harpalejeunea colensoi* Steph.

Myriocoleopsis Schiffn.

Myriocoleopsis minutissima (Sm.) R.L.Zhu, Y.Yu & Pócs

≡ *Jungermannia minutissima* Sm.; *Cololejeunea minutissima* (Sm.) Schiffn.

Ptychanthus Nees

Ptychanthus stephensonianus (Mitt.) Steph.

≡ *Lejeunea stephensoniana* Mitt.

Pycnolejeunea (Spruce) Schiffn.

≡ *Lejeunea* subgen. *Pycnolejeunea* Spruce

Pycnolejeunea glauca Steph.

Siphonolejeunea Herzog

= *Austrolejeunea* (R.M.Schust.) R.M.Schust.

***Siphonolejeunea bidentata* (B.M.Thiers) M.A.M.Renner**

= *Austrolejeunea bidentata* B.M.Thiers; *Nephelolejeunea bidentata* (B.M.Thiers) L.Söderstr. & Hagborg

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

= *Nephelolejeunea carcharias* M.A.M.Renner; *Austrolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner

***Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner**

= *Nephelolejeunea conchophylla* Grolle

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

= *Cololejeunea fragilis* R.M.Schust.; *Austrolejeunea fragilis* (R.M.Schust.) R.M.Schust.; *Nephelolejeunea fragilis* (R.M.Schust.) L.Söderstr. & A.Hagborg

***Siphonolejeunea hamata* (Grolle) M.A.M.Renner**

= *Nephelolejeunea hamata* Grolle

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

= *Austrolejeunea hispida* R.M.Schust.; *Nephelolejeunea hispida* (R.M.Schust.) L.Söderstr. & A.Hagborg

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

= *Jungermannia nudipes* Hook.f. & Taylor; *Lejeunea nudipes* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Austrolejeunea nudipes* (Hook.f. & Taylor) Grolle

= *Radula albipes* Colenso

= *Nephelolejeunea nudipes* (Hook.f. & Taylor) L.Söderstr. & A.Hagborg

***Siphonolejeunea nudipes* var. *magnicarinata* E.A.Hodgs.**

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

***Siphonolejeunea olgae* R.M.Schust.**

= *Austrolejeunea olgae* (R.M.Schust.) R.M.Schust.

***Siphonolejeunea papillosa* (Glenny) M.A.M.Renner**

= *Nephelolejeunea papillosa* Glenny

***Siphonolejeunea raharahanehemiae* de Lange & M.A.M.Renner**

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

= *Austrolejeunea secunda* M.A.M.Renner; *Nephelolejeunea secunda* M.A.M.Renner ex L.Söderstr. & A.Hagborg

Spruceanthus Verd.

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

= *Jungermannia olivacea* Hook.f. & Taylor; *Phragmicoma olivacea* (Hook.f. & Taylor) Mitt.; *Archilejeunea olivacea* (Hook.f. & Taylor) Steph.

= *Thysananthus scutellus* Taylor; *Archilejeunea scutellata* (Taylor) Steph.

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

= *Lejeunea planiuscula* Mitt.; *Archilejeunea planiuscula* (Mitt.) Steph.; *Ptychocoleus planiuscula* (Mitt.) Verd.

Thysananthus Lindenb.

***Thysananthus anguiformis* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees**

= *Mastigolejeunea anguiformis* (Hook.f. & Taylor) B.Thiers & Gradst.; *Jungermannia anguiformis* Hook.f. & Taylor

***Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.**

= *Jungermannia spathulistipus* Reinw., Blume & Nees; *Lejeunea spathulistipus* (Reinw., Blum & Nees) Dumort.; *Frullania spathulistipus* (Reinw., Blume & Nees) Nees; *Phragmicoma spathulistipus* (Reinw., Blume & Nees) Mitt.

Family: Porellaceae Cavers

Porella L.

= *Madotheca* Dumort.

***Porella elegantula* (Mont.) E.A.Hodgs.**

= *Madotheca elegantula* Mont.; *Madotheca stangeri* var. *elegantula* (Mont.) Gottsche, Lindenb. & Nees; *Jungermannia elegantula* (Mont.) Hook.f. & Taylor

= *Jungermannia partita* Hook.f. & Taylor; *Madotheca partita* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees; *Porella partita* (Hook.f. & Taylor) Trevis.

= *Madotheca stangeri* var. *ramosa* Gottsche, Lindenb. & Nees; *Porella stangeri* var. *ramosa* (Gottsche., Lindenb. & Nees) Carrington & Pearson

= *Madotheca stangeri* Lindenb. & Gottsche; *Porella stangeri* (Lindenb. & Gottsche) Trevis.

= *Madotheca amoena* Colenso; *Porella amoena* (Colenso) Martin

= *Madotheca latifolia* Colenso

***Porella pulcherrima* Herzog & S.Hatt.**

Family: Radulaceae Müll.Frib.

Radula Dumort.

= *Martinellius* Gray

***Radula acutiloba* Steph.**

= *Radula papulosa* Steph.

***Radula allisonii* Castle**

***Radula aneurismalis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees**

= *Jungermannia aneurismalis* Hook.f. & Taylor

***Radula australiana* K.Yamada**

***Radula compacta* Castle**

***Radula cuspidata* Steph.**

= *Lejeunea dentata* Mitt.; *Radula dentata* (Mitt.) Mitt.; *Radula dentifolia* Grolle

***Radula demissa* M.A.M.Renner**

= *Radula epiphylla* Colenso

***Radula grandis* Steph.**

***Radula javanica* Gottsche, Lindenb. & Nees**

= *Radula cordiloba* Taylor

= *Radula cordiloba* subsp. *erigens* M.A.M.Renner & Braggins; *Radula erigens* (M.A.M.Renner & Braggins) M.A.M.Renner

Radula marginata Taylor ex Gottsche, Lindenb. & Nees

- ≡ *Jungermannia marginata* Hook.f. & Taylor
- = *Radula tinctorummarginata* Grolle

Radula multiamentula E.A.Hodgs.

Radula novae-hollandiae Hampe

Radula physoloba Mont.

- = *Radula lycopodioides* Colenso
- = *Radula xanthochroma* Colenso
- = *Radula colensoi* Steph.
- = *Radula lepida* Castle

Radula plicata Mitt.

- = *Radula knightii* Castle

Radula pseudoscripta M.A.M.Renner

Radula ratkowskiana K.Yamada

Radula sainsburiana E.A.Hodgs. & Allison

Radula splendida M.A.M.Renner & N.Devos

Radula strangulata Hook.f. & Taylor

- = *Radula parviretis* E.A.Hodgs.
- = *Radula levieri* Steph.
- = *Radula silvosa* E.A.Hodgs. & Allison

Radula tasmanica Steph.

Radula uvifera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

- ≡ *Jungermannia uvifera* Hook.f. & Taylor

Radula weymouthiana Steph.

- = *Radula helmsiana* Steph.
- = *Radula tecta* Castle

Verdoornia R.M.Schust.

Verdoornia succulenta R.M.Schust.

Subclass: Metzgeriidae Barthol.-Began

Order: Metzgeriales Chalaud

Family: Aneuraceae H.Klinggr.

Aneura Dumort.

Aneura novaguineensis Hewson

Aneura orbiculata Colenso

Aneura pinguis (L.) Dumort.

- ≡ *Jungermannia pinguis* L.; *Riccardia pinguis* (L.) Gray

Lobatiriccardia (Mizut. & S.Hatt.) Furuki

- ≡ *Riccardia* subgen. *Lobatiriccardia* Mizut. & S.Hatt.

Lobatiriccardia alterniloba (Hook.f. & Taylor) Furuki

- ≡ *Jungermannia alterniloba* Hook.f. & Taylor; *Aneura alterniloba* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

Lobatiriccardia coronopus (De Not. ex Steph.) Furuki

- ≡ *Aneura coronopus* De Not. ex Steph.
- = *Riccardia lobata* Schiffn.; *Aneura lobata* (Schiffn.) Steph.; *Lobatiriccardia lobata* (Schiffn.) Furuki

Lobatiriccardia coronopus subsp. *australis* (R.M.Schust) Nebel, Preussing, Schäf.Verw. & D.Quandt

- ≡ *Aneura lobata* subsp. *australis* R.M.Schust.

Lobatiriccardia subaquatica (R.M.Schust.) Nebel

- ≡ *Aneura subaquatica* R.M.Schust.

Riccardia Gray

Riccardia aequicellularis (Steph.) Hewson

- ≡ *Aneura aequicellularis* Steph.

Riccardia aequitexta (Steph.) E.A.Br.

- ≡ *Aneura aequitexta* Steph.
- = *Aneura effusa* Steph.; *Riccardia effusa* (Steph.) E.A.Hodgs.

Riccardia alba (Colenso) E.A.Br.

- ≡ *Aneura alba* Colenso
- = *Aneura crispa* Colenso; *Riccardia crispa* (Colenso) E.A.Hodgs.
- = *Aneura vitiensis* Steph.; *Riccardia vitiensis* (Steph.) E.O.Campb.

Riccardia alcornis (Hook.f. & Taylor) Trevis.

- ≡ *Jungermannia alcornis* Hook.f. & Taylor

Riccardia asperulata R.M.Schust.

Riccardia bipinnatifida (Colenso) Hewson

- ≡ *Aneura bipinnatifida* Colenso
- = *Riccardia bistrata* Pearson

Riccardia breviala E.A.Br.

Riccardia cochleata (Hook.f. & Taylor) Kuntze

- ≡ *Riccia cochleata* Hook.f. & Taylor

Riccardia colensoi (Steph.) W.Martin

- ≡ *Aneura colensoi* Steph.

Riccardia crassa (Schwägr.) C.Massal.

- = *Jungermannia crassa* Schwägr.

- Riccardia eriocaula* (Hook.) C.Massal.
 = *Jungermannia eriocaula* Hook.
- Riccardia exilis* E.A.Br.
- Riccardia filicina* (Colenso) E.A.Hodgs.
 = *Aneura filicina* Colenso
 = *Aneura australis* Hook.f. & Lév.; *Riccardia australis* (Hook.f. & Lév.) E.A.Br.
 = *Aneura micropinna* Steph.
- Riccardia furtiva* E.A.Br. & Braggins
- Riccardia intercellula* E.A.Br.
- Riccardia lobulata* (Colenso) E.A.Hodgs.
 = *Zoopsis lobulata* Colenso
 = *Aneura minima* (Carrington & Pearson) Steph.; *Riccardia minima* Carrington & Pearson
 = *Aneura perpusilla* Colenso; *Riccardia perpusilla* (Colenso) E.A.Hodgs.
- Riccardia marginata* (Colenso) Pearson
 = *Aneura marginata* Colenso
 = *Aneura muscoides* Colenso; *Riccardia muscoides* (Colenso) E.A.Hodgs.
- Riccardia multicorpora* E.A.Br.
- Riccardia nitida* (Colenso) E.A.Hodgs.
 = *Aneura nitida* Colenso
- Riccardia papulosa* (Steph.) E.A.Br.
 = *Aneura papulosa* Steph.
- Riccardia pennata* E.A.Br.
- Riccardia perspicua* E.A.Br.
- Riccardia pseudodendroceros* R.M.Schust.
- Riccardia pusilla* (Steph.) E.A.Br.
 = *Aneura pusilla* Steph.
- Riccardia umida* E.A.Br.

Family: Metzgeriaceae H.Klinggr.

- Metzgeria* Raddi
- Metzgeria alpina* R.M.Schust. & J.J.Engel
- Metzgeria bartlettii* Kuwah.
- Metzgeria crassipilis* (Lindb.) A.Evans
 = *Metzgeria furcata* subsp. *crassipilis* Lindb.
- Metzgeria flavovirens* Colenso
 = *Metzgeria disciformis* A.Evans; *Metzgeria furcata* var. *disciformis* (A.Evans) E.A.Hodgs.
- Metzgeria furcata* (L.) Corda
 = *Jungermannia furcata* L.
 = *Metzgeria furcata* var. *decipiens* C.Massal.; *Metzgeria decipiens* (C.Massal.) Schiffn.
 = *Metzgeria pinnata* Steph.
 = *Metzgeria campbelliensis* Kuwah.
 = *Metzgeria vittii* Kuwah.
 = *Metzgeria crassipaginula* Kuwah.
- Metzgeria leptoneura* Spruce
 = *Metzgeria atrichoneura* Spruce
 = *Metzgeria hamata* Lindb.
 = *Metzgeria nitida* Mitt.
 = *Metzgeria australis* Steph.
 = *Metzgeria colensoi* Steph.
- Metzgeria rigida* Lindb.
 = *Metzgeria crassicostata* Steph.
- Metzgeria saccata* Mitt.
 = *Austrometzgeria saccata* (Mitt.) Kuwah.
- Metzgeria scobina* Mitt.
- Metzgeria submarginata* M.L.So

Subclass: Pelliidae He-Nygrén

Order: Fossombroniales Schljakov

Family: Allisoniaceae Schljakov

- Allisonia* Herzog
- Allisonia cockaynei* (Steph.) R.M.Schust.
 = *Moerckia cockaynei* K.I.Goebel
 = *Allisonia moerckioides* Herzog

Family: Fossombroniaceae Hazsl.

- Fossombronia* Raddi
- Fossombronia australis* Mitt.
 = *Austrofossombronia australis* (Mitt.) R.M.Schust.
 = *Fossombronia naumannii* Schiffn.
 = *Fossombronia gigantea* Steph.
- Fossombronia pusilla* (L.) Nees
 = *Jungermannia pusilla* L.
 = *Fossombronia perpusilla* (Colenso) Steph.; *Noteroclada perpusilla* Colenso

Fossombronia reticulata Steph.

= *Fossombronia microspora* Herzog

Fossombronia wondraczekii (Corda) Dumort.

= *Jungermannia wondraczekii* Corda

Family: Petalophyllaceae Stotler & Crand.-Stotl.

Petalophyllum Nees & Gottsche ex Lehm.

Petalophyllum hodgsoniae Crand.-Stotl. & C.H.Ford

Petalophyllum preissii Lehm.

= *Petalophyllum australe* Colenso

Order: Pallaviciniales W.Frey & M.Stech

Family: Hymenophytaceae R.M.Schust.

Hymenophyton Dumort.

Hymenophyton flabellatum (Labill.) Trevis.

= *Jungermannia flabellata* Labill.

Hymenophyton leptopodium (Hook.f. & Taylor) Steph.

= *Jungermannia leptopoda* Hook.f. & Taylor

Family: Pallaviciniaceae Mig

Jensenia Lindb.

Jensenia connivens (Colenso) Grolle

= *Symphyogyna connivens* Colenso; *Pallavicinia connivens* (Colenso) Steph.

Pallavicinia

Pallavicinia innovans Steph.

Pallavicinia lyellii (Hook.) Gray

= *Jungermannia lyellii* Hook.

Pallavicinia rubristipa Schiffn.

Pallavicinia tenuinervis (Hook.f. & Taylor) Trevis.

= *Jungermannia tenuinervis* Hook.f. & Taylor; *Symphyogyna tenuinervis* (Hook.f. & Taylor) Grolle

Pallavicinia xiphoides (Hook.f. & Taylor) Trevis.

= *Jungermannia xiphoides* Hook.f. & Taylor

Podomitrium Mitt.

Podomitrium phyllanthus (Hook.) Mitt.

= *Jungermannia phyllanthus* Hook.

Seppeltia Grolle

Seppeltia succuba Grolle

Symphyogyna Nees & Mont.

Symphyogyna hymenophyllum (Hook.) Mont. & Nees

= *Jungermannia hymenophyllum* Hook.

Symphyogyna prolifera Colenso

Symphyogyna subsimplex Mitt.

Symphyogyna undulata Colenso

= *Symphyogyna pseudoterebellata* E.A.Hodgs. & Herzog

Xenothallus R.M.Schust.

Xenothallus vulcanicola R.M.Schust.

Family: Phyllothalliaceae E.A.Hodgs.

Phyllothallia E.A.Hodgs.

Phyllothallia nivicola E.A.Hodgs.

Class: Marchantiopsida Cronquist

Subclass: Marchantiidae J.J.Engel

Order: Lunulariales H.Klinggr.

Family: *Lunulariaceae H.Klinggr.

**Lunularia* Adans.

**Lunularia cruciata* (L.) Dumort ex Lindb.

= *Marchantia cruciata* L.

Order: Marchantiales Limpr.

Family: Aytoniaceae Cavers

Asterella P.Beauv.

Asterella australis (Hook.f. & Taylor) Verd.

= *Fimbraria australis* Hook.f. & Taylor

Asterella tenera (Mitt.) R.M.Schust.

= *Fimbraria tenera* Mitt.

Plagiochasma Lehm.

Plagiochasma rupestre (J.R.Forst. & G.Forst.) Steph.

≡ *Aytonia rupestris* J.R.Forst. & G.Forst.

= *Plagiochasma hodgsoniae* Hamlin

= *Jungermannia australis* Hook.f. & Taylor; *Plagiochasma australe* Nees

Reboulia Raddi

Reboulia hemisphaerica (L.) Raddi

≡ *Marchantia hemisphaerica* L.

Reboulia hemisphaerica subsp. *australis* R.M.Schust.

Family: Dumortieriaceae D.G.Long

Dumortiera Nees

Dumortiera hirsuta (Sw.) Nees

≡ *Marchantia hirsuta* Sw.

Family: Marchantiaceae Lindl.

Marchantia L.

Marchantia berteroana Lehm. & Lindenb.

Marchantia foliacea Mitt.

Marchantia macropora Mitt.

Marchantia pileata Mitt.

= *Marchantia pallida* Steph.

Marchantia polymorpha L.

= *Marchantia polymorpha* var. *aquatica* Nees

**Marchantia polymorpha* L. subsp. *polymorpha*

**Marchantia polymorpha* subsp. *ruderalis* Bischl. & Boissel.-Dub.

Family: Monocleaceae Hook.

Monoclea Hook.

Monoclea forsteri Hook.

Family: Ricciaceae Rchb.

Riccia L.

**Riccia bifurca* Hoffm.

Riccia bullosa Link

Riccia cartilaginosa Steph.

= *Riccia marginata* Carrington & Pearson

Riccia cavernosa Hoffm.

**Riccia ciliata* Hoffm.

Riccia crozalsii Levier

**Riccia crystallina* L.

Riccia fluitans L.

**Riccia glauca* L.

Riccia nigrella DC.

Riccia rorida Na-Thalang

Riccia sorocarpa Bisch.

= *Riccia vesiculosa* (Carrington & Pearson) Steph.; *Riccia bullosa* var. *vesiculosa* Carrington & Pearson

Riccia spongiosula Na-Thalang

Ricciocarpos Corda

Ricciocarpos natans (L.) Corda

≡ *Riccia natans* L.

Family: Targioniaceae Dumort.

Targionia L.

Targionia hypophylla L.

= *Targionia lorbeeriana* Müll.Frib.

Order: Neohodgsoniales D.G.Long

Family: Neohodgsoniaceae D.G.Long

Neohodgsonia Perss.

= *Marchasta* E.O.Campb.

Neohodgsonia mirabilis (Perss.) Perss.

≡ *Hodgsonia mirabilis* Perss.

= *Marchasta areolata* E.O.Campb.

Biostatus Checklist

Genera

Endemic

Allisonia Herzog
Beeveria Fife
Bragginsella R.M.Schust.
Bryobeckettia Fife
Canalohypopterygium W.Frey & Schaepe
Catharomnion Hook.f. & Wilson
Cladomnion Hook.f. & Wilson
Crosbya Vitt
Cryptopodium Brid.
Dichelodontium Hook.f. & Wilson ex Broth.
Echinolejeunea R.M.Schust.
Fifea H.A.Crum
Herzogianthus R.M.Schust.
Kymatolejeunea Grolle
Lamellocolea J.J.Engel
Lembidium Mitt.
Megalembidium R.M.Schust.
Mesotus Mitt.
Pseudolophocolea R.M.Schust. & J.J.Engel
Tetracoscinodon R.Br.bis
Xenothallus R.M.Schust.

Non-endemic

Acaulon Müll.Hal.
Achrophyllum Vitt & Crosby
Acrobolbus Nees
Acrocladium Mitt.
Acrolejeunea (Spruce) Schiffn.
Acrolophozia R.M.Schust.
Acromastigum A.Evans
Acrosphyella N.Kitag. & Grolle
Adelanthus Mitt.
Alleniella S.Olsson, Enroth & D.Quandt
Allisoniella E.A.Hodgs.
Aloina Kindb.
Amblystegium Schimp.
Amphidium Schimp.
Anastrophylopsis (R.M.Schust.) Váňa & L.Söderstr.
Anastrophyllum (Spruce) Schiffn.
Andreaea Hedw.
Andrewsianthus R.M.Schust.
Aneura Dumort.
Anoectangium Schwägr.
Anthelia (Dumort.) Dumort.
Anthoceros L.
Archeophylla R.M.Schust.
Archidium Brid.
Ardeuma R.H.Zander & Hedd.
Asterella P.Beauv.
Atrichum P.Beauv.
Austrohondaella Z.Iwats., H.P.Ramsay & Fife
Austrolophozia R.M.Schust.
Balantiopsis Mitt.
Barbula Hedw.
Bartramia Hedw.
Bazzania Gray
Blepharidophyllum Ångstr.
Blindia Bruch & Schimp.
Brachythecium Schimp.

Braithwaitea Lindb.
Breutelia (Bruch & Schimp.) Schimp.
Brevianthus J.J.Engel & R.M.Schust.
Bryoerythrophyllum P.C.Chen
Bryum Hedw.
Buxbaumia Hedw.
Calliergon (Sull.) Kindb.
Calomnion Hook.f. & Wilson
Calymperes Sw.
Calypogeia Raddi
Calyptopogon (Mitt.) Broth.
Calyptrochaeta Desv.
Camptochaete Reichardt
Campyliadelphus (Kindb.) R.S.Chopra
Campylopodium (Müll.Hal.) Besch.
Campylopus Brid.
Castanoclobos J.J.Engel & Glenny
Catagonium Broth.
Cephalomitron R.M.Schust.
Cephalozia (Dumort.) Dumort.
Cephaloziella (Spruce) Schiffn.
Ceramanus E.D.Cooper
Ceratodon Brid.
Ceratolejeunea J.B.Jack & Steph.
Chaetophyllopsis R.M.Schust
Chandonanthus Mitt.
Cheilolejeunea (Spruce) Steph.
Chiastocaulon Carl
Chiloscyphus Corda
Chrysoblastella R.S.Williams
Clandarium (Grolle) R.M.Schust.
Clasmatocolea Spruce
Cololejeunea (Spruce) Steph.
Colura (Dumort.) Dumort.
Conostomum Sw.
Coscinodon Spreng.
Cratoneuron (Sull.) Spruce
Cratoneurosis (Broth.) M.Fleisch.
Crossidium Jur.
Cryphaea D.Mohr
Cryptogonium (Müll.Hal.) Hampe
Cryptolophocolea L.Söderstr., Crand.-Stotl. & Váňa
Cryptoplagiochila S.D.F.Patzak, M.A.M. Renner & Heinrichs
Ctenidium (Schimp.) Mitt.
Cumulolejeunea R.L.Zhu & L.Shu
Cuspidatula Steph.
Cyathophorum P.Beauv.
Cyclodictyon Mitt.
Cyrtodon (Broth.) Paris & Schimp. ex M.Fleisch.
Cyrtopus (Brid.) Hook.f.
Daltonia Hook. & Taylor
Dawsonia R.Br.
Dendroceros Nees
Dendrocryphaea Paris & Schimp. ex Broth.
Dendrohypopterygium Kruijer
Dendroligotrichum (Müll.Hal.) Broth.
Dendromastigophora R.M.Schust.
Dicnemon Schwägr.

Dicranella (Müll.Hal.) Schimp.
Dicranoloma (Renauld) Renauld
Dicranoweisia Lindb. ex Milde
Dicranum Hedw.
Didymodon Hedw.
Dinckleria Trevis
Diplasiolejeunea (Spruce) Schiffn.
Diplophyllum (Dumort.) Dumort.
Distichium Bruch & Schimp.
Distichophyllum Dozy & Molk.
Ditrichum Timm ex Hampe
Drepanocladus (Müll.Hal.) G.Roth
Drepanolejeunea (Spruce) (Steph.)
Drucella E.A.Hodgs.
Dumortiera Nees
Eccremidium Wilson
Echinodium Jur.
Ectropothecium Mitt.
Encalypta Hedw.
Entodon Müll.Hal.
Entosthodon Schwägr.
Eoisotachis R.M.Schust.
Eotrichocolea R.M.Schust.
Ephemeropsis K.I.Goebel
Epipterygium Lindb.
Eriodon Mont.
Erpodium (Brid.) Müll.Hal.
Eurhynchium Schimp.
Fabronia Raddi
Fallaciella H.A.Crum
Fissidens Hedw.
Fossombronia Raddi
Frullania Raddi
Funaria Hedw.
Gackstroemia Trevis.
Geocalyx Nees
Gigaspermum Lindb.
Glyphothecium Hampe
Goebeliella Steph.
Goebelobryum Grolle
Goniobryum Lindb.
Goniomitrium Hook. & Wilson
Gottschea Nees ex Mont.
Grimmia Hedw.
Gymnomitrium Corda
Gymnostomum Nees & Hornsch.
Hampeella Müll.Hal.
Haplohymenium Dozy & Molk.
Haplomitrium Nees
Hedwigia P.Beauv.
Hedwigidium Bruch & Schimp.
Henediella Paris
Hepatostolonophora J.J.Engel & R.M.Schust.
Herbertus Gray
Herzogobryum Grolle
Heteroscyphus Schiffn.
Holodontium (Mitt.) Broth.
Holomitrium Brid.
Hygrolembidium R.M.Schust.
Hylocomium Schimp.
Hymenodon Hook.f. & Wilson
Hymenophyton Dumort.
Hyophila Brid.
Hypnodendron (Müll.Hal.) Lindb.
Hypnum Hedw.
Hypopterygium Brid.
Ischyrodon Müll.Hal.
Isolembidium R.M.Schust.
Isopaches H.Buch
Isophyllaria E.A.Hodgs. & Allison
Isopterygiopsis Z.Iwats.
Isopterygium Mitt.
Isotachis Mitt.
Jackiella Schiffn.
Jensenia Lindb.
Kiaeria I.Hagen
Kurzia G.Martens
Leiomitra Lindb.
Lejeunea Lib.
Lembophyllum Lindb.
Lepicolea Dumort.
Lepidogyna R.M.Schust.
Lepidolaena Dumort.
Lepidolejeunea R.M.Schust.
Lepidozia (Dumort.) Dumort.
Leptodictyum (Schimp.) Warnst.
Leptodon D.Mohr
Leptodontium (Müll.Hal.) Lindb.
Leptolejeunea (Spruce) Steph.
Leptophyllopsis R.M.Schust.
Leptoscyphus Mitt.
Leptostomum R.Br.
Leptothecca Schwägr.
Lepyrodon Hampe
Leratia Broth. & Paris
Lethocolea Mitt.
Leucobryum Hampe
Lindbergia Kindb.
Lobatirricardia (Mizut. & S.Hatt.) Furuki
Lopholejeunea (Spruce) Steph.
Lophoziopsis Konstant. & Vilnet
Lopidium Hook.f. & Wilson
Macrocoma (Müll.Hal.) Grout
Macromitrium Brid.
Marchantia L.
Marsupella Dumort.
Meesia Hedw.
Megaceros Campb.
Metalejeunea Grolle
Meteoriopsis M.Fleisch. ex Broth.
Metzgeria Raddi
Microbryum Schimp.
Microlejeunea (Spruce) Steph.
Mielichhoferia Nees & Hornsch.
Mittenia Lindb.
Mniodendron Lindb. ex Dozy & Molk.
Mnioloma Herzog
Monoclea Hook.
Myriocoleopsis Schiffn.
Neckera Hedw.
Neckeropsis Reichardt
Neogrollea E.A.Hodgs.
Neohodgsonia Perss.
Neolepidozia Fulford & J.Taylor
Nothoceros (R.M.Schust.) J.Haseg.
Nothogymnomitrium R.M.Schust.

Notoligotrichum G.L.Sm.
Notoscyphus Mitt.
Ochiobryum J.R.Spence & H.P.Ramsay
Oligotrichum Lam. & DC.
Orthodontium Schwägr.
Orthorrhynchium Reichenardt
Orthothecium Bruch & Schimp.
Orthotrichum Hedw.
Pachyglossa Herzog & Grolle
Pachyschistochila (R.M.Schust) R.M.Schust. & J.J.Engel
Palamocladium Müll.Hal.
Pallavicinia
Papillaria (Müll.Hal.) Lorentz
Paracromastigum Fulford & J.Taylor
Pedinophyllum (Lindb.) Lindb.
Pendulothecium Enroth & S.He
Petalophyllum Nees & Gottsche ex Lehm.
Phaeoceros Prosk.
Phaeomegaceros R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
Philonotis Brid.
Phyllohallia E.A.Hodgs.
Physcomitridium G.Roth.
Physcomitrium (Brid.) Brid.
Plagiobryum Lindb.
Plagiochasma Lehm.
Plagiochila (Dumort.) Dumort.
Plagiomnium T.J.Kop.
Plagiopus Brid.
Plagiothecium Schimp.
Platyhypnidium M.Fleisch.
Pleuridium Rabenh.
Pleurophascum Lindb.
Podomitrium Mitt.
Pogonatum P.Beauv.
Pohlia Hedw.
Polytrichadelphus (Müll.Hal.) Mitt.
Polytrichastrum G.L.Sm.
Polytrichum Hedw.
Porella L.
Porothamnium M.Fleisch.
Protolophozia (R.M.Schust.) Schljakov
Pseudocephalozia R.M.Schust.
Pseudocrossidium R.S.Williams
Pseudoleskea Schimp.
Pseudomarsupidium Herzog
Pseudotaxiphyllum Z.Iwats.
Psiloclada Mitt.
Pterygoneurum Jur.
Ptilidium Nees
Ptychanthus Nees
Ptychomitrium Fűrnr.
Ptychomnion (Hook.f. & Wilson) Mitt.
Pulchrinodus B.H.Allen
Pycnolejeunea (Spruce) Schiffn.
Pyrrhobryum Mitt.
Racomitrium Brid.
Racopilum P.Beauv.
Radula Dumort.
Reboulia Raddi
Rhacocarpus Lindb.
Rhaphidorrhynchium Besch. ex M.Fleisch.
Rhizogonium Brid.
Rhynchostegium Schimp.
Riccardia Gray
Riccia L.
Ricciolejeunea Corda
Rosulabryum J.R.Spence
Saccogynidium Grolle
Saelania Lindb.
Sanionia Loeske
Sauloma (Hook.f. & Wilson) Mitt.
Scapania (Dumort.) Dumort.
Schistidium Brid.
Schistochila Dumort.
Schizophyllopsis Vána & L.Söderstr.
Schlotheimia Brid.
Sciadocladus Lindb. ex Kindb.
Sclerodontium Schwägr.
Scorpidium (Schimp.) Limpr.
Scorpiurium Schimp.
Seligeria Bruch & Schimp.
Sematophyllum Mitt.
Seppeltia Grolle
Siphonolejeunea Herzog
Solenostoma Mitt.
Sphagnum L.
Spruceanthus Verd.
Stolonivector J.J.Engel
Straminergon Hedenäs
Symphyogyna Nees & Mont.
Symphysodontella M.Fleisch.
Syntrichia Brid.
Syrhopodon Schwägr.
Syzygiella Spruce
Targionia L.
Tayloria Hook.
Telaranea Schiffn.
Temnoma Mitt.
Tetracymbaliella Grolle
Tetraphidopsis Broth. & Dixon
Tetrodontium Schwägr.
Thamnobryum Nieuwl.
Thuidiopsis (Broth.) M.Fleisch.
Thuidium Bruch & Schimp.
Thysananthus Lindenb.
Timmia Hedw.
Tortella (Müll.Hal.) Limpr.
Tortula Hedw.
Trachyloma Brid.
Trematodon Michx.
Treubia
Triandrophyllum Fulford & Hatcher
Trichocolea Dumort.
Tricholepidozia (R.M.Schust.) E.D.Cooper
Trichostomum Bruch
Trichotemnoma R.M.Schust.
Tridontium Hook.f.
Triquetrella Müll.Hal.
Tritomaria Loeske
Ulota D.Mohr
Verdoornia R.M.Schust.
Vesicularia (Müll.Hal.) Müll.Hal.
Warburgiella Müll.Hal. ex Broth.
Warnstorfia Loeske

Weissia Hedw.
Wettsteinia Schiffn.
Weymouthia Broth.
Wijkia H.A.Crum
Willia Müll.Hal.
Wilsoniella Müll.Hal.
Zoopsisidella R.M.Schust.
Zoopsis Gottsche, Lindenb. & Nees
Zygodon Hook. & Taylor

Naturalised

Aulacomnium Schwägr.

Calliergonella Loeske
Chenia R.H.Zander
Climacium F.Weber & D.Mohr
Ephemerum Hampe
Leptobryum (Bruch & Schimp.) Wilson
Lunularia Adans.
Micromitrium Austin
Pseudephemerum (Lindb.) I.Hagen
Pseudoscleropodium (Limpr.) M.Fleisch.
Rhytidiadelphus (Limpr.) Warnst.
Scleropodium Schimp.
Trichodon Schimp.

Species and subspecific taxa**Endemic**

Achrophyllum quadrifarium (Sm.) Vitt & Crosby
Acrobolbus cinerascens var. *marginatus* J.J.Engel
Acrobolbus epiphytus (Colenso) Briscoe
Acrobolbus lophocoleoides (Mitt.) Schiffn.
Acrobolbus papillosus (J.J.Engel & Glenny) Briscoe
Acrobolbus perpusillus (Colenso) Briscoe
Acrobolbus perpusillus var. *denticulatus* (J.J.Engel & Glenny) Briscoe
Acrobolbus perpusillus (Colenso) Briscoe var. *perpusillus*
Acrobolbus plagiochiloides (J.J.Engel & Glenny) Briscoe
Acrolejeunea allisonii Gradst.
Acrolejeunea mollis (Hook.f. & Taylor) Schiffn.
Acrolophozia pectinata R.M.Schust.
Acromastigum marginatum E.A.Hodgs.
Allisonia cockaynei (Steph.) R.M.Schust.
Allisoniella nigra (Rodway) R.M.Schust. f. *novaezelandiae*
Allisoniella nigra f. *subobtusata* R.M.Schust.
Allisoniella nigra subsp. *novaezelandiae* R.M.Schust.
Allisoniella nigra var. *acutiloba* J.J.Engel
Allisoniella recurva R.M.Schust.
Allisoniella scottii (R.M.Schust.) R.M.Schust.
Andrewsianthus hodgsoniae (R.M.Schust.) R.M.Schust ex J.J. Engel
Aneura orbiculata Colenso
Anthoceros laminiiferus Steph.
Anthoceros muscoides Colenso
Archeophylla schusteri (E.A.Hodgs. & Allison) R.M.Schust.
Archidium elatum Dixon & Sainsbury
Asterella australis (Hook.f. & Taylor) Verd.
Austrolophozia paradoxa R.M.Schust.
Balantiopsis diplophylla var. *hockenii* (Berggr.) J.J.Engel & G.L.Merr.
Balantiopsis lingulata R.M.Schust.
Balantiopsis montana (Colenso) J.J.Engel & G.L.Merr.
Balantiopsis rosea Berggr.
Balantiopsis verrucosa J.J.Engel & G.L.Merr.
Bartramia crassinervia Mitt.
Bartramia robusta Hook.f. & Wilson
Bazzania adnexa var. *aucklandica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
Bazzania engelii Glenny

Bazzania exempta J.J.Engel
Bazzania hochstetteri (Reichardt) E.A.Hodgs.
Bazzania okaritana Meagher & Glenny
Beeveria distichophylloides (Broth. & Dixon) Fife
Blindia immersa (E.B.Bartram & Dixon) Sainsbury
Blindia lewinskyae J.K.Bartlett & Vitt
Blindia seppeltii J.K.Bartlett & Vitt
Brachythecium fontanum Fife
Bragginsella anomala R.M.Schust.
Brevianthus flavus subsp. *crenulatus* J.J.Engel
Bryobeckettia bartlettii (Fife) Fife
Bryum tenuidens Dixon & Sainsbury
Buxbaumia novae-zelandiae Dixon
Calyptrochaeta cristata (Hedw.) Desv.
Camptochaete angustata (Mitt.) Reichardt
Camptochaete arbuscula var. *tumida* Tangney
Canalohypopterygium tamariscinum (Hedw.) Kruijer
Catharomnion ciliatum (Hedw.) Hook.f. & Wilson
Cephalozia austrigena R.M.Schust. ex J.J.Engel
Cephalozia drucei (R.M.Schust.) Váňa
Cephalozia pachygyna R.M.Schust. ex J.J.Engel
Cephalozia schusteriana J.J.Engel
Cephaloziella aenigmatica R.M.Schust.
Cephaloziella crassigyna (R.M.Schust.) R.M.Schust.
Cephaloziella densifolia R.M.Schust.
Cephaloziella densifolia R.M.Schust. var. *densifolia*
Cephaloziella densifolia var. *dubia* R.M.Schust.
Cephaloziella exigua R.M.Schust.
Cephaloziella grandiretis (R.M.Schust.) R.M.Schust.
Cephaloziella invisita R.M.Schust.
Cephaloziella nothogena R.M.Schust.
Cephaloziella pellucida R.M.Schust.
Cephaloziella pseudocrassigyna R.M.Schust ex J.J.Engel
Cephaloziella pulcherrima R.M.Schust. subsp. *pulcherrima*
Cephaloziella subspinosa R.M.Schust.
Cephaloziella tahora Bever. & Glenny
Ceramanus perfragilis (J.J.Engel & G.L.Merr.) E.D.Cooper
Ceramanus tuberifera (J.J.Engel & R.M.Schust.) E.D.Cooper
Cheilolejeunea hamlinii Grolle
Cheilolejeunea morganii Bever. & Glenny
Cheilolejeunea novaezelandiae R.M.Schust.
Cheilolejeunea rodneyi Bever. & Glenny

- Chiastocaulon proliferum* (Mitt.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
Chiloscyphus alpicola J.J.Engel
Chiloscyphus aperticaulis J.J.Engel
Chiloscyphus calcareus (Steph.) J.J.Engel & R.M.Schust.
Chiloscyphus canaliculatus var. *concavus* J.J.Engel
Chiloscyphus erosus J.J.Engel
Chiloscyphus hattorii J.J.Engel
Chiloscyphus herzogii J.J.Engel & R.M.Schust.
Chiloscyphus innovatus (E.A.Hodgs.) J.J.Engel & R.M.Schust.
Chiloscyphus lentus (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
Chiloscyphus mediinfrons J.J.Engel & Braggins
Chiloscyphus parvispineus J.J.Engel
Chiloscyphus septatus J.J.Engel
Chiloscyphus subporosus var. *inflexifolius* (Steph.) J.J.Engel
Chiloscyphus trichocoleoides Glenny, J.J.Engel & He-Nygrén
Chiloscyphus villosus (Mitt. ex Steph.) J.J.Engel & R.M.Schust.
Cladomnion ericoides (Hook.) Hook.f. & Wilson
Clasmatocolea bisexualis Glenny & J.J.Engel
Cololejeunea cucullifolia (Herzog) E.A.Hodgs.
Cololejeunea ellipsoidea R.M.Schust.
Cololejeunea falcidentata R.M.Schust.
Cololejeunea hodgsoniae (Herzog) E.A.Hodgs.
Cololejeunea inflexifolia R.M.Schust.
Cololejeunea pulchella (Mitt.) R.M.Schust.
Cololejeunea pulchella (Mitt.) R.M.Schust. var. *pulchella*
Cololejeunea pulchella var. *stylifera* R.M.Schust.
Cololejeunea velutina Glenny & M.A.M.Renner
Conostomum pusillum var. *otagoensis* Fife
Crosbya nervosa (Hook.f. & Wilson) Vitt
Crosbya straminea (Beckett) Vitt
Cryphaea acuminata Hook.f. & Wilson
Cryphaea chlorophyllosa Müll.Hal.
Cryptolophocolea aculeata (Mitt.) L.Söderstr.
Cryptolophocolea mitteniana (Colenso) L.Söderstr. var. *mitteniana*
Cryptolophocolea mitteniana var. *symmetrica* (J.J.Engel) L.Söderstr.
Cryptolophocolea pallida (Mitt.) L.Söderstr.
Cryptolophocolea spinifera (Hook.f. & Taylor) L.Söderstr.
Cryptolophocolea tuberculata (J.J.Engel) L.Söderstr.
Cryptopodium bartramioides (Hook.) Brid.
Cuspidatula kirkii (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs
Cyrtodon dilatatus (Hook.f. & Wilson) Paris & Schimp.
Dendroceros granulatus Mitt.
Dendroceros validus Steph.
Dendrohypopterygium filiculiforme (Hedw.) Kruijjer
Dendroligotrichum tongariroense (Colenso) Tangney
Dichelodontium nitidum (Hook.f. & Wilson) Broth.
Dicnemon dixonianum B.H.Allen
Dicnemon semicryptum Müll.Hal.
Dicranella gracillima (Beckett) Paris
Dicranoloma fasciatum (Hedw.) Paris
Dicranoloma obesifolium (R.Br.bis) Broth.
Dicranoloma plurisetum Dixon
Didymodon novae-zelandiae J.E.Beever & Fife
Didymodon weymouthii (R.Br.bis) R.H.Zander
Dinckleria fruticella (Hook.f. & Taylor) J.J.Engel & Heinrichs
Diplophyllum gemmiparum J.J.Engel & G.L.Merr.
Diplophyllum novum J.J.Engel & G.L.Merr.
Distichophyllum crispulum (Hook.f. & Wilson) Mitt. var. *crispulum*
Ditrichum buchananii (R.Br.bis) Broth.
Echinolejeunea papillata (Mitt.) R.M.Schust. ex Hamlin
Eoisotachis stephanii (E.S.Salmon) R.M.Schust.
Epipterygium opararensense Fife & A.J.Shaw
Fallaciella robusta Tangney & Fife
Fifea aciphylla (Dixon & Sainsbury) H.A.Crum
Fissidens anisophyllus Dixon
Fissidens blechnoides J.E.Beever
Fissidens capitatus Hook.f. & Wilson
Fissidens hylogenes Dixon
Fissidens linearis var. *angustifolius* (Dixon) I.G.Stone
Fissidens rigidulus var. *pseudostrictus* J.E.Beever
Fissidens waiensis J.E.Beever
Fossombronina reticulata Steph.
Frullania anomala E.A.Hodgs.
Frullania colliculosa von Konrat, Braggins, Hentschel & Heinrichs
Frullania congesta Gottsche, Lindenb. & Nees
Frullania hodgsoniae von Konrat, Braggins, Hentschel & Heinrichs
Frullania knightbridgei von Konrat & de Lange
Frullania media (E.A.Hodgs.) S.Hatt.
Frullania nicholsonii E.A.Hodgs.
Frullania patula Mitt.
Frullania ptychantha Mont.
Frullania rostellata Mitt.
Frullania solanderiana Colenso
Frullania svihlana S.Hatt.
Frullania toropuku von Konrat, de Lange & Larrain
Frullania truncatistyla von Konrat, Hentschel, Heinrichs & Braggins
Frullania wairua von Konrat & Braggins
Gackstroemia novae-zelandiae R.M.Schust & J.J.Engel
Gottschea conchophylla (E.A.Hodgs. & Allison) Grolle & Zijlstra
Gottschea multidentata (J.J.Engel) Glenny & J.J.Engel
Grimmia australis (Dixon & Sainsbury) J.M.Muñoz & Ochyra
Grimmia wilsonii H.Greven
Gymnomitrium strictum (Berggr.) R.M.Schust.
Gymnomitrium strictum var. *inaequalis* R.M.Schust.
Gymnomitrium strictum (Berggr.) R.M.Schust. var. *strictum*
Haplomitrium minutum (E.O.Campb.) J.J.Engel & R.M.Schust.
Haplomitrium ovalifolium R.M.Schust.
Henediella arenae var. *petriei* (Broth.) R.H.Zander

- Hepatostolonophora rotata* var. *perssonii* (R.M.Schust.) J.J.Engel
Herzogianthus sanguineus R.M.Schust.
Herzogianthus vaginatus (Herzog) R.M.Schust.
Herzogobryum filiforme R.M.Schust.
Heteroscyphus assurgentifolius J.J.Engel
Heteroscyphus chlorophyllus (Hook.f. & Taylor) Schiffn.
Heteroscyphus cuneistipulus (Steph.) Schiffn.
Heteroscyphus deceptifrons J.J.Engel
Heteroscyphus echinellus (Lindenb. & Gottsche) J.J.Engel & He-Nygrén var. *echinellus*
Heteroscyphus fissistipus var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel
Heteroscyphus furcistipulus (E.A.Hodgs.) J.J.Engel & R.M.Schust.
Heteroscyphus hastatus (E.A.Hodgs.) J.J.Engel & R.M.Schust.
Heteroscyphus lingulatus (Colenso) J.J.Engel & R.M.Schust.
Heteroscyphus lyallii (Mitt.) R.M.Schust.
Heteroscyphus mononucleus var. *bilobus* J.J.Engel
Heteroscyphus oblongifolius (Hook.f. & Taylor) Schiffn.
Heteroscyphus parallelifolius J.J.Engel
Heteroscyphus planiusculus (Hook.f. & Taylor) J.J.Engel
Heteroscyphus polycladus (Hook.f. & Lév.) R.M.Schust.
Heteroscyphus splendidus (E.A.Hodgs.) J.J.Engel & R.M.Schust.
Heteroscyphus stoloniferus J.J.Engel
Hygrolembidium australe (Steph.) Grolle
Hygrolembidium rigidum R.M.Schust. & J.J.Engel
Hygrolembidium triquetrum J.J.Engel & R.M.Schust.
Hyphila novae-seelandiae Dixon & Sainsbury
Hypnodendron arcuatum (Hedw.) Mitt.
Hypnodendron marginatum (Hook.f. & Wilson) A.Jaeger & Sauerb.
Hypnodendron spininervium (Hook.) A.Jaeger & Sauerb. subsp. *spininervium*
Isopaches pumicicola (Berggr.) Bakalin
Isotachis lyallii Mitt.
Isotachis minima Pearson
Isotachis olivacea R.M.Schust.
Isotachis plicata J.J.Engel
Isotachis westlandica (E.A.Hodgs.) R.M.Schust.
Kiaeria spenceri (Dixon & Sainsbury) Fife
Kurzia compacta (Steph.) Grolle
Kurzia helophila R.M.Schust.
Kurzia helophila var. *flaccida* J.J.Engel
Kurzia helophila R.M.Schust. var. *helophila*
Kurzia hippuroides var. *ornata* J.J.Engel & G.L.Merr.
Kurzia moniliformis J.J.Engel
Kurzia nivicola (R.M.Schust.) E.D.Cooper
Kurzia trilobata (R.M.Schust.) R.M.Schust.
Kymatolejeunea bartlettii Grolle
Lamellocolea granditexta (Steph.) J.J.Engel
Lamellocolea integrostia J.J.Engel & Glenny
Leiomitra lanata (Hook.) R.M.Schust.
Lejeunea albiflora Colenso
Lejeunea colensoana (Steph.) M.A.M.Renner
Lejeunea cyanophora R.M.Schust.
Lejeunea epiphylla Colenso
Lejeunea helmsiana Steph.
Lejeunea hodgsoniana Grolle ex R.J.Lewington, P.Beveridge & M.A.M.Renner
Lejeunea oracula M.A.M.Renner
Lejeunea rhigophila M.A.M.Renner
Lejeunea tumida Mitt.
Lembidium berggrenii Herzog
Lembidium longifolium R.M.Schust.
Lembidium nutans (Hook.f. & Taylor) Mitt.
Lembidium nutans var. *flagelliferum* E.A.Hodgs.
Lembidium nutans (Hook.f. & Taylor) Mitt. var. *nutans*
Lepidogyna hodgsoniae (Grolle) R.M.Schust.
Lepidolaena berggrenii E.A.Hodgs.
Lepidolaena novae-zelandiae (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg
Lepidolaena palpebrifolia (Hook.) Dumort. ex Trevis.
Lepidozia acantha J.J.Engel
Lepidozia bidens J.J.Engel
Lepidozia bisbifida Steph.
Lepidozia bragginsiana E.D.Cooper & M.A.M.Renner
Lepidozia elobata R.M.Schust.
Lepidozia fugax J.J.Engel
Lepidozia glaucescens J.J.Engel
Lepidozia hirta Steph.
Lepidozia kirkii Steph.
Lepidozia laevifolia var. *acutiloba* J.J.Engel
Lepidozia laevifolia var. *alpina* R.M.Schust. & J.J.Engel
Lepidozia microphylla (Hook.) Lindenb.
Lepidozia novae-zelandiae Steph.
Lepidozia novae-zelandiae var. *heterostipa* R.M.Schust.
Lepidozia novae-zelandiae var. *minima* R.M.Schust.
Lepidozia novae-zelandiae Steph. var. *novae-zelandiae*
Lepidozia obtusiloba var. *parvula* J.J.Engel
Lepidozia ornata J.J.Engel
Lepidozia pumila J.J.Engel
Lepidozia serrulata J.J.Engel
Lepidozia setigera Steph.
Lepidozia spinosissima (Hook.f. & Taylor) Mitt.
Leptodontium interruptum (Mitt.) Broth.
Leptoscyphus beckettianus (Steph.) R.M.Schust. ex J.J.Engel
Leptoscyphus nanophysanthodes J.J.Engel
Leptoscyphus physanthus (Hook.f. & Taylor) J.J.Engel
Lindbergia maritima Lewinsky
Lobatiriccardia coronopus subsp. *australis* (R.M.Schust) Nebel, Preussing, Schäf.Verw. & D.Quandt
Lobatiriccardia subaquatica (R.M.Schust.) Nebel
Lopholejeunea colensoi Steph.
Lopholejeunea knightii Steph.
Macromitrium gracile (Hook.) Schwägr.
Macromitrium grossirete Müll.Hal.

- Macromitrium helmsii* Paris
Macromitrium longipes (Hook.) Schwägr.
Macromitrium longirostre var. *ramsayae* (Vitt) Fife
Macromitrium orthophyllum Mitt.
Macromitrium prorepens (Hook.) Schwägr.
Macromitrium retusum Hook.f. & Wilson
Marchantia macropora Mitt.
Marsupella sparsifolia subsp. *childii* R.M.Schust.
Megaceros leptohymenius (Hook.f. & Taylor) Steph.
Megalembidium insulanum (W.Martin & E.A.Hodgs.) R.M.Schust.
Mesotus celatus Mitt.
Metzgeria alpina R.M.Schust. & J.J.Engel
Metzgeria bartlettii Kuwah.
Metzgeria flavovirens Colenso
Mniodendron colensoi (Hook.f. & Wilson) Besch.
Mniodendron comatum (Müll.Hal.) Lindb.
Monoclea forsteri Hook.
Neckera laevigata Hook.f. & Wilson
Neolepidozia gibbsiana (Steph.) E.D.Cooper
Neolepidozia hodgsoniae (J.J.Engel & G.L.Merr.) E.D.Cooper
Neolepidozia meridiana (E.A.Hodgs.) E.D.Cooper
Neolepidozia paludicola (E.A.Hodgs.) E.D.Cooper
Neolepidozia patentissima var. *ampliata* (J.J.Engel & G.L.Merr.) E.D.Cooper
Neolepidozia patentissima var. *zebrina* (J.J.Engel & G.L.Merr.) E.D.Cooper
Neolepidozia pennata (J.J.Engel & G.L.Merr.) E.D.Cooper
Neolepidozia praenitens (Lehm. & Lindenb.) E.D.Cooper
Neolepidozia praenitens var. *dentifolia* (J.J.Engel & G.L.Merr.) E.D.Cooper
Neolepidozia praenitens (Lehm. & Lindenb.) E.D.Cooper var. *praenitens*
Neolepidozia tetrapila (Hook.f. & Taylor) E.D.Cooper
Neolepidozia tetrapila var. *cancellata* (Colenso) E.D.Cooper
Neolepidozia tetrapila var. *roseana* (Steph.) E.D.Cooper
Neolepidozia tetrapila (Hook.f. & Taylor) E.D.Cooper var. *tetrapila*
Nothoceros giganteus (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar
Notoligotrichum bellii (Broth.) G.L.Sm.
Oligotrichum tenuirostre (Hook.) A.Jaeger
Orthotrichum angustifolium Hook.f. & Wilson
Orthotrichum aucklandicum (Vitt) Goffinet
Orthotrichum calvum Hook.f. & Wilson
Orthotrichum cyathiforme R.Br.bis
Orthotrichum graphiomitrium Müll.Hal. ex Beckett
Orthotrichum rupestre var. *papillosum* Lewinsky
Orthotrichum sainsburyi Allison
Orthotrichum tasmanicum var. *parvithecum* (R.Br.bis) Lewinsky
Pachyglossa tenacifolia (Hook.f. & Taylor) Herzog & Grolle
Pachyschistochila berggrenii J.J.Engel & R.M.Schust.
Pachyschistochila childii R.M.Schust. & J.J.Engel
Pachyschistochila colensoana (Steph.) R.M.Schust. & J.J.Engel
Pachyschistochila latiloba R.M.Schust. & J.J.Engel
Pachyschistochila nivicola R.M.Schust. & J.J.Engel
Pachyschistochila papillifera (R.M.Schust.) R.M.Schust. & J.J.Engel
Pachyschistochila subhyalina (R.M.Schust.) R.M.Schust. & J.J.Engel
Pachyschistochila subhyalina var. *grandidentata* J.J.Engel & R.M.Schust.
Pachyschistochila subhyalina (R.M.Schust.) R.M.Schust. & J.J.Engel var. *subhyalina*
Pachyschistochila virescens (R.M.Schust.) R.M.Schust. & J.J.Engel
Pallavicinia innovans Steph.
Pallavicinia tenuinervis (Hook.f. & Taylor) Trevis.
Paracromastigum drucei (R.M.Schust.) R.M.Schust.
Paracromastigum fiordlandiae R.M.Schust. & J.J.Engel
Paracromastigum furcifolium (Steph.) R.M.Schust.
Paracromastigum macrostipum (Steph.) R.M.Schust.
Paracromastigum microphyllum (R.M.Schust. ex J.J.Engel) E.D.Cooper
Pendulothecium auriculatum (Hook.f. & Wilson) Enroth & S.He
Pendulothecium oblongifolium (Hook.f. & Wilson) Enroth & S.He
Petalophyllum hodgsoniae Crand.-Stotl. & C.H.Ford
Phaeoceros delicatus E.O.Campb. & Outred
Phaeomegaceros coriaceus (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
Phyllohallia nivicola E.A.Hodgs.
Plagiobryum novae-seelandiae Broth.
Plagiochila annotina Menzies ex Lindenb.
Plagiochila banksiana var. *echinophora* Inoue & R.M.Schust.
Plagiochila circinalis var. *hemicardia* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.
Plagiochila circumdentata Steph.
Plagiochila circumdentata var. *carinata* J.J.Engel & G.L.Merr.
Plagiochila circumdentata Steph. var. *circumdentata*
Plagiochila colensoi Hook.f. & Taylor
Plagiochila deltoidea Lindenb.
Plagiochila deltoidea Lindenb. var. *deltoidea*
Plagiochila deltoidea var. *densa* J.J.Engel & G.L.Merr.
Plagiochila fuscella var. *novae-zelandiae* (E.A.Hodgs.) J.J.Engel & G.L.Merr.
Plagiochila gigantea Lindenb.
Plagiochila gigantea Lindenb. var. *gigantea*
Plagiochila gigantea var. *inermis* J.J.Engel & G.L.Merr.
Plagiochila gregaria (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Plagiochila incurvicolla var. *lonchoscypha* (Herzog) J.J.Engel & G.L.Merr.
Plagiochila microdictyon Mitt.
Plagiochila ramosissima (Hook.) Lindenb.
Plagiochila reischeckiana Steph.
Plagiochila rutlandii Steph.

- Plagiochila subflabellata* Colenso
Plagiochila trispicata Colenso
Pleurophascum ovalifolium Fife & P.J.Dalton
Pohlia australis A.J.Shaw & Fife
Pohlia ochii Vitt
Porella pulcherrima Herzog & S.Hatt.
Protolophozia autoica (R.M.Schust.) Váňa & L.Söderstr.
Protolophozia druceae (Grolle & E.A.Hodgs.) Váňa & L.Söderstr.
Protolophozia monoica (E.A.Hodgs.) Váňa & L.Söderstr.
Protolophozia multicuspidata (Hook.f. & Taylor) Váňa & L.Söderstr.
Protolophozia nivicola (R.M.Schust.) Váňa & L.Söderstr.
Protolophozia subalpina (R.M.Schust.) Váňa & L.Söderstr.
Pseudocephalozia lepidozioides R.M.Schust.
Pseudolophocolea denticulata R.M.Schust. & J.J.Engel
Pseudotaxiphyllum falcifolium (Hook.f. & Wilson) S.He
Ptychanthus stephensonianus (Mitt.) Steph.
Pycnolejeunea glauca Steph.
Racomitrium crumianum Fife
Racomitrium curiosissimum Bednarek-Ochyra & Ochyra
Racopilum robustum Hook.f. & Wilson
Racopilum strumiferum (Müll.Hal.) Mitt.
Radula allisonii Castle
Radula cuspidata Steph.
Radula grandis Steph.
Radula marginata Taylor ex Gottsche, Lindenb. & Nees
Radula plicata Mitt.
Radula pseudoscripta M.A.M.Renner
Radula splendida M.A.M.Renner & N.Devos
Radula uvifera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Reboulia hemisphaerica subsp. *australis* R.M.Schust.
Riccardia aequitexta (Steph.) E.A.Br.
Riccardia alba (Colenso) E.A.Br.
Riccardia asperulata R.M.Schust.
Riccardia breviala E.A.Br.
Riccardia exilis E.A.Br.
Riccardia filicina (Colenso) E.A.Hodgs.
Riccardia furtiva E.A.Br. & Braggins
Riccardia intercellula E.A.Br.
Riccardia marginata (Colenso) Pearson
Riccardia multicorpora E.A.Br.
Riccardia papulosa (Steph.) E.A.Br.
Riccardia pennata E.A.Br.
Riccardia perspicua E.A.Br.
Riccardia pseudodendroceros R.M.Schust.
Riccardia umida E.A.Br.
Schistidium rivulare var. *subflexifolium* (Müll.Hal.) Fife
Schistochila appendiculata (Hook.) Dumort. ex Trevis.
Schistochila chlorophylla (Colenso) J.J.Engel & R.M.Schust.
- Schistochila ciliata* (Mitt.) Steph.
Schistochila glaucescens (Hook.) A.Evans
Schistochila kirkiana Steph.
Schistochila monticola R.M.Schust.
Schistochila muricata E.A.Hodgs. & Allison
Schistochila nitidissima R.M.Schust.
Schistochila nobilis (Hook.) Trevis.
Schistochila pellucida R.M.Schust. & J.J.Engel
Schistochila pluriciliata R.M.Schust. & J.J.Engel
Schistochila repleta (Hook.f. & Taylor) Steph.
Schizophyllopsis papillosa (J.J.Engel & Braggins) Váňa & L.Söderstr.
Schlotheimia campbelliana Müll.Hal.
Schlotheimia knightii Müll.Hal.
Sciadocladus kerrii (Mitt.) Broth.
Seligeria diminuta (R.Br.bis) Dixon
Sematophyllum fiordensis Fife
Sematophyllum kirkii (Müll.Hal. ex Beckett) Paris
Siphonolejeunea carcharias (M.A.M.Renner) M.A.M.Renner
Siphonolejeunea fragilis (R.M.Schust.) M.A.M.Renner
Siphonolejeunea hispida (R.M.Schust.) M.A.M.Renner
Siphonolejeunea nudipes var. *magnicarinata* E.A.Hodgs.
Siphonolejeunea papillosa (Glenny) M.A.M.Renner
Siphonolejeunea raharahanehemiae de Lange & M.A.M.Renner
Siphonolejeunea secunda (M.A.M.Renner) M.A.M.Renner
Solenostoma cryptogynum J.J.Engel
Solenostoma hodgsoniae (Grolle) J.J.Engel
Solenostoma novazelandiae R.M.Schust.
Solenostoma rufflorum (Colenso) J.J.Engel
Solenostoma totipapillosum (E.A.Hodgs.) R.M.Schust.
Sphagnum simplex Fife
Spruceanthus olivaceus (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
Stolonivector clasmatocoleoides J.J.Engel
Stolonivector echioides Frogley & Glenny
Stolonivector fiordlandiae (E.A.Hodgs.) J.J.Engel
Stolonivector fiordlandiae (E.A.Hodgs.) J.J.Engel var. *fiordlandiae*
Stolonivector fiordlandiae var. *nodulosus* J.J.Engel
Stolonivector waipouensis J.J.Engel
Symphyogyna prolifera Colenso
Symphyogyna undulata Colenso
Syzygiella nigrescens (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs
Syzygiella pseudocclusa (E.A.Hodgs.) K.Feldberg, Váňa, Hentschel & Heinrichs
Tayloria purpurascens (Hook.f. & Wilson) Broth.
Telaranea granulata J.J.Engel & G.L.Merr.
Temnoma angustifolium R.M.Schust.
Temnoma palmatum var. *cuneatum* R.M.Schust.
Temnoma palmatum var. *laxifolium* R.M.Schust.
Temnoma palmatum var. *pseudospiniferum* R.M.Schust.
Temnoma paucisetigerum R.M.Schust.
Temnoma pulchellum (Hook.) Mitt. ex Bastow

Temnoma quadrifidum (Mitt.) Mitt. ex E.A.Hodgs. & Allison
Temnoma quadripartitum var. *pseudopungens* R.M.Schust.
Tetracoscinodon irroratus (Mitt.) R.H.Zander
Tetracymbaliella cymbalifera (Hook.f. & Taylor) Grolle
Thysananthus anguiformis (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees
Tortula areolata (C.Knight) Fife
Tortula viridipila Dixon & Sainsbury
Treubia pygmaea R.M.Schust.
Triandrophyllum symmetricum J.J.Engel
Tricholepidozia lindenbergii (Gottsche) E.D.Cooper
Tricholepidozia lindenbergii var. *complanata* (J.J.Engel & G.L.Merr.) E.D.Cooper
Tricholepidozia lindenbergii (Gottsche) E.D.Cooper var. *lindenbergii*
Tricholepidozia lindenbergii var. *mellea* (J.J.Engel & G.L.Merr.) E.D.Cooper
Tricholepidozia lindenbergii var. *papillata* (J.J.Engel & G.L.Merr.) E.D.Cooper
Tricholepidozia martinii (E.A.Hodgs.) E.D.Cooper
Tricholepidozia pulcherrima (Steph.) E.D.Cooper var. *pulcherrima*
Tricholepidozia remotifolia (E.A.Hodgs.) E.D.Cooper
Tricholepidozia tetradactyla (Hook.f. & Taylor) E.D.Cooper
Trichostomum imshaugii (Vitt) R.H.Zander
Trichostomum sciophilum Müll.Hal.
Tritomaria exsecta subsp. *novaezealandiae* J.J.Engel
Ulota perichaetialis (Sainsbury) Goffinet
Weissia patula (C.Knight) Fife
Wettsteinia schusteriana Grolle
Xenothallus vulcanicola R.M.Schust.
Zoopsis argentea var. *flagelliformis* (Colenso) R.M.Schust.
Zoopsis bicruris Glenny & E.A.Br.
Zoopsis ceratophylla (Spruce) Hamlin
Zoopsis macrophylla R.M.Schust.
Zoopsis matawaia M.A.M.Renner
Zoopsis nitida Glenny, Braggins & R.M.Schust.

Non-endemic

Acaulon integrifolium Müll.Hal.
Achrophyllum dentatum (Hook.f. & Wilson) Vitt & Crosby
Acrobolbus cinerascens (Lehm. & Lindenb.) Bastow
Acrobolbus cinerascens (Lehm. & Lindenb.) Bastow var. *cinerascens*
Acrobolbus concinnus (Mitt.) Grolle
Acrobolbus knightii (Mitt.) Briscoe
Acrobolbus ochrophyllus (Hook.f. & Taylor) R.M.Schust.
Acrobolbus saccatus (Hook.) Trevis.
Acrobolbus setulosus (Mitt.) Briscoe
Acrobolbus spinifolius R.M.Schust.
Acrobolbus surculosus (Nees) Trevis.
Acrobolbus tenellus (Taylor ex Lehm.) Trevis.
Acrobolbus tenellus var. *diversifolius* (E.A.Hodgs.) Briscoe

Acrobolbus tenellus (Taylor ex Lehm.) Trevis. var. *tenellus*
Acrocladium chlamydophyllum (Hook.f. & Wilson) Müll.Hal. & Broth.
Acrolejeunea pycnoclada (Taylor) Schiffn.
Acrolejeunea pycnoclada (Taylor) Schiffn. var. *pycnoclada*
Acrolejeunea securifolia (Nees) Steph.
Acrolejeunea securifolia (Nees) Steph. subsp. *securifolia*
Acromastigum anisostomum (Lehm. & Lindenb.) A.Evans
Acromastigum cavifolium R.M.Schust.
Acromastigum colensoanum (Mitt.) A.Evans
Acromastigum cunninghamii (Steph.) A.Evans
Acromastigum divaricatum (Nees) A.Evans
Acromastigum interstisiale E.A.Br. & M.A.M.Renner
Acromastigum mooreanum (Steph.) E.A.Hodgs.
Acromastigum verticale (Steph.) E.A.Hodgs.
Acroscyphella phoenicorhiza (Grolle) N.Kitag. & Grolle
Adelanthus falcatus (Hook.) Mitt.
Adelanthus gemmiparus (R.M.Schust.) E.A.Hodgs.
Adelanthus oclusus (Hook.f. & Taylor) Carrington
Alleniella hymenodonta (Müll.Hal.) S.Olsson, Enroth & D.Quandt
Allisoniella nigra (Rodway) R.M.Schust.
Allisoniella nigra (Rodway) R.M.Schust. subsp. *nigra*
Aloina ambigua (Bruch & Schimp.) Limpr.
Aloina bifrons (De Not.) Delgad.
Amblystegium serpens (Hedw.) Schimp.
Amblystegium varium (Hedw.) Lindb.
Amphidium cyathicarpum (Mont.) Broth.
Amphidium lapponicum (Hedw.) Schimp.
Anastrophylopsis subcomplicata (Lehm. & Lindenb.) Vána & L.Söderstr.
Anastrophyllum auritum (Lehm.) Steph.
Andreaea acuminata Mitt.
Andreaea acutifolia Hook.f. & Wilson
Andreaea alpina Hedw.
Andreaea amblyophylla Müll.Hal. ex. Broth.
Andreaea australis F.Muell. ex Mitt.
Andreaea flabellata Müll.Hal.
Andreaea flexuosa R.Br.bis
Andreaea heinemannii Hampe & Müll.Hal.
Andreaea huttonii R.Br.bis
Andreaea microvaginata Müll.Hal.
Andreaea mutabilis Hook.f. & Wilson
Andreaea nitida Hook.f. & Wilson
Andreaea subulata Harv.
Andrewsianthus marionensis (S.W.Arnell) Grolle
Andrewsianthus perigonalis (Hook.f. & Taylor) R.M.Schust.
Aneura novaguineensis Hewson
Aneura pinguis (L.) Dumort.
Anoetangium aestivum (Hedw.) Mitt.
Anthelia juratzkana (Limpr.) Trevis.
Ardeuma recurvirostrum R.H.Zander & Hedd.
Asterella tenera (Mitt.) R.M.Schust.
Atrichum androgynum (Müll.Hal.) A.Jaeger
Austrohondaella limata (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife

- Balantiopsis convexiuscula* Berggr.
Balantiopsis diplophylla (Hook.f. & Taylor) Mitt.
Balantiopsis diplophylla (Hook.f. & Taylor) Mitt. var. *diplophylla*
Balantiopsis tumida Berggr.
Barbula calycina Schwägr.
Bartramia alaris Dixon & Sainsbury
Bartramia mossmaniana Müll.Hal.
Bartramia papillata Hook.f. & Wilson
Bazzania accreta (Lehm. & Lindenb.) Trevis
Bazzania adnexa (Lehm. & Lindenb.) Trevis.
Bazzania adnexa (Lehm. & Lindenb.) Trevis. var. *adnexa*
Bazzania involuta (Mont.) Trevis.
Bazzania involuta (Mont.) Trevis. var. *involuta*
Bazzania involuta var. *submutica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
Bazzania mittenii (Steph.) Steph.
Bazzania monilinervis (Lehm. & Lindenb.) Trevis.
Bazzania nitida (F.Weber) Grolle
Bazzania novae-zelandiae (Mitt.) Besch. & C.Massal.
Bazzania tayloriana (Mitt.) Kuntze
Blepharidophyllum vertebrale (Taylor ex Gottsche, Lindenb. & Nees) Ångstr. ex C.Massal.
Blindia contecta (Hook.f. & Wilson) Müll.Hal.
Blindia magellanica Schimp.
Blindia martinii Sainsbury
Blindia robusta Hampe
Brachythecium paradoxum (Hook.f. & Wilson) A.Jaeger
Brachythecium plumosum (Hedw.) Schimp.
Brachythecium rutabulum (Hedw.) Schimp.
Brachythecium salebrosum (F.Weber & D.Mohr) Schimp.
Braithwaitea sulcata (Hook.) A.Jaeger
Breutelia affinis (Hook.) Mitt.
Breutelia elongata (Hook.f. & Wilson) Mitt.
Breutelia pendula (Sm.) Mitt.
Brevianthus flavus (Grolle) J.J.Engel & R.M.Schust.
Bryoerythrophyllum dubium (Schwägr.) P.Sollman
Bryoerythrophyllum recurvirostrum (Hedw.) P.C.Chen
Bryum algovicum Müll.Hal.
Bryum algovicum var. *rutheanum* (Warnst.) Crundw.
Bryum amblyodon Müll.Hal.
Bryum appressifolium Broth.
Bryum argenteum Hedw.
Bryum caespiticium Hedw.
Bryum clavatum (Schimp.) Müll.Hal.
Bryum coronatum Schwägr.
Bryum crassum Hook.f. & Wilson
Bryum creberrimum Taylor
Bryum dichotomum Hedw.
Bryum duriusculum Hook.f. & Wilson
Bryum funkii Schwägr.
Bryum harriottii R.Br.bis
Bryum laevigatum Hook.f. & Wilson
Bryum mucronatum Mitt.
Bryum pallescens Schwägr.
Bryum preissianum Hampe
Bryum pseudotriquetrum (Hedw.) P.Gaertn., E. Meyer & Scherb.
Bryum radiculosum Brid.
Bryum sauteri Bruch & Schimp.
Buxbaumia aphylla Hedw.
Calliergon richardsonii (Mitt.) Kindb. ex G.Roth
Calomnion complanatum (Hook.f. & Wilson) Lindb.
Calymperes tahitense (Sull.) Mitt.
Calymperes tenerum Müll.Hal.
Calypogeia sphagnicola (Arnell & J.Perss.) Warnst. & Loeske
Calyptopogon mnioides (Schwägr.) Broth.
Calyptrochaeta apiculata (Hook.f. & Wilson) Vitt
Calyptrochaeta brownii (Dixon) J.K.Bartlett
Calyptrochaeta flexicollis (Mitt.) Vitt
Camptochaete arbuscula (Sm.) Reichardt
Camptochaete arbuscula (Sm.) Reichardt var. *arbuscula*
Camptochaete deflexa (Wilson) A.Jaeger
Camptochaete pulvinata (Hook.f. & Wilson) A.Jaeger
Campyliadelphus polygamus (Schimp.) Kanda
Campyliadelphus stellatus (Hedw.) Kanda
Campylopodium capillaceum (Hook.f. & Wilson) Fife
Campylopodium lineare (Mitt.) Dixon
Campylopus bicolor (Müll.Hal.) Hook.f. & Wilson
Campylopus clavatus (R.Br.) Hook.f. & Wilson
Campylopus introflexus (Hedw.) Brid.
Campylopus kirkii Beckett
Campylopus pallidus Hook.f. & Wilson
Campylopus purpureocaulis Dusén
Castanoclobos julaceus (J.J.Engel) J.J.Engel & Glenny
Catagonium nitens (Brid.) Cardot
Cephalomitron aterrimum (Steph.) R.M.Schust.
Cephalozia badia (Gottsche) Steph.
Cephaloziella divaricata (Sm.) Schiffn.
Cephaloziella exiliflora (Gottsche, Lindenb. & Nees) Douin
Cephaloziella muelleriana R.M.Schust.
Cephaloziella pulcherrima R.M.Schust.
Cephaloziella pulcherrima subsp. *sphagnicola* R.M.Schust.
Cephaloziella varians (Gottsche) Steph.
Cephaloziella varians subsp. *subantarctica* (R.M.Schust.) R.M.Schust. ex J.J. Engel
Cephaloziella verrucosa Steph.
Ceramanus elegans (Colenso) E.D.Cooper
Ceratodon purpureus (Hedw.) Brid.
Ceratolejeunea belangeriana (Gottsche) Steph.
Chaetophyllopsis whiteleggei (Carrington & Pearson) R.M.Schust. ex Hamlin
Chandonanthus squarrosus (Hook.) Schiffn.
Cheilolejeunea albovirens (Hook.f. & Taylor) E.A.Hodgs.
Cheilolejeunea campbelliensis (Steph.) R.M.Schust.
Cheilolejeunea ceylanica (Gottsche) R.M.Schust. & Kachroo
Cheilolejeunea comitans (Hook.f. & Taylor) R.M.Schust.
Cheilolejeunea intertexta (Lindenb.) Steph.
Cheilolejeunea mimosa (Hook.f. & Taylor) R.M.Schust.

- Cheilelejeunea trifaria* (Reinw., Blume & Nees) Mizut.
Chiastocaulon biserialis (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
Chiastocaulon conjugatum (Hook.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
Chiloscyphus austrigenus (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
Chiloscyphus austrigenus subsp. *okaritanus* (Steph.) J.J.Engel
Chiloscyphus bispinosus (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
Chiloscyphus canaliculatus Gottsche, Lindenb. & Nees
Chiloscyphus canaliculatus Gottsche, Lindenb. & Nees var. *canaliculatus*
Chiloscyphus cuspidatus (Nees) J.J.Engel & R.M.Schust.
Chiloscyphus excisifolius (Steph.) J.J.Engel & R.M.Schust.
Chiloscyphus muricatus (Lehm.) J.J.Engel & R.M.Schust.
Chiloscyphus novae-zeelandiae (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
Chiloscyphus novae-zeelandiae var. *grandistipulus* (Schiffn.) J.J.Engel
Chiloscyphus novae-zeelandiae var. *meridionalis* (Steph.) J.J.Engel
Chiloscyphus novae-zeelandiae (Lehm. & Lindenb.) J.J.Engel & R.M.Schust. var. *novae-zeelandiae*
Chiloscyphus perpusillus (Hook.f. & Taylor) J.J.Engel
Chiloscyphus rupicola (Steph.) J.J.Engel & R.M.Schust.
Chiloscyphus semiteres (Lehm.) Lehm. & Lindenb.
Chiloscyphus semiteres (Lehm.) Lehm. & Lindenb. var. *semiteres*
Chiloscyphus subporosus (Mitt.) J.J.Engel & R.M.Schust.
Chiloscyphus subporosus (Mitt.) J.J.Engel & R.M.Schust. var. *subporosus*
Chrysoblastella chilensis (Mont.) Reimers
Clandarium xiphophyllum (Grolle) R.M.Schust.
Clasmatocolea crassiretis (Herzog) Grolle
Clasmatocolea humilis (Hook.f. & Taylor) Grolle
Clasmatocolea humilis (Hook.f. & Taylor) Grolle var. *humilis*
Clasmatocolea inflexispina (Hook.f. & Taylor) J.J.Engel
Clasmatocolea notophylla (Hook.f. & Taylor) Grolle
Clasmatocolea strongylophylla (Hook.f. & Taylor) Grolle
Clasmatocolea vermicularis (Lehm.) Grolle
Clasmatocolea verrucosa J.J.Engel
Cololejeunea appressa (A.Evans) Benedix
Cololejeunea cardiocarpa (Mont.) A.Evans
Cololejeunea floccosa (Lehm. & Lindenb.) Steph.
Cololejeunea grossepapillosa (Horik.) N.Kitag.
Cololejeunea laevigata (Mitt.) R.M.Schust.
Colura pulcherrima Jovet-Ast
Colura pulcherrima var. *bartlettii* Jovet-Ast
Colura saccophylla E.A.Hodgs. & Herzog
Conostomum curvirostrum (Mitt.) Mitt.
Conostomum pentastichum (Brid.) Lindb.
Conostomum pusillum Hook.f. & Wilson
Conostomum pusillum Hook.f. & Wilson var. *pusillum*
Coscinodon calyptratus (Drumm.) Kindb.
Cratoneuron filicinum (Hedw.) Spruce
Cratoneuroopsis relaxa (Hook.f. & Wilson) M.Fleisch.
Crossidium davidai Catches.
Crossidium geheebii (Broth.) Broth.
Cryphaea ovalifolia (Müll.Hal.) A.Jaeger
Cryphaea parvula Mitt.
Cryphaea tenella (Schwägr) Müll.Hal.
Cryptogonium phyllogonioides (Sull.) Isov.
Cryptolophocolea helmsiana (Steph.) L.Söderstr.
Cryptolophocolea leucophylla (Hook.f. & Taylor) L.Söderstr.
Cryptolophocolea mitteniana (Colenso) L.Söderstr.
Cryptolophocolea mitteniana var. *obtusata* (J.J.Engel) L.Söderstr.
Cryptolophocolea trialata (Gottsche) L.Söderstr.
Cryptoplagiochila radiculosa (Mitt.) S.D.F.Patzak, M.A.M. Renner & Heinrichs
Ctenidium pubescens (Hook.f. & Wilson) Broth.
Cumulolejeunea ocellata (Herzog) R.L.Zhu & L.Shu
Cuspidatula monodon (Taylor ex Lehm.) Steph.
Cyathophorum bulbosum (Hedw.) Müll.Hal.
Cyclodictyon blumeum (Müll.Hal.) Kuntze
Cyrtopus setosus (Hedw.) Hook.f.
Daltonia splachnoides (Sm.) Hook. & Taylor
Dawsonia superba Grev.
Dendrocryphaea tasmanica (Mitt.) Broth.
Dendromastigophora flagellifera (Hook.) R.M.Schust.
Dicnemon calycinum (Hook.) Schwägr.
Dicranella cardotii (R.Br.bis) Dixon
Dicranella dietrichiae (Müll.Hal.) A.Jaeger
Dicranella schreberiana (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
Dicranella vaginata (Hook.) Cardot
Dicranoloma billardierei (Brid.) Paris
Dicranoloma dicarpum (Nees) Paris
Dicranoloma menziesii (Taylor) Renault
Dicranoloma platycaulon Dixon
Dicranoloma robustum (Hook.f. & Wilson) Paris
Dicranoweisia antarctica (Müll.Hal.) Kindb.
Dicranum leioneuron Kindb.
Didymodon australasiae (Hook. & Grev.) R.H.Zander
Didymodon ceratodonteus (Müll.Hal.) Dixon
Didymodon tophaceus (Brid.) Lisa
Didymodon torquatus (Taylor) Catches.
Dinckleria pleurata (Hook.f. & Taylor) Trevis.
Diplasiolejeunea plicatiloba (Hook.f. & Taylor) Grolle
Diplasiolejeunea pusilla Grolle
Diplophyllum dioicum R.M.Schust.
Diplophyllum obtusifolium (Hook.) Dumort.
Diplophyllum obtusifolium subsp. *domesticum* (Gottsche) Váňa
Diplophyllum verrucosum R.M.Schust.
Distichium capillaceum (Hedw.) Bruch & Schimp.
Distichophyllum crispulum (Hook.f. & Wilson) Mitt.

- Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon
Distichophyllum microcarpum (Hedw.) Mitt.
Distichophyllum pulchellum (Hampe) Mitt.
Distichophyllum rotundifolium (Hook.f. & Wilson) Müll.Hal. & Broth.
Ditrichum brevirostre (R.Br.bis) Broth.
Ditrichum brotherusii (R.Br.bis) Seppelt
Ditrichum cylindricarpum (Müll.Hal.) F.Muell.
Ditrichum difficile (Duby) M.Fleisch.
Ditrichum flexicaule (Schwägr.) Hampe
Ditrichum punctulatum Mitt.
Ditrichum rufoaureum (Hampe) J.H.Willis
Ditrichum strictum (Hook.f. & Wilson) Hampe
Drepanocladus aduncus (Hedw.) Warnst.
Drepanocladus brachiatus (Mitt.) Dixon
Drepanolejeunea aucklandica Steph.
Drepanolejeunea pentadactyla (Mont.) Steph.
Drepanolejeunea ternatensis (Gottsche) Steph.
Drepanolejeunea vesiculosa (Mitt.) Steph.
Drepanolejeunea vesiculosa subsp. *euvesiculosa* Herzog
Drucella integristipula (Steph.) E.A.Hodgs.
Dumortiera hirsuta (Sw.) Nees
Eccremidium pulchellum (Hook.f. & Wilson) Müll.Hal.
Echinodium hispidum (Hook.f. & Wilson) Reichardt
Echinodium umbrosum (Mitt.) A.Jaeger
Ectropothecium sandwichense (Hook. & Arn.) Mitt.
Encalypta rhaptoparpa Schwägr.
Encalypta vulgaris Hedw.
Entodon plicatus Müll.Hal.
Entosthodon apophysatus (Taylor) Mitt.
Entosthodon jamesonii (Taylor) Mitt.
Entosthodon jamesonii subsp. *productus* (Mitt.) Fife
Entosthodon laxus (Hook.f. & Wilson) Mitt.
Entosthodon muhlenbergii (Turner) Fife
Entosthodon radians (Hedw.) Müll.Hal.
Entosthodon subnudus (Taylor) Fife
Entosthodon subnudus var. *gracilis* (Hook.f. & Wilson) Fife
Eotrichocolea polyacantha (Hook.f. & Taylor) R.M.Schust.
Ephemeropsis trentepohlioides (Renner) Sainsbury
Eriodon cylindritheca (Dixon) Dixon & Sainsbury
Erpodium glaucum (Wilson) I.G.Stone
Eurhynchium asperipes (Mitt.) Dixon
Fabronia australis Hook.
Fallaciella gracilis (Hook.f. & Wilson) H.A.Crum
Fissidens adianthoides Hedw.
Fissidens asplenioides Hedw.
Fissidens berteroi (Mont.) Müll.Hal.
Fissidens crispulus Brid.
Fissidens crispulus var. *robinsonii* (Broth.) Z.Iwats. & Z.H.Li
Fissidens curvatus Hornsch.
Fissidens curvatus var. *inclinabilis* (Dixon) J.E.Beever
Fissidens dealbatus Hook.f. & Wilson
Fissidens dietrichiae Müll.Hal.
Fissidens hyophilus Mitt.
Fissidens integerrimus Mitt.
Fissidens leptocladus Müll.Hal. ex Rodway
Fissidens linearis Brid.
Fissidens linearis Brid. var. *linearis*
Fissidens megalotis Schimp. ex Müll.Hal.
Fissidens megalotis Schimp. ex Müll.Hal. subsp. *megalotis*
Fissidens oblongifolius Hook.f. & Wilson
Fissidens pallidus Hook.f. & Wilson
Fissidens perangustus Broth.
Fissidens rigidulus Hook.f. & Wilson
Fissidens rigidulus Hook.f. & Wilson var. *rigidulus*
Fissidens strictus Hook.f. & Wilson
Fissidens taylorii Müll.Hal.
Fissidens taylorii var. *epiphytus* (Allison) I.G.Stone & J.E.Beever
Fissidens taylorii var. *sainsburianus* J.E.Beever
Fissidens taylorii Müll.Hal. var. *taylorii*
Fissidens tenellus Hook.f. & Wilson
Fissidens tenellus var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone
Fissidens tenellus Hook.f. & Wilson var. *tenellus*
Fossombronia australis Mitt.
Fossombronia pusilla (L.) Nees
Fossombronia wondraczekii (Corda) Dumort.
Frullania allanii E.A.Hodgs.
Frullania apiculata (Reinw., Blume & Nees) Nees
Frullania aterrima (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Frullania chevalieri (R.M.Schust.) R.M.Schust.
Frullania deplanata Mitt.
Frullania falciloba Lehm.
Frullania fugax (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Frullania incumbens Mitt.
Frullania monocera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Frullania monocera (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *monocera*
Frullania monocera var. *subhampeana* (E.A.Hodgs.) Hentschel & von Konrat
Frullania probosciphora Taylor
Frullania pycnantha (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Frullania rostrata (Hook.f. & Taylor) Hook.f. & Taylor
Frullania scandens Mont.
Frullania setchellii Pearson
Frullania spinifera Taylor
Frullania squarrosula (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Funaria hygrometrica Hedw.
Gackstroemia alpina R.M.Schust.
Gackstroemia weindorferi (Herzog) Grolle
Geocalyx caledonicus Steph.
Gigaspermum repens (Hook.) Lindb.
Glyphothecium sciuroides (Hook.) Hampe
Goebeliella cornigera (Mitt.) Steph.
Goebelobryum unguiculatum (Hook.f. & Taylor) Grolle
Goebelobryum vermiculare J.J.Engel & Glenn
Goniobryum subbasilare (Hook.) Lindb.
Goniomitrium acuminatum Hook. & Wilson
Gottschea pinnatifolia (Hook.) Nees
Gottschea tuloides (Hook.f. & Taylor) Gottsche, Lindenb. & Nees

- Grimmia anodon* Bruch & Schimp.
Grimmia incrasscapsulis B.G.Bell
Grimmia laevigata (Brid.) Brid.
Grimmia longirostris Hook.
Grimmia plagiopodia Hedw.
Grimmia pulvinata (Hedw.) Sm. & Sowerby
Grimmia pulvinata var. *africana* (Hedw.) Hook.f. & Wilson
Grimmia reflexidens Müll.Hal.
Grimmia trichophylla Grev.
Gymnomitrium incompletum (Gottsche) R.M.Schust. ex Vána
Gymnostomum calcareum Nees & Hornsch.
Hampeella alaris (Dixon & Sainsbury) Sainsbury
Hampeella pallens (Sande Lac.) M.Fleisch.
Haplohymenium pseudotriste (Müll.Hal.) Broth.
Haplomitrium gibbsiae (Steph.) R.M.Schust.
Hedwigia ciliata (Hedw.) P.Beauv.
Hedwigidium integrifolium (P.Beauv.) C.E.O.Jensen
Hennediella arenae (Besch.) R.H.Zander
Hennediella arenae (Besch.) R.H.Zander var. *arenae*
Hennediella heimii (Hedw.) R.H.Zander
Hennediella macrophylla (R.Br.bis) Paris
Hepatostolonophora paucistipula (Rodway) J.J.Engel
Hepatostolonophora rotata (Hook.f. & Taylor) J.J.Engel
Hepatostolonophora rotata (Hook.f. & Taylor) J.J.Engel var. *rotata*
Herbertus oldfieldianus (Steph.) Rodway
Herzogobryum atrocapsillum (Hook.f. & Taylor) Grolle
Herzogobryum vermiculare (Schiffn.) Grolle
Heteroscyphus allodontus (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
Heteroscyphus ammophilus (Colenso) R.M.Schust.
Heteroscyphus ammophilus (Colenso) R.M.Schust. var. *ammophilus*
Heteroscyphus ammophilus var. *obtusifolius* J.J.Engel & G.L.Merr.
Heteroscyphus argutus (Reinw., Blume & Nees) Schiffn.
Heteroscyphus billardierei (Schwägr.) Schiffn.
Heteroscyphus billardierei (Schwägr.) Schiffn. var. *billardierei*
Heteroscyphus billardierei var. *clasmatocoleoides* (J.J.Engel & G.L.Merr.) J.J.Engel
Heteroscyphus ciliatus (Steph.) Schiffn.
Heteroscyphus coalitus (Hook.) Schiffn.
Heteroscyphus coalitus (Hook.) Schiffn. var. *coalitus*
Heteroscyphus coalitus var. *simplicifolius* J.J.Engel
Heteroscyphus conjugatus (Mitt.) J.J.Engel & R.M.Schust.
Heteroscyphus dentammophilus J.J.Engel & G.L.Merr.
Heteroscyphus echinellus (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
Heteroscyphus echinellus var. *hyalinus* J.J.Engel
Heteroscyphus fissistipus (Hook.f. & Taylor) Schiffn.
Heteroscyphus fissistipus (Hook.f. & Taylor) Schiffn. var. *fissistipus*
Heteroscyphus fissistipus var. *repandus* J.J.Engel
Heteroscyphus gunnianus (Mitt.) J.J.Engel & R.M.Schust.
Heteroscyphus knightii (Steph.) Grolle
Heteroscyphus menziesii (Mitt.) J.J.Engel
Heteroscyphus mononuculus J.J.Engel
Heteroscyphus mononuculus var. *ammophilopsis* J.J.Engel
Heteroscyphus mononuculus J.J.Engel var. *mononuculus*
Heteroscyphus sinuosus (Hook.) Schiffn.
Heteroscyphus supinus (Hook.f. & Taylor) R.M.Schust.
Heteroscyphus triacanthus (Hook.f. & Taylor) Schiffn.
Heteroscyphus triacanthus var. *magnistipulatus* J.J.Engel
Heteroscyphus triacanthus (Hook.f. & Taylor) Schiffn. var. *triacanthus*
Holodontium strictum (Hook.f. & Wilson) Ochyra
Holomitrium perichaetiale (Hook.) Brid.
Holomitrium trichopodium (Mitt.) Klazenga
Hygrolembidium acrocladum (Berggr.) R.M.Schust.
Hylocomium splendens (Hedw.) Schimp.
Hymenodon pilifer Hook.f. & Wilson
Hymenophyton flabellatum (Labill.) Trevis.
Hymenophyton leptopodium (Hook.f. & Taylor) Steph.
Hyophila involuta (Hook.) A.Jaeger
Hypnodendron spininervium (Hook.) A.Jaeger & Sauerb.
Hypnum chrysogaster Müll.Hal.
Hypnum cupressiforme Hedw.
Hypnum cupressiforme Hedw. var. *cupressiforme*
Hypnum cupressiforme var. *filiforme* Brid.
Hypnum cupressiforme var. *lacunosum* Brid.
Hypopterygium didictyon Müll.Hal.
Hypopterygium tamarisci (Sw.) Brid. ex Müll.Hal.
Ischyrodon lepturus (Taylor) Schelpe
Isolembidium anomalum (Rodway) Grolle
Isolembidium anomalum (Rodway) Grolle var. *anomalum*
Isolembidium anomalum var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
Isopaches bicrenatus (Schmidel ex Hoffm.) H.Buch
Isophyllaria attenuata (Rodway) E.A.Hodgs.
Isopterygiopsis pulchella (Hedw.) Z.Iwats.
Isopterygium albescens (Hook.) A.Jaeger
Isotachis intortifolia (Hook.f. & Taylor) Gottsche
Isotachis montana Colenso
Jackiella curvata Allison & E.A.Hodgs.
Jensenia connivens (Colenso) Grolle
Kiaeria pumila (Mitt.) Ochyra
Kurzia calcarata (Steph.) Grolle
Kurzia dendroides (Carrington & Pearson) Grolle
Kurzia fragilifolia R.M.Schust.
Kurzia hippuroides (Hook.f. & Taylor) Grolle
Kurzia hippuroides (Hook.f. & Taylor) Grolle var. *hippuroides*
Kurzia pallescens Grolle
Kurzia quinquespina J.J.Engel & G.L.Merr.
Kurzia tenax (Grev.) Grolle
Lejeunea anisophylla Mont.

- Lejeunea exilis* (Reinw., Blume & Nees) Grolle
Lejeunea flava (Sw.) Nees
Lejeunea gracilipes (Taylor) Spruce
Lejeunea hawaikiana M.A.M. Renner & de Lange
Lejeunea primordialis (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Lejeunea schusteri Grolle
Lejeunea sinclairii Spruce
Lejeunea subelobata Carrington & Pearson
Lembophyllum clandestinum (Hook.f. & Wilson) Lindb.
Lembophyllum divulgum (Hook.f. & Wilson) Lindb.
Lepicolea attenuata (Mitt.) Steph.
Lepicolea scolopendra (Hook.) Trevis.
Lepidolaena clavigera (Hook.) Dumort ex Trevis.
Lepidolaena reticulata (Hook.f. & Taylor) Trevis.
Lepidolaena taylorii (Gottsche) Trevis.
Lepidolejeunea integristipula (J.B. Jack & Steph.) R.M. Schust.
Lepidozia concinna Colenso
Lepidozia digitata Herzog
Lepidozia glaucophylla (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Lepidozia laevifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Lepidozia laevifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *laevifolia*
Lepidozia obtusiloba Steph.
Lepidozia obtusiloba Steph. var. *obtusiloba*
Lepidozia pendulina (Hook.) Lindenb.
Lepidozia procera Mitt.
Lepidozia ulothrix (Schwägr.) Lindenb.
Leptodictyum riparium (Hedw.) Warnst.
Leptodon smithii (Hedw.) F. Weber & D. Mohr
Leptolejeunea elliptica (Lehm. & Lindenb.) Besch.
Leptolejeunea elliptica subsp. *subacuta* (A. Evans) R.M. Schust.
Leptophyllopsis laxa (Mitt.) R.M. Schust.
Leptoscyphus australis (Gottsche, Lindenb. & Nees) R.M. Schust.
Leptoscyphus compactus (Colenso) J.J. Engel
Leptoscyphus excipulatus (Steph.) J.J. Engel
Leptoscyphus excipulatus (Steph.) J.J. Engel var. *excipulatus*
Leptoscyphus heterophyllus (Steph.) J.J. Engel
Leptoscyphus iododontus J.J. Engel
Leptoscyphus incomptus J.J. Engel
Leptoscyphus microphyllidicus J.J. Engel
Leptostomum inclinans R.Br.
Leptostomum macrocarpon (Hedw.) Bach. Pyl.
Leptotheca gaudichaudii Schwägr.
Lepyrodon australis Hampe ex Broth.
Lepyrodon lagurus (Hook.) Mitt.
Leratia obtusifolia (Hook.) Goffinet
Lethocolea pansa (Taylor) G.A.M. Scott & K.G. Beckm.
Leucobryum javense (Brid.) Mitt.
Lobatiriccardia alterniloba (Hook.f. & Taylor) Furuki
Lobatiriccardia coronopus (De Not. ex Steph.) Furuki
Lopholejeunea nigricans (Lindenb.) Schiffn.
Lopholejeunea plicatiscypha (Hook.f. & Taylor) Steph.
Lophoziaopsis excisa (Dicks.) Konstant. & Vilnet
Lopidium concinnum (Hook.) Hook.f. & Wilson
Macrocoma tenue (Hook. & Grev.) Vitt
Macrocoma tenue (Hook. & Grev.) Vitt subsp. *tenue*
Macromitrium brevicaulis (Besch.) Broth.
Macromitrium incurvifolium (Hook. & Grev.) Schwägr.
Macromitrium ligulaefolium Broth.
Macromitrium ligulare Mitt.
Macromitrium longirostre (Hook.) Schwägr.
Macromitrium longirostre (Hook.) Schwägr. var. *longirostre*
Macromitrium microstomum (Hook. & Grev.) Schwägr.
Marchantia berteriana Lehm. & Lindenb.
Marchantia foliacea Mitt.
Marchantia pileata Mitt.
Marchantia polymorpha L.
Marsupella sparsifolia (Lindb.) Dumort.
Marsupella sprucei (Limpr.) Bernet
Meesia uliginosa Hedw.
Megaceros denticulatus (Lehm.) Steph.
Megaceros pellucidus (Colenso) E.A. Hodgs.
Metalejeunea cucullata (Reinw., Blume & Nees) Grolle
Meteoriopsis reclinata (Müll. Hal.) Broth.
Metzgeria crassipilis (Lindb.) A. Evans
Metzgeria furcata (L.) Corda
Metzgeria leptoneura Spruce
Metzgeria rigida Lindb.
Metzgeria saccata Mitt.
Metzgeria scobina Mitt.
Metzgeria submarginata M.L. So
Microbryum davallianum (Sm.) R.H. Zander
Microbryum starckeanum (Hedw.) R.H. Zander
Microlejeunea filicuspis (Steph.) Heinrichs, Schäff.-Verw., Pócs & S. Dong
Microlejeunea latitans (Hook.f. & Taylor) Heinrichs, Schäff.-Verw., Pócs & S. Dong
Mielichhoferia bryoides (Harv.) Wijk & Margad.
Mittenia plumula (Mitt.) Lindb.
Mniodendron comosum (Labill.) Lindb.
Mniodendron comosum (Labill.) Lindb. var. *comosum*
Mniodendron comosum var. *sieberi* (Müll. Hal.) N.E. Bell, A.E. Newton & D. Quandt
Mnioloma novaezealandiae J.J. Engel
Myriocoleopsis minutissima (Sm.) R.L. Zhu, Y. Yu & Pócs
Neckeropsis lepineana (Mont.) M. Fleisch.
Neogrollea notabilis E.A. Hodgs.
Neohodgsonia mirabilis (Perss.) Perss.
Neolepidozia patentissima (Hook.f. & Taylor) E.D. Cooper
Neolepidozia patentissima (Hook.f. & Taylor) E.D. Cooper var. *patentissima*
Neolepidozia tridactylis (Lehm. & Lindenb.) E.D. Cooper
Nothogymnomitrium erosum (Carrington & Pearson) R.M. Schust.
Notoligotrichum australe (Hook.f. & Wilson) G.L. Sm.

- Notoligotrichum crispulum* (Hook.f. & Wilson)
G.L.Sm.
- Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
- Ochiobryum blandum* (Hook.f. & Wilson)
J.R.Spence & H.P.Ramsay
- Orthodontium lineare* Schwägr.
- Orthorrhynchium elegans* (Hook.f. & Wilson)
Reichardt
- Orthothecium strictum* Lorentz
- Orthotrichum assimile* Müll.Hal.
- Orthotrichum crassifolium* Hook.f. & Wilson
- Orthotrichum crassifolium* Hook.f. & Wilson subsp.
crassifolium
- Orthotrichum cupulatum* Brid.
- Orthotrichum hortense* Bosw.
- Orthotrichum rupestre* Schwägr.
- Orthotrichum rupestre* Schwägr. var. *rupestre*
- Orthotrichum tasmanicum* Hook.f. & Wilson
- Orthotrichum tasmanicum* Hook.f. & Wilson var.
tasmanicum
- Pachyschistochila altissima* (E.A.Hodgs.)
R.M.Schust. & J.J.Engel
- Pachyschistochila altissima* (E.A.Hodgs.)
R.M.Schust. & J.J.Engel subsp. *altissima*
- Pachyschistochila parvistipula* (Rodway)
R.M.Schust. & J.J.Engel
- Pachyschistochila succulenta* J.J.Engel &
R.M.Schust.
- Pachyschistochila trispiralis* (R.M.Schust.)
R.M.Schust. & J.J.Engel
- Palamocladium leskeoides* (Hook.) E.Britton
- Pallavicinia lyellii* (Hook.) Gray
- Pallavicinia rubristipa* Schiffrn.
- Pallavicinia xiphoides* (Hook.f. & Taylor) Trevis.
- Papillaria crocea* (Hampe) A.Jaeger
- Papillaria flavolimbata* (Müll.Hal. & Hampe)
A.Jaeger
- Papillaria flexicaulis* (Wilson) A.Jaeger
- Papillaria leuconeura* (Müll.Hal.) A.Jaeger
- Papillaria nitens* (Hook.f. & Wilson) Sainsbury
- Pedinophyllum monoicum* (Steph.) Grolle
- Pendulothecium punctatum* (Hook.f. & Wilson)
Enroth & S.He
- Petalophyllum preissii* Lehm.
- Phaeoceros carolinianus* (Michx.) Prosk.
- Phaeomegaceros hirticalyx* (Steph.) R.J.Duff,
J.C.Villarreal, Cargill & Renzaglia
- Philonotis pyriformis* (R.Br.bis) Wijk & Margad.
- Philonotis scabrifolia* (Hook.f. & Wilson) Braithw.
- Philonotis tenuis* (Taylor) Reichardt
- Physcomitridium readeri* (Müll.Hal.) G.Roth.
- Physcomitrium pusillum* Hook.f. & Wilson
- Plagiochasma rupestre* (J.R.Forst. & G.Forst.)
Steph.
- Plagiochila alta* Steph.
- Plagiochila banksiana* Gottsche
- Plagiochila banksiana* Gottsche var. *banksiana*
- Plagiochila baylisii* Inoue & R.M.Schust.
- Plagiochila bazzanioides* J.J.Engel & G.L.Merr.
- Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
- Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
var. *circinalis*
- Plagiochila fasciculata* Lindenb.
- Plagiochila fragmentissima* Inoue & R.M.Schust.
- Plagiochila fuscella* (Hook.f. & Taylor) Gottsche,
Lindenb. & Nees
- Plagiochila fuscella* (Hook.f. & Taylor) Gottsche,
Lindenb. & Nees var. *fuscella*
- Plagiochila hartziana* Pearson
- Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche,
Lindenb. & Nees
- Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche,
Lindenb. & Nees var. *incurvicolla*
- Plagiochila intertexta* Hook.f. & Taylor
- Plagiochila pacifica* Mitt.
- Plagiochila spinulosa* (Dicks.) Dumort.
- Plagiochila stephensoniana* Mitt.
- Plagiochila strombifolia* Taylor ex Lehm.
- Plagiochila subfasciculata* Colenso
- Plagiomnium novae-zealandiae* (Colenso) T.J.Kop.
- Plagiopus oederiana* (Sw.) H.A.Crum &
L.E.Anderson
- Plagiothecium lamprostachys* (Hampe) A.Jaeger
- Platyhypnidium austrinum* (Hook.f. & Wilson)
M.Fleisch.
- Pleuridium arnoldii* (R.Br.bis) Paris
- Pleuridium nervosum* (Hook.) Mitt.
- Pleuridium subulatum* (Hedw.) Rabenh.
- Podomitrium phyllanthus* (Hook.) Mitt.
- Pogonatum subulatum* (Brid.) Brid.
- Pohlia cruda* (Hedw.) Lindb.
- Pohlia elongata* Hedw.
- Pohlia nutans* (Hedw.) Lindb.
- Pohlia tenuifolia* (A.Jaeger) Broth.
- Pohlia wahlenbergii* (F.Weber & D.Mohr)
A.L.Andrews
- Polytrichadelphus magellanicus* (Hedw.) Mitt.
- Polytrichastrum alpinum* (Hedw.) G.L.Sm.
- Polytrichastrum longisetum* (Brid.) G.L.Sm.
- Polytrichum commune* Hedw.
- Polytrichum formosum* Hedw.
- Polytrichum juniperinum* Hedw.
- Porella elegantula* (Mont.) E.A.Hodgs.
- Porothamnium baculiferum* (Dixon) Broth.
- Protolophozia androgyna* R.M.Schust. ex Váňa et
L.Söderstr.
- Protolophozia herzogiana* (E.A.Hodgs. & Grolle)
Váňa & L.Söderstr.
- Pseudocephalozia paludicola* R.M.Schust.
- Pseudocrossidium crinitum* (Schultz) R.H.Zander
- Pseudoleskea imbricata* (Hook.f. & Wilson) Broth.
- Pseudomarsupidium piliferum* (Steph.) Herzog ex
Grolle
- Pseudotaxiphyllum distichaceum* (Mitt.) Z.Iwats.
- Psiloclada clandestina* Mitt.
- Psiloclada clandestina* Mitt. subsp. *clandestina*
- Pterygoneurum macleanum* Warnst.
- Ptilidium ciliare* (L.) Hampe
- Ptychomitrium australe* (Hampe) A.Jaeger
- Ptychomnion aciculare* (Brid.) Mitt.
- Ptychomnion densifolium* (Brid.) A.Jaeger
- Pulchrinodus inflatus* (Hook.f. & Wilson) B.H.Allen
- Pyrrhobryum bifarium* (Hook.) Manuel
- Pyrrhobryum mnioides* (Hook.) Manuel
- Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. &
Wilson) Fife

- Pyrrhobryum paramattense* (Müll.Hal.) Manuel
Racomitrium crispulum (Hook.f. & Wilson) Hook.f. & Wilson
Racomitrium didymum (Mont.) Lorentz
Racomitrium elongatum Frisvoll
Racomitrium lanuginosum (Hedw.) Brid.
Racomitrium pruinosum (Hook.f. & Wilson) Müll.Hal.
Racomitrium ptychophyllum (Mitt.) Mitt.
Racomitrium striatipilum Cardot
Racopilum cuspidigerum (Schwägr.) Ångstr.
Racopilum cuspidigerum var. *convolutaceum* (Müll.Hal.) Zanten & Dijkstra
Radula acutiloba Steph.
Radula aneurismalis (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
Radula australiana K.Yamada
Radula compacta Castle
Radula demissa M.A.M.Renner
Radula javanica Gottsche, Lindenb. & Nees
Radula multiamentula E.A.Hodgs.
Radula novae-hollandiae Hampe
Radula physoloba Mont.
Radula ratkowskiana K.Yamada
Radula sainsburiana E.A.Hodgs. & Allison
Radula strangulata Hook.f. & Taylor
Radula tasmanica Steph.
Radula weymouthiana Steph.
Reboulia hemisphaerica (L.) Raddi
Rhacocarpus purpurascens (Brid.) Paris
Rhaphidorrhynchium amoenum (Hedw.) M.Fleisch.
Rhizogonium distichum (Sw.) Brid.
Rhizogonium novae-hollandiae (Brid.) Brid.
Rhizogonium pennatum Hook.f. & Wilson
Rhynchostegium laxatum (Mitt.) Paris
Rhynchostegium muriculatum (Hook.f. & Wilson) Reichardt
Rhynchostegium tenuifolium (Hedw.) Reichardt
Riccardia aequicellularis (Steph.) Hewson
Riccardia alcicornis (Hook.f. & Taylor) Trevis.
Riccardia bipinnatifida (Colenso) Hewson
Riccardia cochleata (Hook.f. & Taylor) Kuntze
Riccardia colensoi (Steph.) W.Martin
Riccardia crassa (Schwägr.) C.Massal.
Riccardia ericaula (Hook.) C.Massal.
Riccardia lobulata (Colenso) E.A.Hodgs.
Riccardia nitida (Colenso) E.A.Hodgs.
Riccardia pusilla (Steph.) E.A.Br.
Riccia bullosa Link
Riccia cartilaginosa Steph.
Riccia cavernosa Hoffm.
Riccia crozalsii Levier
Riccia fluitans L.
Riccia nigrella DC.
Riccia rorida Na-Thalang
Riccia sorocarpa Bisch.
Riccia spongiosula Na-Thalang
Ricciocarpos natans (L.) Corda
Rosulabryum billardierei (Schwägr.) J.R.Spence
Rosulabryum campylothecium (Taylor) J.R.Spence
Rosulabryum capillare (Hedw.) J.R.Spence
Rosulabryum microrhodon (Müll.Hal.) J.R.Spence
Rosulabryum perlimbatum (Cardot) Ochyra
Rosulabryum subtomentosum (Hampe) J.R.Spence
Saccogynidium australe (Mitt.) Grolle
Saccogynidium decurvum (Mitt.) Grolle
Saelania glaucescens (Hedw.) Bom. & Broth.
Sanionia uncinata (Hedw.) Loeske
Sauloma tenella (Hook.f. & Wilson) Mitt.
Scapania nemorosa (L.) Dumort.
Scapania undulata (L.) Dumort.
Schistidium apocarpum (Hedw.) Bruch & Schimp.
Schistidium rivulare (Brid.) Podp.
Schistidium rivulare (Brid.) Podp. var. *rivulare*
Schistochila balfouriana (Hook.f. & Taylor) Steph.
Schistochila lehmanniana (Lehm. & Lindenb.) Carrington & Pearson
Schistochila pseudociliata R.M.Schust.
Sciadocladus menziesii (Hook.) Broth.
Sclerodontium pallidum (Hook.) Schwägr.
Sclerodontium pallidum (Hook.) Schwägr. subsp. *pallidum*
Scorpidium cossonii (Schimp.) Hedenäs
Scorpiurium cucullatum (Mitt.) Hedenäs
Seligeria cardotii R.Br.bis
Sematophyllum homomallum (Hampe) Broth.
Sematophyllum jolliffii (Mitt.) Dixon
Sematophyllum subhumile (Müll.Hal.) M.Fleisch.
Sematophyllum subhumile var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay
Sematophyllum uncinatum I.G.Stone & G.A.M.Scott
Seppeltia succuba Grolle
Siphonolejeunea bidentata (B.M.Thiers) M.A.M.Renner
Siphonolejeunea conchophylla (Grolle) M.A.M.Renner
Siphonolejeunea hamata (Grolle) M.A.M.Renner
Siphonolejeunea nudipes (Hook.f. & Taylor) Herzog
Siphonolejeunea nudipes (Hook.f. & Taylor) Herzog var. *nudipes*
Siphonolejeunea olgae R.M.Schust.
Solenostoma inundatum (Hook.f. & Taylor) Mitt. ex Steph.
Solenostoma orbiculatum (Colenso) R.M.Schust.
Sphagnum australe Mitt.
Sphagnum compactum DC.
Sphagnum cristatum Hampe
Sphagnum falciculatum Besch.
Sphagnum novo-zelandicum Mitt.
Sphagnum perichaetiale Hampe
Sphagnum squarrosum Crome
Spruceanthus planiuscula (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.
Stolonivector obtusilobus J.J.Engel
Straminergon stramineum (Brid.) Hedenäs
Symphyogyna hymenophyllum (Hook.) Mont. & Nees
Symphyogyna subsimplex Mitt.
Symphysodontella cylindracea (Mont.) M.Fleisch.
Syntrichia anderssonii (Ångstr.) R.H.Zander
Syntrichia antarctica (Hampe) R.H.Zander
Syntrichia laevipila Brid.
Syntrichia lithophila (Dusén) Ochyra & R.H. Zander
Syntrichia papillosa (Wilson ex Spruce) Jur.
Syntrichia phaea (Hook.f. & Wilson) R.H.Zander
Syntrichia rubra (Mitt.) R.H.Zander

- Syntrichia ruralis* (Hedw.) F.Weber & D.Mohr
Syntrichia serrata (Dixon) R.H.Zander
Syrrhopodon armatus Mitt.
Syzygiella acinacifolia (Hook.f. & Taylor)
 K.Feldberg, Váňa, Hentschel & Heinrichs
Syzygiella colorata (Lehm.) K.Feldberg, Váňa,
 Hentschel & Heinrichs
Syzygiella sonderi (Gottsche) K.Feldberg, Váňa,
 Hentschel & Heinrichs
Syzygiella tasmanica (Hook.f. & Taylor) K.Feldberg,
 Váňa, Hentschel & Heinrichs
Syzygiella teres (Carrington & Pearson) Váňa
Targionia hypophylla L.
Tayloria callophylla (Müll.Hal.) Mitt.
Tayloria octoblepharum (Hook.) Mitt.
Tayloria tasmanica (Hampe) Broth.
Telaranea herzogii (E.A.Hodgs.) E.A.Hodgs.
Telaranea inaequalis R.M.Schust. ex J.J.Engel &
 G.L.Merr.
Temnoma palmatum (Pearson) R.M.Schust.
Temnoma palmatum (Pearson) R.M.Schust. var.
 palmatum
Temnoma quadripartitum (Hook.) Mitt.
Temnoma quadripartitum (Hook.) Mitt. var.
 quadripartitum
Temnoma quadripartitum var. *randii* (S.W.Arnell)
 R.M.Schust.
Tetracymbaliella decipiens (Gottsche) Grolle
Tetraphidopsis pusilla (Hook.f. & Wilson) Dixon
Tetrodontium brownianum (Dicks.) Schwägr.
Thamnobryum pandum (Hook.f. & Wilson)
 I.G.Stone & G.A.M.Scott
Thamnobryum pumilum (Hook.f. & Wilson) B.C.Tan
Thuidiopsis furfurosa (Hook.f. & Wilson) M.Fleisch.
Thuidiopsis sparsa (Hook.f. & Wilson) Broth.
Thuidium cymbifolium (Dozy & Molk.) Dozy & Molk.
Thuidium laeviusculum (Mitt.) A.Jaeger
Thysananthus spathulistipus (Reinw., Blume &
 Nees) Lindenb.
Timmia norvegica J.E.Zetterst.
Tortella cirrhata Broth.
Tortella flavovirens (Bruch) Broth.
Tortella fragilis (Hook. & Wilson) Limpr.
Tortella knightii (Mitt.) Broth.
Tortula atrovirens (Sm.) Lindb.
Tortula muralis Hedw.
Tortula splachnoides (Hornsch.) R.H.Zander
Trachyloma diversinerve Hampe
Trachyloma planifolium (Hedw.) Brid.
Trematodon flexipes Mitt. ex Hook.f. & Wilson
Trematodon mackayi (R.Br.bis) Broth.
Trematodon suberectus Mitt.
Treubia lacunosa (Colenso) Prosk.
Triandrophyllum subtrifidum (Hook.f. & Taylor)
 Fulford & Hatcher
Triandrophyllum subtrifidum (Hook.f. & Taylor)
 Fulford & Hatcher var. *subtrifidum*
Trichocolea hatcheri E.A.Hodgs.
Trichocolea mollissima (Hook.f. & Taylor) Gottsche
Trichocolea rigida R.M.Schust.
Tricholepidozia pulcherrima (Steph.) E.D.Cooper
Trichostomum brachydontium Bruch
Trichostomum tenuirostre (Hook. & Taylor) Lindb.
Trichotemnoma corrugatum (Steph.) R.M.Schust.
Tridontium tasmanicum Hook.f.
Triquetrella papillata (Hook.f. & Wilson) Broth.
Triquetrella tasmanica (Broth.) Granzow
Tritomaria exsecta (Schmidel ex Schrad.) Loeske
Ulota lutea (Mitt. in Wilson) Mitt.
Ulota membranata Malta
Ulota viridis Venturi
Verdoornia succulenta R.M.Schust.
Vesicularia inflectens (Brid.) Müll.Hal.
Warburgiella leucocyta (Müll.Hal.) B.C.Tan,
 W.B.Schofield & H.P.Ramsay
Warnstorfia fluitans (Hedw.) Loeske
Warnstorfia sarmentosa (Wahlenb.) Hedenäs
Weissia austrocrispa (Beckett) I.G.Stone
Weissia controversa Hedw.
Weissia controversa Hedw. var. *controversa*
Weissia controversa var. *gymnostoma* Sainsbury
Weymouthia cochlearifolia (Schwägr.) Dixon
Weymouthia mollis (Hedw.) Broth.
Wijkia extenuata (Brid.) H.A.Crum
Wijkia extenuata var. *caudata* Fife
Wijkia extenuata (Brid.) H.A.Crum var. *extenuata*
Willia calobolax (Müll.Hal.) Lightowlers
Wilsoniella blindioides (Broth.) Sainsbury
Zoopsidella caledonica (Steph.) R.M.Schust.
Zoopsis argentea (Hook.f. & Taylor) Gottsche,
 Lindenb. & Nees
Zoopsis argentea (Hook.f. & Taylor) Gottsche,
 Lindenb. & Nees var. *argentea*
Zoopsis leitgebiana (Carrington & Pearson) Bastow
Zoopsis setulosa Leitg.
Zygodon gracillimus M.Fleisch.
Zygodon hookeri Hampe
Zygodon intermedius Bruch & Schimp.
Zygodon menziesii (Schwägr.) Arn.
Zygodon minutus Müll.Hal. & Hampe
Zygodon rufescens (Hampe) Broth.
- Naturalised**
Aulacomnium palustre (Hedw.) Schwägr.
Barbula convoluta Hedw.
Barbula unguiculata Hedw.
Brachythecium albicans (Hedw.) Schimp.
Brachythecium campestre (Müll.Hal.) Schimp.
Brachythecium velutinum (Hedw.) Schimp.
Bryum rubens Mitt.
Bryum ruderales Crundw. & Nyholm
Bryum tenuisetum Limpr.
Calliargonella cuspidata (Hedw.) Loeske
Chenia leptophylla (Müll.Hal.) R.H.Zander
Climacium dendroides (Hedw.) F.Weber & D.Mohr
Dicranella heteromalla (Hedw.) Schimp.
Eccremidium minutum (Mitt.) I.G.Stone &
 G.A.M.Scott
Ephemerum serratum (Hedw.) Hampe
Ephemerum sessile (Bruch) Müll.Hal.
Eurhynchium praelongum (Hedw.) Schimp.
Eurhynchium pulchellum (Hedw.) Jenn.
Eurhynchium speciosum (Brid.) Jur.
Fissidens bryoides Hedw.
Fissidens dubius P.Beauv.
Fissidens exilis Hedw.

Fissidens taxifolius Hedw.
Leptobryum pyriforme (Hedw.) Wilson
Lunularia cruciata (L.) Dumort ex Lindb.
Marchantia polymorpha L. subsp. *polymorpha*
Marchantia polymorpha subsp. *ruderalis* Bischl. &
Boissel.-Dub.
Micromitrium tenerum (Bruch & Schimp.) Crosby
Physcomitrium pyriforme (Hedw.) Hampe
Pohlia annotina (Hedw.) Lindb.
Pohlia camptotrachela (Renauld & Cardot) Broth.
Pseudephemerum nitidum (Hedw.) Loeske
Pseudocrossidium hornschurchianum (Schultz)
R.H.Zander
Pseudoscleropodium purum (Hedw.) M.Fleisch.
Pterygoneurum ovatum (Hedw.) Dixon
Rhytidiadelphus squarrosus (Hedw.) Warnst.
Rhytidiadelphus triquetrus (Hedw.) Warnst.
Riccia bifurca Hoffm.
Riccia ciliata Hoffm.
Riccia crystallina L.
Riccia glauca L.
Scleropodium touretii (Brid.) L.F.Koch
Sphagnum subnitens Russow & Warnst.
Tortula acaulon (With.) R.H.Zander
Tortula marginata (Bruch & Schimp.) Spruce
Tortula mucronifolia Schwägr.
Tortula truncata (Hedw.) Mitt.
Trichodon cylindricus (Hedw.) Schimp.

Present, origin uncertain

Fissidens curvatus Hornsch. var. *curvatus*

Alphabetic Checklist

- [22] *Acanthocladium* Mitt. = *Wijkia* H.A.Crum
 [22] *Acanthocladium crinitum* (Hook.f. & Wilson) Broth. ex Paris = *Wijkia extenuata* (Brid.) H.A.Crum
 [22] *Acanthocladium extenuatum* (Brid.) Mitt. = *Wijkia extenuata* (Brid.) H.A.Crum
 [34] *Acaulon* Müll.Hal.
 [34] *Acaulon apiculatum* Mitt. = *Acaulon integrifolium* Müll.Hal.
 [34] *Acaulon integrifolium* Müll.Hal.
 [15] *Achrophyllum* Vitt & Crosby
 [15] *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Achrophyllum quadrifarum* (Sm.) Vitt & Crosby
 [45] *Acolea* Dumort. = *Gymnomitrium* Corda
 [47] *Acolea acinacifolia* (Hook.f. & Taylor) Trevis. = *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg, Vána, Hentschel & Heinrichs
 [44] *Acolea atropicillata* (Hook.f. & Taylor) Steph. = *Herzogobryum atropicillum* (Hook.f. & Taylor) Grolle
 [45] *Acolea cuspidata* (Berggr.) Steph. = *Gymnomitrium incompletum* (Gottsche) R.M.Schust. ex Vána
 [55] *Acolea lutescens* (Lehm. & Lindenb.) Trevis. = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [41] *Acolea magellanica* C.Massal. & Steph. = *Syzygiella teres* (Carrington & Pearson) Vána
 [45] *Acolea stricta* (Berggr.) R.M.Schust. = *Gymnomitrium strictum* (Berggr.) R.M.Schust.
 [40] *Acrobolbaceae* E.A.Hodgs.
 [40] *Acrobolbus* Nees
 [42] *Acrobolbus aequaelobus* E.A.Hodgs. = *Chandonanthus squarrosus* (Hook.) Schiffn.
 [40] *Acrobolbus cinerascens* (Lehm. & Lindenb.) Bastow
 [40] *Acrobolbus cinerascens* (Lehm. & Lindenb.) Bastow var. *cinerascens*
 [40] *Acrobolbus cinerascens* var. *marginatus* J.J.Engel
 [40] *Acrobolbus concinnus* (Mitt.) Grolle
 [40] *Acrobolbus epiphytus* (Colenso) Briscoe
 [40] *Acrobolbus knightii* (Mitt.) Briscoe
 [40] *Acrobolbus lophocoleoides* (Mitt.) Schiffn.
 [40] *Acrobolbus lophocoleoides* (Mitt.) Mitt. = *Acrobolbus lophocoleoides* (Mitt.) Schiffn.
 [40] *Acrobolbus ochrophyllus* (Hook.f. & Taylor) R.M.Schust.
 [40] *Acrobolbus papillosus* (J.J.Engel & Glenny) Briscoe
 [40] *Acrobolbus perpusillus* (Colenso) Briscoe
 [40] *Acrobolbus perpusillus* var. *denticulatus* (J.J.Engel & Glenny) Briscoe
 [40] *Acrobolbus perpusillus* (Colenso) Briscoe var. *perpusillus*
 [40] *Acrobolbus plagiochiloides* (J.J.Engel & Glenny) Briscoe
 [40] *Acrobolbus saccatus* (Hook.) Trevis.
 [40] *Acrobolbus setulosus* (Mitt.) Briscoe
 [40] *Acrobolbus spinifolius* R.M.Schust.
 [40] *Acrobolbus* subgen. *Marsupellopsis* Schniff. = *Acrobolbus* Nees
 [40] *Acrobolbus surculosus* (Nees) Trevis.
 [40] *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [40] *Acrobolbus tenellus* var. *diversifolius* (E.A.Hodgs.) Briscoe
 [40] *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis. var. *tenellus*
 [55] *Acrochila* R.M.Schust. = *Chiastocaulon* Carl
 [55] *Acrochila biserialis* (Lehm. & Lindenb.) Grolle = *Chiastocaulon biserialis* (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
 [20] *Acrocladium* Mitt.
 [20] *Acrocladium chlamydephyllum* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [17] *Acrocladium cuspidatum* (Hedw.) Lindb. = *Calliergonella cuspidata* (Hedw.) Loeske
 [18] *Acrocladium sarmentosum* (Wahlenb.) P.W.Richards & E.C.Wallace = *Warnstorfia sarmentosa* (Wahlenb.) Hedenäs
 [60] *Acrolejeunea* (Spruce) Schiffn.
 [60] *Acrolejeunea allisonii* Gradst.
 [60] *Acrolejeunea mollis* (Hook.f. & Taylor) Schiffn.
 [60] *Acrolejeunea pycnoclada* (Taylor) Schiffn.
 [60] *Acrolejeunea pycnoclada* (Taylor) Schiffn. var. *pycnoclada*
 [60] *Acrolejeunea securifolia* (Nees) Steph.
 [60] *Acrolejeunea securifolia* (Nees) Steph. subsp. *securifolia*
 [50] *Acrolepidozia* R.M.Schust. = *Telaranea* Schiffn.
 [45] *Acrolophozia* R.M.Schust.
 [45] *Acrolophozia pectinata* R.M.Schust.
 [46] *Acromastigum* A.Evans
 [46] *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46] *Acromastigum anisostomum* var. *minutum* E.A.Hodgs. = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46] *Acromastigum brachyphyllum* A.Evans = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46] *Acromastigum cavifolium* R.M.Schust.
 [46] *Acromastigum colensoanum* (Mitt.) A.Evans
 [46] *Acromastigum cunninghamii* (Steph.) A.Evans
 [46] *Acromastigum divaricatum* (Nees) A.Evans
 [46] *Acromastigum interstisiale* E.A.Br. & M.A.M.Renner
 [46] *Acromastigum marginatum* E.A.Hodgs.
 [46] *Acromastigum mooreanum* (Steph.) E.A.Hodgs.
 [46] *Acromastigum verticale* (Steph.) E.A.Hodgs.
 [42] *Acrosyphella* N.Kitag. & Grolle
 [42] *Acrosyphella nitidissima* (R.M.Schust.) N.Kitag. & Grolle = *Acrosyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle
 [42] *Acrosyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle
 [42] *Acrosyphus* N.Kitag. = *Acrosyphella* N.Kitag. & Grolle
 [42] *Acrosyphus nitidissimus* R.M.Schust. = *Acrosyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle
 [42] *Acrosyphus phoenicorhizus* (Grolle) R.M.Schust. & J.J.Engel = *Acrosyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle

- [41] **Adelanthaceae** Mitt.
 [41] **Adelanthus** Mitt.
 [41] *Adelanthus bisetulus* (Steph.) Grolle = *Pseudomarsupidium piliferum* (Steph.) Herzog ex Grolle
 [41] *Adelanthus capillaris* (Berggr.) E.A.Hodgs. = *Adelanthus falcatus* (Hook.) Mitt.
 [41] **Adelanthus falcatus** (Hook.) Mitt.
 [41] *Adelanthus gemmiparus* (R.M.Schust.) E.A.Hodgs.
 [41] *Adelanthus humilis* Steph. = *Pseudomarsupidium piliferum* (Steph.) Herzog ex Grolle
 [41] **Adelanthus oclusus** (Hook.f. & Taylor) Carrington
 [41] *Alicularia oclusa* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Adelanthus oclusus* (Hook.f. & Taylor) Carrington
 [21] **Alleniella** S.Olsson, Enroth & D.Quandt
 [21] *Alleniella brownii* (Dixon) S.Olsson, Enroth & D.Quandt = *Neckera laevigata* Hook.f. & Wilson
 [21] **Alleniella hymenodonta** (Müll.Hal.) S.Olsson, Enroth & D.Quandt
 [65] **Allisonia** Herzog
 [65] *Allisonia cockaynei* (Steph.) R.M.Schust.
 [65] *Allisonia moerckioides* Herzog = *Allisonia cockaynei* (Steph.) R.M.Schust.
 [65] **Allisoniaceae** Schljakov
 [43] **Allisoniella** E.A.Hodgs.
 [43] *Allisoniella nigra* (Rodway) R.M.Schust.
 [43] *Allisoniella nigra* (Rodway) R.M.Schust. f. *novaezelandiae*
 [43] *Allisoniella nigra* f. *subobtusa* R.M.Schust.
 [43] *Allisoniella nigra* (Rodway) R.M.Schust. subsp. *nigra*
 [43] *Allisoniella nigra* subsp. *novaezelandiae* R.M.Schust.
 [43] *Allisoniella nigra* var. *acutiloba* J.J.Engel
 [43] *Allisoniella obcordata* E.A.Hodgs. = *Allisoniella nigra* subsp. *novaezelandiae* R.M.Schust.
 [43] *Allisoniella recurva* R.M.Schust.
 [43] *Allisoniella scottii* (R.M.Schust.) R.M.Schust.
 [34] **Aloina** Kindb.
 [34] *Aloina ambigua* (Bruch & Schimp.) Limpr.
 [34] *Aloina bifrons* (De Not.) Delgad.
 [34] *Aloina sullivaniana* (Müll.Hal.) Broth. = *Aloina bifrons* (De Not.) Delgad.
 [17] **Amblystegiaceae** Kindb.
 [17] **Amblystegium** Schimp.
 [17] *Amblystegium brachiatum* (Mitt.) Broth. = *Drepanocladus brachiatus* (Mitt.) Dixon
 [17] *Amblystegium filicinum* (Hedw.) De Not. = *Cratoneuron filicinum* (Hedw.) Spruce
 [17] *Amblystegium intermedium* Lindb. = *Scorpidium cossonii* (Schimp.) Hedenäs
 [17] *Amblystegium polygamum* Schimp. = *Campyliadelphus polygamus* (Schimp.) Kanda
 [17] *Amblystegium riparium* (Hedw.) Schimp. = *Leptodictyum riparium* (Hedw.) Warnst.
 [17] *Amblystegium riparium* var. *debilinerve* Dixon & Sainsbury = *Leptodictyum riparium* (Hedw.) Warnst.
 [17] *Amblystegium serpens* (Hedw.) Schimp.
 [17] *Amblystegium* subgen. *Leptodictyum* Schimp. = *Leptodictyum* (Schimp.) Warnst.
 [17] *Amblystegium varium* (Hedw.) Lindb.
 [32] **Amphidium** Schimp.
 [32] *Amphidium cyathicarpum* (Mont.) Broth.
 [32] *Amphidium lapponicum* (Hedw.) Schimp.
 [53] *Amphilophocolea* R.M.Schust. = *Heteroscyphus* Schiffn.
 [53] *Amphilophocolea sciaphila* R.M.Schust. = *Heteroscyphus knightii* (Steph.) Grolle
 [32] *Amphidium lapponicum* (Hedw.) Schimp. = *Amphidium lapponicum* (Hedw.) Schimp.
 [35] *Anacalypta zealandiae* R.Br.bis = *Microbryum starckeanum* (Hedw.) R.H.Zander
 [42] **Anastrophyllaceae** L.Söderstr., De Roo & Hedd.
 [43] **Anastrophyllopsis** (R.M.Schust.) Vána & L.Söderstr.
 [43] *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Vána & L.Söderstr.
 [42] **Anastrophyllum** (Spruce) Schiffn.
 [42] *Anastrophyllum auritum* (Lehm.) Steph.
 [41] *Anastrophyllum monodon* (Taylor ex Lehm.) Steph. = *Cuspidatula monodon* (Taylor ex Lehm.) Steph.
 [42] *Anastrophyllum novaezelandiae* R.M.Schust. = *Anastrophyllum auritum* (Lehm.) Steph.
 [42] *Anastrophyllum papillosum* J.J.Engel & Braggins = *Schizophyllopsis papillosa* (J.J.Engel & Braggins) Vána & L.Söderstr.
 [43] *Anastrophyllum schismoides* (Mont.) Steph. = *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Vána & L.Söderstr.
 [43] *Anastrophyllum schismoides* var. *crassulum* J.J.Engel = *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Vána & L.Söderstr.
 [43] *Anastrophyllum schismoides* (Mont.) Steph. var. *schismoides* = *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Vána & L.Söderstr.
 [43] *Anastrophyllum* sect. *Anastrophyllopsis* R.M.Schust. = *Anastrophyllopsis* (R.M.Schust.) Vána & L.Söderstr.
 [43] *Anastrophyllum subcomplicatum* (Lehm. & Lindenb.) Steph. = *Anastrophyllopsis subcomplicata* (Lehm. & Lindenb.) Vána & L.Söderstr.
 [42] *Anastrophyllum* subgen. *Schizophyllum* R.M.Schust. = *Schizophyllopsis* Vána & L.Söderstr.
 [11] **Andreaea** Hedw.
 [11] **Andreaea acuminata** Mitt.
 [12] **Andreaea acutifolia** Hook.f. & Wilson
 [11] *Andreaea acutifolia* subsp. *acuminata* (Mitt.) Vitt = *Andreaea acuminata* Mitt.
 [12] **Andreaea alpina** Hedw.
 [12] **Andreaea amblyophylla** Müll.Hal. ex. Broth.
 [12] **Andreaea australis** F.Muell. ex Mitt.
 [12] *Andreaea cochlearifolia* Beckett = *Andreaea nitida* Hook.f. & Wilson
 [12] **Andreaea flabellata** Müll.Hal.
 [12] **Andreaea flexuosa** R.Br.bis
 [12] **Andreaea heinemannii** Hampe & Müll.Hal.
 [12] **Andreaea huttonii** R.Br.bis
 [12] **Andreaea microvaginata** Müll.Hal.
 [12] **Andreaea mutabilis** Hook.f. & Wilson

- [12] *Andreaea nitida* Hook.f. & Wilson
 [12] *Andreaea ovalifolia* R.Br.bis = *Andreaea nitida* Hook.f. & Wilson
 [12] *Andreaea schimperi* Dixon = *Andreaea mutabilis* Hook.f. & Wilson
 [12] *Andreaea subulata* Harv.
 [11] **Andreaeaceae** Dumort.
 [11] **Andreaeales**
 [11] **Andreopsida** Rothm.
 [55] **Andrewsianthus** R.M.Schust.
 [55] *Andrewsianthus confusus* (R.M.Schust.) R.M.Schust. = *Andrewsianthus perigonialis* (Hook.f. & Taylor) R.M.Schust.
 [55] *Andrewsianthus cuspidatus* R.M.Schust. = *Andrewsianthus marionensis* (S.W.Arnell) Grolle
 [55] *Andrewsianthus hodgsoniae* (R.M.Schust.) R.M.Schust ex J.J. Engel
 [55] *Andrewsianthus marionensis* (S.W.Arnell) Grolle
 [55] *Andrewsianthus perigonialis* (Hook.f. & Taylor) R.M.Schust.
 [55] *Andrewsianthus planifolius* J.J.Engel = *Andrewsianthus perigonialis* (Hook.f. & Taylor) R.M.Schust.
 [64] **Aneura** Dumort.
 [64] *Aneura aequicellularis* Steph. = *Riccardia aequicellularis* (Steph.) Hewson
 [64] *Aneura aequitexta* Steph. = *Riccardia aequitexta* (Steph.) E.A.Br.
 [64] *Aneura alba* Colenso = *Riccardia alba* (Colenso) E.A.Br.
 [64] *Aneura alterniloba* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Lobatiriccardia alterniloba* (Hook.f. & Taylor) Furuki
 [65] *Aneura australis* Hook.f. & Lév. = *Riccardia filicina* (Colenso) E.A.Hodgs.
 [64] *Aneura bipinnatifida* Colenso = *Riccardia bipinnatifida* (Colenso) Hewson
 [64] *Aneura colensoi* Steph. = *Riccardia colensoi* (Steph.) W.Martin
 [64] *Aneura coronopus* De Not. ex Steph. = *Lobatiriccardia coronopus* (De Not. ex Steph.) Furuki
 [64] *Aneura crispa* Colenso = *Riccardia alba* (Colenso) E.A.Br.
 [64] *Aneura effusa* Steph. = *Riccardia aequitexta* (Steph.) E.A.Br.
 [65] *Aneura filicina* Colenso = *Riccardia filicina* (Colenso) E.A.Hodgs.
 [64] *Aneura lobata* (Schiffn.) Steph. = *Lobatiriccardia coronopus* (De Not. ex Steph.) Furuki
 [64] *Aneura lobata* subsp. *australis* R.M.Schust. = *Lobatiriccardia coronopus* subsp. *australis* (R.M.Schust) Nebel, Preussing, Schäf.Verw. & D.Quandt
 [65] *Aneura marginata* Colenso = *Riccardia marginata* (Colenso) Pearson
 [65] *Aneura micropinna* Steph. = *Riccardia filicina* (Colenso) E.A.Hodgs.
 [65] *Aneura minima* (Carrington & Pearson) Steph. = *Riccardia lobulata* (Colenso) E.A.Hodgs.
 [65] *Aneura muscoides* Colenso = *Riccardia marginata* (Colenso) Pearson
 [65] *Aneura nitida* Colenso = *Riccardia nitida* (Colenso) E.A.Hodgs.
 [64] *Aneura novaguineensis* Hewson
 [64] *Aneura orbiculata* Colenso
 [65] *Aneura papulosa* Steph. = *Riccardia papulosa* (Steph.) E.A.Br.
 [65] *Aneura perpusilla* Colenso = *Riccardia lobulata* (Colenso) E.A.Hodgs.
 [64] *Aneura pinguis* (L.) Dumort.
 [65] *Aneura pusilla* Steph. = *Riccardia pusilla* (Steph.) E.A.Br.
 [64] *Aneura subaquatica* R.M.Schust. = *Lobatiriccardia subaquatica* (R.M.Schust.) Nebel
 [64] *Aneura vitiensis* Steph. = *Riccardia alba* (Colenso) E.A.Br.
 [64] **Aneuraceae** H.Klinggr.
 [34] **Anictangium** Hedw. = **Anoetangium** Schwägr.
 [16] *Anictangium bulbosum* Hedw. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [15] *Anictangium ciliatum* Hedw. = *Hedwigia ciliata* (Hedw.) P.Beauv.
 [15] *Anictangium humboldtii* Hook. = *Rhacocarpus purpurascens* (Brid.) Paris
 [32] *Anictangium lapponicum* Hedw. = *Amphidium lapponicum* (Hedw.) Schimp.
 [38] *Anictangium repens* Hook. = *Gigaspermum repens* (Hook.) Lindb.
 [23] *Anictangium setosum* Hedw. = *Cyrtopus setosus* (Hedw.) Hook.f.
 [28] *Anisothecium cardotii* (R.Br.bis) Ochyra = *Dicranella cardotii* (R.Br.bis) Dixon
 [29] *Anisothecium clathratum* (Hook.f. & Wilson) Broth. = *Dicranella vaginata* (Hook.) Cardot
 [29] *Anisothecium gracillimum* Beckett = *Dicranella gracillima* (Beckett) Paris
 [29] *Anisothecium vaginatum* (Hook.) Mitt. = *Dicranella vaginata* (Hook.) Cardot
 [34] **Anoetangium** Schwägr.
 [34] **Anoetangium aestivum** (Hedw.) Mitt.
 [34] *Anoetangium bellii* Dixon = *Anoetangium aestivum* (Hedw.) Mitt.
 [16] *Anoetangium bulbosum* (Hedw.) Schwaegr. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [34] *Anoetangium compactum* Schwägr. = *Anoetangium aestivum* (Hedw.) Mitt.
 [15] *Anoetangium humboldtii* var. *australe* Hook.f. & Wilson = *Rhacocarpus purpurascens* (Brid.) Paris
 [13] *Anomobryum densum* Dixon = *Bryum harriottii* R.Br.bis
 [13] *Anomobryum harriottii* (R.Br.bis) Dixon = *Bryum harriottii* R.Br.bis
 [18] *Anomodon huttonii* Mitt. = *Haplohymenium pseudotriste* (Müll.Hal.) Broth.
 [18] *Anomodon pseudotristes* (Müll.Hal.) Kindb. = *Haplohymenium pseudotriste* (Müll.Hal.) Broth.
 [37] *Anomodon tasmanicus* Broth. = *Triquetrella tasmanica* (Broth.) Granzow
 [18] **Anomodontaceae** Kindb.
 [42] **Anthelia** (Dumort.) Dumort.
 [42] **Anthelia juratzkana** (Limpr.) Trevis.
 [42] **Antheliaceae** R.M.Schust.
 [11] **Anthoceros** L.
 [11] *Anthoceros affinis* Schiffn. = *Phaeoceros carolinianus* (Michx.) Prosk.
 [11] *Anthoceros arachnoideus* Steph. = *Megaceros pellucidus* (Colenso) E.A.Hodgs.
 [11] *Anthoceros carolinianus* Michx. = *Phaeoceros carolinianus* (Michx.) Prosk.
 [11] *Anthoceros colensoi* Mitt. = *Nothoceros giganteus* (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar
 [11] *Anthoceros coriaceus* Steph. = *Phaeomegaceros coriaceus* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Anthoceros denticulatus* Lehm. = *Megaceros denticulatus* (Lehm.) Steph.
 [11] *Anthoceros giganteus* Lehm. & Lindenb. = *Nothoceros giganteus* (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar
 [11] *Anthoceros granulatus* Colenso = *Megaceros pellucidus* (Colenso) E.A.Hodgs.

- [11] *Anthoceros helmsii* Steph. = ***Anthoceros muscoides*** Colenso
 [17] *Anthoceros hirticalyx* (Steph.) Meijer = ***Phaeomegaceros hirticalyx*** (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] ***Anthoceros laminiferus*** Steph.
 [17] *Anthoceros longispinus* Carrington & Pearson = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] *Anthoceros membranaceus* Colenso = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] ***Anthoceros muscoides*** Colenso
 [11] *Anthoceros nostocoides* Pearson = ***Megaceros leptohymenius*** (Hook.f. & Taylor) Steph.
 [17] *Anthoceros pellucidus* Colenso = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] ***Anthocerotaceae*** Dumort.
 [11] ***Anthocerotales*** Limpr.
 [11] ***Anthocerotidae*** Rosenv.
 [11] ***Anthocerotophyta*** de Bary ex Jancz
 [11] ***Anthocerotopsida***
 [29] *Aongstroemia dietrichiae* Müll.Hal. = ***Dicranella dietrichiae*** (Müll.Hal.) A.Jaeger
 [28] *Aongstroemia euphoroclada* Müll.Hal. = ***Campylopodium capillaceum*** (Hook.f. & Wilson) Fife
 [30] *Aongstroemia rufoaurea* Hampe = ***Ditrichum rufoaureum*** (Hampe) J.H.Willis
 [28] *Aongstroemia* sect. *Campylopodium* Müll.Hal. = ***Campylopodium*** (Müll.Hal.) Besch.
 [28] *Aongstroemia* sect. *Dicranella* Müll.Hal. = ***Dicranella*** (Müll.Hal.) Schimp.
 [29] *Aongstroemia subredunca* Müll.Hal. = ***Dicranella schreberiana*** (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
 [67] *Aphanolejeunea grossepapillosa* Horik. = ***Cololejeunea grossepapillosa*** (Horik.) N.Kitag.
 [47] *Aplozia acroclada* Berggr. = ***Hygrolembidium acrocladum*** (Berggr.) R.M.Schust.
 [47] *Aplozia lacerata* Rodway = ***Hygrolembidium acrocladum*** (Berggr.) R.M.Schust.
 [59] *Aplozia victoriensis* Bibby = ***Solenostoma inundatum*** (Hook.f. & Taylor) Mitt. ex Steph.
 [50] *Arachniopsis* Spruce = ***Telaranea*** Schiffn.
 [50] *Arachniopsis herzogii* (E.A.Hodgs.) E.A.Hodgs. = ***Telaranea herzogii*** (E.A.Hodgs.) E.A.Hodgs.
 [16] *Arbusculohypopterygium* (Brid.) M.Stech., T. Pfeiff & W.Frey = ***Dendrohypopterygium*** Kruijer
 [57] ***Archeophylla*** R.M.Schust.
 [57] ***Archeophylla schusteri*** (E.A.Hodgs. & Allison) R.M.Schust.
 [16] *Archeophemeropsis* Renner = ***Ephemeropsis*** K.I.Goebel
 [16] *Archeophemeropsis trentepholioides* Renner = ***Ephemeropsis trentepholioides*** (Renner) Sainsbury
 [27] ***Archidiaceae*** Schimp.
 [27] ***Archidiales*** Limpr.
 [27] ***Archidium*** Brid.
 [27] ***Archidium elatum*** Dixon & Sainsbury
 [63] *Archilejeunea olivacea* (Hook.f. & Taylor) Steph. = ***Spruceanthus olivaceus*** (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [63] *Archilejeunea planiuscula* (Mitt.) Steph. = ***Spruceanthus planiuscula*** (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.
 [63] *Archilejeunea scutellata* (Taylor) Steph. = ***Spruceanthus olivaceus*** (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [34] ***Ardeuma*** R.H.Zander & Hedd.
 [34] ***Ardeuma recurvirostrum*** R.H.Zander & Hedd.
 [17] *Aspiromitus hirticalyx* Steph. = ***Phaeomegaceros hirticalyx*** (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [66] ***Asterella*** P.Beauv.
 [66] ***Asterella australis*** (Hook.f. & Taylor) Verd.
 [66] ***Asterella tenera*** (Mitt.) R.M.Schust.
 [37] *Astomum austrocrispum* (Beckett) Broth. = ***Weissia austrocrispa*** (Beckett) I.G.Stone
 [18] *Astrodontium sericeum* A.Jaeger = ***Palamocladium leskeoides*** (Hook.) E.Britton
 [38] ***Atrichum*** P.Beauv.
 [38] ***Atrichum androgynum*** (Müll.Hal.) A.Jaeger
 [38] *Atrichum ligulatum* (Mitt.) Mitt. = ***Atrichum androgynum*** (Müll.Hal.) A.Jaeger
 [26] ***Aulacomniaceae*** Schimp.
 [26] ***Aulacomnium*** Schwägr.
 [26] ***Aulacomnium palustre*** (Hedw.) Schwägr.
 [26] *Aulacomnium stolonaceum* Müll.Hal. = ***Aulacomnium palustre*** (Hedw.) Schwägr.
 [31] *Aulacopilum* Wilson = ***Erpodium*** (Brid.) Müll.Hal.
 [31] *Aulacopilum glaucum* Wilson = ***Erpodium glaucum*** (Wilson) I.G.Stone
 [65] *Austrofossombronia australis* (Mitt.) R.M.Schust. = ***Fossombronia australis*** Mitt.
 [20] ***Austrohondaella*** Z.Iwats., H.P.Ramsay & Fife
 [20] ***Austrohondaella limata*** (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
 [63] *Austrolejeunea* (R.M.Schust.) R.M.Schust. = ***Siphonolejeunea*** Herzog
 [63] *Austrolejeunea bidentata* B.M.Thiers = ***Siphonolejeunea bidentata*** (B.M.Thiers) M.A.M.Renner
 [63] *Austrolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner = ***Siphonolejeunea carcharias*** (M.A.M.Renner) M.A.M.Renner
 [63] *Austrolejeunea fragilis* (R.M.Schust.) R.M.Schust. = ***Siphonolejeunea fragilis*** (R.M.Schust.) M.A.M.Renner
 [63] *Austrolejeunea hispida* R.M.Schust. = ***Siphonolejeunea hispida*** (R.M.Schust.) M.A.M.Renner
 [63] *Austrolejeunea nudipes* (Hook.f. & Taylor) Grolle = ***Siphonolejeunea nudipes*** (Hook.f. & Taylor) Herzog
 [63] *Austrolejeunea olgae* (R.M.Schust.) R.M.Schust. = ***Siphonolejeunea olgae*** R.M.Schust.
 [63] *Austrolejeunea secunda* M.A.M.Renner = ***Siphonolejeunea secunda*** (M.A.M.Renner) M.A.M.Renner
 [41] ***Austrolophozia*** R.M.Schust.
 [41] ***Austrolophozia paradoxa*** R.M.Schust.
 [65] *Austrometzgeria saccata* (Mitt.) Kuwah. = ***Metzgeria saccata*** Mitt.
 [42] *Austroscyphus* R.M.Schust. = ***Acroscyphella*** N.Kitag. & Grolle
 [42] *Austroscyphus nitidissimus* (R.M.Schust.) R.M.Schust. = ***Acroscyphella phoenicorhiza*** (Grolle) N.Kitag. & Grolle
 [42] *Austroscyphus phoenicorhizus* (Grolle) R.M.Schust. = ***Acroscyphella phoenicorhiza*** (Grolle) N.Kitag. & Grolle
 [67] *Aytonia rupestris* J.R.Forst. & G.Forst. = ***Plagiochasma rupestre*** (J.R.Forst. & G.Forst.) Steph.
 [66] ***Aytoniaceae*** Cavers
 [42] ***Balantiopsidaceae*** H.Buch.
 [42] ***Balantiopsis*** Mitt.
 [42] *Balantiopsis aequiloba* Berggr. = ***Balantiopsis convexiuscula*** Berggr.
 [42] ***Balantiopsis convexiuscula*** Berggr.
 [42] ***Balantiopsis diplophylla*** (Hook.f. & Taylor) Mitt.
 [42] ***Balantiopsis diplophylla*** (Hook.f. & Taylor) Mitt. var. *diplophylla*

- [42] *Balantiopsis diplophylla* var. *hockenii* (Berggr.) J.J.Engel & G.L.Merr.
 [42] *Balantiopsis glandulifera* Colenso = *Balantiopsis montana* (Colenso) J.J.Engel & G.L.Merr.
 [42] *Balantiopsis knightii* Mitt. = *Balantiopsis diplophylla* var. *hockenii* (Berggr.) J.J.Engel & G.L.Merr.
 [42] *Balantiopsis lingulata* R.M.Schust.
 [42] *Balantiopsis montana* (Colenso) J.J.Engel & G.L.Merr.
 [42] *Balantiopsis rosea* Berggr.
 [42] *Balantiopsis tumida* Berggr.
 [42] *Balantiopsis verrucosa* J.J.Engel & G.L.Merr.
 [21] *Barbella nitens* (Hook.f. & Wilson) Nog. = *Papillaria nitens* (Hook.f. & Wilson) Sainsbury
 [34] *Barbula* Hedw.
 [34] *Barbula ambigua* Bruch & Schimp. = *Aloina ambigua* (Bruch & Schimp.) Limpr.
 [36] *Barbula antarctica* Hampe = *Syntrichia antarctica* (Hampe) R.H.Zander
 [35] *Barbula arenae* Besch. = *Henediella arenae* (Besch.) R.H.Zander
 [35] *Barbula australasiae* (Hook. & Grev.) Brid. = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [36] *Barbula austroalpina* Müll.Hal. = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [36] *Barbula breviseta* Müll.Hal. & Hampe = *Syntrichia papillosa* (Wilson ex Spruce) Jur.
 [36] *Barbula brevisetacea* Hampe ex F.Muell. = *Syntrichia papillosa* (Wilson ex Spruce) Jur.
 [37] *Barbula calobolax* Müll.Hal. = *Willia calobolax* (Müll.Hal.) Lightowlers
 [34] *Barbula calycina* Schwägr.
 [34] *Barbula convoluta* Hedw.
 [35] *Barbula crinita* Schultz = *Pseudocrossidium crinitum* (Schultz) R.H.Zander
 [35] *Barbula crispifolia* (Mitt.) A.Jaeger = *Didymodon torquatus* (Taylor) Catches.
 [36] *Barbula fristedtii* Müll.Hal. = *Tortella flavovirens* (Bruch) Broth.
 [35] *Barbula hornschuchiana* Schultz = *Pseudocrossidium hornschuchianum* (Schultz) R.H.Zander
 [37] *Barbula imshaugii* Vitt = *Trichostomum imshaugii* (Vitt) R.H.Zander
 [37] *Barbula marginata* Bruch & Schimp. = *Tortula marginata* (Bruch & Schimp.) Spruce
 [34] *Barbula mnioides* Schwägr. = *Calyptopogon mnioides* (Schwägr.) Broth.
 [36] *Barbula pagorum* Milde = *Syntrichia laevipila* Brid.
 [34] *Barbula pseudopilifera* var. *obscura* (Dixon) Sainsbury = *Barbula unguiculata* Hedw.
 [36] *Barbula ruralis* Hedw. = *Syntrichia ruralis* (Hedw.) F.Weber & D.Mohr
 [34] *Barbula* sect. *Erythrophyllum* Lindb. = *Bryoerythrophyllum* P.C.Chen
 [36] *Barbula* sect. *Tortella* Müll.Hal. = *Tortella* (Müll.Hal.) Limpr.
 [36] *Barbula stevensii* (R.Br.bis) Paris = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [34] *Barbula sullivani* Müll.Hal. = *Aloina bifrons* (De Not.) Delgad.
 [35] *Barbula torquata* Taylor = *Didymodon torquatus* (Taylor) Catches.
 [34] *Barbula unguiculata* Hedw.
 [12] *Bartramia* Hedw.
 [12] *Bartramia affinis* Hook. = *Breutelia affinis* (Hook.) Mitt.
 [12] *Bartramia alaris* Dixon & Sainsbury
 [12] *Bartramia appressa* Hook.f. & Wilson = *Philonotis scabrifolia* (Hook.f. & Wilson) Braithw.
 [12] *Bartramia beckettii* Müll.Hal. = *Bartramia mossmaniana* Müll.Hal.
 [12] *Bartramia comosa* Mitt. = *Breutelia pendula* (Sm.) Mitt.
 [12] *Bartramia crassa* Hook.f. & Wilson = *Breutelia elongata* (Hook.f. & Wilson) Mitt.
 [12] *Bartramia crassinervia* Mitt.
 [12] *Bartramia curvirostra* Mitt. = *Conostomum curvirostrum* (Mitt.) Mitt.
 [12] *Bartramia divaricata* Mitt. = *Breutelia pendula* (Sm.) Mitt.
 [12] *Bartramia erwinii* R.Br.bis = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramia hapuka* R.Br.bis = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramia joycei* R.Br.bis = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramia mossmaniana* Müll.Hal.
 [12] *Bartramia oederiana* Sw. = *Plagiopus oederiana* (Sw.) H.A.Crum & L.E.Anderson
 [12] *Bartramia ovalitheca* R.Br.bis = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramia papillata* Hook.f. & Wilson
 [12] *Bartramia pentasticha* Brid. = *Conostomum pentastichum* (Brid.) Lindb.
 [12] *Bartramia pyriforma* R.Br.bis = *Philonotis pyriformis* (R.Br.bis) Wijk & Margad.
 [12] *Bartramia readeriana* Colenso = *Breutelia pendula* (Sm.) Mitt.
 [12] *Bartramia revisa* R.Br.bis = *Breutelia affinis* (Hook.) Mitt.
 [12] *Bartramia robusta* Hook.f. & Wilson
 [12] *Bartramia sieberi* Hornsch. ex Müll.Hal. = *Breutelia pendula* (Sm.) Mitt.
 [12] *Bartramia tenuis* Taylor = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramia turneri* R.Br.bis = *Philonotis tenuis* (Taylor) Reichardt
 [12] *Bartramiaceae* Schwägr.
 [12] *Bartramiiales* D.Quandt, N.E.Bell & Stech
 [46] *Bazzania* Gray
 [46] *Bazzania accreta* (Lehm. & Lindenb.) Trevis
 [46] *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46] *Bazzania adnexa* f. *novae-hollandiae* (Lindenb. & Gottsche) Hamlin = *Bazzania adnexa* var. *aucklandica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [46] *Bazzania adnexa* (Lehm. & Lindenb.) Trevis. var. *adnexa*
 [46] *Bazzania adnexa* var. *aucklandica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [46] *Bazzania anisostoma* (Lehm & Lindenb.) Trevis. = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46] *Bazzania atrovirens* (Hook.f. & Taylor) Kuntze = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46] *Bazzania colensoana* (Mitt.) Carrington & Pearson = *Acromastigum colensoanum* (Mitt.) A.Evans
 [47] *Bazzania convexa* (Thunb.) Trevis. = *Bazzania nitida* (F.Weber) Grolle
 [46] *Bazzania cunninghamii* Steph. = *Acromastigum cunninghamii* (Steph.) A.Evans
 [46] *Bazzania engelii* Glenny
 [46] *Bazzania exempta* J.J.Engel
 [47] *Bazzania fissistipa* (Steph.) Pearson = *Bazzania nitida* (F.Weber) Grolle
 [46] *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.

- [46]**Bazzania involuta** (Mont.) Trevis.
 [46]**Bazzania involuta** f. *submutica* (Lindenb. & Gottsche) Hamlin = **Bazzania involuta** var. *submutica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [46]**Bazzania involuta** (Mont.) Trevis. var. *involuta*
 [46]**Bazzania involuta** var. *submutica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [46]**Bazzania mittenii** (Steph.) Steph.
 [46]**Bazzania monilinervis** (Lehm. & Lindenb.) Trevis.
 [46]**Bazzania mooreana** Steph. = **Acromastigum mooreanum** (Steph.) E.A.Hodgs.
 [47]**Bazzania nitida** (F.Weber) Grolle
 [46]**Bazzania nova** J.J.Engel & G.L.Merr. = **Bazzania mittenii** (Steph.) Steph.
 [46]**Bazzania novae-hollandiae** (Nees) Carrington & Pearson = **Bazzania adnexa** (Lehm. & Lindenb.) Trevis.
 [47]**Bazzania novae-zelandiae** (Mitt.) Besch. & C.Massal.
 [48]**Bazzania nutans** (Hook.f. & Taylor) Trev. = **Lembidium nutans** (Hook.f. & Taylor) Mitt.
 [47]**Bazzania okaritana** Meagher & Glenny
 [46]**Bazzania quadrata** (Colenso) W.Martin & E.A.Hodgs. = **Bazzania hochstetteri** (Reichardt) E.A.Hodgs.
 [46]**Bazzania reflexistipula** (Lindenb. & Gottsche) W.Martin & E.A.Hodgs. = **Bazzania involuta** (Mont.) Trevis.
 [46]**Bazzania semicordata** (Lindenb. & Gottsche) Kuntze = **Bazzania adnexa** (Lehm. & Lindenb.) Trevis.
 [47]**Bazzania tayloriana** (Mitt.) Kuntze
 [35]**Beckettia bruchioides** Müll.Hal. = **Hennediella macrophylla** (R.Br.bis) Paris
 [15]**Beeveria** Fife
 [15]**Beeveria distichophylloides** (Broth. & Dixon) Fife
 [16]**Bellia** Broth. = **Crosbya** Vitt
 [16]**Bellia crumii** Vitt = **Crosbya nervosa** (Hook.f. & Wilson) Vitt
 [16]**Bellia nervosa** (Hook.f. & Wilson) Broth. = **Crosbya nervosa** (Hook.f. & Wilson) Vitt
 [16]**Bellia straminea** (Beckett) Broth. = **Crosbya straminea** (Beckett) Vitt
 [42]**Blepharidophyllaceae** (R.M.Schust.) J.J.Engel
 [42]**Blepharidophyllum** Ångstr.
 [43]**Blepharidophyllum** subgen. *Clandarium* Grolle = **Clandarium** (Grolle) R.M.Schust.
 [42]**Blepharidophyllum vertebrale** (Taylor ex Gottsche, Lindenb. & Nees) Ångstr. ex C.Massal.
 [43]**Blepharidophyllum xiphophyllum** Grolle = **Clandarium xiphophyllum** (Grolle) R.M.Schust.
 [59]**Blepharostoma corrugatum** Steph. = **Trichotemnoma corrugatum** (Steph.) R.M.Schust.
 [57]**Blepharostoma palmatum** Pearson = **Temnoma palmatum** (Pearson) R.M.Schust.
 [57]**Blepharostoma pulchellum** (Hook.) Steph. = **Temnoma pulchellum** (Hook.) Mitt. ex Bastow
 [57]**Blepharostoma quadrifidum** (Mitt.) Pearson = **Temnoma quadrifidum** (Mitt.) Mitt. ex E.A.Hodgs. & Allison
 [57]**Blepharostoma quadripartitum** (Hook.) Trevis. = **Temnoma quadripartitum** (Hook.) Mitt.
 [33]**Blindia** Bruch & Schimp.
 [33]**Blindia acuta** var. *curviseta* Hook.f. & Wilson = **Blindia magellanica** Schimp.
 [32]**Blindia antarctica** Müll.Hal. = **Dicranoweisia antarctica** (Müll.Hal.) Kindb.
 [32]**Blindia chrysea** Müll.Hal. = **Dicranoweisia antarctica** (Müll.Hal.) Kindb.
 [33]**Blindia contecta** (Hook.f. & Wilson) Müll.Hal.
 [33]**Blindia egmontensis** Sainsbury = **Blindia martinii** Sainsbury
 [33]**Blindia immersa** (E.B.Bartram & Dixon) Sainsbury
 [33]**Blindia lewinskyae** J.K.Bartlett & Vitt
 [33]**Blindia magellanica** Schimp.
 [33]**Blindia martinii** Sainsbury
 [33]**Blindia robusta** Hampe
 [33]**Blindia seppeltii** J.K.Bartlett & Vitt
 [33]**Blindia tasmanica** Sainsbury = **Blindia robusta** Hampe
 [33]**Blindia tenuifolia** Mitt. = **Blindia robusta** Hampe
 [33]**Blindia theriotii** R.Br.bis = **Blindia magellanica** Schimp.
 [33]**Blindiopsis immersa** E.B.Bartram & Dixon = **Blindia immersa** (E.B.Bartram & Dixon) Sainsbury
 [49]**Bonneria furcifolia** (Steph.) R.M.Schust. = **Paracromastigum furcifolium** (Steph.) R.M.Schust.
 [14]**Brachymenium coarctatum** Hook.f. = **Bryum preissianum** Hampe
 [14]**Brachymenium preissianum** (Hampe) A.Jaeger = **Bryum preissianum** Hampe
 [33]**Brachysteleum** Rchb. = **Ptychomitrium** Fűrnr.
 [33]**Brachysteleum australe** Hampe = **Ptychomitrium australe** (Hampe) A.Jaeger
 [18]**Brachytheciaceae** Schimp.
 [18]**Brachythecium** Schimp.
 [18]**Brachythecium albicans** (Hedw.) Schimp.
 [18]**Brachythecium allisonii** Fife = **Brachythecium campestre** (Müll.Hal.) Schimp.
 [18]**Brachythecium campestre** (Müll.Hal.) Schimp.
 [19]**Brachythecium cymbifolium** Dixon & Sainsbury = **Scleropodium touretii** (Brid.) L.F.Koch
 [18]**Brachythecium fontanum** Fife
 [18]**Brachythecium paradoxum** (Hook.f. & Wilson) A.Jaeger
 [18]**Brachythecium plumosum** (Hedw.) Schimp.
 [18]**Brachythecium purum** (Hedw.) Dixon = **Pseudoscleropodium purum** (Hedw.) M.Fleisch.
 [18]**Brachythecium rutabulum** (Hedw.) Schimp.
 [18]**Brachythecium salebrosum** (F.Weber & D.Mohr) Schimp.
 [18]**Brachythecium subpilosum** var. *angustifolium* Allison = **Brachythecium campestre** (Müll.Hal.) Schimp.
 [18]**Brachythecium velutinum** (Hedw.) Schimp.
 [50]**Bragginsella** R.M.Schust.
 [50]**Bragginsella anomala** R.M.Schust.
 [23]**Braithwaitea** Lindb.
 [23]**Braithwaitea sulcata** (Hook.) A.Jaeger
 [23]**Braithwaiteaceae** N.E.Bell, A.E.Newton & D.Quandt
 [29]**Braunfelsia obesifolia** (R.Br.bis) Dixon = **Dicranoloma obesifolium** (R.Br.bis) Broth.
 [29]**Braunfelsia petriei** (Broth.) Broth. = **Dicranoloma obesifolium** (R.Br.bis) Broth.
 [15]**Braunia novae-seelandiae** Beckett = **Hedwigidium integrifolium** (P.Beauv.) C.E.O.Jensen
 [12]**Breutelia** (Bruch & Schimp.) Schimp.

- [12] *Breutelia affinis* (Hook.) Mitt.
 [12] *Breutelia crassa* (Hook.f. & Wilson) A.Jaeger = *Breutelia elongata* (Hook.f. & Wilson) Mitt.
 [12] *Breutelia elongata* (Hook.f. & Wilson) Mitt.
 [12] *Breutelia pendula* (Sm.) Mitt.
 [43] *Brevianthaceae* J.J.Engel & R.M.Schust.
 [43] *Brevianthus* J.J.Engel & R.M.Schust.
 [43] *Brevianthus flavus* (Grolle) J.J.Engel & R.M.Schust.
 [43] *Brevianthus flavus* subsp. *crenulatus* J.J.Engel
 [30] *Bruchia minuta* Mitt. = *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
 [30] *Bruchia minutissima* Dixon & Sainsbury = *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
 [28] *Bruchiaceae* Schimp.
 [13] *Bryaceae* Rchb.
 [13] *Bryales* Limpr.
 [12] *Bryidae* Engl.
 [19] *Bryobartlettia* W.R.Buck = *Cryphaea* D.Mohr
 [19] *Bryobartlettia costata* W.R.Buck = *Cryphaea tenella* (Schwägr) Müll.Hal.
 [37] *Bryobeckettia* Fife
 [37] *Bryobeckettia bartlettii* (Fife) Fife
 [25] *Bryodixonia* Sainsbury = *Ulota* D.Mohr
 [25] *Bryodixonia perichaetialis* Sainsbury = *Ulota perichaetialis* (Sainsbury) Goffinet
 [34] *Bryoerythrophyllum* P.C.Chen
 [34] *Bryoerythrophyllum binnsii* (R.Br.bis) Wijk & Margad. = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [34] *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [34] *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [24] *Bryomaltaea* Goffinet = *Leratia* Broth. & Paris
 [24] *Bryomaltaea obtusifolia* (Hook.) Goffinet = *Leratia obtusifolia* (Hook.) Goffinet
 [11] *Bryophyta* Schimp.
 [12] *Bryopsida* Rothm.
 [13] *Bryum* Hedw.
 [13] *Bryum algovicum* Müll.Hal.
 [13] *Bryum algovicum* var. *rutheanum* (Warnst.) Crundw.
 [13] *Bryum amblyodon* Müll.Hal.
 [14] *Bryum annotinum* Hedw. = *Pohlia annotina* (Hedw.) Lindb.
 [13] *Bryum appressifolium* Broth.
 [13] *Bryum argenteum* Hedw.
 [13] *Bryum austrobimum* Broth. = *Bryum caespiticium* Hedw.
 [13] *Bryum austropallescens* Broth. = *Bryum creberrimum* Taylor
 [26] *Bryum bartramioides* Hook. = *Cryptopodium bartramioides* (Hook.) Brid.
 [15] *Bryum bealeyensis* R.Br.bis = *Pohlia nutans* (Hedw.) Lindb.
 [13] *Bryum bellii* Müll.Hal. = *Bryum duriusculum* Hook.f. & Wilson
 [14] *Bryum billardierei* Schwägr. = *Rosulabryum billardierei* (Schwägr.) J.R.Spence
 [14] *Bryum billardierei* var. *platyloma* Mohamed = *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 [15] *Bryum binnsii* R.Br.bis = *Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews
 [14] *Bryum blandum* Hook.f. & Wilson = *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay
 [14] *Bryum blandum* var. *luridum* Hook.f. & Wilson = *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay
 [39] *Bryum brownianum* Dicks. = *Tetradontium brownianum* (Dicks.) Schwägr.
 [13] *Bryum buchananii* R.Br.bis = *Bryum appressifolium* Broth.
 [13] *Bryum caespiticium* Hedw.
 [13] *Bryum caespiticium* var. *austrobimum* (Broth.) Sainsbury = *Bryum caespiticium* Hedw.
 [15] *Bryum calcareum* R.Br.bis = *Pohlia tenuifolia* (A.Jaeger) Broth.
 [14] *Bryum campylothecium* Taylor = *Rosulabryum campylothecium* (Taylor) J.R.Spence
 [14] *Bryum capillare* Hedw. = *Rosulabryum capillare* (Hedw.) J.R.Spence
 [13] *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum clavatum* var. *extenuatum* Hook.f. & Wilson = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum coronatum* Schwägr.
 [13] *Bryum crassinerve* Hook.f. & Wilson = *Bryum laevigatum* Hook.f. & Wilson
 [13] *Bryum crassum* Hook.f. & Wilson
 [13] *Bryum creberrimum* Taylor
 [13] *Bryum cuneatum* R.Br.bis = *Bryum algovicum* var. *rutheanum* (Warnst.) Crundw.
 [13] *Bryum curvicolium* Mitt. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum curvicolium* var. *extenuatum* (Hook.f. & Wilson) Hook.f. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum cylindrothecium* R.Br.bis = *Bryum caespiticium* Hedw.
 [13] *Bryum dichotomum* Hedw.
 [13] *Bryum duriusculum* Hook.f. & Wilson
 [13] *Bryum erythrocarpoides* Müll.Hal. & Hampe = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum eximium* Mitt. = *Bryum laevigatum* Hook.f. & Wilson
 [13] *Bryum forsteri* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum funkii* Schwägr.
 [14] *Bryum gibsonii* R.Br.bis = *Bryum sauteri* Bruch & Schimp.
 [14] *Bryum gracilicarpum* R.Br.bis = *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 [13] *Bryum gracilithecium* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum hapukaense* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum harriottii* R.Br.bis
 [13] *Bryum heterofolium* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13] *Bryum huttonii* R.Br.bis = *Bryum laevigatum* Hook.f. & Wilson
 [13] *Bryum inclinatum* (Brid.) Blandow = *Bryum amblyodon* Müll.Hal.
 [13] *Bryum incurvifolium* Müll.Hal. = *Bryum laevigatum* Hook.f. & Wilson
 [13] *Bryum kirkii* Broth. = *Bryum dichotomum* Hedw.
 [13] *Bryum kirkii* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.

- [13]*Bryum laevigatum* Broth. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum laevigatum* Hook.f. & Wilson
 [14]*Bryum leptothecium* Taylor = *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 [13]*Bryum levieri* Müll.Hal. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum linearifolium* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum luteolimbatum* Broth. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [14]*Bryum macrocarpon* Hedw. = *Leptostomum macrocarpon* (Hedw.) Bach.Pyl.
 [13]*Bryum macrocarpum* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum macroerythrocarpum* Müll.Hal. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum malacodictyon* Müll.Hal. = *Bryum duriusculum* Hook.f. & Wilson
 [14]*Bryum maudii* R.Br.bis = *Bryum pseudotriquetrum* (Hedw.) P.Gaertn., E. Meyer & Scherb.
 [13]*Bryum megamorphum* Müll.Hal. = *Bryum laevigatum* Hook.f. & Wilson
 [14]*Bryum microrhodon* Müll.Hal. = *Rosulabryum microrhodon* (Müll.Hal.) J.R.Spence
 [13]*Bryum mucronatum* Mitt.
 [26]*Bryum oamaruense* R.Br.bis = *Zygodon menziesii* (Schwägr.) Arn.
 [14]*Bryum obesothecium* R.Br.bis = *Bryum pseudotriquetrum* (Hedw.) P.Gaertn., E. Meyer & Scherb.
 [13]*Bryum otahapaense* R.Br.bis = *Bryum coronatum* Schwägr.
 [13]*Bryum ovalicarpum* R.Br.bis = *Bryum dichotomum* Hedw.
 [13]*Bryum ovatocarpum* R.Br.bis = *Bryum dichotomum* Hedw.
 [13]*Bryum ovatothecium* R.Br.bis = *Bryum dichotomum* Hedw.
 [13]*Bryum pachythea* Müll.Hal. = *Bryum coronatum* Schwägr.
 [13]*Bryum pallescens* Schwägr.
 [13]*Bryum pendulum* (Hornsch.) Schimp. = *Bryum algovicum* var. *rutheanum* (Warnst.) Crundw.
 [13]*Bryum pendulum* var. *rutheanum* Warnst. = *Bryum algovicum* var. *rutheanum* (Warnst.) Crundw.
 [14]*Bryum perlimbatum* Cardot = *Rosulabryum perlimbatum* (Cardot) Ochyra
 [13]*Bryum petriei* R.Br.bis = *Bryum dichotomum* Hedw.
 [14]*Bryum preissianum* Hampe
 [14]*Bryum pseudotriquetrum* (Hedw.) P.Gaertn., E. Meyer & Scherb.
 [38]*Bryum radians* (Hedw.) P.Beauv. = *Entosthodon radians* (Hedw.) Müll.Hal.
 [14]*Bryum radiculosum* Brid.
 [14]*Bryum rubens* Mitt.
 [14]*Bryum ruderale* Crundw. & Nyholm
 [14]*Bryum sauteri* Bruch & Schimp.
 [13]*Bryum schauinslandii* Müll.Hal. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [14]*Bryum searllii* R.Br.bis = *Rosulabryum capillare* (Hedw.) J.R.Spence
 [13]*Bryum stenotrichum* Müll.Hal. = *Bryum amblyodon* Müll.Hal.
 [14]*Bryum subtomentosum* (Hampe) Mitt. = *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 [14]*Bryum tenuidens* Dixon & Sainsbury
 [15]*Bryum tenuifolium* Hook.f. & Wilson = *Pohlia tenuifolia* (A.Jaeger) Broth.
 [14]*Bryum tenuisetum* Limpr.
 [13]*Bryum thomasii* R.Br.bis = *Bryum pallescens* Schwägr.
 [13]*Bryum torlessense* R.Br.bis = *Bryum caespiticium* Hedw.
 [13]*Bryum traillii* R.Br.bis = *Bryum laevigatum* Hook.f. & Wilson
 [13]*Bryum triangularifolium* R.Br.bis = *Bryum coronatum* Schwägr.
 [13]*Bryum urceolatum* Schimp. = *Bryum dichotomum* Hedw.
 [13]*Bryum varians* Müll.Hal. = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum ventricosum* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum waikariense* R.Br.bis = *Bryum dichotomum* Hedw.
 [13]*Bryum webbiana* R.Br.bis = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Bryum webbii* R.Br.bis = *Bryum dichotomum* Hedw.
 [33]*Bucklandiella allanfifei* Bednarek-Ochyra & Ochyra = *Racomitrium striatipilum* Cardot
 [33]*Bucklandiella crumiana* (Fife) Bednarek-Ochyra & Ochyra = *Racomitrium crumianum* Fife
 [33]*Bucklandiella curiosissima* (Bednarek-Ochyra & Ochyra) Bednarek-Ochyra & Ochyra = *Racomitrium curiosissimum* Bednarek-Ochyra & Ochyra
 [33]*Bucklandiella didyma* (Mont.) Bednarek-Ochyra & Ochyra = *Racomitrium didymum* (Mont.) Lorentz
 [33]*Bucklandiella elegans* (Müll.Hal.) Bednarek-Ochyra & Ochyra = *Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
 [27]*Buxbaumia* Hedw.
 [27]*Buxbaumia aphylla* Hedw.
 [27]*Buxbaumia novae-zelandiae* Dixon
 [27]*Buxbaumiaceae* Schwägr.
 [27]*Buxbaumiales* M.Fleisch.
 [27]*Buxbaumiidae* Ochyra
 [17]*Calliargon* (Sull.) Kindb.
 [17]*Calliargon cuspidatum* (Hedw.) Kindb. = *Calliargonella cuspidata* (Hedw.) Loeske
 [14]*Calliargon laxirete* Zanten & J.K.Bartlett = *Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay
 [17]*Calliargon richardsonii* (Mitt.) Kindb. ex G.Roth
 [18]*Calliargon sarmentosum* (Wahlenb.) Kindb. = *Warnstorfia sarmentosa* (Wahlenb.) Hedenäs
 [17]*Calliargon stramineum* (Brid.) Kindb. = *Straminergon stramineum* (Brid.) Hedenäs
 [17]*Calliargon subpapillosum* Karczm. = *Calliargon richardsonii* (Mitt.) Kindb. ex G.Roth
 [17]*Calliargonella* Loeske
 [17]*Calliargonella cuspidata* (Hedw.) Loeske
 [39]*Calobryales* Hamlin
 [40]*Calobryum gibbsiae* Steph. = *Haplomitrium gibbsiae* (Steph.) R.M.Schust.
 [26]*Calomnion* Hook.f. & Wilson
 [26]*Calomnion brownseyi* Vitt & H.A.Mill. = *Calomnion complanatum* (Hook.f. & Wilson) Lindb.
 [26]*Calomnion complanatum* (Hook.f. & Wilson) Lindb.
 [26]*Calomnion laetum* Hook.f. & Wilson = *Calomnion complanatum* (Hook.f. & Wilson) Lindb.
 [28]*Calymperaceae* Kindb.
 [28]*Calymperes* Sw.

- [28] *Calymperes tahitense* (Sull.) Mitt.
 [28] *Calymperes tenerum* Müll.Hal.
 [43] *Calypogeia* Raddi
 [43] *Calypogeia sphagnicola* (Arnell & J.Perss.) Warnst. & Loeske
 [43] *Calypogeia* subgen. *Mnioloma* (Herzog) Bisch. = *Mnioloma* Herzog
 [43] *Calypogeia trichomanis* var. *sphagnicola* (Arnell & J.Perss.) Meyl. = *Calypogeia sphagnicola* (Arnell & J.Perss.) Warnst. & Loeske
 [43] *Calypogeiaceae* Arnell
 [34] *Calyptopogon* (Mitt.) Broth.
 [34] *Calyptopogon mnioides* (Schwägr.) Broth.
 [34] *Calyptopogon mnioides* var. *augustelimbatus* E.S.Salmon = *Calyptopogon mnioides* (Schwägr.) Broth.
 [15] *Calypstrochaeta* Desv.
 [15] *Calypstrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [15] *Calypstrochaeta apiculata* var. *tasmanica* (Broth.) Fife = *Calypstrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [16] *Calypstrochaeta brassii* (E.B.Bartram) Streimann = *Calypstrochaeta flexicollis* (Mitt.) Vitt
 [16] *Calypstrochaeta brownii* (Dixon) J.K.Bartlett
 [16] *Calypstrochaeta cristata* (Hedw.) Desv.
 [16] *Calypstrochaeta flexicollis* (Mitt.) Vitt
 [41] *Calyptrocolea* R.M.Schust. = *Adelanthus* Mitt.
 [41] *Calyptrocolea falcata* (Hook.) R.M.Schust. = *Adelanthus falcatus* (Hook.) Mitt.
 [41] *Calyptrocolea gemmipara* R.M.Schust. = *Adelanthus gemmiparus* (R.M.Schust.) E.A.Hodgs.
 [41] *Calyptrocolea oclusa* (Hook.f. & Taylor) R.M.Schust. = *Adelanthus oclusus* (Hook.f. & Taylor) Carrington
 [53] *Calyptrocolea perssonii* R.M.Schust. = *Hepatostolonophora rotata* var. *perssonii* (R.M.Schust.) J.J.Engel
 [20] *Camptochaete* Reichardt
 [20] *Camptochaete aciphylla* Dixon & Sainsbury = *Fifea aciphylla* (Dixon & Sainsbury) H.A.Crum
 [20] *Camptochaete angustata* (Mitt.) Reichardt
 [20] *Camptochaete arbuscula* (Sm.) Reichardt
 [20] *Camptochaete arbuscula* (Sm.) Reichardt var. *arbuscula*
 [20] *Camptochaete arbuscula* var. *deflexa* (Wilson) Dixon = *Camptochaete deflexa* (Wilson) A.Jaeger
 [20] *Camptochaete arbuscula* var. *tumida* Tangney
 [20] *Camptochaete beckettii* Broth. = *Camptochaete pulvinata* (Hook.f. & Wilson) A.Jaeger
 [21] *Camptochaete brachydactyla* Dixon = *Neckera laevigata* Hook.f. & Wilson
 [20] *Camptochaete deflexa* (Wilson) A.Jaeger
 [20] *Camptochaete gracilis* (Hook.f. & Wilson) Paris = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [20] *Camptochaete maculosa* (Dixon) Sainsbury = *Camptochaete pulvinata* (Hook.f. & Wilson) A.Jaeger
 [20] *Camptochaete novae-zeelandiae* (E.B.Bartram & Dixon) P.E.A.S.Câmara = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [20] *Camptochaete pulvinata* (Hook.f. & Wilson) A.Jaeger
 [20] *Camptochaete ramulosa* (Mitt.) A.Jaeger = *Camptochaete deflexa* (Wilson) A.Jaeger
 [20] *Camptochaete tasmanica* Broth. = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [17] *Campyliadelphus* (Kindb.) R.S.Chopra
 [17] *Campyliadelphus polygamus* (Schimp.) Kanda
 [17] *Campyliadelphus stellatus* (Hedw.) Kanda
 [17] *Campylium decussatum* (Hook.f. & Wilson) Broth. = *Cratoneurosis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [17] *Campylium polygamum* (Schimp.) C.E.O.Jensen = *Campyliadelphus polygamus* (Schimp.) Kanda
 [17] *Campylium relaxum* (Hook.f. & Wilson) Broth. = *Cratoneurosis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [17] *Campylium stellatum* (Hedw.) C.E.O.Jensen = *Campyliadelphus stellatus* (Hedw.) Kanda
 [28] *Campylopodium* (Müll.Hal.) Besch.
 [28] *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopodium euphorocladum* (Müll.Hal.) Besch. = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopodium flexipes* (Mitt.) Broth. = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopodium lineare* (Mitt.) Dixon
 [28] *Campylopodium medium* (Duby) Giese & J.-P.Frahm = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopus* Brid.
 [28] *Campylopus acuminatus* var. *kirkii* (Beckett) J.-P.Frahm = *Campylopus kirkii* Beckett
 [28] *Campylopus appressifolius* Mitt. = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus arboricola* Cardot & Dixon = *Campylopus purpureocaulis* Dusén
 [28] *Campylopus arcuatus* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus arenarius* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus bicolor* (Müll.Hal.) Hook.f. & Wilson
 [28] *Campylopus bicolor* var. *ericeticola* (Müll.Hal.) Dixon = *Campylopus bicolor* (Müll.Hal.) Hook.f. & Wilson
 [28] *Campylopus bicolor* var. *intermedia* R.Br.bis = *Campylopus bicolor* (Müll.Hal.) Hook.f. & Wilson
 [28] *Campylopus capillaceus* Hook.f. & Wilson = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus cylindrothecum* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus ellipticothecum* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus ericeticola* Müll.Hal. = *Campylopus bicolor* (Müll.Hal.) Hook.f. & Wilson
 [28] *Campylopus gulliveri* R.Br.bis = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopus holomitrium* (Müll.Hal.) A.Jaeger = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Campylopus introflexus* (Hedw.) Brid.
 [28] *Campylopus kirkii* Beckett
 [28] *Campylopus kirkii* var. *pilosus* Frahm = *Campylopus kirkii* Beckett
 [32] *Campylopus laevigatus* Brid. = *Grimmia laevigata* (Brid.) Brid.
 [28] *Campylopus lonchochaete* Müll.Hal. = *Campylopus pallidus* Hook.f. & Wilson
 [28] *Campylopus ohingaitii* R.Br.bis = *Campylopus pallidus* Hook.f. & Wilson
 [28] *Campylopus otaramaii* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus pallidus* Hook.f. & Wilson
 [28] *Campylopus purpureocaulis* Dusén
 [28] *Campylopus rarus* R.Br.bis = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [28] *Campylopus sparksii* R.Br.bis = *Campylopus pallidus* Hook.f. & Wilson

- [28] *Campylopus stewartii* R.Br.bis = ***Campylopus bicolor*** (Müll.Hal.) Hook.f. & Wilson
 [28] *Campylopus sulphureoflavus* (Müll.Hal.) Paris = ***Campylopus clavatus*** (R.Br.) Hook.f. & Wilson
 [28] *Campylopus torquatus* Mitt. = ***Campylopus pallidus*** Hook.f. & Wilson
 [28] *Campylopus traillii* R.Br.bis = ***Campylopus clavatus*** (R.Br.) Hook.f. & Wilson
 [28] *Campylopus walkerii* R.Br.bis = ***Campylopus clavatus*** (R.Br.) Hook.f. & Wilson
 [16] ***Canalohypopterygium*** W.Frey & Schaepe
 [16] *Canalohypopterygium commutatum* (Müll.Hal.) W.Frey & A.Schaepe = ***Canalohypopterygium tamariscinum*** (Hedw.) Kruijer
 [16] ***Canalohypopterygium tamariscinum*** (Hedw.) Kruijer
 [57] ***Castanoclobos*** J.J.Engel & Glenny
 [57] *Castanoclobos julaceus* (J.J.Engel) J.J.Engel & Glenny
 [19] **Catagoniaceae** W.R.Buck & Ireland
 [19] ***Catagonium*** Broth.
 [19] ***Catagonium nitens*** (Brid.) Cardot
 [19] *Catagonium politum* (Hook.f. & Wilson) Dusén = ***Catagonium nitens*** (Brid.) Cardot
 [38] *Catharinea androgyna* Müll.Hal. = ***Atrichum androgynum*** (Müll.Hal.) A.Jaeger
 [38] *Catharinea microdendron* Müll.Hal. = ***Dendroligotrichum tongariroense*** (Colenso) Tangney
 [38] *Catharinea* sect. *Dendroligotrichum* Müll.Hal. = ***Dendroligotrichum*** (Müll.Hal.) Broth.
 [39] *Catharinea* sect. *Polytrichadelphus* Müll.Hall. = ***Polytrichadelphus*** (Müll.Hal.) Mitt.
 [39] *Catharinea tenuirostris* (Hook.) Brid. = ***Oligotrichum tenuirostre*** (Hook.) A.Jaeger
 [16] ***Catharomnion*** Hook.f. & Wilson
 [16] ***Catharomnion ciliatum*** (Hedw.) Hook.f. & Wilson
 [55] *Cephalolobus* R.M.Schust. = ***Andrewsianthus*** R.M.Schust.
 [55] *Cephalolobus hodgsoniae* R.M.Schust. = ***Andrewsianthus hodgsoniae*** (R.M.Schust.) R.M.Schust ex J.J. Engel
 [55] *Cephalolobus squarrosus* R.M.Schust. = ***Andrewsianthus marionensis*** (S.W.Arnell) Grolle
 [43] ***Cephalomitrium*** R.M.Schust.
 [43] ***Cephalomitrium aterrimum*** (Steph.) R.M.Schust.
 [43] ***Cephalozia*** (Dumort.) Dumort.
 [50] *Cephalozia argentea* (Hook.f. & Taylor) Lindenb. = ***Zoopsis argentea*** (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [43] *Cephalozia aterrima* Steph. = ***Cephalomitrium aterrimum*** (Steph.) R.M.Schust.
 [43] *Cephalozia austrigena* R.M.Schust. = ***Cephalozia austrigena*** R.M.Schust. ex J.J.Engel
 [43] ***Cephalozia austrigena*** R.M.Schust. ex J.J.Engel
 [43] ***Cephalozia badia*** (Gottsche) Steph.
 [43] *Cephalozia badia* f. *minor* Grolle = ***Cephalozia badia*** (Gottsche) Steph.
 [43] *Cephalozia bicuspidata* subsp. *austrigena* R.M.Schust. = ***Cephalozia austrigena*** R.M.Schust. ex J.J.Engel
 [50] *Cephalozia ceratophylla* Spruce = ***Zoopsis ceratophylla*** (Spruce) Hamlin
 [43] *Cephalozia ciliolata* R.M.Schust. = ***Cephalozia schusteriana*** J.J.Engel
 [43] *Cephalozia cucullifolia* Steph. = ***Cephalozia badia*** (Gottsche) Steph.
 [43] ***Cephalozia drucei*** (R.M.Schust.) Váňa
 [44] *Cephalozia exiliflora* (Gottsche, Lindenb. & Nees) Trevis. = ***Cephaloziella exiliflora*** (Gottsche, Lindenb. & Nees) Douin
 [50] *Cephalozia fissifolia* Steph. = ***Zoopsis ceratophylla*** (Spruce) Hamlin
 [49] *Cephalozia furcifolia* Steph. = ***Paracromastigum furcifolium*** (Steph.) R.M.Schust.
 [49] *Cephalozia kirkii* Steph. = ***Paracromastigum macrostipum*** (Steph.) R.M.Schust.
 [50] *Cephalozia leitgebiana* Carrington & Pearson = ***Zoopsis leitgebiana*** (Carrington & Pearson) Bastow
 [49] *Cephalozia macrostipa* Steph. = ***Paracromastigum macrostipum*** (Steph.) R.M.Schust.
 [44] *Cephalozia multicuspidata* (Hook.f. & Taylor) Steph. = ***Protolophozia multicuspidata*** (Hook.f. & Taylor) Váňa & L.Söderstr.
 [48] *Cephalozia nutans* (Hook.f. & Taylor) Spruce = ***Lembidium nutans*** (Hook.f. & Taylor) Mitt.
 [43] *Cephalozia pachygyna* R.M.Schust. = ***Cephalozia pachygyna*** R.M.Schust. ex J.J.Engel
 [43] ***Cephalozia pachygyna*** R.M.Schust. ex J.J.Engel
 [43] ***Cephalozia schusteriana*** J.J.Engel
 [50] *Cephalozia setulosa* (Leitg.) Spruce = ***Zoopsis setulosa*** Leitg.
 [43] *Cephalozia* subgen. *Cephaloziella* Spruce = ***Cephaloziella*** (Spruce) Schiffn.
 [44] *Cephalozia varians* (Gottsche) Steph. = ***Cephaloziella varians*** (Gottsche) Steph.
 [43] **Cephaloziaceae** Mig.
 [43] ***Cephaloziella*** (Spruce) Schiffn.
 [43] ***Cephaloziella aenigmatica*** R.M.Schust.
 [44] *Cephaloziella arctica* Bryhn & Douin = ***Cephaloziella varians*** (Gottsche) Steph.
 [44] *Cephaloziella arctica* subsp. *subantarctica* R.M.Schust = ***Cephaloziella varians*** subsp. *subantarctica* (R.M.Schust.) R.M.Schust. ex J.J. Engel
 [43] *Cephaloziella aterrima* (Steph.) E.A.Hodgs. = ***Cephalomitrium aterrimum*** (Steph.) R.M.Schust.
 [43] *Cephaloziella aterrima* var. *crassigyna* R.M.Schust. = ***Cephaloziella crassigyna*** (R.M.Schust.) R.M.Schust.
 [44] *Cephaloziella byssacea* (Roth) Warnst. = ***Cephaloziella divaricata*** (Sm.) Schiffn.
 [44] *Cephaloziella byssacea* subsp. *grandiretis* R.M.Schust. = ***Cephaloziella grandiretis*** (R.M.Schust.) R.M.Schust.
 [43] ***Cephaloziella crassigyna*** (R.M.Schust.) R.M.Schust.
 [43] ***Cephaloziella densifolia*** R.M.Schust.
 [43] ***Cephaloziella densifolia*** R.M.Schust. var. *densifolia*
 [44] ***Cephaloziella densifolia*** var. *dubia* R.M.Schust.
 [44] ***Cephaloziella divaricata*** (Sm.) Schiffn.
 [44] ***Cephaloziella exigua*** R.M.Schust.
 [44] ***Cephaloziella exiliflora*** (Gottsche, Lindenb. & Nees) Douin
 [44] ***Cephaloziella grandiretis*** (R.M.Schust.) R.M.Schust.
 [44] ***Cephaloziella hispidissima*** R.M.Schust. = ***Cephaloziella verrucosa*** Steph.
 [44] ***Cephaloziella invisiva*** R.M.Schust.
 [55] *Cephaloziella marionensis* S.W.Arnell = ***Andrewsianthus marionensis*** (S.W.Arnell) Grolle
 [44] ***Cephaloziella muelleriana*** R.M.Schust.
 [43] *Cephaloziella nigra* (Rodway) Grolle = ***Allisoniella nigra*** (Rodway) R.M.Schust.
 [44] ***Cephaloziella nothogena*** R.M.Schust.
 [44] ***Cephaloziella pellucida*** R.M.Schust.
 [44] *Cephaloziella pseudocrassigyna* R.M.Schust. = ***Cephaloziella pseudocrassigyna*** R.M.Schust ex J.J.Engel
 [44] ***Cephaloziella pseudocrassigyna*** R.M.Schust ex J.J.Engel

- [44] *Cephaloziella pulcherrima* R.M.Schust.
 [44] *Cephaloziella pulcherrima* R.M.Schust. subsp. *pulcherrima*
 [44] *Cephaloziella pulcherrima* subsp. *sphagnicola* R.M.Schust.
 [45] *Cephaloziella rufobrunnea* R.M.Schust. = *Marsupella sprucei* (Limpr.) Bernet
 [44] *Cephaloziella subspinosa* R.M.Schust.
 [44] *Cephaloziella tahora* Bever. & Glenny
 [44] *Cephaloziella varians* (Gottsche) Steph.
 [44] *Cephaloziella varians* subsp. *subantarctica* (R.M.Schust.) R.M.Schust. ex J.J. Engel
 [44] *Cephaloziella verrucosa* Steph.
 [43] *Cephaloziellaceae* Douin
 [47] *Ceramanus* E.D.Cooper
 [47] *Ceramanus elegans* (Colenso) E.D.Cooper
 [47] *Ceramanus perfragilis* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [47] *Ceramanus tuberifera* (J.J.Engel & R.M.Schust.) E.D.Cooper
 [30] *Ceratodon* Brid.
 [30] *Ceratodon delicatulus* Müll.Hal. = *Ceratodon purpureus* (Hedw.) Brid.
 [30] *Ceratodon delicatulus* var. *minor* Müll.Hal. = *Ceratodon purpureus* (Hedw.) Brid.
 [30] *Ceratodon elimbatus* Broth. = *Ceratodon purpureus* (Hedw.) Brid.
 [30] *Ceratodon purpureus* (Hedw.) Brid.
 [60] *Ceratolejeunea* J.B.Jack & Steph.
 [60] *Ceratolejeunea belangeriana* (Gottsche) Steph.
 [45] *Cesius* Gray = *Gymnomitrium* Corda
 [44] *Cesius atropocapilla* (Hook.f. & Taylor) Mitt. = *Herzogobryum atropocapillum* (Hook.f. & Taylor) Grolle
 [45] *Cesius cuspidatus* Berggr. = *Gymnomitrium incompletum* (Gottsche) R.M.Schust. ex Váňa
 [44] *Cesius erosus* Carrington & Pearson = *Nothogymnomitrium erosum* (Carrington & Pearson) R.M.Schust.
 [55] *Cesius lutescens* (Lehm. & Lindenb.) Kuntze = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [45] *Cesius strictus* Berggr. = *Gymnomitrium strictum* (Berggr.) R.M.Schust.
 [45] *Cesius* Kuntze = *Gymnomitrium* Corda
 [41] *Cesius acinacifolia* (Hook.f. & Taylor) Kuntze = *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
 [44] *Cesius atropocapilla* (Hook.f. & Taylor) Kuntze = *Herzogobryum atropocapillum* (Hook.f. & Taylor) Grolle
 [15] *Chaetophora* Brid. = *Calyptrochaeta* Desv.
 [44] *Chaetophyllopsiaceae* R.M.Schust.
 [44] *Chaetophyllopsiopsis* R.M.Schust
 [44] *Chaetophyllopsiopsis whiteleggei* (Carrington & Pearson) R.M.Schust. ex Hamlin
 [44] *Chaetophyllopsiopsis whiteleggei* (Carrington & Pearson) R.M.Schust. = *Chaetophyllopsiopsis whiteleggei* (Carrington & Pearson) R.M.Schust. ex Hamlin
 [18] *Chamberlainia albicans* (Hedw.) H.Rob. = *Brachythecium albicans* (Hedw.) Schimp.
 [42] *Chandonanthus* Mitt.
 [42] *Chandonanthus squarrosus* (Hook.) Schiffn.
 [60] *Cheilolejeunea* (Spruce) Steph.
 [60] *Cheilolejeunea albobirens* (Hook.f. & Taylor) E.A.Hodgs.
 [60] *Cheilolejeunea aucklandica* (Steph.) H.A.Mill., Bonner & Bisch. = *Cheilolejeunea albobirens* (Hook.f. & Taylor) E.A.Hodgs.
 [61] *Cheilolejeunea campbelliensis* (Steph.) R.M.Schust.
 [61] *Cheilolejeunea celata* M.A.M.Renner & Glenny = *Cheilolejeunea campbelliensis* (Steph.) R.M.Schust.
 [61] *Cheilolejeunea ceylanica* (Gottsche) R.M.Schust. & Kachoo
 [61] *Cheilolejeunea comitans* (Hook.f. & Taylor) R.M.Schust.
 [61] *Cheilolejeunea cumowii* (Steph.) R.M.Schust. = *Cheilolejeunea hamlinii* Grolle
 [61] *Cheilolejeunea hamlinii* Grolle
 [61] *Cheilolejeunea intertexta* (Lindenb.) Steph.
 [61] *Cheilolejeunea mimosa* (Hook.f. & Taylor) R.M.Schust.
 [61] *Cheilolejeunea morgani* Bever. & Glenny
 [61] *Cheilolejeunea novaezelandiae* R.M.Schust.
 [61] *Cheilolejeunea rodneyi* Bever. & Glenny
 [61] *Cheilolejeunea tereticalyx* (Herzog) Hamlin = *Cheilolejeunea comitans* (Hook.f. & Taylor) R.M.Schust.
 [61] *Cheilolejeunea trifaria* (Reinw., Blume & Nees) Mizut.
 [30] *Cheilothea chilensis* (Mont.) Broth. = *Chrysoblastella chilensis* (Mont.) Reimers
 [30] *Cheilothea novae-seelandiae* Broth. = *Chrysoblastella chilensis* (Mont.) Reimers
 [34] *Chenia* R.H.Zander
 [34] *Chenia leptophylla* (Müll.Hal.) R.H.Zander
 [55] *Chiastocaulon* Carl
 [55] *Chiastocaulon biserialis* (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
 [55] *Chiastocaulon conjugatum* (Hook.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
 [55] *Chiastocaulon proliferum* (Mitt.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
 [51] *Chiloscyphus* Corda
 [52] *Chiloscyphus aculeatus* Mitt. = *Cryptolophocolea aculeata* (Mitt.) L.Söderstr.
 [53] *Chiloscyphus allodontus* (Hook.f. & Taylor) E.A.Hodgs. = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Chiloscyphus alpicola* J.J.Engel
 [53] *Chiloscyphus ammophilus* Colenso = *Heteroscyphus ammophilus* (Colenso) R.M.Schust.
 [52] *Chiloscyphus amplexans* (Mitt.) J.J.Engel & R.M.Schust. = *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 [51] *Chiloscyphus anisobolus* J.J.Engel & Glenny = *Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [51] *Chiloscyphus aperticaulis* J.J.Engel
 [53] *Chiloscyphus argutus* (Reinw., Blume & Nees) Nees = *Heteroscyphus argutus* (Reinw., Blume & Nees) Schiffn.
 [54] *Chiloscyphus australis* (Gottsche, Lindenb. & Nees) = *Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
 [51] *Chiloscyphus austrigenus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Chiloscyphus austrigenus* subsp. *okaritanus* (Steph.) J.J.Engel
 [54] *Chiloscyphus banksianus* (Gottsche) = *Heteroscyphus polycladus* (Hook.f. & Lév.) R.M.Schust.
 [54] *Chiloscyphus beckettianus* Steph. = *Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel

- [53] *Chiloscyphus biciliatus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus bidentatus* Steph. = *Heteroscyphus menziesii* (Mitt.) J.J.Engel
- [53] *Chiloscyphus billardierei* (Schwägr.) Nees = *Heteroscyphus billardierei* (Schwägr.) Schiffn.
- [53] *Chiloscyphus billardierei* f. *ciliatus* (Steph.) Rodway = *Heteroscyphus ciliatus* (Steph.) Schiffn.
- [53] *Chiloscyphus billardierei* var. *hookerianus* Nees = *Heteroscyphus ciliatus* (Steph.) Schiffn.
- [51] *Chiloscyphus bispinosus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus calcareus* (Steph.) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees
- [51] *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees var. *canaliculatus*
- [51] *Chiloscyphus canaliculatus* var. *concaucus* J.J.Engel
- [51] *Chiloscyphus cheesemaniae* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus chlorophyllus* (Hook.f. & Taylor) Mitt. = *Heteroscyphus chlorophyllus* (Hook.f. & Taylor) Schiffn.
- [53] *Chiloscyphus ciliatus* Steph. = *Heteroscyphus ciliatus* (Steph.) Schiffn.
- [53] *Chiloscyphus circumdentatus* W.Martin & E.A.Hodgs. = *Heteroscyphus billardierei* (Schwägr.) Schiffn.
- [53] *Chiloscyphus coalitus* (Hook.) Nees = *Heteroscyphus coalitus* (Hook.) Schiffn.
- [54] *Chiloscyphus colensoi* (Mitt.) Mitt. = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
- [54] *Chiloscyphus colensoi* (Mitt.) Bastow = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
- [53] *Chiloscyphus commutatus* Steph. = *Heteroscyphus ammophilus* (Colenso) R.M.Schust.
- [54] *Chiloscyphus compactus* Colenso = *Leptoscyphus compactus* (Colenso) J.J.Engel
- [53] *Chiloscyphus conjugatus* Mitt. = *Heteroscyphus conjugatus* (Mitt.) J.J.Engel & R.M.Schust.
- [52] *Chiloscyphus crassiretis* (Herzog) Hässel = *Clasmatocolea crassiretis* (Herzog) Grolle
- [53] *Chiloscyphus cuneistipulus* Steph. = *Heteroscyphus cuneistipulus* (Steph.) Schiffn.
- [51] *Chiloscyphus cuspidatus* (Nees) J.J.Engel & R.M.Schust.
- [55] *Chiloscyphus cymbaliferus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Tetracymbaliella cymbalifera* (Hook.f. & Taylor) Grolle
- [51] *Chiloscyphus dallianus* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
- [55] *Chiloscyphus decipiens* Gottsche = *Tetracymbaliella decipiens* (Gottsche) Grolle
- [53] *Chiloscyphus echinellus* (Lindenb. & Gottsche) Mitt. = *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
- [54] *Chiloscyphus epiphytus* Colenso = *Leptoscyphus phyanthus* (Hook.f. & Taylor) J.J.Engel
- [52] *Chiloscyphus erectifolius* (Steph.) Steph. = *Cryptolophocolea pallida* (Mitt.) L.Söderstr.
- [51] *Chiloscyphus erosus* J.J.Engel
- [54] *Chiloscyphus erraticus* W.Martin & E.A.Hodgs. = *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
- [54] *Chiloscyphus excipulatus* (Steph.) J.J.Engel & R.M.Schust. = *Leptoscyphus excipulatus* (Steph.) J.J.Engel
- [51] *Chiloscyphus excisifolius* (Steph.) J.J.Engel & R.M.Schust.
- [54] *Chiloscyphus filicicolus* (Steph.) Steph. = *Leptoscyphus phyanthus* (Hook.f. & Taylor) J.J.Engel
- [55] *Chiloscyphus fiordlandiae* (E.A.Hodgs.) J.J.Engel & R.M.Schust. = *Stolonivector fiordlandiae* (E.A.Hodgs.) J.J.Engel
- [51] *Chiloscyphus fissistipulus* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus fissistipus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.
- [53] *Chiloscyphus floribundus* Steph. = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [52] *Chiloscyphus fulvus* (Steph.) J.J.Engel & R.M.Schust. = *Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
- [53] *Chiloscyphus furcistipulus* E.A.Hodgs. = *Heteroscyphus furcistipulus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus geheebii* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
- [53] *Chiloscyphus gunnianus* Mitt. = *Heteroscyphus gunnianus* (Mitt.) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus hastatus* E.A.Hodgs. = *Heteroscyphus hastatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus hattorii* J.J.Engel
- [52] *Chiloscyphus helmsianus* (Steph.) J.J.Engel & R.M.Schust. = *Cryptolophocolea helmsiana* (Steph.) L.Söderstr.
- [51] *Chiloscyphus herzogii* J.J.Engel & R.M.Schust.
- [54] *Chiloscyphus heterophyllus* Steph. = *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
- [52] *Chiloscyphus humilis* (Hook.f. & Taylor) Hässel = *Clasmatocolea humilis* (Hook.f. & Taylor) Grolle
- [52] *Chiloscyphus inflexifolius* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus subporosus* var. *inflexifolius* (Steph.) J.J.Engel
- [52] *Chiloscyphus inflexispinus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. = *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
- [51] *Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus insularis* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus insularis* Colenso = *Heteroscyphus ammophilus* (Colenso) R.M.Schust.
- [53] *Chiloscyphus kirkii* Steph. = *Heteroscyphus fissistipus* var. *repandus* J.J.Engel
- [53] *Chiloscyphus knightii* Steph. = *Heteroscyphus knightii* (Steph.) Grolle
- [54] *Chiloscyphus laxus* Mitt. = *Leptophyllopsis laxa* (Mitt.) R.M.Schust.
- [51] *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [52] *Chiloscyphus leucophyllus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
- [53] *Chiloscyphus lingulatus* Colenso = *Heteroscyphus lingulatus* (Colenso) J.J.Engel & R.M.Schust.
- [53] *Chiloscyphus lyallii* Mitt. = *Heteroscyphus lyallii* (Mitt.) R.M.Schust.
- [51] *Chiloscyphus marginatus* Colenso = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
- [51] *Chiloscyphus mediifrons* J.J.Engel & Braggins
- [53] *Chiloscyphus menziesii* Mitt. = *Heteroscyphus menziesii* (Mitt.) J.J.Engel
- [52] *Chiloscyphus mittenianus* (Colenso) J.J.Engel = *Cryptolophocolea mitteniana* (Colenso) L.Söderstr.
- [52] *Chiloscyphus mittenianus* (Colenso) J.J.Engel var. *mittenianus* = *Cryptolophocolea mitteniana* (Colenso) L.Söderstr. var. *mitteniana*
- [52] *Chiloscyphus mittenianus* var. *obtusus* J.J.Engel = *Cryptolophocolea mitteniana* var. *obtusus* (J.J.Engel) L.Söderstr.
- [52] *Chiloscyphus mittenianus* var. *symmetricus* J.J.Engel = *Cryptolophocolea mitteniana* var. *symmetrica* (J.J.Engel) L.Söderstr.
- [44] *Chiloscyphus montanus* Steph. = *Geocalyx caledonicus* Steph.
- [42] *Chiloscyphus montanus* Colenso = *Balantiopsis montana* (Colenso) J.J.Engel & G.L.Merr.
- [52] *Chiloscyphus multipennus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. = *Cryptolophocolea pallida* (Mitt.) L.Söderstr.
- [53] *Chiloscyphus multispinus* E.A.Hodgs. & Allison = *Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel
- [51] *Chiloscyphus muricatus* (Lehm.) J.J.Engel & R.M.Schust.
- [54] *Chiloscyphus normalis* (Steph.) E.A.Hodgs. = *Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel
- [52] *Chiloscyphus notophyllus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Clasmatocolea notophylla* (Hook.f. & Taylor) Grolle
- [51] *Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
- [51] *Chiloscyphus novae-zeelandiae* var. *grandistipulus* (Schiffn.) J.J.Engel

- [51] *Chiloscyphus novae-zeelandiae* var. *meridionalis* (Steph.) J.J.Engel
 [51] *Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust. var. *novae-zeelandiae*
 [54] *Chiloscyphus oblongifolius* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
 [54] *Chiloscyphus odoratus* Mitt. = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [51] *Chiloscyphus okaritanus* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus austrigenus* subsp. *okaritanus* (Steph.) J.J.Engel
 [52] *Chiloscyphus pallidus* (Mitt.) J.J.Engel & R.M.Schust. = *Cryptolophocolea pallida* (Mitt.) L.Söderstr.
 [51] *Chiloscyphus parvispineus* J.J.Engel
 [52] *Chiloscyphus pearsonii* J.J.Engel & R.M.Schust. = *Cryptolophocolea trialata* (Gottsche) L.Söderstr.
 [51] *Chiloscyphus perpusillus* (Hook.f. & Taylor) J.J.Engel
 [54] *Chiloscyphus physanthus* (Hook.f. & Taylor) Mitt. = *Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 [53] *Chiloscyphus piperitus* Mitt. = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [54] *Chiloscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. = *Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 [54] *Chiloscyphus polycladus* (Hook.f. & Lév.) Mitt. = *Heteroscyphus polycladus* (Hook.f. & Lév.) R.M.Schust.
 [53] *Chiloscyphus renistipulus* Steph. = *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.
 [54] *Chiloscyphus retusatus* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 [51] *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
 [51] *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [51] *Chiloscyphus semiteres* var. *canaliculatus* (Gottsche, Lindenb. & Nees) J.J.Engel = *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees
 [51] *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb. var. *semiteres*
 [51] *Chiloscyphus septatus* J.J.Engel
 [54] *Chiloscyphus sinuosus* (Hook.) Nees = *Heteroscyphus sinuosus* (Hook.) Schiffn.
 [52] *Chiloscyphus spinifer* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. = *Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.
 [54] *Chiloscyphus splendidus* E.A.Hodgs. = *Heteroscyphus splendidus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [52] *Chiloscyphus strongylophyllus* (Hook.f. & Taylor) Hässel = *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [52] *Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust.
 [52] *Chiloscyphus subporosus* var. *inflexifolius* (Steph.) J.J.Engel
 [52] *Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust. var. *subporosus*
 [54] *Chiloscyphus supinus* Hook.f. & Taylor = *Heteroscyphus supinus* (Hook.f. & Taylor) R.M.Schust.
 [54] *Chiloscyphus triacanthus* (Hook.f. & Lév.) Steph. = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [54] *Chiloscyphus triacanthus* f. *cavernicola* Allison = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [52] *Chiloscyphus trialatus* (Gottsche) J.J.Engel & R.M.Schust. = *Cryptolophocolea trialata* (Gottsche) L.Söderstr.
 [52] *Chiloscyphus trichocoleoides* Glenny, J.J.Engel & He-Nygrén
 [53] *Chiloscyphus tridentatus* Mitt. = *Heteroscyphus knightii* (Steph.) Grolle
 [52] *Chiloscyphus tuberculatus* J.J.Engel = *Cryptolophocolea tuberculata* (J.J.Engel) L.Söderstr.
 [51] *Chiloscyphus variabilis* (Steph.) J.J.Engel & R.M.Schust. = *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
 [52] *Chiloscyphus vermicularis* (Lehm.) Hässel = *Clasmatocolea vermicularis* (Lehm.) Grolle
 [54] *Chiloscyphus vestulus* Colenso = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [52] *Chiloscyphus villosus* (Mitt. ex Steph.) J.J.Engel & R.M.Schust.
 [52] *Chiloscyphus vulcanicus* Colenso = *Cryptolophocolea mitteniana* (Colenso) L.Söderstr. var. *mitteniana*
 [48] *Chloranthes berggrenii* (Herzog) R.M.Schust. = *Lembidium berggrenii* Herzog
 [48] *Chloranthes berggrenii* (Herzog) R.M.Schust. = *Lembidium berggrenii* Herzog
 [48] *Chloranthes filosa* (E.A.Hodgs.) R.M.Schust. = *Lembidium berggrenii* Herzog
 [44] *Chondrophyllum* Herzog = *Herzogobryum* Grolle
 [44] *Chondrophyllum cucullatum* Herzog = *Herzogobryum vermiculare* (Schiffn.) Grolle
 [32] *Chorisodontium burrowsii* Allison = *Holodontium strictum* (Hook.f. & Wilson) Ochyra
 [30] *Chrysoblastella* R.S.Williams
 [30] *Chrysoblastella chilensis* (Mont.) Reimers
 [30] *Chrysoblastella novae-seelandiae* (Broth.) Reimers = *Chrysoblastella chilensis* (Mont.) Reimers
 [43] *Cincinnulus* Dumort. = *Calypogeia* Raddi
 [43] *Cincinnulus trichomanis* var. *sphagnicola* (Arnell & J.Perss.) Meyl. = *Calypogeia sphagnicola* (Arnell & J.Perss.) Warnst. & Loeske
 [37] *Cinclidotus australis* Dixon = *Tridontium tasmanicum* Hook.f.
 [26] *Cladomnion* Hook.f. & Wilson
 [26] *Cladomnion ericoides* (Hook.) Hook.f. & Wilson
 [26] *Cladomnion pallens* Sande Lac. = *Hampeella pallens* (Sande Lac.) M.Fleisch.
 [26] *Cladomnion sciuroides* (Hook.) Hook.f. & Wilson = *Glyphothecium sciuroides* (Hook.) Hampe
 [23] *Cladomnion setosum* (Hedw.) Wilson = *Cyrtopus setosus* (Hedw.) Hook.f.
 [43] *Clandarium* (Grolle) R.M.Schust.
 [43] *Clandarium xiphophyllum* (Grolle) R.M.Schust.
 [52] *Clasmatocolea* Spruce
 [52] *Clasmatocolea amplectens* (Mitt.) J.J.Engel = *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 [52] *Clasmatocolea bisexualis* Glenny & J.J.Engel
 [52] *Clasmatocolea crassiretis* (Herzog) Grolle
 [55] *Clasmatocolea fiordlandiae* (E.A.Hodgs.) Grolle = *Stolonivector fiordlandiae* (E.A.Hodgs.) J.J.Engel
 [52] *Clasmatocolea humilis* (Hook.f. & Taylor) Grolle
 [52] *Clasmatocolea humilis* (Hook.f. & Taylor) Grolle var. *humilis*
 [52] *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 [52] *Clasmatocolea notophylla* (Hook.f. & Taylor) Grolle
 [52] *Clasmatocolea paucistipula* (Rodway) Grolle = *Hepatostolonophora paucistipula* (Rodway) J.J.Engel
 [52] *Clasmatocolea rotata* (Hook.f. & Taylor) Grolle = *Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel
 [52] *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [52] *Clasmatocolea vermicularis* (Lehm.) Grolle
 [52] *Clasmatocolea verrucosa* J.J.Engel
 [52] *Clasmatocolea zotovii* (Herzog) Grolle = *Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel
 [19] *Climaciaceae* Kindb.
 [19] *Climacium* F.Weber & D.Mohr

- [19]*Climacium dendroides* (Hedw.) F.Weber & D.Mohr
 [19]*Climacium novae-seelandiae* Müll.Hal. ex Beckett = *Climacium dendroides* (Hedw.) F.Weber & D.Mohr
 [25]*Codonoblepharon* Schwägr. = *Zygodon* Hook. & Taylor
 [25]*Codonoblepharon gracillimum* (M.Fleisch) Matcham & O'Shea = *Zygodon gracillimus* M.Fleisch.
 [26]*Codonoblepharon menziesii* Schwägr. = *Zygodon menziesii* (Schwägr.) Arn.
 [26]*Codonoblepharon menziesii* var. *angustifolius* (Malta) Matcham & O'Shea = *Zygodon menziesii* (Schwägr.) Arn.
 [26]*Codonoblepharon minutum* (Müll.Hal. & Hampe) Matcham & O'Shea = *Zygodon minutum* Müll.Hal. & Hampe
 [21]*Coelidium* Reichenardt = *Weymouthia* Broth.
 [21]*Coelidium clandestinum* (Hook.f. & Wilson) A.Jaeger = *Lembophyllum clandestinum* (Hook.f. & Wilson) Lindb.
 [21]*Coelidium cochlearifolium* (Schwägr.) Reichenardt = *Weymouthia cochlearifolia* (Schwägr.) Dixon
 [21]*Coelidium divulgum* (Hook.f. & Wilson) Paris = *Lembophyllum divulgum* (Hook.f. & Wilson) Lindb.
 [61]*Cololejeunea* (Spruce) Steph.
 [61]*Cololejeunea appressa* (A.Evans) Benedix
 [61]*Cololejeunea cardiocarpa* (Mont.) A.Evans
 [61]*Cololejeunea cucullifolia* (Herzog) E.A.Hodgs.
 [61]*Cololejeunea ellipsoidea* R.M.Schust.
 [61]*Cololejeunea falcidentata* R.M.Schust.
 [61]*Cololejeunea floccosa* (Lehm. & Lindenb.) Steph.
 [63]*Cololejeunea fragilis* R.M.Schust. = *Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner
 [61]*Cololejeunea grossepapillosa* (Horik.) N.Kitag.
 [61]*Cololejeunea hodgsoniae* (Herzog) E.A.Hodgs.
 [61]*Cololejeunea inflexifolia* R.M.Schust.
 [61]*Cololejeunea laevigata* (Mitt.) R.M.Schust.
 [62]*Cololejeunea minutissima* (Sm.) Schiffn. = *Myriocoleopsis minutissima* (Sm.) R.L.Zhu, Y.Yu & Pócs
 [61]*Cololejeunea pulchella* (Mitt.) R.M.Schust.
 [61]*Cololejeunea pulchella* (Mitt.) R.M.Schust. var. *pulchella*
 [61]*Cololejeunea pulchella* var. *stylifera* R.M.Schust.
 [61]*Cololejeunea velutina* Glenny & M.A.M.Renner
 [61]*Colura* (Dumort.) Dumort.
 [61]*Colura pulcherrima* Jovet-Ast
 [61]*Colura pulcherrima* var. *bartlettii* Jovet-Ast
 [61]*Colura saccophylla* E.A.Hodgs. & Herzog
 [31]*Conomitrium berteroi* Mont. = *Fissidens berteroi* (Mont.) Müll.Hal.
 [31]*Conomitrium dillenii* Mont. = *Fissidens berteroi* (Mont.) Müll.Hal.
 [31]*Conomitrium muelleri* Hampe = *Fissidens berteroi* (Mont.) Müll.Hal.
 [32]*Conomitrium perpusillum* Müll.Hal. & Hampe = *Fissidens tenellus* var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone
 [12]*Conostomum* Sw.
 [12]*Conostomum australe* Sw. = *Conostomum pentastichum* (Brid.) Lindb.
 [12]*Conostomum bellii* R.Br.bis = *Conostomum pusillum* Hook.f. & Wilson
 [12]*Conostomum curvirostrum* (Mitt.) Mitt.
 [12]*Conostomum giganteum* E.B.Bartram & Dixon = *Conostomum pentastichum* (Brid.) Lindb.
 [12]*Conostomum macrocarpum* R.Br.bis = *Conostomum pusillum* Hook.f. & Wilson
 [12]*Conostomum pentastichum* (Brid.) Lindb.
 [12]*Conostomum pusillum* Hook.f. & Wilson
 [12]*Conostomum pusillum* var. *otagoensis* Fife
 [12]*Conostomum pusillum* Hook.f. & Wilson var. *pusillum*
 [32]*Coscinodon* Spreng.
 [32]*Coscinodon australis* Dixon & Sainsbury = *Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochrya
 [32]*Coscinodon calyptratus* (Drumm.) Kindb.
 [17]*Cratoneuron* (Sull.) Spruce
 [17]*Cratoneuron filicinum* (Hedw.) Spruce
 [17]*Cratoneuropsis* (Broth.) M.Fleisch.
 [17]*Cratoneuropsis decussata* (Hook.f. & Wilson) M.Fleisch. ex Broth. = *Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [17]*Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [16]*Crosbya* Vitt
 [16]*Crosbya nervosa* (Hook.f. & Wilson) Vitt
 [16]*Crosbya straminea* (Beckett) Vitt
 [34]*Crossidium* Jur.
 [34]*Crossidium davidai* Catches.
 [34]*Crossidium geheebii* (Broth.) Broth.
 [19]*Cryphaea* D.Mohr
 [19]*Cryphaea acuminata* Hook.f. & Wilson
 [19]*Cryphaea chlorophyllosa* Müll.Hal.
 [19]*Cryphaea confusa* Dixon = *Cyrtodon dilatatus* (Hook.f. & Wilson) Paris & Schimp.
 [19]*Cryphaea dilatata* Hook.f. & Wilson = *Cyrtodon dilatatus* (Hook.f. & Wilson) Paris & Schimp.
 [19]*Cryphaea exannulata* Dixon & Sainsbury = *Cryphaea tenella* (Schwägr) Müll.Hal.
 [19]*Cryphaea ovalifolia* (Müll.Hal.) A.Jaeger
 [19]*Cryphaea parvula* Mitt.
 [19]*Cryphaea tasmanica* Mitt. = *Dendrocryphaea tasmanica* (Mitt.) Broth.
 [19]*Cryphaea tenella* (Schwägr) Müll.Hal.
 [19]*Cryphaeaceae* Schimp.
 [19]*Cryptidium* sect. *Cyrtodon* Broth. = *Cyrtodon* (Broth.) Paris & Schimp. ex M.Fleisch.
 [41]*Cryptochila* R.M.Schust. = *Syzygiella* Spruce
 [41]*Cryptochila acinacifolia* (Hook.f. & Taylor) Grolle = *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
 [41]*Cryptochila grandiflora* (Lindenb. & Gottsche) Grolle = *Syzygiella sonderi* (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs
 [41]*Cryptochila nigrescens* (Steph.) Grolle = *Syzygiella nigrescens* (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs
 [41]*Cryptochila pseudocclusa* (E.A.Hodgs.) R.M.Schust. = *Syzygiella pseudocclusa* (E.A.Hodgs.) K.Feldberg, Váňa, Hentschel & Heinrichs

- [22]*Cryptogonium* (Müll.Hal.) Hampe
 [22]*Cryptogonium phyllogonioides* (Sull.) Isov.
 [52]*Cryptolophocolea* L.Söderstr., Crand.-Stotl. & Váňa
 [52]*Cryptolophocolea aculeata* (Mitt.) L.Söderstr.
 [52]*Cryptolophocolea helmsiana* (Steph.) L.Söderstr.
 [52]*Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
 [52]*Cryptolophocolea mitteniana* (Colenso) L.Söderstr.
 [52]*Cryptolophocolea mitteniana* (Colenso) L.Söderstr. var. *mitteniana*
 [52]*Cryptolophocolea mitteniana* var. *obtusa* (J.J.Engel) L.Söderstr.
 [52]*Cryptolophocolea mitteniana* var. *symmetrica* (J.J.Engel) L.Söderstr.
 [52]*Cryptolophocolea pallida* (Mitt.) L.Söderstr.
 [52]*Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.
 [52]*Cryptolophocolea trialata* (Gottsche) L.Söderstr.
 [52]*Cryptolophocolea tuberculata* (J.J.Engel) L.Söderstr.
 [55]*Cryptoplagiochila* S.D.F.Patzak, M.A.M. Renner & Heinrichs
 [55]*Cryptoplagiochila radiculosa* (Mitt.) S.D.F.Patzak, M.A.M. Renner & Heinrichs
 [26]*Cryptopodium* Brid.
 [26]*Cryptopodium bartramioides* (Hook.) Brid.
 [52]*Cryptostipula* R.M.Schust. = *Hepatostolonophora* J.J.Engel & R.M.Schust.
 [52]*Cryptostipula inundata* R.M.Schust. = *Hepatostolonophora paucistipula* (Rodway) J.J.Engel
 [20]*Ctenidium* (Schimp.) Mitt.
 [20]*Ctenidium pubescens* (Hook.f. & Wilson) Broth.
 [61]*Cumulolejeunea* R.L.Zhu & L.Shu
 [61]*Cumulolejeunea ocellata* (Herzog) R.L.Zhu & L.Shu
 [41]*Cuspidatula* Steph.
 [41]*Cuspidatula kirkii* (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs
 [41]*Cuspidatula monodon* (Taylor ex Lehm.) Steph.
 [53]*Cyanolophocolea* (R.M.Schust.) R.M.Schust. = *Heteroscyphus* Schiffn.
 [53]*Cyanolophocolea echinella* (Lindenb. & Gottsche) R.M.Schust. = *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
 [16]*Cyathophorum* P.Beauv.
 [16]*Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [16]*Cyathophorum bulbosum* var. *minus* (Hook.f. & Wilson) Paris = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [16]*Cyathophorum pennatum* (Labill.) Brid. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [16]*Cyathophorum pennatum* var. *minus* (Hook.f. & Wilson) Wilson = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [17]*Cyclodictyon* Mitt.
 [17]*Cyclodictyon blumeum* (Müll.Hal.) Kuntze
 [30]*Cynodontium flexicaule* Schwägr. = *Ditrichum flexicaule* (Schwägr.) Hampe
 [30]*Cynontodium* Hedw. = *Distichium* Bruch & Schimp.
 [30]*Cynontodium capillaceum* Hedw. = *Distichium capillaceum* (Hedw.) Bruch & Schimp.
 [19]*Cyrtodon* (Broth.) Paris & Schimp. ex M.Fleisch.
 [19]*Cyrtodon dilatatus* (Hook.f. & Wilson) Paris & Schimp.
 [23]*Cyrtopodaceae* M.Fleisch.
 [23]*Cyrtopus* (Brid.) Hook.f.
 [23]*Cyrtopus setosus* (Hedw.) Hook.f.
 [16]*Daltonia* Hook. & Taylor
 [16]*Daltonia nervosa* (Hook.f. & Wilson) Hampe = *Crosbya nervosa* (Hook.f. & Wilson) Vitt
 [16]*Daltonia novae-zelandiae* Mitt. = *Daltonia splachnoides* (Sm.) Hook. & Taylor
 [16]*Daltonia splachnoides* (Sm.) Hook. & Taylor
 [16]*Daltonia straminea* Beckett = *Crosbya straminea* (Beckett) Vitt
 [15]*Daltoniaceae* Schimp.
 [38]*Dawsonia* R.Br.
 [38]*Dawsonia superba* Grev.
 [36]*Dendia* R.Br. bis = *Tortula* Hedw.
 [37]*Dendia maritima* R.Br. bis = *Tortula splachnoides* (Hornsch.) R.H.Zander
 [11]*Dendroceros* Nees
 [11]*Dendroceros allisonii* Herzog = *Dendroceros validus* Steph.
 [11]*Dendroceros giganteus* (Lehm. & Lindenb.) Prosk. = *Nothoceros giganteus* (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar
 [11]*Dendroceros granulatus* Mitt.
 [11]*Dendroceros megasporus* Herzog = *Dendroceros granulatus* Mitt.
 [11]*Dendroceros nodulosus* Steph. = *Dendroceros granulatus* Mitt.
 [11]*Dendroceros validus* Steph.
 [11]*Dendrocerotaceae* J.Haseg.
 [11]*Dendrocerotales* Hässel
 [11]*Dendrocerotidae* R.J.Duff
 [19]*Dendrocryphaea* Paris & Schimp. ex Broth.
 [19]*Dendrocryphaea tasmanica* (Mitt.) Broth.
 [16]*Dendrohypopterygium* Kruijer
 [16]*Dendrohypopterygium filiculiforme* (Hedw.) Kruijer
 [49]*Dendrolembidium insulanum* (W.Martin & E.A.Hodgs.) Allison & E.A.Hodgs. = *Megalembidium insulanum* (W.Martin & E.A.Hodgs.) R.M.Schust.
 [49]*Dendrolembidium martinii* Herzog = *Megalembidium insulanum* (W.Martin & E.A.Hodgs.) R.M.Schust.
 [48]*Dendrolembidium tenax* (Grev.) Herzog = *Kurzia tenax* (Grev.) Grolle
 [38]*Dendroligotrichum* (Müll.Hal.) Broth.
 [38]*Dendroligotrichum dendroides* subsp. *microdendron* (Müll.Hal.) G.L.Sm. = *Dendroligotrichum tongariroense* (Colenso) Tangney
 [38]*Dendroligotrichum microdendron* (Müll.Hal.) G.L.Sm. = *Dendroligotrichum tongariroense* (Colenso) Tangney
 [38]*Dendroligotrichum tongariroense* (Colenso) Tangney
 [55]*Dendromastigophora* R.M.Schust.

- [55] *Dendromastigophora flagellifera* (Hook.) R.M.Schust.
 [36] *Desmatodon convolutus* (Brid.) Grout = *Tortula atrovirens* (Sm.) Lindb.
 [35] *Desmatodon heimii* (Hedw.) Mitt. = *Henediella heimii* (Hedw.) R.H.Zander
 [35] *Desmatodon lingulatus* (Hook.f. & Wilson) Sainsbury = *Didymodon tophaceus* (Brid.) Lisa
 [37] *Desmatodon viridipilus* (Dixon & Sainsbury) Sainsbury = *Tortula viridipila* Dixon & Sainsbury
 [26] *Dichelodontium* Hook.f. & Wilson ex Broth.
 [26] *Dichelodontium nitidum* (Hook.f. & Wilson) Broth.
 [29] *Dicnemoloma* (Renauld) Renauld = *Sclerodontium* Schwägr.
 [29] *Dicnemoloma pallidum* (Hook.) Wijk & Margad. = *Sclerodontium pallidum* (Hook.) Schwägr.
 [29] *Dicnemoloma sieberianum* (Spreng.) Broth. = *Sclerodontium pallidum* (Hook.) Schwägr.
 [28] *Dicnemon* Schwägr.
 [28] *Dicnemon calycinum* (Hook.) Schwägr.
 [28] *Dicnemon dixonianum* B.H.Allen
 [29] *Dicnemon obsolete* Hampe & Müll.Hal. = *Dicranoloma fasciatum* (Hedw.) Paris
 [28] *Dicnemon semicryptum* Müll.Hal.
 [28] *Dicnemonaceae* Broth.
 [28] *Dicranaceae* Schimp.
 [28] *Dicranales* H.Philib. ex M.Fleisch.
 [28] *Dicranella* (Müll.Hal.) Schimp.
 [28] *Dicranella cardotii* (R.Br.bis) Dixon
 [29] *Dicranella clathrata* (Hook.f. & Wilson) A.Jaeger = *Dicranella vaginata* (Hook.) Cardot
 [29] *Dicranella dietrichiae* (Müll.Hal.) A.Jaeger
 [29] *Dicranella egmontensis* Dixon = *Kiaeria pumila* (Mitt.) Ochyra
 [29] *Dicranella gracillima* (Beckett) Paris
 [29] *Dicranella heteromalla* (Hedw.) Schimp.
 [30] *Dicranella perfalcata* E.B.Bartram & Dixon = *Ditrichum brevirostre* (R.Br.bis) Broth.
 [30] *Dicranella rufoaurea* (Hampe) A.Jaeger = *Ditrichum rufoaureum* (Hampe) J.H.Willis
 [29] *Dicranella schreberiana* (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
 [29] *Dicranella vaginata* (Hook.) Cardot
 [29] *Dicranella vaginata* var. *clathrata* (Hook.f. & Wilson) Sainsbury = *Dicranella vaginata* (Hook.) Cardot
 [30] *Dicranella vaginata* var. *longifolia* Dixon & Sainsbury = *Ditrichum punctulatum* Mitt.
 [28] *Dicranella wairarapensis* Dixon = *Dicranella cardotii* (R.Br.bis) Dixon
 [27] *Dicranidae* Dowell
 [29] *Dicranodontium australe* Dixon = *Dicranoloma menziesii* (Taylor) Renauld
 [28] *Dicranodontium flexipes* Mitt. = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [28] *Dicranodontium lineare* Mitt. = *Campylopodium lineare* (Mitt.) Dixon
 [28] *Dicranodontium proscriptum* Hook.f. & Wilson = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [29] *Dicranoloma* (Renauld) Renauld
 [29] *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranoloma chrysodrepanum* Dixon = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma cylindropyxis* Dixon = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma dicarpum* (Nees) Paris
 [29] *Dicranoloma dicranoides* Paris = *Dicranoloma dicarpum* (Nees) Paris
 [29] *Dicranoloma fasciatum* (Hedw.) Paris
 [29] *Dicranoloma grossialare* Dixon = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma integrifolium* Dixon = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranoloma menziesii* (Hook.f. & Wilson) Paris = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranoloma menziesii* var. *rigidum* (Hook.f. & Wilson) Paris = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranoloma obesifolium* (R.Br.bis) Broth.
 [29] *Dicranoloma obsolete* Hampe & Müll.Hal.) Paris = *Dicranoloma fasciatum* (Hedw.) Paris
 [29] *Dicranoloma platycaulon* Dixon
 [29] *Dicranoloma plurisetum* Dixon
 [29] *Dicranoloma pungens* (Hook.f. & Wilson) Paris = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma robustum* var. *setosum* (Hook.f. & Wilson) Sainsbury = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma scopelloides* (Paris) Paris = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranoloma setosum* (Hook.f. & Wilson) Paris = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma setosum* var. *attenuatum* (Hook.f. & Wilson) Paris = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranoloma trichopodium* (Mitt.) Broth. = *Holomitrium trichopodium* (Mitt.) Klazenga
 [32] *Dicranoweisia* Lindb. ex Milde
 [32] *Dicranoweisia antarctica* (Müll.Hal.) Kindb.
 [32] *Dicranoweisia mackayi* (Broth. & Dixon) Broth. = *Dicranoweisia antarctica* (Müll.Hal.) Kindb.
 [29] *Dicranoweisia spenceri* Dixon & Sainsbury = *Kiaeria spenceri* (Dixon & Sainsbury) Fife
 [29] *Dicranum* Hedw.
 [29] *Dicranum aucklandicum* Dixon = *Kiaeria pumila* (Mitt.) Ochyra
 [28] *Dicranum bicolor* Müll.Hal. = *Campylopus bicolor* (Müll.Hal.) Hook.f. & Wilson
 [29] *Dicranum billardierei* Brid. = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranum billardierei* var. *duriusculum* Hook.f. & Wilson = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranum brachypelma* Müll.Hal. = *Dicranoloma menziesii* (Taylor) Renauld
 [32] *Dicranum candidum* P.Beauv. = *Leucobryum javense* (Brid.) Mitt.
 [28] *Dicranum cardotii* R.Br.bis = *Dicranella cardotii* (R.Br.bis) Dixon
 [29] *Dicranum clathratum* Hook.f. & Wilson = *Dicranella vaginata* (Hook.) Cardot
 [28] *Dicranum clavatum* R.Br. = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [33] *Dicranum colinum* R.Br.bis = *Blindia robusta* Hampe
 [29] *Dicranum dicarpum* Nees = *Dicranoloma dicarpum* (Nees) Paris
 [29] *Dicranum dicarpum* var. *spinosum* Hook.f. & Wilson = *Dicranoloma dicarpum* (Nees) Paris
 [29] *Dicranum fasciatum* Hedw. = *Dicranoloma fasciatum* (Hedw.) Paris
 [29] *Dicranum fulvum* R.Br.bis = *Dicranoloma menziesii* (Taylor) Renauld

- [36] *Dicranum gulliveri* R.Br.bis = *Tetracoscinodon irroratus* (Mitt.) R.H.Zander
 [29] *Dicranum heteromallum* Hedw. = *Dicranella heteromalla* (Hedw.) Schimp.
 [28] *Dicranum holomitrium* Müll.Hal. = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [30] *Dicranum incanum* Mitt. = *Sclerodontium pallidum* (Hook.) Schwägr.
 [32] *Dicranum inerme* Mitt. = *Holodontium strictum* (Hook.f. & Wilson) Ochyra
 [28] *Dicranum introflexum* Hedw. = *Campylopus introflexus* (Hedw.) Brid.
 [37] *Dicranum kowaiense* R.Br.bis = *Tridontium tasmanicum* Hook.f.
 [37] *Dicranum lancifolium* R.Br.bis = *Tridontium tasmanicum* Hook.f.
 [29] *Dicranum leioneuron* Kindb.
 [28] *Dicranum leptocephalum* Müll.Hal. = *Campylopus introflexus* (Hedw.) Brid.
 [29] *Dicranum leucolomoides* Müll.Hal. = *Dicranoloma dicarpum* (Nees) Paris
 [32] *Dicranum mackayi* Broth. & Dixon = *Dicranoweisia antarctica* (Müll.Hal.) Kindb.
 [29] *Dicranum menziesii* Taylor = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranum menziesii* Hook.f. & Wilson = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranum menziesii* var. *rigidum* Hook.f. & Wilson = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranum obesifolium* R.Br.bis = *Dicranoloma obesifolium* (R.Br.bis) Broth.
 [29] *Dicranum orthopyxis* Müll.Hal. = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranum plurisetum* (Dixon) Fife = *Dicranoloma plurisetum* Dixon
 [29] *Dicranum pungens* Hook.f. & Wilson = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [30] *Dicranum purpureum* Hedw. = *Ceratodon purpureus* (Hedw.) Brid.
 [29] *Dicranum robustum* Hook.f. & Wilson = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [33] *Dicranum rupestre* R.Br.bis = *Blindia robusta* Hampe
 [29] *Dicranum schreberianum* Hedw. = *Dicranella schreberiana* (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
 [29] *Dicranum scopelloides* Paris = *Dicranoloma billardierei* (Brid.) Paris
 [32] *Dicranum* sect. *Holodontium* Mitt. = *Holodontium* (Mitt.) Broth.
 [29] *Dicranum setosum* Hook.f. & Wilson = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranum setosum* var. *attenuatum* Hook.f. & Wilson = *Dicranoloma robustum* (Hook.f. & Wilson) Paris
 [29] *Dicranum sieberianum* Hornsch. ex Spreng. = *Sclerodontium pallidum* (Hook.) Schwägr.
 [29] *Dicranum subconfine* Müll.Hal. = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Dicranum* subgen. *Trichodontium* Dixon = *Kiaeria* I.Hagen
 [28] *Dicranum sulphureoflavus* Müll.Hal. = *Campylopus clavatus* (R.Br.) Hook.f. & Wilson
 [33] *Dicranum tenuifolium* Hook.f. & Wilson = *Blindia robusta* Hampe
 [29] *Dicranum trichophyllum* Hampe = *Dicranoloma menziesii* (Taylor) Renauld
 [29] *Dicranum trichopodium* Mitt. = *Holomitrium trichopodium* (Mitt.) Klazenga
 [29] *Dicranum vaginatum* Hook. = *Dicranella vaginata* (Hook.) Cardot
 [29] *Dicranum waimakaririense* R.Br.bis = *Dicranella schreberiana* (Hedw.) Hilf. ex H.A.Crum & L.E.Anderson
 [35] *Didymodon* Hedw.
 [35] *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [34] *Didymodon binnsii* (R.Br.bis) Dixon = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [30] *Didymodon calycinus* Dixon = *Ceratodon purpureus* (Hedw.) Brid.
 [35] *Didymodon ceratodonteus* (Müll.Hal.) Dixon
 [34] *Didymodon dubius* (Schwägr.) Paris = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [34] *Didymodon erubescens* Mitt. = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [36] *Didymodon fragilis* Hook. & Wilson = *Tortella fragilis* (Hook. & Wilson) Limpr.
 [35] *Didymodon interruptus* Mitt. = *Leptodontium interruptum* (Mitt.) Broth.
 [35] *Didymodon lingulatus* (Hook.f. & Wilson) Broth. = *Didymodon tophaceus* (Brid.) Lisa
 [28] *Didymodon medius* Duby = *Campylopodium capillaceum* (Hook.f. & Wilson) Fife
 [35] *Didymodon novae-zelandiae* J.E.Beever & Fife
 [37] *Didymodon papillatus* Hook.f. & Wilson = *Triquetrella papillata* (Hook.f. & Wilson) Broth.
 [34] *Didymodon rubellus* var. *dentatus* Schimp. = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [35] *Didymodon tophaceus* (Brid.) Lisa
 [35] *Didymodon torquatus* (Taylor) Catches.
 [35] *Didymodon weymouthii* (R.Br.bis) R.H.Zander
 [55] *Dinckleria* Trevis
 [56] *Dinckleria fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs
 [56] *Dinckleria pleurata* (Hook.f. & Taylor) Trevis.
 [61] *Diplasiolejeunea* (Spruce) Schiffn.
 [61] *Diplasiolejeunea lyratifolia* (Hook.f. & Taylor) Steph. = *Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle
 [61] *Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle
 [61] *Diplasiolejeunea pusilla* Grolle
 [57] *Diplophyllum* (Dumort.) Dumort.
 [58] *Diplophyllum acutilobum* Steph. = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [43] *Diplophyllum densifolium* f. *decurvum* Rodway = *Clandarium xiphophyllum* (Grolle) R.M.Schust.
 [57] *Diplophyllum dioicum* R.M.Schust.
 [58] *Diplophyllum domesticum* (Gottsche) Steph. = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [58] *Diplophyllum domesticum* (Gottsche) Steph. var. *domesticum* = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [58] *Diplophyllum domesticum* var. *icari* J.J.Engel & G.L.Merr. = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [55] *Diplophyllum exsecta* (Schmidel ex Schrad.) Thériot & Monguillon = *Tritomaria exsecta* (Schmidel ex Schrad.) Loesche
 [58] *Diplophyllum gemmiparum* J.J.Engel & G.L.Merr.
 [58] *Diplophyllum marionense* S.W.Arnell = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [58] *Diplophyllum novum* J.J.Engel & G.L.Merr.
 [58] *Diplophyllum obtusifolium* (Hook.) Dumort.
 [58] *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [58] *Diplophyllum randii* S.W.Arnell ex R.M.Schust. = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Vána
 [58] *Diplophyllum verrucosum* R.M.Schust.
 [42] *Diplophyllum vertebrale* (Taylor ex Gottsche, Lindenb. & Nees) Steph. = *Blepharidophyllum vertebrale* (Taylor ex Gottsche, Lindenb. & Nees) Ångstr. ex C.Massal.
 [27] *Dissodon callophyllum* Müll.Hal. = *Tayloria callophylla* (Müll.Hal.) Mitt.
 [27] *Dissodon plagiopus* (Mont.) Müll.Hal. = *Tayloria octoblepharum* (Hook.) Mitt.

- [27]*Dissodon purpurascens* (Hook.f. & Wilson) Müll.Hal. = *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
 [27]*Dissodon purpureus* Müll.Hal. = *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
 [30]*Distichium* Bruch & Schimp.
 [30]*Distichium capillaceum* (Hedw.) Bruch & Schimp.
 [16]*Distichophyllum* Dozy & Molk.
 [16]*Distichophyllum adnatum* (Hook.f. & Wilson) Broth. = *Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon
 [16]*Distichophyllum amblyophyllum* (Hook.f. & Wilson) Mitt. = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum crenulatum* Müll.Hal. = *Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [16]*Distichophyllum crispulum* (Hook.f. & Wilson) Mitt.
 [16]*Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon
 [16]*Distichophyllum crispulum* (Hook.f. & Wilson) Mitt. var. *crispulum*
 [16]*Distichophyllum fuegianum* Matteri = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum integerrimum* Müll.Hal. = *Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon
 [16]*Distichophyllum kraussei* (Lorentz) Mitt. = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum microcarpum* (Hedw.) Mitt.
 [16]*Distichophyllum microcarpum* var. *homodictyon* Sainsbury = *Distichophyllum microcarpum* (Hedw.) Mitt.
 [15]*Distichophyllum platyloma* Müll.Hal. = *Calyptrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [16]*Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum pulchellum* var. *ellipticifolium* Sainsbury = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum pulchellum* var. *parvirete* Sainsbury = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16]*Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [30]*Ditrichaceae* Limpr.
 [30]*Ditrichum* Timm ex Hampe
 [30]*Ditrichum australe* (Mitt.) Mitt. = *Ditrichum strictum* (Hook.f. & Wilson) Hampe
 [30]*Ditrichum brevirostre* (R.Br.bis) Broth.
 [30]*Ditrichum brotherusii* (R.Br.bis) Seppelt
 [30]*Ditrichum buchananii* (R.Br.bis) Broth.
 [30]*Ditrichum cylindricarpum* (Müll.Hal.) F.Muell.
 [30]*Ditrichum cylindricum* (Hedw.) Grout = *Trichodon cylindricus* (Hedw.) Schimp.
 [30]*Ditrichum difficile* (Duby) M.Fleisch.
 [30]*Ditrichum elongatum* (Hook.f. & Wilson) Mitt. = *Ditrichum cylindricarpum* (Müll.Hal.) F.Muell.
 [29]*Ditrichum falcifolium* E.B.Bartram & Dixon = *Kiaeria pumila* (Mitt.) Ochyra
 [30]*Ditrichum filiformifolium* (R.Br.bis) Broth. = *Ditrichum punctulatum* Mitt.
 [30]*Ditrichum flexicaule* (Schwägr.) Hampe
 [30]*Ditrichum flexifolium* Hampe = *Ditrichum difficile* (Duby) M.Fleisch.
 [30]*Ditrichum fragilicuspis* Dixon & Sainsbury = *Ditrichum flexicaule* (Schwägr.) Hampe
 [30]*Ditrichum punctulatum* Mitt.
 [30]*Ditrichum rufoaureum* (Hampe) J.H.Willis
 [30]*Ditrichum strictum* (Hook.f. & Wilson) Hampe
 [17]*Drepanocladus* (Müll.Hal.) G.Roth
 [17]*Drepanocladus aduncus* (Hedw.) Warnst.
 [17]*Drepanocladus brachiatus* (Mitt.) Dixon
 [17]*Drepanocladus cossonii* (Schimp.) Loeske = *Scorpidium cossonii* (Schimp.) Hedenäs
 [18]*Drepanocladus fluitans* (Hedw.) Warnst. = *Warnstorfia fluitans* (Hedw.) Loeske
 [17]*Drepanocladus polycarpus* (Voit) Warnst. = *Drepanocladus aduncus* (Hedw.) Warnst.
 [17]*Drepanocladus polygamus* (Schimp.) Hedenäs = *Campyliadelphus polygamus* (Schimp.) Kanda
 [17]*Drepanocladus revolvens* subsp. *intermedius* (Lindb.) Grout = *Scorpidium cossonii* (Schimp.) Hedenäs
 [17]*Drepanocladus* sect. *Sanionia* (Loeske) Broth. = *Sanionia* Loeske
 [17]*Drepanocladus uncinatus* (Hedw.) Warnst. = *Sanionia uncinata* (Hedw.) Loeske
 [61]*Drepanolejeunea* (Spruce) (Steph.)
 [61]*Drepanolejeunea aucklandica* Steph.
 [62]*Drepanolejeunea filicuspis* Steph. = *Microlejeunea filicuspis* (Steph.) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [62]*Drepanolejeunea latitans* (Hook.f. & Taylor) Steph. = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [62]*Drepanolejeunea minima* Steph. = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [61]*Drepanolejeunea pentadactyla* (Mont.) Steph.
 [61]*Drepanolejeunea plicatiloba* (Hook.f. & Taylor) Steph. = *Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle
 [61]*Drepanolejeunea ternatensis* (Gottsche) Steph.
 [61]*Drepanolejeunea vesiculosa* (Mitt.) Steph.
 [61]*Drepanolejeunea vesiculosa* subsp. *euvesiculosa* Herzog
 [47]*Drucella* E.A.Hodgs.
 [47]*Drucella integrispula* (Steph.) E.A.Hodgs.
 [33]*Dryptodon crispulus* Hook.f. & Wilson = *Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
 [67]*Dumortiera* Nees
 [67]*Dumortiera hirsuta* (Sw.) Nees
 [67]*Dumortieriaceae* D.G.Long
 [30]*Eccremidium* Wilson
 [30]*Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
 [30]*Eccremidium pulchellum* (Hook.f. & Wilson) Müll.Hal.
 [19]*Echinodiaceae* Broth.
 [19]*Echinodiopsis hispida* (Hook.f. & Wilson) S.Olsson, Enroth & D.Quandt = *Echinodium hispidum* (Hook.f. & Wilson) Reichardt
 [19]*Echinodiopsis umbrosa* (Mitt.) S.Olsson, Enroth & D.Quandt = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [19]*Echinodiopsis umbrosa* var. *glaucoviride* (Mitt.) S.Olsson, Enroth & D.Quandt = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [19]*Echinodium* Jur.
 [19]*Echinodium glaucoviride* (Mitt.) A.Jaeger = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [19]*Echinodium hispidum* (Hook.f. & Wilson) Reichardt
 [19]*Echinodium umbrosum* (Mitt.) A.Jaeger
 [19]*Echinodium umbrosum* var. *glaucoviride* (Mitt.) S.P.Churchill = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [19]*Echinodium umbrosum* (Mitt.) A.Jaeger var. *umbrosum* = *Echinodium umbrosum* (Mitt.) A.Jaeger

- [61] *Echinolejeunea* R.M.Schust.
 [61] *Echinolejeunea papillata* (Mitt.) R.M.Schust. ex Hamlin
 [20] *Ectropothecium* Mitt.
 [20] *Ectropothecium sandwichense* (Hook. & Arn.) Mitt.
 [37] *Encalypta* Hedw.
 [37] *Encalypta novae-zealandiae* Colenso = *Encalypta vulgaris* Hedw.
 [37] *Encalypta rhamnoides* Schwägr.
 [37] *Encalypta vulgaris* Hedw.
 [37] *Encalyptaceae* Schimp.
 [37] *Encalyptales* Dixon
 [19] *Entodon* Müll.Hal.
 [19] *Entodon beckettii* Müll.Hal. = *Entodon plicatus* Müll.Hal.
 [19] *Entodon plicatus* Müll.Hal.
 [19] *Entodon truncorum* Mitt. = *Entodon plicatus* Müll.Hal.
 [19] *Entodontaceae* Kindb.
 [37] *Entosthodon* Schwägr.
 [38] *Entosthodon acaulis* (Hampe) Fife = *Entosthodon radians* (Hedw.) Müll.Hal.
 [37] *Entosthodon apophysatus* (Taylor) Mitt.
 [38] *Entosthodon gracilis* Hook.f. & Wilson = *Entosthodon subnudus* var. *gracilis* (Hook.f. & Wilson) Fife
 [38] *Entosthodon jamesonii* (Taylor) Mitt.
 [38] *Entosthodon jamesonii* subsp. *productus* (Mitt.) Fife
 [38] *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
 [38] *Entosthodon muhlenbergii* (Turner) Fife
 [38] *Entosthodon physcomitrioides* Müll.Hal. = *Physcomitrium pyriforme* (Hedw.) Hampe
 [38] *Entosthodon productus* Mitt. = *Entosthodon jamesonii* subsp. *productus* (Mitt.) Fife
 [38] *Entosthodon radians* (Hedw.) Müll.Hal.
 [38] *Entosthodon subnudus* (Taylor) Fife
 [38] *Entosthodon subnudus* var. *gracilis* (Hook.f. & Wilson) Fife
 [42] *Eoisotachis* R.M.Schust.
 [42] *Eoisotachis stephanii* (E.S.Salmon) R.M.Schust.
 [59] *Eotrichocolea* R.M.Schust.
 [59] *Eotrichocolea polyacantha* (Hook.f. & Taylor) R.M.Schust.
 [33] *Ephemeraceae* J.W.Griff. & Henfr.
 [33] *Ephemerella* Müll.Hal. = *Ephemerum* Hampe
 [38] *Ephemerella readeri* Müll.Hal. = *Physcomitridium readeri* (Müll.Hal.) G.Roth.
 [16] *Ephemeropsis* K.I.Goebel
 [16] *Ephemeropsis trentepohlioides* (Renner) Sainsbury
 [33] *Ephemerum* Hampe
 [34] *Ephemerum crassinervium* subsp. *sessile* (Bruch) Holyoak = *Ephemerum sessile* (Bruch) Müll.Hal.
 [34] *Ephemerum serratum* (Hedw.) Hampe
 [34] *Ephemerum sessile* (Bruch) Müll.Hal.
 [30] *Ephemerum whiteleggei* Broth. & Geh. = *Eccecidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
 [14] *Epipterygium* Lindb.
 [14] *Epipterygium obovatum* Ochyra = *Epipterygium opararensense* Fife & A.J.Shaw
 [14] *Epipterygium opararensense* Fife & A.J.Shaw
 [27] *Eremodon octoblepharis* (Hook.) Hook.f. & Wilson = *Tayloria octoblepharum* (Hook.) Mitt.
 [27] *Eremodon purpurascens* (Hook.f. & Wilson) Hook.f. & Wilson = *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
 [38] *Eremodon radians* (Hedw.) Brid. = *Entosthodon radians* (Hedw.) Müll.Hal.
 [27] *Eremodon robustus* Hook.f. & Wilson = *Tayloria callophylla* (Müll.Hal.) Mitt.
 [55] *Eremonotus confusus* R.M.Schust. = *Andrewsianthus perigonalis* (Hook.f. & Taylor) R.M.Schust.
 [18] *Eriodon* Mont.
 [18] *Eriodon cylindritheca* (Dixon) Dixon & Sainsbury
 [15] *Eriopus* Brid. = *Calyptrochaeta* Desv.
 [15] *Eriopus apiculatus* (Hook.f. & Wilson) Mitt. = *Calyptrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [16] *Eriopus brassii* E.B.Bartram = *Calyptrochaeta flexicollis* (Mitt.) Vitt
 [16] *Eriopus brownii* Dixon = *Calyptrochaeta brownii* (Dixon) J.K.Bartlett
 [16] *Eriopus cristatus* (Hedw.) Brid. = *Calyptrochaeta cristata* (Hedw.) Desv.
 [16] *Eriopus flexicollis* (Mitt.) A.Jaeger = *Calyptrochaeta flexicollis* (Mitt.) Vitt
 [16] *Eriopus jelinekii* Müll.Hal. = *Calyptrochaeta cristata* (Hedw.) Desv.
 [15] *Eriopus tasmanicus* Broth. = *Calyptrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [31] *Erpodiaceae* Broth.
 [31] *Erpodium* (Brid.) Müll.Hal.
 [31] *Erpodium glaucum* (Wilson) I.G.Stone
 [34] *Erythrobarbula* Steere = *Bryoerythrophyllum* P.C.Chen
 [34] *Erythrobarbula binnsii* (R.Br.bis) Sainsbury = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [34] *Erythrobarbula recurvirostra* (Hedw.) Steere = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [34] *Erythrobarbula recurvirostra* var. *dentata* (Schimp.) Sainsbury = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [34] *Erythrophyllum* (Lindb.) Loeske = *Bryoerythrophyllum* P.C.Chen
 [15] *Eucamptodon inflatus* (Hook.f. & Wilson) Mitt. = *Pulchrinodus inflatus* (Hook.f. & Wilson) B.H.Allen
 [15] *Eucamptodon inflatus* var. *neocaldonicus* Cardot = *Pulchrinodus inflatus* (Hook.f. & Wilson) B.H.Allen
 [29] *Eucamptodon petriei* Broth. = *Dicranoloma obesifolium* (R.Br.bis) Broth.
 [36] *Eucladium irroratum* (Mitt.) A.Jaeger = *Tetracoscinodon irroratum* (Mitt.) R.H.Zander
 [62] *Eulejeunea subelobata* (Carrington & Pearson) Steph. = *Lejeunea subelobata* Carrington & Pearson
 [67] *Euosmolejeunea trifaria* (Reinw., Blume & Nees) Steph. = *Cheilolejeunea trifaria* (Reinw., Blume & Nees) Mizut.
 [18] *Eurhynchium* Schimp.
 [18] *Eurhynchium asperipes* (Mitt.) Dixon
 [18] *Eurhynchium austrinum* (Hook.f. & Wilson) A.Jaeger = *Platyhypnidium austrinum* (Hook.f. & Wilson) M.Fleisch.
 [19] *Eurhynchium cucullatum* (Mitt.) I.G.Stone & G.A.M.Scott = *Scorpiurium cucullatum* (Mitt.) Hedenäs
 [18] *Eurhynchium ellipticifolium* Dixon & Sainsbury = *Eurhynchium speciosum* (Brid.) Jur.

- [18] *Eurhynchium muriculatum* (Hook.f. & Wilson) A.Jaeger = *Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [18] *Eurhynchium novae-zealandiae* (Dixon) Fife = *Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [18] *Eurhynchium praelongum* (Hedw.) Schimp.
 [18] *Eurhynchium pulchellum* (Hedw.) Jenn.
 [18] *Eurhynchium speciosum* (Brid.) Jur.
 [19] *Fabronia Raddi*
 [19] *Fabronia antarctica* Paris = *Fabronia australis* Hook.
 [19] *Fabronia australis* Hook.
 [19] *Fabronia leptura* (Taylor) Broth. = *Ischyrodon lepturus* (Taylor) Schelpe
 [19] *Fabronia octoblepharis* C.Knight = *Fabronia australis* Hook.
 [19] *Fabroniaceae* Schimp.
 [20] *Fallaciella* H.A.Crum
 [20] *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [20] *Fallaciella robusta* Tangney & Fife
 [20] *Fifea* H.A.Crum
 [20] *Fifea aciphylla* (Dixon & Sainsbury) H.A.Crum
 [66] *Fimbraria australis* Hook.f. & Taylor = *Asterella australis* (Hook.f. & Taylor) Verd.
 [66] *Fimbraria tenera* Mitt. = *Asterella tenera* (Mitt.) R.M.Schust.
 [31] *Fissidens* Hedw.
 [31] *Fissidens abbreviatus* Mitt. = *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone
 [31] *Fissidens adianthoides* Hedw.
 [31] *Fissidens aeruginosus* Hook.f. & Wilson = *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone
 [31] *Fissidens aeruginosus* var. *allisonii* (Dixon & Sainsbury) I.G.Stone = *Fissidens linearis* Brid.
 [31] *Fissidens aeruginosus* var. *arcuatulus* (Broth. & Watts) I.G.Stone = *Fissidens linearis* Brid.
 [31] *Fissidens allisonii* Dixon & Sainsbury = *Fissidens linearis* Brid.
 [31] *Fissidens anisophyllus* Dixon
 [31] *Fissidens arboreus* Broth. = *Fissidens hyophilus* Mitt.
 [31] *Fissidens arcuatulus* Broth. & Watts = *Fissidens linearis* Brid.
 [31] *Fissidens asplenioides* Hedw.
 [32] *Fissidens australiensis* A.Jaeger = *Fissidens tenellus* var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone
 [31] *Fissidens berteroi* (Mont.) Müll.Hal.
 [31] *Fissidens blechnoides* J.E.Beever
 [32] *Fissidens brevifolius* Hook.f. & Wilson = *Fissidens taylorii* var. *sainsburyanus* J.E.Beever
 [31] *Fissidens bryoides* Hedw.
 [31] *Fissidens campyloneurus* Beckett = *Fissidens curvatus* Hornsch.
 [31] *Fissidens capitatus* Hook.f. & Wilson
 [31] *Fissidens cheesemanii* Geh. = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens crispulus* Brid.
 [31] *Fissidens crispulus* var. *robinsonii* (Broth.) Z.Iwats. & Z.H.Li
 [31] *Fissidens cristatus* Mitt. = *Fissidens dubius* P.Beauv.
 [31] *Fissidens curvatus* Hornsch.
 [31] *Fissidens curvatus* Hornsch. var. *curvatus*
 [31] *Fissidens curvatus* var. *inclinabilis* (Dixon) J.E.Beever
 [31] *Fissidens dealbatus* Hook.f. & Wilson
 [31] *Fissidens dietrichiae* Müll.Hal.
 [31] *Fissidens dubius* P.Beauv.
 [32] *Fissidens epiphytus* Allison = *Fissidens taylorii* var. *epiphytus* (Allison) I.G.Stone & J.E.Beever
 [31] *Fissidens exilis* Hedw.
 [31] *Fissidens gonioneurus* Müll.Hal. = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens humilis* var. *allisonii* (Dixon & Sainsbury) Sainsbury = *Fissidens linearis* Brid.
 [31] *Fissidens humilis* var. *angustifolius* Dixon = *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone
 [31] *Fissidens hylogenes* Dixon
 [31] *Fissidens hyophilus* Mitt.
 [31] *Fissidens inclinabilis* Müll.Hal. ex Dixon = *Fissidens curvatus* var. *inclinabilis* (Dixon) J.E.Beever
 [31] *Fissidens integerrimus* Mitt.
 [31] *Fissidens knightii* Reichardt = *Fissidens asplenioides* Hedw.
 [31] *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens leptocladus* subsp. *gonioneurus* Dixon = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens leptocladus* var. *cheesemanii* Dixon = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens ligulatus* Hook.f. & Wilson = *Fissidens asplenioides* Hedw.
 [31] *Fissidens linearis* Brid.
 [31] *Fissidens linearis* var. *aeruginosus* (Hook.f. & Wilson) I.G.Stone = *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone
 [31] *Fissidens linearis* var. *angustifolius* (Dixon) I.G.Stone
 [31] *Fissidens linearis* Brid. var. *linearis*
 [31] *Fissidens megalotis* Schimp. ex Müll.Hal.
 [31] *Fissidens megalotis* Schimp. ex Müll.Hal. subsp. *megalotis*
 [31] *Fissidens muelleri* (Hampe) Mitt. = *Fissidens berteroi* (Mont.) Müll.Hal.
 [27] *Fissidens novae-hollandiae* Brid. = *Rhizogonium novae-hollandiae* (Brid.) Brid.
 [31] *Fissidens oblongifolius* Hook.f. & Wilson
 [31] *Fissidens oblongifolius* var. *capitatus* (Hook.f. & Wilson) Hook.f. & Wilson = *Fissidens capitatus* Hook.f. & Wilson
 [31] *Fissidens oblongifolius* var. *hyophilus* (Mitt.) J.E.Beever & I.G.Stone = *Fissidens hyophilus* Mitt.
 [31] *Fissidens obscurifolius* Dixon = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31] *Fissidens pallidus* Hook.f. & Wilson
 [31] *Fissidens perangustus* Broth.
 [32] *Fissidens perpusillus* (Müll.Hal. & Hampe) Mitt. = *Fissidens tenellus* var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone
 [32] *Fissidens pulvinatus* Hedw. = *Grimmia pulvinata* (Hedw.) Sm. & Sowerby
 [32] *Fissidens pulvinatus* var. *africanus* Hedw. = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [31] *Fissidens pungens* Müll.Hal. & Hampe = *Fissidens curvatus* Hornsch.
 [31] *Fissidens pungens* var. *inclinabilis* (Dixon) Sainsbury = *Fissidens curvatus* var. *inclinabilis* (Dixon) J.E.Beever

- [31]*Fissidens pygmaeus* Taylor = *Fissidens taylorii* Müll.Hal.
 [31]*Fissidens ramiger* Beckett = *Fissidens taylorii* Müll.Hal.
 [31]*Fissidens rigidulus* Hook.f. & Wilson
 [31]*Fissidens rigidulus* var. *pseudostrictus* J.E.Beever
 [31]*Fissidens rigidulus* Hook.f. & Wilson var. *rigidulus*
 [31]*Fissidens robinsonii* Broth. = *Fissidens crispulus* var. *robinsonii* (Broth.) Z.Iwats. & Z.H.Li
 [31]*Fissidens strictus* Hook.f. & Wilson
 [31]*Fissidens subelamellosus* Dixon = *Fissidens curvatus* var. *inclinabilis* (Dixon) J.E.Beever
 [31]*Fissidens taxifolius* Hedw.
 [31]*Fissidens taylorii* Müll.Hal.
 [32]*Fissidens taylorii* var. *epiphytus* (Allison) I.G.Stone & J.E.Beever
 [32]*Fissidens taylorii* var. *sainsburiana* Allison = *Fissidens taylorii* var. *sainsburyanus* J.E.Beever
 [32]*Fissidens taylorii* var. *sainsburyanus* J.E.Beever
 [32]*Fissidens taylorii* Müll.Hal. var. *taylorii*
 [32]*Fissidens tenellus* Hook.f. & Wilson
 [32]*Fissidens tenellus* var. *australiensis* (A.Jaeger) J.E.Beever & I.G.Stone
 [32]*Fissidens tenellus* Hook.f. & Wilson var. *tenellus*
 [31]*Fissidens variolimbatus* Allison = *Fissidens leptocladus* Müll.Hal. ex Rodway
 [31]*Fissidens viridulus* var. *acuminatus* Hook.f. & Wilson = *Fissidens curvatus* Hornsch.
 [31]*Fissidens vittatus* Hook.f. & Wilson = *Fissidens megalotis* Schimp. ex Müll.Hal.
 [32]*Fissidens waiensis* J.E.Beever
 [31]*Fissidentaceae* Schimp.
 [65]*Fossombronia* Raddi
 [65]*Fossombronia australis* Mitt.
 [65]*Fossombronia gigantea* Steph. = *Fossombronia australis* Mitt.
 [66]*Fossombronia microspora* Herzog = *Fossombronia reticulata* Steph.
 [65]*Fossombronia naumannii* Schiffn. = *Fossombronia australis* Mitt.
 [65]*Fossombronia perpusilla* (Colenso) Steph. = *Fossombronia pusilla* (L.) Nees
 [65]*Fossombronia pusilla* (L.) Nees
 [66]*Fossombronia reticulata* Steph.
 [66]*Fossombronia wondraczekii* (Corda) Dumort.
 [65]*Fossombroniaceae* Hazsl.
 [65]*Fossombroniales* Schljakov
 [59]*Frullania* Raddi
 [59]*Frullania allanii* E.A.Hodgs.
 [59]*Frullania anomala* E.A.Hodgs.
 [59]*Frullania apiculata* (Reinw., Blume & Nees) Nees
 [59]*Frullania aterrima* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania aterrima* var. *lepida* E.A.Hodgs. = *Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [60]*Frullania aterrima* var. *rostrata* (R.M.Schust.) S.Hatt. = *Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [60]*Frullania banksiana* Colenso = *Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania berggrenii* W.E.Nicholson = *Frullania nicholsonii* E.A.Hodgs.
 [59]*Frullania chevalieri* (R.M.Schust.) R.M.Schust.
 [59]*Frullania colliculosa* von Konrat, Braggins, Hentschel & Heinrichs
 [59]*Frullania congesta* Gottsche, Lindenb. & Nees
 [60]*Frullania cornigera* Mitt. = *Goebeliella cornigera* (Mitt.) Steph.
 [60]*Frullania deplanata* Mitt.
 [60]*Frullania dissitifolia* Steph. = *Frullania congesta* Gottsche, Lindenb. & Nees
 [60]*Frullania falciloba* Lehm.
 [60]*Frullania falciloba* var. *setchellii* (Pearson) E.A.Hodgs. = *Frullania setchellii* Pearson
 [60]*Frullania fugax* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania fugax* var. *media* E.A.Hodgs. = *Frullania media* (E.A.Hodgs.) S.Hatt.
 [60]*Frullania grollei* Hamlin = *Frullania congesta* Gottsche, Lindenb. & Nees
 [60]*Frullania hampeana* Nees = *Frullania monocera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [60]*Frullania incumbens* Mitt.
 [60]*Frullania kirkii* Steph. = *Frullania patula* Mitt.
 [60]*Frullania knightbridgei* von Konrat & de Lange
 [60]*Frullania media* (E.A.Hodgs.) S.Hatt.
 [60]*Frullania monocera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania monocera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *monocera*
 [60]*Frullania monocera* var. *subhampeana* (E.A.Hodgs.) Hentschel & von Konrat
 [60]*Frullania nicholsonii* E.A.Hodgs.
 [60]*Frullania novae-zelandiae* Colenso = *Frullania monocera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania novaustralis* S.Hatt. = *Frullania rostrata* (Hook.f. & Taylor) Hook.f. & Taylor
 [60]*Frullania patula* Mitt.
 [60]*Frullania probosciphora* Taylor
 [60]*Frullania ptychantha* Mont.
 [60]*Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania reptans* Mitt. = *Frullania probosciphora* Taylor
 [60]*Frullania rostellata* Mitt.
 [60]*Frullania rostrata* (Hook.f. & Taylor) Hook.f. & Taylor
 [60]*Frullania scandens* Mont.
 [60]*Frullania setchellii* Pearson
 [60]*Frullania solanderiana* Colenso
 [63]*Frullania spathulistipus* (Reinw., Blume & Nees) Nees = *Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.
 [60]*Frullania spinifera* Taylor
 [60]*Frullania squarrosula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [60]*Frullania subhampeana* E.A.Hodgs. = *Frullania monocera* var. *subhampeana* (E.A.Hodgs.) Hentschel & von Konrat

- [60]*Frullania subrostrata* S.Hatt. = *Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [60]*Frullania svihlana* S.Hatt.
 [60]*Frullania toropuku* von Konrat, de Lange & Larrain
 [60]*Frullania truncatistyla* von Konrat, Hentschel, Heinrichs & Braggins
 [60]*Frullania wairua* von Konrat & Braggins
 [59]**Frullaniaceae** Lorch
 [57]*Fulfordiella* Hässel = *Isophyllaria* E.A.Hodgs. & Allison
 [38]**Funaria** Hedw.
 [38]*Funaria acaulis* Hampe = *Entosthodon radians* (Hedw.) Müll.Hal.
 [37]*Funaria apophysata* (Taylor) Broth. = *Entosthodon apophysatus* (Taylor) Mitt.
 [38]*Funaria crispula* Hook.f. & Wilson = *Entosthodon radians* (Hedw.) Müll.Hal.
 [38]*Funaria cuspidata* Hook.f. & Wilson = *Entosthodon subnudus* var. *gracilis* (Hook.f. & Wilson) Fife
 [38]*Funaria glabra* Taylor = *Entosthodon muhlenbergii* (Turner) Fife
 [38]*Funaria gracilis* (Hook.f. & Wilson) Broth. = *Entosthodon subnudus* var. *gracilis* (Hook.f. & Wilson) Fife
 [38]*Funaria hygrometrica* Hedw.
 [38]*Funaria laxa* (Hook.f. & Wilson) Broth. = *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
 [38]*Funaria muhlenbergii* Turner = *Entosthodon muhlenbergii* (Turner) Fife
 [38]*Funaria producta* (Mitt.) Broth. = *Entosthodon jamesonii* subsp. *productus* (Mitt.) Fife
 [38]*Funaria radians* (Hedw.) Müll.Hal. = *Entosthodon radians* (Hedw.) Müll.Hal.
 [38]*Funaria subattenuata* Broth. = *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
 [38]*Funaria subnuda* Taylor = *Entosthodon subnudus* (Taylor) Fife
 [38]*Funaria tasmanica* Müll.Hal. & Hampe = *Entosthodon muhlenbergii* (Turner) Fife
 [37]**Funariaceae** Schwägr.
 [37]**Funariales** M.Fleisch.
 [37]**Funariidae** Ochyra
 [45]**Gackstroemia** Trevis.
 [45]*Gackstroemia alpina* R.M.Schust.
 [45]*Gackstroemia novae-zelandiae* R.M.Schust & J.J.Engel
 [45]*Gackstroemia weindorferi* (Herzog) Grolle
 [26]*Garovaglia* sect. *Cladomnion* (Hook.f. & Wilson) Mitt. = *Cladomnion* Hook.f. & Wilson
 [35]*Geheebia weymouthii* (R.Br.bis) R.H.Zander = *Didymodon weymouthii* (R.Br.bis) R.H.Zander
 [13]*Gemmabryum caespiticium* (Hedw.) J.R.Spence = *Bryum caespiticium* Hedw.
 [13]*Gemmabryum clavatum* (Schimp.) J.R.Spence & H.P.Ramsay = *Bryum clavatum* (Schimp.) Müll.Hal.
 [13]*Gemmabryum coronatum* (Schwägr.) J.R.Spence & H.P.Ramsay = *Bryum coronatum* Schwägr.
 [13]*Gemmabryum crassum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay = *Bryum crassum* Hook.f. & Wilson
 [13]*Gemmabryum dichotomum* (Hedw.) J.R.Spence & H.P.Ramsay = *Bryum dichotomum* Hedw.
 [13]*Gemmabryum laevigatum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay = *Bryum laevigatum* Hook.f. & Wilson
 [13]*Gemmabryum pachythecum* (Müll.Hal.) J.R.Spence & H.P.Ramsay = *Bryum coronatum* Schwägr.
 [14]*Gemmabryum preissianum* (Hampe) J.R.Spence & H.P.Ramsay = *Bryum preissianum* Hampe
 [14]*Gemmabryum radiculosum* (Brid.) J.R.Spence & H.P.Ramsay = *Bryum radiculosum* Brid.
 [14]*Gemmabryum rubens* (Mitt.) J.R.Spence & H.P.Ramsay = *Bryum rubens* Mitt.
 [14]*Gemmabryum ruderale* (Crundw. & Nyholm) J.R.Spence = *Bryum ruderale* Crundw. & Nyholm
 [14]*Gemmabryum sauteri* (Bruch & Schimp.) J.R.Spence & H.P.Ramsay = *Bryum sauteri* Bruch & Schimp.
 [14]*Gemmabryum tenuisetum* (Limpr.) J.R.Spence & H.P.Ramsay = *Bryum tenuisetum* Limpr.
 [44]**Geocalyceae** H.Klinggr.
 [44]**Geocalyx** Nees
 [44]*Geocalyx caledonicus* Steph.
 [38]**Gigaspermaceae** Broth.
 [38]**Gigaspermales** Goffinet, Wickett, O.Werner, Ros, A.J.Shaw & C.J.Cox
 [38]**Gigaspermum** Lindb.
 [38]*Gigaspermum repens* (Hook.) Lindb.
 [26]**Glyphothecium** Hampe
 [26]*Glyphothecium alare* Dixon & Sainsbury = *Hampeella alaris* (Dixon & Sainsbury) Sainsbury
 [26]*Glyphothecium muellerianum* Hampe = *Glyphothecium sciuroides* (Hook.) Hampe
 [26]*Glyphothecium sciuroides* (Hook.) Hampe
 [60]**Goebeliella** Steph.
 [60]*Goebeliella cornigera* (Mitt.) Steph.
 [60]**Goebeliellaceae** Verd.
 [41]**Goebelobryum** Grolle
 [41]*Goebelobryum paradoxum* (R.M.Schust.) E.A.Hodgs. = *Austrolophozia paradoxa* R.M.Schust.
 [41]*Goebelobryum unguiculatum* (Hook.f. & Taylor) Grolle
 [41]*Goebelobryum vermiculare* J.J.Engel & Glenny
 [27]**Goniobryum** Lindb.
 [27]*Goniobryum subbasilare* (Hook.) Lindb.
 [38]**Goniomitrium** Hook. & Wilson
 [38]*Goniomitrium acuminatum* Hook. & Wilson
 [58]**Gottschea** Nees ex Mont.
 [58]*Gottschea chlorophylla* Colenso = *Schistochila chlorophylla* (Colenso) J.J.Engel & R.M.Schust.
 [58]*Gottschea ciliata* Mitt. = *Schistochila ciliata* (Mitt.) Steph.
 [58]*Gottschea conchophylla* (E.A.Hodgs. & Allison) Grolle & Zijlstra
 [58]*Gottschea conchophylla* var. *multidentata* J.J.Engel = *Gottschea multidentata* (J.J.Engel) Glenny & J.J.Engel
 [59]*Gottschea laciniosa* Colenso = *Schistochila repleta* (Hook.f. & Taylor) Steph.
 [58]*Gottschea multidentata* (J.J.Engel) Glenny & J.J.Engel
 [58]*Gottschea pinnatifolia* (Hook.) Nees
 [58]*Gottschea tuloides* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [32]**Grimmia** Hedw.
 [32]*Grimmia affinis* Hornsch. = *Grimmia longirostris* Hook.
 [32]*Grimmia anodon* Bruch & Schimp.
 [33]*Grimmia apocarpa* Hedw. = *Schistidium apocarpum* (Hedw.) Bruch & Schimp.

- [33]*Grimmia aquatica* R.Br.bis = *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
 [32]*Grimmia argentea* R.Br.bis = *Grimmia plagiopodia* Hedw.
 [32]*Grimmia asperitricha* Dixon & Sainsbury = *Grimmia reflexidens* Müll.Hal.
 [36]*Grimmia atrovirens* Sm. = *Tortula atrovirens* (Sm.) Lindb.
 [32]*Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra
 [33]*Grimmia barrii* R.Br.bis = *Ptychomitrium australe* (Hampe) A.Jaeger
 [32]*Grimmia bellii* R.Br.bis = *Grimmia laevigata* (Brid.) Brid.
 [32]*Grimmia calyptrata* Drumm. = *Coscinodon calyptratus* (Drumm.) Kindb.
 [32]*Grimmia campestris* Burch. ex Hook. = *Grimmia laevigata* (Brid.) Brid.
 [32]*Grimmia coarctata* Müll.Hal. = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [32]*Grimmia cockaynei* R.Br.bis = *Grimmia trichophylla* Grev.
 [33]*Grimmia didyma* Mont. = *Racomitrium didymum* (Mont.) Lorentz
 [33]*Grimmia diminuta* R.Br.bis = *Seligeria diminuta* (R.Br.bis) Dixon
 [33]*Grimmia elegans* Müll.Hal. = *Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
 [33]*Grimmia finitima* R.Br.bis = *Grimmia trichophylla* Grev.
 [33]*Grimmia flexifolia* R.Br.bis = *Grimmia trichophylla* Grev.
 [32]*Grimmia grisea* Cardot = *Grimmia reflexidens* Müll.Hal.
 [33]*Grimmia hedwigiaea* Müll.Hal. = *Schistidium apocarpum* (Hedw.) Bruch & Schimp.
 [32]*Grimmia immersa* Ochyra = *Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra
 [32]*Grimmia inaequalis* Dixon & Sainsbury = *Grimmia incrasscapsulis* B.G.Bell
 [32]*Grimmia incrasscapsulis* B.G.Bell
 [33]*Grimmia kaikouraensis* R.Br.bis = *Grimmia trichophylla* Grev.
 [32]*Grimmia laevigata* (Brid.) Brid.
 [32]*Grimmia longirostris* Hook.
 [33]*Grimmia oamaruense* R.Br.bis = *Schistidium apocarpum* (Hedw.) Bruch & Schimp.
 [32]*Grimmia obovata* R.Br.bis = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [32]*Grimmia perpilosa* Ochyra = *Grimmia australis* (Dixon & Sainsbury) J.M.Muñoz & Ochyra
 [33]*Grimmia petriei* R.Br.bis = *Grimmia trichophylla* Grev.
 [32]*Grimmia plagiopodia* Hedw.
 [33]*Grimmia ptychophylla* Mitt. = *Racomitrium ptychophyllum* (Mitt.) Mitt.
 [32]*Grimmia pulvinata* (Hedw.) Sm. & Sowerby
 [32]*Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [32]*Grimmia pusilla* R.Br.bis = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [32]*Grimmia reflexidens* Müll.Hal.
 [33]*Grimmia rivularis* Brid. = *Schistidium rivulare* (Brid.) Podp.
 [32]*Grimmia rotunda* R.Br.bis = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [33]*Grimmia stevensii* R.Br.bis = *Grimmia trichophylla* Grev.
 [33]*Grimmia subflexifolia* Müll.Hal. = *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
 [32]*Grimmia trichophylla* Grev.
 [33]*Grimmia turneri* R.Br.bis = *Ptychomitrium australe* (Hampe) A.Jaeger
 [33]*Grimmia versabilis* R.Br.bis = *Grimmia trichophylla* Grev.
 [32]*Grimmia webbii* R.Br.bis = *Grimmia pulvinata* var. *africana* (Hedw.) Hook.f. & Wilson
 [33]*Grimmia wilsonii* H.Greven
 [32]**Grimmiaceae** Arn.
 [32]**Grimmiales** M.Fleisch.
 [40]*Gymnanthe* Taylor ex Lehm. = *Acrobolbus* Nees
 [40]*Gymnanthe cinerascens* (Lehm. & Lindenb.) Mitt. = *Acrobolbus cinerascens* (Lehm. & Lindenb.) Bastow
 [40]*Gymnanthe concinna* Mitt. = *Acrobolbus concinnus* (Mitt.) Grolle
 [40]*Gymnanthe hirsutum* Colenso = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [40]*Gymnanthe lophocoleoides* Mitt. = *Acrobolbus lophocoleoides* (Mitt.) Schiffn.
 [55]*Gymnanthe lutescens* (Lehm. & Lindenb.) Mitt. = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [40]*Gymnanthe setulosa* Mitt. = *Acrobolbus setulosus* (Mitt.) Briscoe
 [40]*Gymnanthe tenella* Taylor ex Lehm. = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [45]**Gymnomitriaceae** H.Klinggr.
 [45]**Gymnomitron** Corda
 [47]*Gymnomitron acinacifolium* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg,
 Váňa, Hentschel & Heinrichs
 [44]*Gymnomitron atrocapillum* Hook.f. & Taylor = *Herzogobryum atrocapillum* (Hook.f. & Taylor) Grolle
 [45]*Gymnomitron cuspidatum* (Berggr.) R.M.Schust. = *Gymnomitron incompletum* (Gottsche) R.M.Schust. ex Váňa
 [44]*Gymnomitron denticulatum* (Berggr.) Müll.Frib. = *Nothogymnomitron erosum* (Carrington & Pearson) R.M.Schust.
 [44]*Gymnomitron erosum* (Carrington & Pearson) Bastow = *Nothogymnomitron erosum* (Carrington & Pearson) R.M.Schust.
 [45]*Gymnomitron incompletum* (Gottsche) R.M.Schust. = *Gymnomitron incompletum* (Gottsche) R.M.Schust. ex Váňa
 [45]*Gymnomitron incompletum* (Gottsche) R.M.Schust. ex Váňa
 [55]*Gymnomitron lutescens* (Lehm. & Lindenb.) Gottsche = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [44]*Gymnomitron marionense* S.W.Arnell = *Herzogobryum atrocapillum* (Hook.f. & Taylor) Grolle
 [59]*Gymnomitron orbiculatum* Colenso = *Solenostoma orbiculatum* (Colenso) R.M.Schust.
 [45]*Gymnomitron strictum* (Berggr.) R.M.Schust.
 [45]*Gymnomitron strictum* var. *inaequalis* R.M.Schust.
 [45]*Gymnomitron strictum* (Berggr.) R.M.Schust. var. *strictum*
 [44]*Gymnomitron vermiculare* Schiffn. = *Herzogobryum vermiculare* (Schiffn.) Grolle
 [35]**Gymnostomum** Nees & Hornsch.
 [34]*Gymnostomum aestivum* Hedw. = *Anoetangium aestivum* (Hedw.) Mitt.
 [35]*Gymnostomum angustatum* C.Knight = *Gymnostomum calcareum* Nees & Hornsch.
 [37]*Gymnostomum apophysatum* Taylor = *Entosthodon apophysatus* (Taylor) Mitt.
 [36]*Gymnostomum areolatum* C.Knight = *Tortula areolata* (C.Knight) Fife
 [35]*Gymnostomum calcareum* Nees & Hornsch.
 [35]*Gymnostomum calcareum* var. *australe* Broth. & Geh. = *Gymnostomum calcareum* Nees & Hornsch.
 [35]*Gymnostomum calcareum* var. *longifolium* Dixon = *Gymnostomum calcareum* Nees & Hornsch.
 [26]*Gymnostomum complanatum* Hook.f. & Wilson = *Calomnion complanatum* (Hook.f. & Wilson) Lindb.

- [35] *Gymnostomum davallianum* Sm. = *Microbryum davallianum* (Sm.) R.H.Zander
 [35] *Gymnostomum gibsonii* R.Br. bis = *Gymnostomum calcareum* Nees & Hornsch.
 [35] *Gymnostomum heimii* Hedw. = *Hennediella heimii* (Hedw.) R.H.Zander
 [35] *Gymnostomum involutum* Hook. = *Hyophila involuta* (Hook.) A.Jaeger
 [35] *Gymnostomum knightii* Schimp. ex Knight = *Didymodon ceratodonteus* (Müll.Hal.) Dixon
 [38] *Gymnostomum laxum* Hook.f. & Wilson = *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
 [35] *Gymnostomum minutulum* Schwägr. = *Microbryum davallianum* (Sm.) R.H.Zander
 [35] *Gymnostomum ovatum* Hedw. = *Pterygoneurum ovatum* (Hedw.) Dixon
 [35] *Gymnostomum parisi* R.Br.bis = *Gymnostomum calcareum* Nees & Hornsch.
 [37] *Gymnostomum patulum* C.Knight = *Weissia patula* (C.Knight) Fife
 [35] *Gymnostomum pygmaeum* R.Br.bis = *Gymnostomum calcareum* Nees & Hornsch.
 [38] *Gymnostomum pyriforme* Hedw. = *Physcomitrium pyriforme* (Hedw.) Hampe
 [34] *Gymnostomum recurvirostrum* Hedw. = *Ardeuma recurvirostrum* R.H.Zander & Hedd.
 [35] *Gymnostomum salomonii* R.Br.bis = *Gymnostomum calcareum* Nees & Hornsch.
 [38] *Gymnostomum* subgen. *Physcomitrium* Brid. = *Physcomitrium* (Brid.) Brid.
 [37] *Gymnostomum truncatum* Hedw. = *Tortula truncata* (Hedw.) Mitt.
 [37] *Gymnostomum waimakaririense* R.Br.bis = *Weissia controversa* var. *gymnostoma* Sainsbury
 [26] *Hampeella* Müll.Hal.
 [26] *Hampeella alaris* (Dixon & Sainsbury) Sainsbury
 [26] *Hampeella alaris* var. *symmetrica* (Sainsbury) J.Milne & Klazenga = *Hampeella alaris* (Dixon & Sainsbury) Sainsbury
 [26] *Hampeella pallens* (Sande Lac.) M.Fleisch.
 [26] *Hampeella pallens* var. *symmetrica* Sainsbury = *Hampeella alaris* (Dixon & Sainsbury) Sainsbury
 [18] *Haplohymenium Dozy & Molk.*
 [18] *Haplohymenium huttonii* (Mitt.) Broth. = *Haplohymenium pseudotriste* (Müll.Hal.) Broth.
 [18] *Haplohymenium pseudotriste* (Müll.Hal.) Broth.
 [39] *Haplomitriaceae* Dedeček
 [39] *Haplomitriidae* Stotler & Crand.-Stotl.
 [39] *Haplomitriopsida* Stotler & Crand.-Stotl.
 [39] *Haplomitrium* Nees
 [40] *Haplomitrium gibbsiae* (Steph.) R.M.Schust.
 [40] *Haplomitrium hookeri* var. *minutum* (E.O.Campb.) Bartholomew-Began = *Haplomitrium minutum* (E.O.Campb.) J.J.Engel & R.M.Schust.
 [40] *Haplomitrium minutum* (E.O.Campb.) J.J.Engel & R.M.Schust.
 [40] *Haplomitrium ovalifolium* R.M.Schust.
 [62] *Harpalejeunea colensoi* Steph. = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [62] *Harpalejeunea filicuspis* (Steph.) Mizut. = *Microlejeunea filicuspis* (Steph.) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [62] *Harpalejeunea latitans* (Hook.f. & Taylor) Grolle = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [15] *Hedwigia* P.Beauv.
 [15] *Hedwigia albicans* Lindb. = *Hedwigia ciliata* (Hedw.) P.Beauv.
 [16] *Hedwigia bulbosa* (Hedw.) Brid. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [15] *Hedwigia ciliata* (Hedw.) P.Beauv.
 [15] *Hedwigia humboldtii* (Hook.) Hook. = *Rhacocarpus purpurascens* (Brid.) Paris
 [15] *Hedwigia humboldtii* var. *australis* (Hook.f. & Wilson) Hook.f. & Wilson = *Rhacocarpus purpurascens* (Brid.) Paris
 [15] *Hedwigia integrifolia* P.Beauv. = *Hedwigidium integrifolium* (P.Beauv.) C.E.O.Jensen
 [15] *Hedwigia microcyathia* (Müll.Hal.) Paris = *Hedwigia ciliata* (Hedw.) P.Beauv.
 [15] *Hedwigiaceae* Schimp.
 [15] *Hedwigiales* Ochyra
 [15] *Hedwigidium* Bruch & Schimp.
 [15] *Hedwigidium integrifolium* (P.Beauv.) C.E.O.Jensen
 [35] *Hennedia intermedia* R.Br.bis = *Hennediella macrophylla* (R.Br.bis) Paris
 [35] *Hennedia macrophylla* R.Br.bis = *Hennediella macrophylla* (R.Br.bis) Paris
 [35] *Hennediella* Paris
 [35] *Hennediella arenae* (Besch.) R.H.Zander
 [35] *Hennediella arenae* (Besch.) R.H.Zander var. *arenae*
 [35] *Hennediella arenae* var. *petriei* (Broth.) R.H.Zander
 [35] *Hennediella heimii* (Hedw.) R.H.Zander
 [35] *Hennediella intermedia* (R.Br.bis) Paris = *Hennediella macrophylla* (R.Br.bis) Paris
 [35] *Hennediella macrophylla* (R.Br.bis) Paris
 [35] *Hennediella microphylla* (R.Br.bis) Paris = *Hennediella macrophylla* (R.Br.bis) Paris
 [15] *Hepaticina* Müll.Hal. = *Achrophyllum* Vitt & Crosby
 [15] *Hepaticina cyclophylla* Müll.Hal. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Hepaticina nanocaulis* Müll.Hal. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Hepaticina pseudo-obscura* Müll.Hal. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [52] *Hepatostolonophora* J.J.Engel & R.M.Schust.
 [52] *Hepatostolonophora paucistipula* (Rodway) J.J.Engel
 [52] *Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel
 [53] *Hepatostolonophora rotata* var. *perssonii* (R.M.Schust.) J.J.Engel
 [53] *Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel var. *rotata*
 [45] *Herbertaceae* Müll.Frib. ex Fulford & Hatcher
 [45] *Herbertus* Gray
 [45] *Herbertus alpinus* (Steph.) E.A.Hodgs. = *Herbertus oldfieldianus* (Steph.) Rodway
 [45] *Herbertus attenuatus* (Mitt.) Kuntze = *Lepicolea attenuata* (Mitt.) Steph.
 [45] *Herbertus oldfieldianus* (Steph.) Rodway
 [45] *Herbertus scolopendra* (Hook.) Kuntze = *Lepicolea scolopendra* (Hook.) Trevis.
 [48] *Herbertus spinosissimus* (Hook.f. & Taylor) Trevis. = *Lepidozia spinosissima* (Hook.f. & Taylor) Mitt.
 [46] *Herpetium involutum* Mont. = *Bazzania involuta* (Mont.) Trevis.
 [48] *Herpetium* sect. *Lepidozia* Nees = *Lepidozia* (Dumort.) Dumort.
 [45] *Herpocladium* Mitt. = *Herbertus* Gray

- [45] *Herzogianthaceae* Stotler & Crand.-Stotl.
 [45] *Herzogianthus* R.M.Schust.
 [45] *Herzogianthus sanguineus* R.M.Schust.
 [45] *Herzogianthus vaginatus* (Herzog) R.M.Schust.
 [44] *Herzogobryum* Grolle
 [43] *Herzogobryum aterrimum* (Steph.) Grolle = *Cephalomitrium aterrimum* (Steph.) R.M.Schust.
 [44] *Herzogobryum atrocapillum* (Hook.f. & Taylor) Grolle
 [44] *Herzogobryum cucullatum* (Herzog) Grolle = *Herzogobryum vermiculare* (Schiffn.) Grolle
 [44] *Herzogobryum erosum* (Carrington & Pearson) Grolle = *Nothogymnomitrium erosum* (Carrington & Pearson) R.M.Schust.
 [43] *Herzogobryum filiarum* Grolle = *Cephalomitrium aterrimum* (Steph.) R.M.Schust.
 [44] *Herzogobryum filiforme* R.M.Schust.
 [41] *Herzogobryum teres* (Carrington & Pearson) Grolle = *Syzygiella teres* (Carrington & Pearson) Vána
 [44] *Herzogobryum vermiculare* (Schiffn.) Grolle
 [53] *Heteroscyphus* Schiffn.
 [53] *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus ammophilus* (Colenso) R.M.Schust.
 [53] *Heteroscyphus ammophilus* (Colenso) R.M.Schust. var. *ammophilus*
 [53] *Heteroscyphus ammophilus* var. *obtusifolius* J.J.Engel & G.L.Merr.
 [53] *Heteroscyphus argutus* (Reinw., Blume & Nees) Schiffn.
 [53] *Heteroscyphus assurgentifolius* J.J.Engel
 [53] *Heteroscyphus biciliatus* (Hook.f. & Taylor) J.J.Engel = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus billardierei* (Schwägr.) Schiffn.
 [53] *Heteroscyphus billardierei* (Schwägr.) Schiffn. var. *billardierei*
 [53] *Heteroscyphus billardierei* var. *clasmatocoleoides* (J.J.Engel & G.L.Merr.) J.J.Engel
 [53] *Heteroscyphus chlorophyllus* (Hook.f. & Taylor) Schiffn.
 [53] *Heteroscyphus ciliatus* (Steph.) Schiffn.
 [53] *Heteroscyphus circumdentatus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust. = *Heteroscyphus billardierei* (Schwägr.) Schiffn.
 [53] *Heteroscyphus circumdentatus* var. *clasmatocoleoides* J.J.Engel & G.L.Merr. = *Heteroscyphus billardierei* var. *clasmatocoleoides* (J.J.Engel & G.L.Merr.) J.J.Engel
 [53] *Heteroscyphus coalitus* (Hook.) Schiffn.
 [53] *Heteroscyphus coalitus* (Hook.) Schiffn. var. *coalitus*
 [53] *Heteroscyphus coalitus* var. *simplicifolius* J.J.Engel
 [54] *Heteroscyphus colensoi* (Mitt.) Schiffn. = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
 [54] *Heteroscyphus compactus* (Colenso) R.M.Schust. = *Leptoscyphus compactus* (Colenso) J.J.Engel
 [53] *Heteroscyphus conjugatus* (Mitt.) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus cuneistipulus* (Steph.) Schiffn.
 [55] *Heteroscyphus cymbaliferus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust. = *Tetracymbaliella cymbalifera* (Hook.f. & Taylor) Grolle
 [53] *Heteroscyphus deceptifrons* J.J.Engel
 [55] *Heteroscyphus decipiens* (Gottsche) J.J.Engel & R.M.Schust. = *Tetracymbaliella decipiens* (Gottsche) Grolle
 [53] *Heteroscyphus dentammophilus* J.J.Engel & G.L.Merr.
 [53] *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
 [53] *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén var. *echinellus*
 [53] *Heteroscyphus echinellus* var. *hyalinus* J.J.Engel
 [54] *Heteroscyphus erraticus* (W.Martin & E.A.Hodgs.) J.J.Engel & R.M.Schust. = *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
 [53] *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.
 [53] *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn. var. *fissistipus*
 [53] *Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel
 [53] *Heteroscyphus fissistipus* var. *repandus* J.J.Engel
 [53] *Heteroscyphus furcistipulus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus gunnianus* (Mitt.) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus hastatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [54] *Heteroscyphus heterophyllus* (Steph.) J.J.Engel & R.M.Schust. = *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
 [53] *Heteroscyphus knightii* (Steph.) Grolle
 [53] *Heteroscyphus lingulatus* (Colenso) J.J.Engel & R.M.Schust.
 [53] *Heteroscyphus lyallii* (Mitt.) R.M.Schust.
 [53] *Heteroscyphus menziesii* (Mitt.) J.J.Engel
 [54] *Heteroscyphus mononucleus* J.J.Engel
 [54] *Heteroscyphus mononucleus* var. *ammophilopsis* J.J.Engel
 [54] *Heteroscyphus mononucleus* var. *bilobus* J.J.Engel
 [54] *Heteroscyphus mononucleus* J.J.Engel var. *mononucleus*
 [44] *Heteroscyphus montanus* J.J.Engel & R.M.Schust. = *Geocalyx caledonicus* Steph.
 [53] *Heteroscyphus multispinus* (E.A.Hodgs. & Allison) J.J.Engel & R.M.Schust. = *Heteroscyphus fissistipus* var. *multispinus* (E.A.Hodgs. & Allison) J.J.Engel
 [54] *Heteroscyphus normalis* (Steph.) R.M.Schust. = *Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel
 [54] *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
 [54] *Heteroscyphus odoratus* (Mitt.) Schiffn. = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [54] *Heteroscyphus parallelifolius* J.J.Engel
 [54] *Heteroscyphus physanthus* (Hook.f. & Taylor) R.M.Schust. = *Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 [54] *Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 [54] *Heteroscyphus polycladus* (Hook.f. & Lév.) R.M.Schust.
 [53] *Heteroscyphus renistipulus* (Steph.) Schiffn. = *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.
 [54] *Heteroscyphus sinuosus* (Hook.) Schiffn.
 [54] *Heteroscyphus splendidus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [54] *Heteroscyphus stoloniferus* J.J.Engel
 [55] *Heteroscyphus* subgen. *Tetracymbaliella* (Grolle) J.J.Engel & R.M.Schust. = *Tetracymbaliella* Grolle
 [54] *Heteroscyphus supinus* (Hook.f. & Taylor) R.M.Schust.
 [54] *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [54] *Heteroscyphus triacanthus* var. *magnistipulatus* J.J.Engel

- [54] *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn. var. *triacanthus*
 [53] *Heteroscyphus tridentatus* (Mitt.) J.J.Engel & R.M.Schust. = *Heteroscyphus knightii* (Steph.) Grolle
 [67] *Hodgsonia mirabilis* Perss. = *Neohodgsonia mirabilis* (Perss.) Perss.
 [32] *Holodontium* (Mitt.) Broth.
 [29] *Holodontium aucklandicum* (Dixon) Broth. = *Kiaeria pumila* (Mitt.) Ochyra
 [29] *Holodontium falcatum* (R.Br.bis) Wijk & Margad. = *Kiaeria pumila* (Mitt.) Ochyra
 [32] *Holodontium inerme* (Mitt.) Broth. = *Holodontium strictum* (Hook.f. & Wilson) Ochyra
 [32] *Holodontium mackayi* (Broth. & Dixon) Broth. = *Dicranoweisia antarctica* (Müll.Hal.) Kindb.
 [32] *Holodontium strictum* (Hook.f. & Wilson) Ochyra
 [29] *Holomitrium* Brid.
 [29] *Holomitrium perichaetiale* (Hook.) Brid.
 [29] *Holomitrium pumilum* (Mitt.) A.Jaeger = *Kiaeria pumila* (Mitt.) Ochyra
 [29] *Holomitrium trichopodum* (Mitt.) Klazenga
 [29] *Holomitrium undulatum* Müll.Hal. = *Mesotus celatus* Mitt.
 [21] *Homalia auriculata* Hook.f. & Wilson = *Pendulothecium auriculatum* (Hook.f. & Wilson) Enroth & S.He
 [20] *Homalia falcifolia* (Hook.f. & Wilson) Hook.f. & Wilson = *Pseudotaxiphyllum falcifolium* (Hook.f. & Wilson) S.He
 [22] *Homalia pulchella* Hook.f. & Wilson = *Pendulothecium punctatum* (Hook.f. & Wilson) Enroth & S.He
 [22] *Homalia punctata* (Hook.f. & Wilson) Wijk & Margad. = *Pendulothecium punctatum* (Hook.f. & Wilson) Enroth & S.He
 [16] *Hookeria adnata* Hook.f. & Wilson = *Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon
 [16] *Hookeria amblyophylla* Hook.f. & Wilson = *Distichophyllum pulchellum* (Hampe) Mitt.
 [15] *Hookeria apiculata* Hook.f. & Wilson = *Calyptrochaeta apiculata* (Hook.f. & Wilson) Vitt
 [20] *Hookeria arbuscula* Sm. = *Camptochaeta arbuscula* (Sm.) Reichardt
 [15] *Hookeria atrovirens* Colenso = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [17] *Hookeria blumeana* Müll.Hal. = *Cyclodictyon blumeana* (Müll.Hal.) Kuntze
 [16] *Hookeria crispula* Hook.f. & Wilson = *Distichophyllum crispulum* (Hook.f. & Wilson) Mitt.
 [16] *Hookeria cristata* (Hedw.) Hook. & Grev. = *Calyptrochaeta cristata* (Hedw.) Desv.
 [15] *Hookeria dentata* Hook.f. & Wilson = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Hookeria denticulata* Hook.f. & Wilson = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [16] *Hookeria flava* Colenso = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16] *Hookeria flexicollis* Mitt. = *Calyptrochaeta flexicollis* (Mitt.) Vitt
 [18] *Hookeria leskeoides* Hook. = *Palamocladium leskeoides* (Hook.) E.Britton
 [16] *Hookeria lophophora* Colenso = *Calyptrochaeta cristata* (Hedw.) Desv.
 [15] *Hookeria luteovirens* Colenso = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [15] *Hookeria macroneura* Colenso = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [16] *Hookeria maculata* Colenso = *Distichophyllum microcarpum* (Hedw.) Mitt.
 [16] *Hookeria nervosa* Hook.f. & Wilson = *Crosbya nervosa* (Hook.f. & Wilson) Vitt
 [15] *Hookeria nigella* Hook.f. & Wilson = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [16] *Hookeria pennata* (Labill.) Sm. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [16] *Hookeria pennata* var. *minor* Hook.f. & Wilson = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [15] *Hookeria pseudopetiolata* Colenso = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [16] *Hookeria pulchella* Hook.f. & Wilson = *Distichophyllum pulchellum* (Hampe) Mitt.
 [22] *Hookeria punctata* Hook.f. & Wilson = *Pendulothecium punctatum* (Hook.f. & Wilson) Enroth & S.He
 [21] *Hookeria punctata* var. *oblongifolia* Hook.f. & Wilson = *Pendulothecium oblongifolium* (Hook.f. & Wilson) Enroth & S.He
 [15] *Hookeria quadrifaria* Sm. = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [15] *Hookeria robusta* Hook.f. & Wilson = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [16] *Hookeria rotundifolia* Hook.f. & Wilson = *Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [16] *Hookeria sciadophila* Colenso = *Distichophyllum microcarpum* (Hedw.) Mitt.
 [17] *Hookeria* sect. *Sauloma* Hook.f. & Wilson = *Sauloma* (Hook.f. & Wilson) Mitt.
 [15] *Hookeria sexfaria* Colenso = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [16] *Hookeria sinuosa* Hook.f. & Wilson = *Distichophyllum pulchellum* (Hampe) Mitt.
 [17] *Hookeria tenella* Hook.f. & Wilson = *Sauloma tenella* (Hook.f. & Wilson) Mitt.
 [16] *Hookeria trichophora* Colenso = *Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [15] *Hookeriales* M.Fleisch.
 [49] *Hyalolepidozia microphylla* R.M.Schust. ex J.J.Engel = *Paracromastigum microphyllum* (R.M.Schust. ex J.J.Engel) E.D.Cooper
 [49] *Hyalolepidozia microphylla* R.M.Schust. = *Paracromastigum microphyllum* (R.M.Schust. ex J.J.Engel) E.D.Cooper
 [47] *Hygrobella australis* Steph. = *Hygrolembidium australe* (Steph.) Grolle
 [47] *Hygrolembidium* R.M.Schust.
 [47] *Hygrolembidium acrocladum* (Berggr.) R.M.Schust.
 [47] *Hygrolembidium australe* (Steph.) Grolle
 [47] *Hygrolembidium isodictyon* (Herzog) R.M.Schust. = *Hygrolembidium acrocladum* (Berggr.) R.M.Schust.
 [47] *Hygrolembidium rigidum* R.M.Schust. & J.J.Engel
 [47] *Hygrolembidium stereophyllum* (Herzog) R.M.Schust. = *Hygrolembidium australe* (Steph.) Grolle
 [47] *Hygrolembidium triquetrum* J.J.Engel & R.M.Schust.
 [19] *Hylocomiaceae* M.Fleisch.
 [19] *Hylocomium* Schimp.
 [19] *Hylocomium splendens* (Hedw.) Schimp.
 [26] *Hymenodon* Hook.f. & Wilson
 [26] *Hymenodon helvolus* Müll.Hal. = *Hymenodon pilifer* Hook.f. & Wilson
 [26] *Hymenodon pilifer* Hook.f. & Wilson
 [27] *Hymenodontopsis bifaria* (Hook.) N.E.Bell, A.E.Newton & D.Quandt = *Pyrrhobryum bifarium* (Hook.) Manuel
 [27] *Hymenodontopsis mnioides* (Hook.) N.E.Bell, A.E.Newton & D.Quandt = *Pyrrhobryum mnioides* (Hook.) Manuel
 [66] *Hymenophytaceae* R.M.Schust.
 [66] *Hymenophyton* Dumort.
 [66] *Hymenophyton flabellatum* (Labill.) Trevis.
 [66] *Hymenophyton leptopodum* (Hook.f. & Taylor) Steph.
 [37] *Hymenostomum patulum* (C.Knight) Dixon = *Weissia patula* (C.Knight) Fife
 [34] *Hymenostylium recurvirostrum* (Hedw.) Dixon = *Ardeuma recurvirostrum* R.H.Zander & Hedd.
 [35] *Hyophila* Brid.
 [35] *Hyophila involuta* (Hook.) A.Jaeger

- [35] *Hyophila novae-seelandiae* Dixon & Sainsbury
 [20] **Hypnaceae** Schimp.
 [17] **Hypnales** (M.Fleisch.) W.R.Buck & Vitt
 [17] *Hypnobartlettia* Ochyra = *Cratoneuropsis* (Broth.) M.Fleisch.
 [17] *Hypnobartlettia fontana* Ochyra = *Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [23] **Hypnodendraceae** Broth.
 [23] **Hypnodendrales** N.E.Bell, A.E.Newton & D.Quandt
 [23] *Hypnodendron* (Müll.Hal.) Lindb.
 [23] *Hypnodendron arcuatum* (Hedw.) Mitt.
 [23] *Hypnodendron colensoi* (Hook.f. & Wilson) Mitt. = *Mniodendron colensoi* (Hook.f. & Wilson) Besch.
 [23] *Hypnodendron comatum* (Müll.Hal.) Touw = *Mniodendron comatum* (Müll.Hal.) Lindb.
 [23] *Hypnodendron comosum* (Labill.) Mitt. = *Mniodendron comosum* (Labill.) Lindb.
 [23] *Hypnodendron comosum* var. *sieberi* (Müll.Hal.) Touw = *Mniodendron comosum* var. *sieberi* (Müll.Hal.) N.E.Bell, A.E.Newton & D.Quandt
 [23] *Hypnodendron kerrii* (Mitt.) Paris = *Sciadocladus kerrii* (Mitt.) Broth.
 [23] *Hypnodendron marginatum* (Hook.f. & Wilson) A.Jaeger & Sauerb.
 [23] *Hypnodendron menziesii* (Hook.) Paris = *Sciadocladus menziesii* (Hook.) Broth.
 [23] *Hypnodendron spininervium* (Hook.) A.Jaeger & Sauerb.
 [23] *Hypnodendron spininervium* (Hook.) A.Jaeger & Sauerb. subsp. *spininervium*
 [20] **Hypnum** Hedw.
 [26] *Hypnum aciculare* Brid. = *Ptychomnion aciculare* (Brid.) Mitt.
 [22] *Hypnum acutifolium* Hook.f. & Wilson = *Wijkia extenuata* (Brid.) H.A.Crum
 [17] *Hypnum aduncum* Hedw. = *Drepanocladus aduncus* (Hedw.) Warnst.
 [22] *Hypnum albescens* Hook. = *Isopterygium albescens* (Hook.) A.Jaeger
 [18] *Hypnum albicans* Hedw. = *Brachythecium albicans* (Hedw.) Schimp.
 [22] *Hypnum amoenum* Hedw. = *Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.
 [20] *Hypnum arbuscula* (Sm.) Hook.f. = *Camptochaete arbuscula* (Sm.) Reichardt
 [23] *Hypnum arcuatum* Hedw. = *Hypnodendron arcuatum* (Hedw.) Mitt.
 [18] *Hypnum asperipes* Mitt. = *Eurhynchium asperipes* (Mitt.) Dixon
 [20] *Hypnum australe* (Hook.f. & Wilson) Müll.Hal. = *Austrohondaella limata* (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
 [18] *Hypnum austrinum* Hook.f. & Wilson = *Platyhypnidium austrinum* (Hook.f. & Wilson) M.Fleisch.
 [22] *Hypnum austropusillum* Müll.Hal. = *Isopterygium albescens* (Hook.) A.Jaeger
 [27] *Hypnum bifarium* Hook. = *Pyrrhobryum bifarium* (Hook.) Manuel
 [17] *Hypnum brachiatum* Mitt. = *Drepanocladus brachiatus* (Mitt.) Dixon
 [22] *Hypnum cerviculatum* Hook.f. & Wilson = *Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay
 [20] *Hypnum chlamydoxylum* Hook.f. & Wilson = *Acrocladium chlamydoxylum* (Hook.f. & Wilson) Müll.Hal. & Broth.
 [20] **Hypnum chrysogaster** Müll.Hal.
 [21] *Hypnum clandestinum* Hook.f. & Wilson = *Lembophyllum clandestinum* (Hook.f. & Wilson) Lindb.
 [21] *Hypnum cochlearifolium* Schwägr. = *Weymouthia cochlearifolia* (Schwägr.) Dixon
 [23] *Hypnum comatum* Müll.Hal. = *Mniodendron comatum* (Müll.Hal.) Lindb.
 [23] *Hypnum comosum* Labill. = *Mniodendron comosum* (Labill.) Lindb.
 [12] *Hypnum consimile* Hook.f. & Wilson = *Breutelia pendula* (Sm.) Mitt.
 [17] *Hypnum cossonii* Schimp. = *Scorpidium cossonii* (Schimp.) Hedenäs
 [22] *Hypnum crinitum* Hook.f. & Wilson = *Wijkia extenuata* (Brid.) H.A.Crum
 [19] *Hypnum cucullatum* Mitt. = *Scorpiurium cucullatum* (Mitt.) Hedenäs
 [20] **Hypnum cupressiforme** Hedw.
 [20] *Hypnum cupressiforme* var. *chrysogaster* (Müll.Hal.) Sainsbury = *Hypnum chrysogaster* Müll.Hal.
 [20] **Hypnum cupressiforme** Hedw. var. *cupressiforme*
 [20] **Hypnum cupressiforme** var. *filiforme* Brid.
 [20] **Hypnum cupressiforme** var. *lacunosum* Brid.
 [20] *Hypnum cupressiforme* var. *minus* Hook.f. & Wilson = *Hypnum cupressiforme* var. *filiforme* Brid.
 [20] *Hypnum cupressiforme* var. *mossmianum* (Müll.Hal.) Ando = *Hypnum cupressiforme* var. *filiforme* Brid.
 [17] *Hypnum cuspidatum* Hedw. = *Calliergonella cuspidata* (Hedw.) Loeske
 [23] *Hypnum cuspidigerum* Schwägr. = *Racopilum cuspidigerum* (Schwägr.) Ångstr.
 [23] *Hypnum cymbifolium* Dozy & Molk. = *Thuidium cymbifolium* (Dozy & Molk.) Dozy & Molk.
 [17] *Hypnum decussatum* Hook.f. & Wilson = *Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [20] *Hypnum deflexum* Wilson = *Camptochaete deflexa* (Wilson) A.Jaeger
 [26] *Hypnum densifolium* Brid. = *Ptychomnion densifolium* (Brid.) A.Jaeger
 [23] *Hypnum denticulosum* Mitt. = *Thuidiopsis furfurosa* (Hook.f. & Wilson) M.Fleisch.
 [27] *Hypnum distichum* Sw. = *Rhizogonium distichum* (Sw.) Brid.
 [21] *Hypnum divulsum* Hook.f. & Wilson = *Lembophyllum divulsum* (Hook.f. & Wilson) Lindb.
 [22] *Hypnum drummondii* Hook.f. & Wilson = *Sematophyllum homomallum* (Hampe) Broth.
 [12] *Hypnum elongatum* Hook.f. & Wilson = *Breutelia elongata* (Hook.f. & Wilson) Mitt.
 [18] *Hypnum elusum* Mitt. = *Rhynchostegium laxatum* (Mitt.) Paris
 [22] *Hypnum extenuatum* Brid. = *Wijkia extenuata* (Brid.) H.A.Crum
 [20] *Hypnum falcifolium* Hook.f. & Wilson = *Pseudotaxiphyllum falcifolium* (Hook.f. & Wilson) S.He
 [17] *Hypnum filicinum* Hedw. = *Cratoneuron filicinum* (Hedw.) Spruce
 [18] *Hypnum fluitans* Hedw. = *Warnstorfia fluitans* (Hedw.) Loeske
 [23] *Hypnum furfurosum* Hook.f. & Wilson = *Thuidiopsis furfurosa* (Hook.f. & Wilson) M.Fleisch.
 [19] *Hypnum glaucoviride* Mitt. = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [20] *Hypnum gracile* Hook.f. & Wilson = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [19] *Hypnum hispidum* Hook.f. & Wilson = *Echinodium hispidum* (Hook.f. & Wilson) Reichardt
 [22] *Hypnum homomallum* (Hampe) Müll.Hal. = *Sematophyllum homomallum* (Hampe) Broth.
 [18] *Hypnum huttonii* Hampe ex Beckett = *Rhynchostegium tenuifolium* (Hedw.) Reichardt
 [15] *Hypnum inflatum* Hook.f. & Wilson = *Pulchrinodus inflatus* (Hook.f. & Wilson) B.H.Allen
 [22] *Hypnum jolliffii* Mitt. = *Sematophyllum jolliffii* (Mitt.) Dixon
 [22] *Hypnum kirkii* Müll.Hal. ex Beckett = *Sematophyllum kirkii* (Müll.Hal. ex Beckett) Paris
 [23] *Hypnum laeviusculum* Mitt. = *Thuidium laeviusculum* (Mitt.) A.Jaeger
 [22] *Hypnum lamprostachys* Hampe = *Plagiothecium lamprostachys* (Hampe) A.Jaeger

- [18] *Hypnum laxatum* Mitt. = *Rhynchostegium laxatum* (Mitt.) Paris
 [22] *Hypnum leptorhynchum* Hook.f. & Wilson = *Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.
 [19] *Hypnum lepturum* Taylor = *Ischyrodon lepturus* (Taylor) Schelpe
 [22] *Hypnum leucocyclus* Müll.Hal. = *Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay
 [20] *Hypnum limatum* Hook.f. & Wilson = *Austrohondaella limata* (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
 [18] *Hypnum macrostegium* Sull. & Lesq. = *Palamocladium leskeoides* (Hook.) E.Britton
 [23] *Hypnum menziesii* Hook. = *Sciadocladus menziesii* (Hook.) Broth.
 [16] *Hypnum microcarpon* Hedw. = *Distichophyllum microcarpum* (Hedw.) Mitt.
 [20] *Hypnum microvagum* Beckett = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [22] *Hypnum minutirameum* Hook.f. & Wilson = *Isopterygium albescens* (Hook.) A.Jaeger
 [27] *Hypnum mnioides* Hook. = *Pyrrhobryum mnioides* (Hook.) Manuel
 [20] *Hypnum mossmanianum* Müll.Hal. = *Hypnum cupressiforme* var. *filiforme* Brid.
 [22] *Hypnum mundulum* Hook.f. & Wilson = *Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.
 [18] *Hypnum muriculatum* Hook.f. & Wilson = *Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [17] *Hypnum nodiflorum* Wilson = *Campyliadelphus polygamus* (Schimp.) Kanda
 [18] *Hypnum paradoxum* Hook.f. & Wilson = *Brachythecium paradoxum* (Hook.f. & Wilson) A.Jaeger
 [20] *Hypnum patale* Hook.f. & Wilson = *Hypnum chrysogaster* Müll.Hal.
 [18] *Hypnum plumosum* Hedw. = *Brachythecium plumosum* (Hedw.) Schimp.
 [19] *Hypnum politum* Hook.f. & Wilson = *Catagonium nitens* (Brid.) Cardot
 [17] *Hypnum polycarpon* Voit = *Drepanocladus aduncus* (Hedw.) Warnst.
 [22] *Hypnum polystichum* Mitt. = *Wijkia extenuata* (Brid.) H.A.Crum
 [18] *Hypnum praelongum* Hedw. = *Eurhynchium praelongum* (Hedw.) Schimp.
 [18] *Hypnum pseudotriste* Müll.Hal. = *Haplohymenium pseudotriste* (Müll.Hal.) Broth.
 [20] *Hypnum pubescens* Hook.f. & Wilson = *Ctenidium pubescens* (Hook.f. & Wilson) Broth.
 [18] *Hypnum pulchellum* Hedw. = *Eurhynchium pulchellum* (Hedw.) Jenn.
 [15] *Hypnum purpurascens* Brid. = *Rhacocarpus purpurascens* (Brid.) Paris
 [18] *Hypnum purum* Hedw. = *Pseudoscleropodium purum* (Hedw.) M.Fleisch.
 [17] *Hypnum relaxum* Hook.f. & Wilson = *Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.
 [17] *Hypnum riparium* Hedw. = *Leptodictyum riparium* (Hedw.) Warnst.
 [18] *Hypnum rutabulum* Hedw. = *Brachythecium rutabulum* (Hedw.) Schimp.
 [18] *Hypnum rutabulum* var. *campestre* Müll.Hal. = *Brachythecium campestre* (Müll.Hal.) Schimp.
 [18] *Hypnum salebrosum* F.Weber & D.Mohr = *Brachythecium salebrosum* (F.Weber & D.Mohr) Schimp.
 [20] *Hypnum sandwichense* Hook. & Arn. = *Ectropothecium sandwichense* (Hook. & Arn.) Mitt.
 [18] *Hypnum sarmentosum* Wahlenb. = *Warnstorfia sarmentosa* (Wahlenb.) Hedenäs
 [12] *Hypnum scabrifolium* Hook.f. & Wilson = *Philonotis scabrifolia* (Hook.f. & Wilson) Braithw.
 [17] *Hypnum* sect. *Calliergon* Sull. = *Calliergon* (Sull.) Kindb.
 [23] *Hypnum* sect. *Hypnodendron* Müll.Hal. = *Hypnodendron* (Müll.Hal.) Lindb.
 [26] *Hypnum* sect. *Ptychomnion* Hook.f. & Wilson = *Ptychomnion* (Hook.f. & Wilson) Mitt.
 [17] *Hypnum serpens* Hedw. = *Amblystegium serpens* (Hedw.) Schimp.
 [16] *Hypnum setigerum* P.Beauv. = *Canalohypopterygium tamariscinum* (Hedw.) Kruijjer
 [23] *Hypnum sieberi* Müll.Hal. = *Mniodendron comosum* var. *sieberi* (Müll.Hal.) N.E.Bell, A.E.Newton & D.Quandt
 [21] *Hypnum smithii* Hedw. = *Leptodon smithii* (Hedw.) F.Weber & D.Mohr
 [23] *Hypnum sparsum* Hook.f. & Wilson = *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
 [18] *Hypnum speciosum* Brid. = *Eurhynchium speciosum* (Brid.) Jur.
 [23] *Hypnum spininervium* Hook. = *Hypnodendron spininervium* (Hook.) A.Jaeger & Sauerb.
 [19] *Hypnum splendens* Hedw. = *Hylocomium splendens* (Hedw.) Schimp.
 [19] *Hypnum squarrosus* Hedw. = *Rhytidiadelphus squarrosus* (Hedw.) Warnst.
 [17] *Hypnum stellatum* Hedw. = *Campyliadelphus stellatus* (Hedw.) Kanda
 [17] *Hypnum stramineum* Brid. = *Straminergon stramineum* (Brid.) Hedenäs
 [27] *Hypnum subbasilare* Hook. = *Goniobryum subbasilare* (Hook.) Lindb.
 [20] *Hypnum* subgen. *Ctenidium* Schimp. = *Ctenidium* (Schimp.) Mitt.
 [22] *Hypnum subhumile* Müll.Hal. = *Sematophyllum subhumile* (Müll.Hal.) M.Fleisch.
 [17] *Hypnum tamarisci* Sw. = *Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.
 [17] *Hypnum tenuifolium* Hedw. = *Rhynchostegium tenuifolium* (Hedw.) Reichardt
 [22] *Hypnum tenuirostre* Hook. = *Sematophyllum uncinatum* I.G.Stone & G.A.M.Scott
 [20] *Hypnum terraenovae* var. *australe* Hook.f. & Wilson = *Austrohondaella limata* (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
 [18] *Hypnum touretii* Brid. = *Scleropodium touretii* (Brid.) L.F.Koch
 [18] *Hypnum trachypelma* Müll.Hal. = *Eurhynchium speciosum* (Brid.) Jur.
 [19] *Hypnum triquetrum* Hedw. = *Rhytidiadelphus triquetrus* (Hedw.) Warnst.
 [17] *Hypnum uncinatum* Hedw. = *Sanionia uncinata* (Hedw.) Loeske
 [18] *Hypnum velutinum* Hedw. = *Brachythecium velutinum* (Hedw.) Schimp.
 [15] *Hypnum wahlenbergii* F.Weber & D.Mohr = *Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews
[16] Hypopterygiaceae Mitt.
[16] Hypopterygium Brid.
 [16] *Hypopterygium commutatum* Müll.Hal. = *Canalohypopterygium tamariscinum* (Hedw.) Kruijjer
 [17] *Hypopterygium concinnum* (Hook.) Brid. = *Lopidium concinnum* (Hook.) Hook.f. & Wilson
 [23] *Hypopterygium convolutaceum* Müll.Hal. = *Racopilum cuspidigerum* var. *convolutaceum* (Müll.Hal.) Zanten & Dijkstra
[16] Hypopterygium didictyon Müll.Hal.
 [16] *Hypopterygium elegantulum* Colenso = *Canalohypopterygium tamariscinum* (Hedw.) Kruijjer
 [16] *Hypopterygium filiculaeforme* (Hedw.) Brid. = *Dendrohypopterygium filiculiforme* (Hedw.) Kruijjer
 [16] *Hypopterygium glaucum* Sull. = *Hypopterygium didictyon* Müll.Hal.
 [16] *Hypopterygium novae-seelandiae* Müll.Hal. = *Hypopterygium didictyon* Müll.Hal.
 [16] *Hypopterygium novae-seelandiae* f. *glaucum* (Sull.) Vitt = *Hypopterygium didictyon* Müll.Hal.
 [16] *Hypopterygium novae-seelandiae* var. *glaucum* (Sull.) Dixon = *Hypopterygium didictyon* Müll.Hal.
 [16] *Hypopterygium setigerum* (P.Beauv.) Hook.f. & Wilson = *Canalohypopterygium tamariscinum* (Hedw.) Kruijjer
 [16] *Hypopterygium smithianum* Hook.f. & Wilson = *Hypopterygium didictyon* Müll.Hal.
 [23] *Hypopterygium strumiferum* Müll.Hal. = *Racopilum strumiferum* (Müll.Hal.) Mitt.
 [17] *Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.
 [17] *Hypopterygium viridulum* Mitt. = *Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.

- [13]*Imbriobryum clavatum* (Schimp.) J.R.Spence & H.P.Ramsay = ***Bryum clavatum*** (Schimp.) Müll.Hal.
 [13]*Imbriobryum crassum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay = ***Bryum crassum*** Hook.f. & Wilson
 [13]*Imbriobryum laevigatum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay = ***Bryum laevigatum*** Hook.f. & Wilson
 [38]***Incertae sedis***
 [19]*Ischyrodon* Müll.Hal.
 [19]*Ischyrodon lepturus* (Taylor) Schelpe
 [47]*Isolembidium* R.M.Schust.
 [47]*Isolembidium* R.M.Schust. = ***Isolembidium*** R.M.Schust.
 [47]*Isolembidium anomalum* (Rodway) Grolle
 [47]*Isolembidium anomalum* (Rodway) Grolle var. *anomalum*
 [47]*Isolembidium anomalum* var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [47]*Isolembidium cucullatum* (E.A.Hodgs.) R.M.Schust. = ***Isolembidium anomalum*** var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [47]*Isolembidium cucullatum* (E.A.Hodgs.) R.M.Schust. = ***Isolembidium anomalum*** var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [42]*Isopaches* H.Buch
 [42]*Isopaches bicrenatus* (Schmidel ex Hoffm.) H.Buch
 [42]*Isopaches pumicicola* (Berggr.) Bakalin
 [57]*Isophyllaria* E.A.Hodgs. & Allison
 [57]*Isophyllaria attenuata* (Rodway) E.A.Hodgs.
 [57]*Isophyllaria murrayana* E.A.Hodgs. & Allison = ***Isophyllaria attenuata*** (Rodway) E.A.Hodgs.
 [20]*Isopterygiopsis* Z.Iwats.
 [20]*Isopterygiopsis pulchella* (Hedw.) Z.Iwats.
 [22]*Isopterygium* Mitt.
 [22]*Isopterygium albescens* (Hook.) A.Jaeger
 [20]*Isopterygium distichaceum* (Mitt.) A.Jaeger & Sauerb. = ***Pseudotaxiphyllum distichaceum*** (Mitt.) Z.Iwats.
 [20]*Isopterygium limatum* (Hook.f. & Wilson) Broth. = ***Austrohondaella limata*** (Hook.f. & Wilson) Z.Iwats., H.P.Ramsay & Fife
 [22]*Isopterygium minutirameum* (Müll.Hal.) A.Jaeger = ***Isopterygium albescens*** (Hook.) A.Jaeger
 [20]*Isopterygium pulchellum* (Hedw.) A.Jaeger = ***Isopterygiopsis pulchella*** (Hedw.) Z.Iwats.
 [42]*Isotachis* Mitt.
 [57]*Isotachis attenuatus* Rodway = ***Isophyllaria attenuata*** (Rodway) E.A.Hodgs.
 [42]*Isotachis intortifolia* (Hook.f. & Taylor) Gottsche
 [42]*Isotachis lyallii* Mitt.
 [42]*Isotachis minima* Pearson
 [52]*Isotachis mitteniana* Colenso = ***Cryptolophocolea mitteniana*** (Colenso) L.Söderstr.
 [42]*Isotachis montana* Colenso
 [42]*Isotachis olivacea* R.M.Schust.
 [57]*Isotachis palmatiloba* E.A.Hodgs. = ***Temnoma quadrifidum*** (Mitt.) Mitt. ex E.A.Hodgs. & Allison
 [42]*Isotachis plicata* J.J.Engel
 [42]*Isotachis stephanii* E.S.Salmon = ***Eoisotachis stephanii*** (E.S.Salmon) R.M.Schust.
 [45]*Isotachis subtrifida* (Hook.f. & Taylor) Mitt. = ***Triandrophyllum subtrifidum*** (Hook.f. & Taylor) Fulford & Hatcher
 [45]*Isotachis triloba* Steph. = ***Triandrophyllum subtrifidum*** (Hook.f. & Taylor) Fulford & Hatcher
 [42]*Isotachis westlandica* (E.A.Hodgs.) R.M.Schust.
 [20]*Isothecium angustatum* (Mitt.) Hook.f. = ***Camptochaete angustata*** (Mitt.) Reichardt
 [20]*Isothecium arbuscula* (Sm.) Brid. = ***Camptochaete arbuscula*** (Sm.) Reichardt
 [20]*Isothecium arbuscula* var. *deflexa* (Wilson) Hook.f. & Wilson = ***Camptochaete deflexa*** (Wilson) A.Jaeger
 [21]*Isothecium clandestinum* (Hook.f. & Wilson) Mitt. = ***Lembophyllum clandestinum*** (Hook.f. & Wilson) Lindb.
 [21]*Isothecium cochlearifolium* (Schwägr.) Mitt. = ***Weymouthia cochlearifolia*** (Schwägr.) Dixon
 [23]*Isothecium colensoi* Hook.f. & Wilson = ***Mniodendron colensoi*** (Hook.f. & Wilson) Besch.
 [20]*Isothecium gracile* Hook.f. & Wilson = ***Fallaciella gracilis*** (Hook.f. & Wilson) H.A.Crum
 [23]*Isothecium marginatum* Hook.f. & Wilson = ***Hypnodendron marginatum*** (Hook.f. & Wilson) A.Jaeger & Sauerb.
 [21]*Isothecium molle* (Hedw.) Mitt. = ***Weymouthia mollis*** (Hedw.) Broth.
 [18]*Isothecium nilgheriense* Mont. = ***Palamocladium leskeoides*** (Hook.) E.Britton
 [20]*Isothecium obscurum* Colenso = ***Camptochaete angustata*** (Mitt.) Reichardt
 [22]*Isothecium pandum* Hook.f. & Wilson = ***Thamnobryum pandum*** (Hook.f. & Wilson) I.G.Stone & G.A.M.Scott
 [20]*Isothecium pulvinatum* Hook.f. & Wilson = ***Camptochaete pulvinata*** (Hook.f. & Wilson) A.Jaeger
 [22]*Isothecium pumilum* Hook.f. & Wilson = ***Thamnobryum pumilum*** (Hook.f. & Wilson) B.C.Tan
 [20]*Isothecium ramulosum* Mitt. = ***Camptochaete deflexa*** (Wilson) A.Jaeger
 [45]***Jackiella*** Schiffn.
 [45]***Jackiella curvata*** Allison & E.A.Hodgs.
 [43]***Jackiella flavus*** Grolle = ***Brevianthus flavus*** (Grolle) J.J.Engel & R.M.Schust.
 [45]***Jackiellaceae*** R.M.Schust.
 [41]*Jamesoniella* (Spruce) Carrington = ***Syzygiella*** Spruce
 [41]*Jamesoniella acinacifolia* (Hook.f. & Taylor) Berggr. = ***Syzygiella acinacifolia*** (Hook.f. & Taylor) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella allisonii* E.A.Hodgs. = ***Cuspidatula kirkii*** (Steph.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella cambewarrana* Steph. = ***Syzygiella tasmanica*** (Hook.f. & Taylor) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella colorata* (Lehm.) Schiffn. = ***Syzygiella colorata*** (Lehm.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella grandiflora* (Lindenb. & Gottsche) Jack & Steph. = ***Syzygiella sonderi*** (Gottsche) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella inflexo-limbata* Herzog = ***Syzygiella teres*** (Carrington & Pearson) Vána
 [41]*Jamesoniella kirkii* Steph. = ***Cuspidatula kirkii*** (Steph.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella monodon* (Taylor ex Lehm.) N.Kitag. = ***Cuspidatula monodon*** (Taylor ex Lehm.) Steph.
 [41]*Jamesoniella nigrescens* Steph. = ***Syzygiella nigrescens*** (Steph.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella occlusa* (Hook.f. & Taylor) Steph. = ***Adelanthus occlusus*** (Hook.f. & Taylor) Carrington
 [41]*Jamesoniella patula* Steph. = ***Syzygiella nigrescens*** (Steph.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella pseudocclusa* E.A.Hodgs. = ***Syzygiella pseudocclusa*** (E.A.Hodgs.) K.Feldberg, Vána, Hentschel & Heinrichs
 [41]*Jamesoniella scolopendrina* Berggr. = ***Cuspidatula kirkii*** (Steph.) K.Feldberg, Vána, Hentschel & Heinrichs

- [41] *Jamesoniella tasmanica* (Hook.f. & Taylor) Steph. = *Syzygiella tasmanica* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Jamesoniella teres* (Carrington & Pearson) Steph. = *Syzygiella teres* (Carrington & Pearson) Váňa
- [66] *Jensenia* Lindb.
- [66] *Jensenia connivens* (Colenso) Grolle
- [45] *Jubula novae-zelandiae* E.A.Hodgs. & S.W.Arnell = *Lepidolaena novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg
- [45] *Jubulopsis* R.M.Schust. = *Lepidolaena* Dumort.
- [45] *Jubulopsis novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) R.M.Schust. = *Lepidolaena novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg
- [40] *Jungermannia abbreviata* Hook.f. & Taylor = *Acrobolbus surculosus* (Nees) Trevis.
- [41] *Jungermannia acinacifolia* Hook.f. & Taylor = *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
- [47] *Jungermannia acroclada* (Berggr.) Steph. = *Hygrolembidium acrocladum* (Berggr.) R.M.Schust.
- [56] *Jungermannia aculeata* Hook.f. & Taylor = *Plagiochila fasciculata* Lindenb.
- [46] *Jungermannia adnexa* Lehm. & Lindenb. = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
- [60] *Jungermannia albobirens* Hook.f. & Taylor = *Cheilelejeunea albobirens* (Hook.f. & Taylor) E.A.Hodgs.
- [49] *Jungermannia albula* Hook.f. & Taylor = *Lepidozia ulothrix* (Schwägr.) Lindenb.
- [64] *Jungermannia alcicornis* Hook.f. & Taylor = *Riccardia alcicornis* (Hook.f. & Taylor) Trevis.
- [53] *Jungermannia allostoma* Hook.f. & Taylor = *Heteroscyphus allostomus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [46] *Jungermannia allophylla* Hook.f. & Taylor = *Lepidolaena reticulata* (Hook.f. & Taylor) Trevis.
- [64] *Jungermannia alterniloba* Hook.f. & Taylor = *Lobatiriccardia alterniloba* (Hook.f. & Taylor) Furuki
- [63] *Jungermannia aneurismalis* Hook.f. & Taylor = *Radula aneurismalis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
- [63] *Jungermannia anguiformis* Hook.f. & Taylor = *Thysananthus anguiformis* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees
- [46] *Jungermannia anisostoma* Lehm & Lindenb. = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
- [59] *Jungermannia apiculata* Reinw., Blume & Nees = *Frullania apiculata* (Reinw., Blume & Nees) Nees
- [58] *Jungermannia appendiculata* Hook. = *Schistochila appendiculata* (Hook.) Dumort. ex Trevis.
- [50] *Jungermannia argentea* Hook.f. & Taylor = *Zoopsis argentea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
- [53] *Jungermannia arguta* Reinw., Blume & Nees = *Heteroscyphus argutus* (Reinw., Blume & Nees) Schiffn.
- [59] *Jungermannia aterrima* Hook.f. & Taylor = *Frullania aterrima* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
- [44] *Jungermannia atrocapilla* (Hook.f. & Taylor) Taylor & Hook.f. = *Herzogobryum atrocapillum* (Hook.f. & Taylor) Grolle
- [46] *Jungermannia atrovirens* Hook.f. & Taylor = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
- [42] *Jungermannia aurita* Lehm. = *Anastrophyllum auritum* (Lehm.) Steph.
- [54] *Jungermannia australis* Hook.f. & Taylor = *Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
- [67] *Jungermannia australis* Hook.f. & Taylor = *Plagiochasma rupestre* (J.R.Forst. & G.Forst.) Steph.
- [51] *Jungermannia austrigena* Hook.f. & Taylor = *Chiloscyphus austrigenus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [43] *Jungermannia badia* Gottsche = *Cephalozia badia* (Gottsche) Steph.
- [58] *Jungermannia balfouriana* Hook.f. & Taylor = *Schistochila balfouriana* (Hook.f. & Taylor) Steph.
- [42] *Jungermannia bicrenata* Schmidel = *Isopaches bicrenatus* (Schmidel ex Hoffm.) H.Buch
- [42] *Jungermannia bicrenata* Schmidel ex Hoffm. = *Isopaches bicrenatus* (Schmidel ex Hoffm.) H.Buch
- [53] *Jungermannia billardierei* Schwägr. = *Heteroscyphus billardierei* (Schwägr.) Schiffn.
- [51] *Jungermannia bispinosa* Hook.f. & Taylor = *Chiloscyphus bispinosus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
- [44] *Jungermannia byssacea* Roth = *Cephaloziella divaricata* (Sm.) Schiffn.
- [51] *Jungermannia canaliculata* Hook.f. & Taylor = *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees
- [53] *Jungermannia chlorophylla* Hook.f. & Taylor = *Heteroscyphus chlorophyllus* (Hook.f. & Taylor) Schiffn.
- [57] *Jungermannia ciliaris* L. = *Ptilidium ciliare* (L.) Hampe
- [40] *Jungermannia cinerascens* Lehm. & Lindenb. = *Acrobolbus cinerascens* (Lehm. & Lindenb.) Bastow
- [56] *Jungermannia circinalis* Lehm. & Lindenb. = *Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
- [45] *Jungermannia clavigera* Hook. = *Lepidolaena clavigera* (Hook.) Dumort ex Trevis.
- [53] *Jungermannia coalita* Hook. = *Heteroscyphus coalitus* (Hook.) Schiffn.
- [41] *Jungermannia colorata* Lehm. = *Syzygiella colorata* (Lehm.) K.Feldberg, Váňa, Hentschel & Heinrichs
- [59] *Jungermannia congesta* Hook.f. & Taylor = *Frullania congesta* Gottsche, Lindenb. & Nees
- [55] *Jungermannia conjugata* Hook. = *Chiastocaulon conjugatum* (Hook.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
- [55] *Jungermannia connexa* Hook.f. & Taylor = *Chiastocaulon conjugatum* (Hook.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
- [41] *Jungermannia consimilis* Colenso = *Cuspidatula monodon* (Taylor ex Lehm.) Steph.
- [47] *Jungermannia convexa* Thunb. = *Bazzania nitida* (F.Weber) Grolle
- [64] *Jungermannia crassa* Schwägr. = *Riccardia crassa* (Schwägr.) C.Massal.
- [62] *Jungermannia cucullata* Reinw., Blume & Nees = *Metalejeunea cucullata* (Reinw., Blume & Nees) Grolle
- [55] *Jungermannia cymbalifera* Hook.f. & Taylor = *Tetracymbaliella cymbalifera* (Hook.f. & Taylor) Grolle
- [56] *Jungermannia deltoidea* (Lindenb.) Hook.f. & Taylor = *Plagiochila deltoidea* Lindenb.
- [42] *Jungermannia diplophylla* Hook.f. & Taylor = *Balantiopsis diplophylla* (Hook.f. & Taylor) Mitt.
- [47] *Jungermannia dispar* Mont. ex. Hook.f. & Taylor = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
- [47] *Jungermannia dispar* Mont. ex Taylor & Hook.f. = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
- [46] *Jungermannia divaricata* Nees = *Acromastigum divaricatum* (Nees) A.Evans
- [44] *Jungermannia divaricata* Sm. = *Cephaloziella divaricata* (Sm.) Schiffn.
- [44] *Jungermannia divaricata* var. *exiliflora* Gottsche, Lindenb. & Nees = *Cephaloziella exiliflora* (Gottsche, Lindenb. & Nees) Douin
- [58] *Jungermannia domestica* Gottsche = *Diplophyllum obtusifolium* subsp. *domesticum* (Gottsche) Váňa
- [63] *Jungermannia domestica* (Mont.) Hook.f. & Taylor = *Porella elegantula* (Mont.) E.A.Hodgs.
- [62] *Jungermannia elliptica* Lehm. & Lindenb. = *Leptolejeunea elliptica* (Lehm. & Lindenb.) Besch.
- [65] *Jungermannia eriocaula* Hook. = *Riccardia eriocaula* (Hook.) C.Massal.
- [55] *Jungermannia excisa* Dicks. = *Lophozopsis excisa* (Dicks.) Konstant. & Vilnet
- [44] *Jungermannia exiliflora* (Gottsche, Lindenb. & Nees) Taylor = *Cephaloziella exiliflora* (Gottsche, Lindenb. & Nees) Douin
- [62] *Jungermannia exilis* Reinw., Blume & Nees = *Lejeunea exilis* (Reinw., Blume & Nees) Grolle
- [55] *Jungermannia exsecta* Schmidel = *Tritomaria exsecta* (Schmidel ex Schrad.) Loeske
- [55] *Jungermannia exsecta* Schmidel ex Schrad. = *Tritomaria exsecta* (Schmidel ex Schrad.) Loeske
- [41] *Jungermannia falcata* Hook. = *Adelanthus falcatus* (Hook.) Mitt.
- [53] *Jungermannia fissistipa* Hook.f. & Taylor = *Heteroscyphus fissistipus* (Hook.f. & Taylor) Schiffn.

- [66] *Jungermannia flabellata* Labill. = *Hymenophyton flabellatum* (Labill.) Trevis.
 [55] *Jungermannia flagellifera* Hook. = *Dendromastigophora flagellifera* (Hook.) R.M.Schust.
 [62] *Jungermannia flava* Sw. = *Lejeunea flava* (Sw.) Nees
 [61] *Jungermannia floccosa* (Lehm. & Lindenb.) = *Cololejeunea floccosa* (Lehm. & Lindenb.) Steph.
 [56] *Jungermannia fruticella* Hook.f. & Taylor = *Dinckleria fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs
 [60] *Jungermannia fugax* Hook.f. & Taylor = *Frullania fugax* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [65] *Jungermannia furcata* L. = *Metzgeria furcata* (L.) Corda
 [56] *Jungermannia fuscella* Hook.f. & Taylor = *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [41] *Jungermannia geminiflora* Colenso = *Cuspidatula monodon* (Taylor ex Lehm.) Steph.
 [56] *Jungermannia gigantea* Hook. = *Plagiochila gigantea* Lindenb.
 [58] *Jungermannia glaucescens* Hook. = *Schistochila glaucescens* (Hook.) A.Evans
 [48] *Jungermannia glaucophylla* Hook.f. & Taylor = *Lepidozia glaucophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [41] *Jungermannia grandiflora* Lindenb. & Gottsche = *Syzygiella sonderi* (Gottsche) K.Feldberg, Vána, Hentschel & Heinrichs
 [59] *Jungermannia grandifolia* (Berggr.) E.A.Hodgs. = *Solenostoma hodgsoniae* (Grolle) J.J.Engel
 [56] *Jungermannia gregaria* Hook.f. & Taylor = *Plagiochila gregaria* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [51] *Jungermannia grisea* Hook.f. & Taylor = *Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
 [56] *Jungermannia hemicardia* Hook.f. & Taylor = *Plagiochila circinalis* var. *hemicardia* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.
 [47] *Jungermannia hippuroides* Hook.f. & Taylor = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
 [59] *Jungermannia hodgsoniae* Grolle = *Solenostoma hodgsoniae* (Grolle) J.J.Engel
 [52] *Jungermannia humilis* Hook.f. & Taylor = *Clasmatocolea humilis* (Hook.f. & Taylor) Grolle
 [59] *Jungermannia humilissima* Colenso = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [66] *Jungermannia hymenophyllum* Hook. = *Symphyogyna hymenophyllum* (Hook.) Mont. & Nees
 [45] *Jungermannia incompleta* Gottsche = *Gymnomitrium incompletum* (Gottsche) R.M.Schust. ex Vána
 [56] *Jungermannia incurvicolla* Hook.f. & Taylor = *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [52] *Jungermannia inflexispina* Hook.f. & Taylor = *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 [59] *Jungermannia inundata* Hook.f. & Taylor = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [46] *Jungermannia involuta* (Mont.) Hook.f. & Taylor = *Bazzania involuta* (Mont.) Trevis.
 [42] *Jungermannia juratzkana* Limpr. = *Anthelia juratzkana* (Limpr.) Trevis.
 [48] *Jungermannia laevifolia* Hook.f. & Taylor = *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [59] *Jungermannia lanata* Hook. = *Leiomitria lanata* (Hook.) R.M.Schust.
 [62] *Jungermannia latitans* Hook.f. & Taylor = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [59] *Jungermannia lehmanniana* Lehm. & Lindenb. = *Schistochila lehmanniana* (Lehm. & Lindenb.) Carrington & Pearson
 [51] *Jungermannia lenta* Hook.f. & Taylor = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [66] *Jungermannia leptopoda* Hook.f. & Taylor = *Hymenophyton leptopodum* (Hook.f. & Taylor) Steph.
 [52] *Jungermannia leucophylla* Hook.f. & Taylor = *Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
 [55] *Jungermannia lutescens* Lehm. & Lindenb. = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [66] *Jungermannia lyellii* Hook. = *Pallavicinia lyellii* (Hook.) Gray
 [64] *Jungermannia marginata* Hook.f. & Taylor = *Radula marginata* Taylor ex Gottsche, Lindenb. & Nees
 [48] *Jungermannia microphylla* Hook. = *Lepidozia microphylla* (Hook.) Lindenb.
 [62] *Jungermannia minutissima* Sm. = *Myriocoleopsis minutissima* (Sm.) R.L.Zhu, Y.Yu & Pócs
 [59] *Jungermannia mollissima* Hook.f. & Taylor = *Trichocolea mollissima* (Hook.f. & Taylor) Gottsche
 [41] *Jungermannia mondon* Hook.f. & Taylor = *Cuspidatula monodon* (Taylor ex Lehm.) Steph.
 [46] *Jungermannia monilineris* Lehm. & Lindenb. = *Bazzania monilineris* (Lehm. & Lindenb.) Trevis.
 [60] *Jungermannia monocera* Hook.f. & Taylor = *Frullania monocera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [41] *Jungermannia monodon* Taylor ex Lehm. = *Cuspidatula monodon* (Taylor ex Lehm.) Steph.
 [44] *Jungermannia multicuspidata* Hook.f. & Taylor = *Protolophozia multicuspidata* (Hook.f. & Taylor) Vána & L.Söderstr.
 [52] *Jungermannia multipenna* Hook.f. & Taylor = *Cryptolophocolea pallida* (Mitt.) L.Söderstr.
 [51] *Jungermannia muricata* Lehm. = *Chiloscyphus muricatus* (Lehm.) J.J.Engel & R.M.Schust.
 [58] *Jungermannia nemorosa* L. = *Scapania nemorosa* (L.) Dumort.
 [47] *Jungermannia nitida* F.Weber = *Bazzania nitida* (F.Weber) Grolle
 [42] *Jungermannia nivalis* Sw. = *Anthelia juratzkana* (Limpr.) Trevis.
 [59] *Jungermannia nobilis* Hook. = *Schistochila nobilis* (Hook.) Trevis.
 [52] *Jungermannia notophylla* Hook.f. & Taylor = *Clasmatocolea notophylla* (Hook.f. & Taylor) Grolle
 [46] *Jungermannia novae-hollandiae* Nees = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [51] *Jungermannia novae-zeelandiae* Lehm. & Lindenb. = *Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
 [63] *Jungermannia nudipes* Hook.f. & Taylor = *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog
 [48] *Jungermannia nutans* Hook.f. & Taylor = *Lembidium nutans* (Hook.f. & Taylor) Mitt.
 [54] *Jungermannia oblongifolia* Hook.f. & Taylor = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
 [58] *Jungermannia obtusifolium* Hook. = *Diplophyllum obtusifolium* (Hook.) Dumort.
 [41] *Jungermannia occlusa* Hook.f. & Taylor = *Adelanthus occlusus* (Hook.f. & Taylor) Carrington
 [40] *Jungermannia ochrophylla* Hook.f. & Taylor = *Acrobolbus ochrophyllus* (Hook.f. & Taylor) R.M.Schust.
 [63] *Jungermannia olivacea* Hook.f. & Taylor = *Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [59] *Jungermannia orbiculata* (Colenso) Grolle = *Solenostoma orbiculatum* (Colenso) R.M.Schust.
 [46] *Jungermannia palpebrifolia* Hook. = *Lepidolaena palpebrifolia* (Hook.) Dumort. ex Trevis.
 [41] *Jungermannia pansa* Taylor = *Lethocolea pansa* (Taylor) G.A.M.Scott & K.G.Beckm.
 [63] *Jungermannia partita* Hook.f. & Taylor = *Porella elegantula* (Mont.) E.A.Hodgs.
 [49] *Jungermannia patentissima* Hook.f. & Taylor = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [59] *Jungermannia paucifolia* Colenso = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [48] *Jungermannia pendulina* Hook. = *Lepidozia pendulina* (Hook.) Lindenb.
 [55] *Jungermannia perigonialis* Hook.f. & Taylor = *Andrewsianthus perigonialis* (Hook.f. & Taylor) R.M.Schust.
 [51] *Jungermannia perpusilla* Hook.f. & Taylor = *Chiloscyphus perpusillus* (Hook.f. & Taylor) J.J.Engel
 [66] *Jungermannia phyllanthus* Hook. = *Podomitrium phyllanthus* (Hook.) Mitt.
 [54] *Jungermannia physantha* Hook.f. & Taylor = *Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 [64] *Jungermannia pinguis* L. = *Aneura pinguis* (L.) Dumort.
 [58] *Jungermannia pinnatifolia* Hook. = *Gottschea pinnatifolia* (Hook.) Nees
 [54] *Jungermannia planiuscula* Hook.f. & Taylor = *Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 [56] *Jungermannia pleurata* Hook.f. & Taylor = *Dinckleria pleurata* (Hook.f. & Taylor) Trevis.
 [61] *Jungermannia plicatiloba* Hook.f. & Taylor = *Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle

- [62] *Jungermannia plicatiscypha* Taylor = *Lopholejeunea plicatiscypha* (Hook.f. & Taylor) Steph.
 [59] *Jungermannia polyacantha* Hook.f. & Taylor = *Eotrichocolea polyacantha* (Hook.f. & Taylor) R.M.Schust.
 [59] *Jungermannia polycarpa* Colenso = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [54] *Jungermannia polyclada* Hook.f. & Lév. = *Heteroscyphus polycladus* (Hook.f. & Lév.) R.M.Schust.
 [49] *Jungermannia praenitens* Lehm. & Lindenb. = *Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper
 [62] *Jungermannia primordialis* Hook.f. & Taylor = *Lejeunea primordialis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [55] *Jungermannia propagulifera* Gottsche = *Lophozopsis excisa* (Dicks.) Konstant. & Vilnet
 [57] *Jungermannia pulchella* Hook. = *Temnoma pulchellum* (Hook.) Mitt. ex Bastow
 [41] *Jungermannia pusilla* (Mont.) Hook.f. & Taylor = *Adelanthus falcatus* (Hook.) Mitt.
 [65] *Jungermannia pusilla* L. = *Fossombronia pusilla* (L.) Nees
 [60] *Jungermannia pycnantha* Hook.f. & Taylor = *Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [57] *Jungermannia quadrifida* Mitt. = *Temnoma quadrifidum* (Mitt.) Mitt. ex E.A.Hodgs. & Allison
 [57] *Jungermannia quadripartita* Hook. = *Temnoma quadripartitum* (Hook.) Mitt.
 [57] *Jungermannia ramosissima* Hook. = *Plagiochila ramosissima* (Hook.) Lindenb.
 [59] *Jungermannia repleta* Hook.f. & Taylor = *Schistochila repleta* (Hook.f. & Taylor) Steph.
 [46] *Jungermannia reticulata* Hook.f. & Taylor = *Lepidolaena reticulata* (Hook.f. & Taylor) Trevis.
 [54] *Jungermannia retusata* Hook.f. & Taylor = *Heteroscyphus planiusculus* (Hook.f. & Taylor) J.J.Engel
 [52] *Jungermannia rotata* Hook.f. & Taylor = *Hepatostolonophora rotata* (Hook.f. & Taylor) J.J.Engel
 [59] *Jungermannia rufiflora* Colenso = *Solenostoma rufiflorum* (Colenso) J.J.Engel
 [40] *Jungermannia saccata* Hook. = *Acrobolbus saccatus* (Hook.) Trevis.
 [43] *Jungermannia schismoides* Mont. = *Anastrophylopsis subcomplicata* (Lehm. & Lindenb.) Váňa & L.Söderstr.
 [45] *Jungermannia scolopendra* Hook. = *Lepicolea scolopendra* (Hook.) Trevis.
 [42] *Jungermannia* sect. *Anthelia* Dumort. = *Anthelia* (Dumort.) Dumort.
 [43] *Jungermannia* sect. *Cephalozia* Dumort. = *Cephalozia* (Dumort.) Dumort.
 [57] *Jungermannia* sect. *Diplophyllum* Dumort. = *Diplophyllum* (Dumort.) Dumort.
 [51] *Jungermannia* sect. *Lophocolea* Dumort. = *Chiloscyphus* Corda
 [60] *Jungermannia securifolia* Nees = *Acrolejeunea securifolia* (Nees) Steph.
 [51] *Jungermannia semiteres* Lehm. = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [54] *Jungermannia sinuosa* Hook. = *Heteroscyphus sinuosus* (Hook.) Schiffn.
 [47] *Jungermannia sonderi* Gottsche = *Syzygiella sonderi* (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs
 [63] *Jungermannia spathulistipus* Reinw., Blume & Nees = *Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.
 [52] *Jungermannia spinifera* Hook.f. & Taylor = *Cryptolophocolea spinifera* (Hook.f. & Taylor) L.Söderstr.
 [57] *Jungermannia spinulosa* Dicks. = *Plagiochila spinulosa* (Dicks.) Dumort.
 [42] *Jungermannia squarrosa* Hook. = *Chandonanthus squarrosus* (Hook.) Schiffn.
 [60] *Jungermannia squarrosula* Hook.f. & Taylor = *Frullania squarrosula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [52] *Jungermannia strongylophylla* Hook.f. & Taylor = *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [52] *Jungermannia strongylophylla* var. *minor* Hook.f. & Taylor = *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [43] *Jungermannia subcomplicata* Lehm. & Lindenb. = *Anastrophylopsis subcomplicata* (Lehm. & Lindenb.) Váňa & L.Söderstr.
 [42] *Jungermannia* subgen. *Anastrophyllum* Spruce = *Anastrophyllum* (Spruce) Schiffn.
 [41] *Jungermannia* subgen. *Jamesoniella* Spruce = *Syzygiella* Spruce
 [45] *Jungermannia subtrifida* Hook.f. & Taylor = *Triandrophyllum subtrifidum* (Hook.f. & Taylor) Fulford & Hatcher
 [41] *Jungermannia tasmanica* Hook.f. & Taylor = *Syzygiella tasmanica* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
 [54] *Jungermannia tenacifolia* Hook.f. & Taylor = *Pachyglossa tenacifolia* (Hook.f. & Taylor) Herzog & Grolle
 [48] *Jungermannia tenax* Grev. = *Kurzia tenax* (Grev.) Grolle
 [40] *Jungermannia tenella* (Taylor ex Lehm.) Hook.f. & Taylor = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [66] *Jungermannia tenuinervis* Hook.f. & Taylor = *Pallavicinia tenuinervis* (Hook.f. & Taylor) Trevis.
 [41] *Jungermannia teres* Carrington & Pearson = *Syzygiella teres* (Carrington & Pearson) Váňa
 [50] *Jungermannia tetradactyla* Hook.f. & Taylor = *Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper
 [59] *Jungermannia totipapillosa* E.A.Hodgs. = *Solenostoma totipapillosum* (E.A.Hodgs.) R.M.Schust.
 [54] *Jungermannia triacantha* Hook.f. & Lév. = *Heteroscyphus triacanthus* (Hook.f. & Taylor) Schiffn.
 [49] *Jungermannia tridactylis* Lehm. & Lindenb. = *Neolepidozia tridactylis* (Lehm. & Lindenb.) E.D.Cooper
 [61] *Jungermannia trifaria* Reinw., Blume & Nees = *Cheileolejeunea trifaria* (Reinw., Blume & Nees) Mizut.
 [58] *Jungermannia tuloides* Hook.f. & Taylor = *Gottschea tuloides* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [49] *Jungermannia ulothrix* Schwägr. = *Lepidozia ulothrix* (Schwägr.) Lindenb.
 [58] *Jungermannia undulata* L. = *Scapania undulata* (L.) Dumort.
 [58] *Jungermannia unguicularis* Hook.f. & Taylor = *Schistochila balfouriana* (Hook.f. & Taylor) Steph.
 [41] *Jungermannia unguiculata* Hook.f. & Taylor = *Goebelobryum unguiculatum* (Hook.f. & Taylor) Grolle
 [64] *Jungermannia uvifera* Hook.f. & Taylor = *Radula uvifera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [44] *Jungermannia varians* Gottsche = *Cephaloziella varians* (Gottsche) Steph.
 [52] *Jungermannia vermicularis* Lehm. = *Clasmatocolea vermicularis* (Lehm.) Grolle
 [59] *Jungermannia victoriensis* (Bibby) E.A.Hodgs. = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [44] *Jungermannia whiteleggei* Carrington & Pearson = *Chaetophyllopsis whiteleggei* (Carrington & Pearson) R.M.Schust. ex Hamlin
- Hamlin**
- [66] *Jungermannia wondraczekii* Corda = *Fossombronia wondraczekii* (Corda) Dumort.
 [66] *Jungermannia xiphoides* Hook.f. & Taylor = *Pallavicinia xiphoides* (Hook.f. & Taylor) Trevis.
 [40] **Jungermanniales** H.Klinggr.
 [40] **Jungermanniidae** J.J.Engel
 [40] **Jungermanniopsida** Stotler & Crand.-Stotl.
 [19] *Juratzkaea leptura* (Taylor) W.R.Buck = *Ischyrodon lepturus* (Taylor) Schelpe
 [43] *Kantius* Gray = *Calypogeia* Raddi
 [43] *Kantius sphagnicola* Arnell & J.Perss. = *Calypogeia sphagnicola* (Arnell & J.Perss.) Warnst. & Loeske
 [29] **Kiaeria** I.Hagen
 [29] *Kiaeria pumila* (Mitt.) Ochyra
 [29] *Kiaeria spenceri* (Dixon & Sainsbury) Fife
 [18] *Kindbergia praelonga* (Hedw.) Ochyra = *Eurhynchium praelongum* (Hedw.) Schimp.
 [47] **Kurzia** G.Martens
 [47] *Kurzia allisonii* (Herzog) Grolle = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
 [47] *Kurzia calcarata* (Steph.) Grolle
 [47] *Kurzia calcarata* var. *temnomoides* (R.M.Schust) R.M.Schust. = *Kurzia calcarata* (Steph.) Grolle

- [47] *Kurzia compacta* (Steph.) Grolle
 [47] *Kurzia dendroides* (Carrington & Pearson) Grolle
 [47] *Kurzia fragilifolia* R.M.Schust.
 [47] *Kurzia helophila* R.M.Schust.
 [47] *Kurzia helophila* var. *flaccida* J.J.Engel
 [47] *Kurzia helophila* var. *flaccida* R.M.Schust. = *Kurzia helophila* var. *flaccida* J.J.Engel
 [47] *Kurzia helophila* R.M.Schust. var. *helophila*
 [47] *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
 [47] *Kurzia hippuroides* (Hook.f. & Taylor) Grolle var. *hippuroides*
 [47] *Kurzia hippuroides* var. *ornata* J.J.Engel & G.L.Merr.
 [49] *Kurzia insulana* (W.Martin & E.A.Hodgs.) Grolle = *Megalembidium insulanum* (W.Martin & E.A.Hodgs.) R.M.Schust.
 [47] *Kurzia moniliformis* J.J.Engel
 [47] *Kurzia nivicola* (R.M.Schust.) E.D.Cooper
 [47] *Kurzia pallescens* Grolle
 [47] *Kurzia quadriseta* Grolle = *Kurzia pallescens* Grolle
 [48] *Kurzia quadriseta* var. *trilobata* R.M.Schust. = *Kurzia trilobata* (R.M.Schust.) R.M.Schust.
 [48] *Kurzia quinquespina* J.J.Engel & G.L.Merr.
 [47] *Kurzia temnomoides* R.M.Schust. = *Kurzia calcarata* (Steph.) Grolle
 [48] *Kurzia tenax* (Grev.) Grolle
 [48] *Kurzia trilobata* (R.M.Schust.) R.M.Schust.
 [62] *Kymatolejeunea* Grolle
 [62] *Kymatolejeunea bartlettii* Grolle
 [54] *Lamellocolea* J.J.Engel
 [54] *Lamellocolea granditexta* (Steph.) J.J.Engel
 [54] *Lamellocolea integrostia* J.J.Engel & Glenny
 [59] *Leiomitra* Lindb.
 [57] *Leiomitra julacea* J.J.Engel = *Castanoclobos julaceus* (J.J.Engel) J.J.Engel & Glenny
 [59] *Leiomitra lanata* (Hook.) R.M.Schust.
 [54] *Leioscyphus* Mitt. = *Leptoscyphus* Mitt.
 [52] *Leioscyphus turgescens* (Hook.f. & Taylor) Mitt. = *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [24] *Leiotheca gracilis* (Hook.) Brid. = *Macromitrium gracile* (Hook.) Schwägr.
 [62] *Lejeunea* Lib.
 [62] *Lejeunea albiflora* Colenso
 [62] *Lejeunea anisophylla* Mont.
 [60] *Lejeunea belangeriana* Gottsche = *Ceratolejeunea belangeriana* (Gottsche) Steph.
 [61] *Lejeunea cardiocarpa* Mont. = *Cololejeunea cardiocarpa* (Mont.) A.Evans
 [61] *Lejeunea ceylanica* Gottsche = *Cheilolejeunea ceylanica* (Gottsche) R.M.Schust. & Kachroo
 [62] *Lejeunea colensoana* (Steph.) M.A.M.Renner
 [61] *Lejeunea comitans* Hook.f. & Taylor = *Cheilolejeunea comitans* (Hook.f. & Taylor) R.M.Schust.
 [62] *Lejeunea cucullata* (Reinw., Blume & Nees) Nees = *Metalejeunea cucullata* (Reinw., Blume & Nees) Grolle
 [62] *Lejeunea cyanophora* R.M.Schust.
 [63] *Lejeunea dentata* Mitt. = *Radula cuspidata* Steph.
 [62] *Lejeunea elobata* Pearson = *Lejeunea subelobata* Carrington & Pearson
 [62] *Lejeunea epiphylla* Colenso
 [62] *Lejeunea exilis* (Reinw., Blume & Nees) Grolle
 [62] *Lejeunea flava* (Sw.) Nees
 [62] *Lejeunea gracilipes* (Taylor) Spruce
 [62] *Lejeunea hawaikiana* M.A.M.Renner & de Lange
 [62] *Lejeunea helmsiana* Steph.
 [62] *Lejeunea hodgsoniana* Grolle ex R.J.Lewington, P.Beveridge & M.A.M.Renner
 [61] *Lejeunea intertexta* Lindenb. = *Cheilolejeunea intertexta* (Lindenb.) Steph.
 [61] *Lejeunea laevigata* Mitt. = *Cololejeunea laevigata* (Mitt.) R.M.Schust.
 [62] *Lejeunea latitans* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [61] *Lejeunea lyratifolia* Hook.f. & Taylor = *Diplasiolejeunea plicatiloba* (Hook.f. & Taylor) Grolle
 [62] *Lejeunea muelleriana* Gottsche = *Lopholejeunea nigricans* (Lindenb.) Schiffn.
 [62] *Lejeunea nigricans* Lindenb. = *Lopholejeunea nigricans* (Lindenb.) Schiffn.
 [63] *Lejeunea nudipes* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog
 [62] *Lejeunea oracula* M.A.M.Renner
 [61] *Lejeunea papillata* Mitt. = *Echinolejeunea papillata* (Mitt.) R.M.Schust. ex Hamlin
 [61] *Lejeunea pentadactyla* Mont. = *Drepanolejeunea pentadactyla* (Mont.) Steph.
 [63] *Lejeunea planiuscula* Mitt. = *Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.
 [62] *Lejeunea pocsii* R.M.Schust. = *Lejeunea helmsiana* Steph.
 [62] *Lejeunea primordialis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [61] *Lejeunea pulchella* Mitt. = *Cololejeunea pulchella* (Mitt.) R.M.Schust.
 [60] *Lejeunea pycnocladus* (Taylor) Mitt. = *Acrolejeunea pycnoclada* (Taylor) Schiffn.
 [62] *Lejeunea rhigophila* M.A.M.Renner
 [62] *Lejeunea schusteri* Grolle
 [61] *Lejeunea* sect. *Colura* Dumort. = *Colura* (Dumort.) Dumort.
 [61] *Lejeunea* sect. *Physocolea* Spruce = *Cololejeunea* (Spruce) Steph.
 [62] *Lejeunea sinclairii* Spruce
 [63] *Lejeunea spathulistipus* (Reinw., Blum & Nees) Dumort. = *Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.
 [62] *Lejeunea stephensoniana* Mitt. = *Ptychanthus stephensonianus* (Mitt.) Steph.
 [62] *Lejeunea subelobata* Carrington & Pearson
 [60] *Lejeunea* subgen. *Acrolejeunea* Spruce = *Acrolejeunea* (Spruce) Schiffn.
 [60] *Lejeunea* subgen. *Cheilolejeunea* Spruce = *Cheilolejeunea* (Spruce) Steph.
 [61] *Lejeunea* subgen. *Cololejeunea* Spruce = *Cololejeunea* (Spruce) Steph.
 [61] *Lejeunea* subgen. *Diplasiolejeunea* Spruce = *Diplasiolejeunea* (Spruce) Schiffn.
 [61] *Lejeunea* subgen. *Drepanolejeunea* Spruce = *Drepanolejeunea* (Spruce) (Steph.)

- [62] *Lejeunea* subgen. *Leptolejeunea* Spruce = ***Leptolejeunea* (Spruce) Steph.**
 [62] *Lejeunea* subgen. *Lopholejeunea* Spruce = ***Lopholejeunea* (Spruce) Steph.**
 [62] *Lejeunea* subgen. *Microlejeunea* Spruce = ***Microlejeunea* (Spruce) Steph.**
 [62] *Lejeunea* subgen. *Pycnolejeunea* Spruce = ***Pycnolejeunea* (Spruce) Schiffn.**
 [61] *Lejeunea trifaria* (Reinw., Blume & Nees) Nees = ***Cheilelejeunea trifaria* (Reinw., Blume & Nees) Mizut.**
 [62] ***Lejeunea tumida* Mitt.**
 [61] *Lejeunea vesiculosa* Mitt. = ***Drepanolejeunea vesiculosa* (Mitt.) Steph.**
 [60] ***Lejeuneaceae* Cavers**
 [48] ***Lembidium* Mitt.**
 [47] *Lembidium anomalum* Rodway = ***Isolembidium anomalum* (Rodway) Grolle**
 [47] *Lembidium australe* (Steph.) Grolle = ***Hygrolembidium australe* (Steph.) Grolle**
 [48] ***Lembidium berggrenii* Herzog**
 [47] *Lembidium cucullatum* E.A.Hodgs. = ***Isolembidium anomalum* var. *cucullatum* (E.A.Hodgs.) J.J.Engel & R.M.Schust.**
 [47] *Lembidium dendroides* Carrington & Pearson = ***Kurzia dendroides* (Carrington & Pearson) Grolle**
 [49] *Lembidium insulanum* W.Martin & E.A.Hodgs. = ***Megalembidium insulanum* (W.Martin & E.A.Hodgs.) R.M.Schust.**
 [47] *Lembidium isodictyon* Herzog = ***Hygrolembidium acrocladum* (Berggr.) R.M.Schust.**
 [48] ***Lembidium longifolium* R.M.Schust.**
 [48] ***Lembidium nutans* (Hook.f. & Taylor) Mitt.**
 [48] ***Lembidium nutans* var. *flagelliferum* E.A.Hodgs.**
 [48] ***Lembidium nutans* (Hook.f. & Taylor) Mitt. var. *nutans***
 [47] *Lembidium stereophyllum* Herzog = ***Hygrolembidium australe* (Steph.) Grolle**
 [47] *Lembidium* subgen. *Isodictyon* Herzog = ***Hygrolembidium* R.M.Schust.**
 [48] *Lembidium tenax* (Grev.) Steph. = ***Kurzia tenax* (Grev.) Grolle**
 [20] ***Lembophyllaceae* Broth.**
 [21] ***Lembophyllum* Lindb.**
 [21] *Lembophyllum clandestinum* (Hook.f. & Wilson) Lindb.
 [21] ***Lembophyllum divulgum* (Hook.f. & Wilson) Lindb.**
 [21] *Lembophyllum divulgum* var. *clandestinum* (Hook.f. & Wilson) Wijk & Margad. = ***Lembophyllum clandestinum* (Hook.f. & Wilson) Lindb.**
 [20] *Lembophyllum microvagum* (Beckett) Beckett = ***Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum**
 [45] *Leperoma scolopendra* (Hook.) Bastow = ***Lepicolea scolopendra* (Hook.) Trevis.**
 [45] ***Lepicolea* Dumort.**
 [45] ***Lepicolea attenuata* (Mitt.) Steph.**
 [48] *Lepicolea longifissa* St. = ***Lepidozia spinosissima* (Hook.f. & Taylor) Mitt.**
 [45] ***Lepicolea scolopendra* (Hook.) Trevis.**
 [45] ***Lepicoleaceae* R.M.Schust.**
 [45] ***Lepidogyna* R.M.Schust.**
 [45] ***Lepidogyna hodgsoniae* (Grolle) R.M.Schust.**
 [45] ***Lepidolaena* Dumort.**
 [45] ***Lepidolaena berggrenii* E.A.Hodgs.**
 [46] *Lepidolaena brachyclada* f. *alpina* Rodway = ***Lepidolaena reticulata* (Hook.f. & Taylor) Trevis.**
 [45] ***Lepidolaena clavigera* (Hook.) Dumort ex Trevis.**
 [45] *Lepidolaena hodgsoniae* Grolle = ***Lepidogyna hodgsoniae* (Grolle) R.M.Schust.**
 [45] ***Lepidolaena novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg**
 [46] ***Lepidolaena palpebrifolia* (Hook.) Dumort. ex Trevis.**
 [46] ***Lepidolaena reticulata* (Hook.f. & Taylor) Trevis.**
 [46] ***Lepidolaena taylorii* (Gottsche) Trevis.**
 [45] *Lepidolaena weindorferi* Herzog = ***Gackstroemia weindorferi* (Herzog) Grolle**
 [45] ***Lepidolaenaceae* Nakai**
 [62] ***Lepidolejeunea* R.M.Schust.**
 [62] ***Lepidolejeunea integristipula* (J.B.Jack & Steph.) R.M.Schust.**
 [48] ***Lepidozia* (Dumort.) Dumort.**
 [48] ***Lepidozia acantha* J.J.Engel**
 [49] *Lepidozia albula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = ***Lepidozia ulothrix* (Schwägr.) Lindenb.**
 [47] *Lepidozia allisonii* Herzog = ***Kurzia hippuroides* (Hook.f. & Taylor) Grolle**
 [48] *Lepidozia angelii* Gottsche ex Steph. = ***Lepidozia hirta* Steph.**
 [48] *Lepidozia asperifolia* Steph. = ***Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees**
 [49] *Lepidozia beckettiana* Steph. = ***Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper**
 [48] ***Lepidozia bidens* J.J.Engel**
 [48] ***Lepidozia bisbifida* Steph.**
 [48] ***Lepidozia bragginsiana* E.D.Cooper & M.A.M.Renner**
 [48] *Lepidozia breviloba* Steph. = ***Lepidozia procera* Mitt.**
 [48] *Lepidozia brevipinna* Pearson = ***Lepidozia bisbifida* Steph.**
 [47] *Lepidozia calcarata* Steph. = ***Kurzia calcarata* (Steph.) Grolle**
 [49] *Lepidozia cancellata* Colenso = ***Neolepidozia tetrapila* var. *cancellata* (Colenso) E.D.Cooper**
 [49] *Lepidozia cavernarum* Herzog = ***Paracromastigum furcifolium* (Steph.) R.M.Schust.**
 [48] *Lepidozia colensoana* Steph. = ***Lepidozia concinna* Colenso**
 [47] *Lepidozia compacta* Steph. = ***Kurzia compacta* (Steph.) Grolle**
 [48] ***Lepidozia concinna* Colenso**
 [49] *Lepidozia corticola* Steph. = ***Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper**
 [48] *Lepidozia cupressina* var. *pendulina* (Hook.) Lehm. & Lindenb. = ***Lepidozia pendulina* (Hook.) Lindenb.**
 [48] *Lepidozia dentifolia* Steph. = ***Lepidozia kirkii* Steph.**
 [48] ***Lepidozia digitata* Herzog**
 [47] *Lepidozia dispar* (Mont. ex Taylor & Hook.f.) Mont. = ***Kurzia hippuroides* (Hook.f. & Taylor) Grolle**
 [47] *Lepidozia elegans* Colenso = ***Ceramanus elegans* (Colenso) E.D.Cooper**
 [48] ***Lepidozia elobata* R.M.Schust.**
 [48] ***Lepidozia fugax* J.J.Engel**
 [49] *Lepidozia gibbsiana* Steph. = ***Neolepidozia gibbsiana* (Steph.) E.D.Cooper**
 [48] *Lepidozia gigantea* Steph. = ***Lepidozia pendulina* (Hook.) Lindenb.**

- [48] *Lepidozia glaucescens* J.J.Engel
 [48] *Lepidozia glaucophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [49] *Lepidozia gottscheana* Lindenb. = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [49] *Lepidozia gracillima* Carrington & Pearson = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [50] *Lepidozia hepaticola* Steph. = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [50] *Lepidozia herzogii* E.A.Hodgs. = *Telaranea herzogii* (E.A.Hodgs.) E.A.Hodgs.
 [47] *Lepidozia hippuroides* (Hook.f. & Taylor) Steph. = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
 [48] *Lepidozia hirta* Steph.
 [47] *Lepidozia integrastipula* Steph. = *Drucella integrastipula* (Steph.) E.A.Hodgs.
 [48] *Lepidozia kirkii* Steph.
 [48] *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [48] *Lepidozia laevifolia* var. *acutiloba* J.J.Engel
 [48] *Lepidozia laevifolia* var. *alpina* R.M.Schust. & J.J.Engel
 [48] *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *laevifolia*
 [48] *Lepidozia latiloba* Colenso = *Lepidozia concinna* Colenso
 [49] *Lepidozia leptodictyon* Herzog = *Pseudocephalozia lepidozioides* R.M.Schust.
 [50] *Lepidozia leucocarpa* Colenso = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [50] *Lepidozia lindenbergii* (Gottsche) = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [50] *Lepidozia martinii* E.A.Hodgs. = *Tricholepidozia martinii* (E.A.Hodgs.) E.D.Cooper
 [49] *Lepidozia meridiana* E.A.Hodgs. = *Neolepidozia meridiana* (E.A.Hodgs.) E.D.Cooper
 [49] *Lepidozia meridiana* var. *paludicola* E.A.Hodgs. = *Neolepidozia paludicola* (E.A.Hodgs.) E.D.Cooper
 [48] *Lepidozia microphylla* (Hook.) Lindenb.
 [48] *Lepidozia minuta* Colenso = *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [50] *Lepidozia minutissima* Colenso = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [48] *Lepidozia multipinna* Steph. = *Lepidozia microphylla* (Hook.) Lindenb.
 [48] *Lepidozia novae-zelandiae* Steph.
 [48] *Lepidozia novae-zelandiae* var. *heterostipa* R.M.Schust.
 [48] *Lepidozia novae-zelandiae* var. *minima* R.M.Schust.
 [48] *Lepidozia novae-zelandiae* Steph. var. *novae-zelandiae*
 [48] *Lepidozia obtusiloba* Steph.
 [48] *Lepidozia obtusiloba* Steph. var. *obtusiloba*
 [48] *Lepidozia obtusiloba* var. *parvula* J.J.Engel
 [50] *Lepidozia occulta* Colenso = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [49] *Lepidozia oldfieldiana* Steph. = *Neolepidozia tridactylis* (Lehm. & Lindenb.) E.D.Cooper
 [48] *Lepidozia ornata* J.J.Engel
 [48] *Lepidozia papillata* Steph. = *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [48] *Lepidozia parvitexta* Steph. = *Lepidozia obtusiloba* Steph.
 [48] *Lepidozia pendulina* (Hook.) Lindenb.
 [49] *Lepidozia praenitens* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees = *Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper
 [48] *Lepidozia procera* Mitt.
 [50] *Lepidozia pulcherrima* Steph. = *Tricholepidozia pulcherrima* (Steph.) E.D.Cooper
 [48] *Lepidozia pumila* J.J.Engel
 [50] *Lepidozia radiata* Steph. = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [57] *Lepidozia randii* S.W.Arnell = *Temnoma quadripartitum* var. *randii* (S.W.Arnell) R.M.Schust.
 [50] *Lepidozia remotifolia* E.A.Hodgs. = *Tricholepidozia remotifolia* (E.A.Hodgs.) E.D.Cooper
 [48] *Lepidozia retrusa* Colenso = *Lepidozia laevifolia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [49] *Lepidozia roseana* Steph. = *Neolepidozia tetrapila* var. *roseana* (Steph.) E.D.Cooper
 [48] *Lepidozia serrulata* J.J.Engel
 [48] *Lepidozia setigera* Steph.
 [48] *Lepidozia spinosissima* (Hook.f. & Taylor) Mitt.
 [47] *Lepidozia* subgen. *Microlepidozia* Spruce = *Kurzia* G.Martens
 [48] *Lepidozia subquadrata* Steph. = *Lepidozia bisbifida* Steph.
 [50] *Lepidozia subverticillata* Colenso = *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [48] *Lepidozia tenax* (Grev.) Lindenb. = *Kurzia tenax* (Grev.) Grolle
 [50] *Lepidozia tetradactyla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper
 [49] *Lepidozia tetrapila* Hook.f. & Taylor = *Neolepidozia tetrapila* (Hook.f. & Taylor) E.D.Cooper
 [49] *Lepidozia tridactylis* (Lehm. & Lindenb.) Mont. = *Neolepidozia tridactylis* (Lehm. & Lindenb.) E.D.Cooper
 [47] *Lepidozia tripilosa* Steph. = *Ceramanus elegans* (Colenso) E.D.Cooper
 [49] *Lepidozia ulothrix* (Schwägr.) Lindenb.
 [46] *Lepidoziaceae* Limpr.
 [48] *Lepidoziopsis* E.A.Hodgs. = *Lepidozia* (Dumort.) Dumort.
 [48] *Lepidoziopsis glaucophylla* (Hook.f. & Taylor) E.A.Hodgs. = *Lepidozia glaucophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [38] *Leptangium repens* (Hook.) Mitt. = *Gigaspermum repens* (Hook.) Lindb.
 [27] *Leptobryum* (Bruch & Schimp.) Wilson
 [27] *Leptobryum pyriforme* (Hedw.) Wilson
 [61] *Leptocolea appressa* A.Evans = *Cololejeunea appressa* (A.Evans) Benedix
 [17] *Leptodictyum* (Schimp.) Warnst.
 [17] *Leptodictyum riparium* (Hedw.) Warnst.
 [21] *Leptodon* D.Mohr
 [21] *Leptodon novae-seelandiae* Müll.Hal. = *Leptodon smithii* (Hedw.) F.Weber & D.Mohr
 [21] *Leptodon smithii* (Hedw.) F.Weber & D.Mohr
 [21] *Leptodontaceae* Schimp.
 [35] *Leptodontium* (Müll.Hal.) Lindb.
 [35] *Leptodontium interruptum* (Mitt.) Broth.
 [62] *Leptolejeunea* (Spruce) Steph.
 [62] *Leptolejeunea australis* E.A.Hodgs. = *Leptolejeunea elliptica* subsp. *subacuta* (A.Evans) R.M.Schust.
 [62] *Leptolejeunea elliptica* (Lehm. & Lindenb.) Besch.
 [62] *Leptolejeunea elliptica* subsp. *subacuta* (A.Evans) R.M.Schust.

- [62] *Leptolejeunea subacuta* A.Evans = *Leptolejeunea elliptica* subsp. *subacuta* (A.Evans) R.M.Schust.
 [34] *Leptophascum* (Müll.Hal.) J.Guerra & M.J.Cano = *Chenia* R.H.Zander
 [34] *Leptophascum leptophyllum* (Müll.Hal.) J.Guerra & M.J.Cano = *Chenia leptophylla* (Müll.Hal.) R.H.Zander
 [54] *Leptophyllopsis* R.M.Schust.
 [54] *Leptophyllopsis laxa* (Mitt.) R.M.Schust.
 [54] *Leptoscyphus* Mitt.
 [54] *Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
 [54] *Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel
 [54] *Leptoscyphus compactus* (Colenso) J.J.Engel
 [54] *Leptoscyphus erraticus* (W.Martin & E.A.Hodgs.) J.J.Engel = *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
 [54] *Leptoscyphus excipulatus* (Steph.) J.J.Engel
 [54] *Leptoscyphus excipulatus* (Steph.) J.J.Engel var. *excipulatus*
 [54] *Leptoscyphus heterophyllus* (Steph.) J.J.Engel
 [54] *Leptoscyphus idiodontus* J.J.Engel
 [54] *Leptoscyphus incomptus* J.J.Engel
 [57] *Leptoscyphus innovatus* (E.A.Hodgs.) J.J.Engel = *Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [54] *Leptoscyphus microphyllidicus* J.J.Engel
 [54] *Leptoscyphus nanophysanthodes* J.J.Engel
 [54] *Leptoscyphus normalis* (Steph.) J.J.Engel = *Leptoscyphus beckettianus* (Steph.) R.M.Schust. ex J.J.Engel
 [54] *Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 [52] *Leptoscyphus turgescens* (Hook.f. & Taylor) Mitt. = *Clasmatocolea strongylophylla* (Hook.f. & Taylor) Grolle
 [14] *Leptostomataceae* Schwägr.
 [14] *Leptostomum* R.Br.
 [14] *Leptostomum gracile* R.Br. = *Leptostomum inclinans* R.Br.
 [14] *Leptostomum inclinans* R.Br.
 [14] *Leptostomum macrocarpon* (Hedw.) Bach.Pyl.
 [26] *Leptothea* Schwägr.
 [26] *Leptothea gaudichaudii* Schwägr.
 [30] *Leptotrichum australe* Mitt. = *Ditrichum strictum* (Hook.f. & Wilson) Hampe
 [30] *Leptotrichum cylindricarpum* Müll.Hal. = *Ditrichum cylindricarpum* (Müll.Hal.) F.Muell.
 [21] *Lepyrodon* Hampe
 [21] *Lepyrodon australis* Hampe ex Broth.
 [21] *Lepyrodon lagurus* (Hook.) Mitt.
 [27] *Lepyrodon pseudolagurus* B.H.Allen = *Lepyrodon lagurus* (Hook.) Mitt.
 [21] *Lepyrodontaceae* Broth.
 [24] *Leratia* Broth. & Paris
 [24] *Leratia obtusifolia* (Hook.) Goffinet
 [20] *Leskea arbuscula* (Sm.) Schwägr. = *Camptochaete arbuscula* (Sm.) Reichardt
 [17] *Leskea concinna* Hook. = *Lopidium concinnum* (Hook.) Hook.f. & Wilson
 [16] *Leskea cristata* Hedw. = *Calyptrochaeta cristata* (Hedw.) Desv.
 [19] *Leskea dendroides* Hedw. = *Climacium dendroides* (Hedw.) F.Weber & D.Mohr
 [26] *Leskea ericoides* Hook. = *Cladomnion ericoides* (Hook.) Hook.f. & Wilson
 [16] *Leskea filiculiformis* Hedw. = *Dendrohypopterygium filiculiforme* (Hedw.) Kruijer
 [22] *Leskea homomalla* Hampe = *Sematophyllum homomallum* (Hampe) Broth.
 [21] *Leskea imbricata* Hook.f. & Wilson = *Pseudoleskea imbricata* (Hook.f. & Wilson) Broth.
 [20] *Leskea inflectens* Brid. = *Vesicularia inflectens* (Brid.) Müll.Hal.
 [23] *Leskea laeviuscula* Mitt. = *Thuidium laeviusculum* (Mitt.) A.Jaeger
 [27] *Leskea mollis* Hedw. = *Weymouthia mollis* (Hedw.) Broth.
 [19] *Leskea nitens* Brid. = *Catagonium nitens* (Brid.) Cardot
 [16] *Leskea pennata* Labill. = *Cyathophorum bulbosum* (Hedw.) Müll.Hal.
 [20] *Leskea pulchella* Hedw. = *Isopterygiopsis pulchella* (Hedw.) Z.Iwats.
 [15] *Leskea quadrifaria* (Sm.) Schwägr. = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [26] *Leskea sciuroides* Hook. = *Glyphtothecium sciuroides* (Hook.) Hampe
 [23] *Leskea sulcata* Hook. = *Braithwaitea sulcata* (Hook.) A.Jaeger
 [16] *Leskea tamariscina* Hedw. = *Canalohypopterygium tamariscinum* (Hedw.) Kruijer
 [19] *Leskea umbrosum* Mitt. = *Echinodium umbrosum* (Mitt.) A.Jaeger
 [17] *Leskea varia* Hedw. = *Amblystegium varium* (Hedw.) Lindb.
 [21] *Leskeaceae* Schimp.
 [41] *Lethocolea* Mitt.
 [40] *Lethocolea concinna* (Mitt.) Bastow = *Acrobolbus concinnus* (Mitt.) Grolle
 [59] *Lethocolea grandifolia* Berggr. = *Solenostoma hodgsoniae* (Grolle) J.J.Engel
 [41] *Lethocolea pansa* (Taylor) G.A.M.Scott & K.G.Beckm.
 [41] *Lethocolea squamata* (Taylor) E.A.Hodgs. = *Lethocolea pansa* (Taylor) G.A.M.Scott & K.G.Beckm.
 [32] *Leucobryaceae* Schimp.
 [32] *Leucobryum* Hampe
 [32] *Leucobryum candidum* (P.Beauv.) Hook.f. & Wilson = *Leucobryum javense* (Brid.) Mitt.
 [32] *Leucobryum javense* (Brid.) Mitt.
 [32] *Leucobryum laticaulum* Müll.Hal. = *Leucobryum javense* (Brid.) Mitt.
 [32] *Leucobryum pentastichum* Dozy & Molk. = *Leucobryum javense* (Brid.) Mitt.
 [28] *Leucodon calycinus* Hook. = *Dicnemon calycinus* (Hook.) Schwägr.
 [21] *Leucodon implexus* Hook.f. = *Lepyrodon australis* Hampe ex Broth.
 [27] *Leucodon lagurus* Hook. = *Lepyrodon lagurus* (Hook.) Mitt.
 [26] *Leucodon nitidus* Hook.f. & Wilson = *Dichelodontium nitidum* (Hook.f. & Wilson) Broth.
 [29] *Leucodon pallidus* Hook. = *Sclerodontium pallidum* (Hook.) Schwägr.
 [29] *Leucoloma billardierei* (Brid.) Broth. = *Dicranoloma billardierei* (Brid.) Paris
 [29] *Leucoloma dicarpum* (Nees) Broth. = *Dicranoloma dicarpum* (Nees) Paris
 [29] *Leucoloma dicranoides* Broth. = *Dicranoloma dicarpum* (Nees) Paris
 [29] *Leucoloma fasciatum* (Hedw.) Broth. = *Dicranoloma fasciatum* (Hedw.) Paris
 [29] *Leucoloma menziesii* (Taylor) Broth. = *Dicranoloma menziesii* (Taylor) Renauld

- [29] *Leucoloma* subgen. *Dicnemoloma* Renauld = *Sclerodontium* Schwägr.
 [29] *Leucoloma* subgen. *Dicranoloma* Renauld = *Dicranoloma* (Renauld) Renauld
 [49] *Leucosarmentum* Fulford = *Paracromastigum* Fulford & J.Taylor
 [17] *Limprichtia cossonii* (Schimp.) L.E.Anderson, H.A.Crum & W.R.Buck = *Scorpidium cossonii* (Schimp.) Hedenäs
 [21] *Lindbergia* Kindb.
 [21] *Lindbergia maritima* Lewinsky
 [64] *Lobatirricardia* (Mizut. & S.Hatt.) Furuki
 [64] *Lobatirricardia alterniloba* (Hook.f. & Taylor) Furuki
 [64] *Lobatirricardia coronopus* (De Not. ex Steph.) Furuki
 [64] *Lobatirricardia coronopus* subsp. *australis* (R.M.Schust) Nebel, Preussing, Schäf.Verw. & D.Quandt
 [64] *Lobatirricardia lobata* (Schiffn.) Furuki = *Lobatirricardia coronopus* (De Not. ex Steph.) Furuki
 [64] *Lobatirricardia subaquatica* (R.M.Schust.) Nebel
 [30] *Lophiodon* Hook.f. & Wilson = *Ditrichum* Timm ex Hampe
 [30] *Lophiodon strictus* Hook.f. & Wilson = *Ditrichum strictum* (Hook.f. & Wilson) Hampe
 [51] *Lophocolea* (Dumort.) Dumort. = *Chiloscyphus* Corda
 [52] *Lophocolea aculeata* (Mitt.) E.A.Hodgs. = *Cryptolophocolea aculeata* (Mitt.) L.Söderstr.
 [53] *Lophocolea allodonta* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [52] *Lophocolea amplexens* Mitt. = *Clasmatocolea inflexispina* (Hook.f. & Taylor) J.J.Engel
 [51] *Lophocolea anisoloba* (J.J.Engel & Glenn) L.Söderstr. = *Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea aperticaulis* (J.J.Engel) L.Söderstr. = *Chiloscyphus aperticaulis* J.J.Engel
 [54] *Lophocolea australis* (Gottsche, Lindenb. & Nees) Mitt. = *Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
 [51] *Lophocolea austrigena* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Chiloscyphus austrigenus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [52] *Lophocolea beckettiana* Steph. = *Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust.
 [53] *Lophocolea biciliata* (Hook.f. & Taylor) Mitt. = *Heteroscyphus allodontus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [52] *Lophocolea bicuspidata* Pearson = *Cryptolophocolea trialata* (Gottsche) L.Söderstr.
 [51] *Lophocolea bidentata* var. *cuspidata* Nees = *Chiloscyphus cuspidatus* (Nees) J.J.Engel & R.M.Schust.
 [51] *Lophocolea bispinosa* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees = *Chiloscyphus bispinosus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Lophocolea calcarea* Steph. = *Chiloscyphus calcareus* (Steph.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea canaliculata* (Gottsche, Lindenb. & Nees) Steph. = *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees
 [51] *Lophocolea cheesemani* Steph. = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [53] *Lophocolea chlorophylla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Heteroscyphus chlorophyllus* (Hook.f. & Taylor) Schiffn.
 [54] *Lophocolea colensoi* Mitt. = *Heteroscyphus oblongifolius* (Hook.f. & Taylor) Schiffn.
 [52] *Lophocolea crassiretis* Herzog = *Clasmatocolea crassiretis* (Herzog) Grolle
 [51] *Lophocolea curvifolia* Herzog = *Chiloscyphus bispinosus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Lophocolea cuspidata* subsp. *antipodea* R.M.Schust. = *Chiloscyphus cuspidatus* (Nees) J.J.Engel & R.M.Schust.
 [51] *Lophocolea dalliana* Steph. = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [51] *Lophocolea decurrens* Herzog = *Chiloscyphus herzogii* J.J.Engel & R.M.Schust.
 [41] *Lophocolea decurva* Mitt. = *Saccogynidium decurva* (Mitt.) Grolle
 [53] *Lophocolea echinella* Lindenb. & Gottsche = *Heteroscyphus echinellus* (Lindenb. & Gottsche) J.J.Engel & He-Nygrén
 [52] *Lophocolea erectifolia* Steph. = *Cryptolophocolea pallida* (Mitt.) L.Söderstr.
 [51] *Lophocolea erosa* (J.J.Engel) L.Söderstr. = *Chiloscyphus erosus* J.J.Engel
 [54] *Lophocolea excipulata* Steph. = *Leptoscyphus excipulatus* (Steph.) J.J.Engel
 [51] *Lophocolea excisifolia* Steph. = *Chiloscyphus excisifolius* (Steph.) J.J.Engel & R.M.Schust.
 [54] *Lophocolea filicicola* Steph. = *Leptoscyphus physanthus* (Hook.f. & Taylor) J.J.Engel
 [55] *Lophocolea fiordlandiae* E.A.Hodgs. = *Stolonivector fiordlandiae* (E.A.Hodgs.) J.J.Engel
 [51] *Lophocolea fissistipula* Steph. = *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea fulva* Steph. = *Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
 [51] *Lophocolea fusca* Steph. = *Chiloscyphus cuspidatus* (Nees) J.J.Engel & R.M.Schust.
 [51] *Lophocolea geheebii* Steph. = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [51] *Lophocolea goebeliana* Steph. = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Lophocolea grandistipula* Schiffn. = *Chiloscyphus novae-zeelandiae* var. *grandistipulus* (Schiffn.) J.J.Engel
 [54] *Lophocolea granditexta* Steph. = *Lamellocolea granditexta* (Steph.) J.J.Engel
 [51] *Lophocolea grisea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees. = *Chiloscyphus novae-zeelandiae* (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea gunniana* Nees = *Chiloscyphus austrigenus* subsp. *okaritanus* (Steph.) J.J.Engel
 [51] *Lophocolea hattorii* (J.J.Engel) L.Söderstr. = *Chiloscyphus hattorii* J.J.Engel
 [52] *Lophocolea helmsiana* Steph. = *Cryptolophocolea helmsiana* (Steph.) L.Söderstr.
 [54] *Lophocolea helmsiana* var. *subparallela* E.A.Hodgs. = *Heteroscyphus parallelifolius* J.J.Engel
 [51] *Lophocolea heterophylloides* Nees = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [51] *Lophocolea heterophylloides* var. *canaliculata* (Gottsche, Lindenb. & Nees) Carrington & Pearson = *Chiloscyphus canaliculatus* Gottsche, Lindenb. & Nees
 [51] *Lophocolea heterophylloides* var. *crassiflora* Pearson = *Chiloscyphus semiteres* (Lehm.) Lehm. & Lindenb.
 [54] *Lophocolea hodgsoniae* Hamlin = *Leptoscyphus australis* (Gottsche, Lindenb. & Nees) R.M.Schust.
 [52] *Lophocolea inflexifolia* Steph. = *Chiloscyphus subporosus* var. *inflexifolius* (Steph.) J.J.Engel
 [51] *Lophocolea innovata* E.A.Hodgs. = *Chiloscyphus innovatus* (E.A.Hodgs.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea insularis* Steph. = *Chiloscyphus rupicola* (Steph.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea kaalaasii* Steph. = *Chiloscyphus subporosus* (Mitt.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea kirkii* Steph. = *Chiloscyphus novae-zeelandiae* var. *grandistipulus* (Schiffn.) J.J.Engel
 [51] *Lophocolea knightii* Steph. = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [54] *Lophocolea lamellicalyx* Herzog = *Lamellocolea granditexta* (Steph.) J.J.Engel
 [51] *Lophocolea lenta* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Chiloscyphus lentus* (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [52] *Lophocolea leucophylla* Gottsche, Lindenb. & Nees = *Cryptolophocolea leucophylla* (Hook.f. & Taylor) L.Söderstr.
 [51] *Lophocolea mediifrons* (J.J.Engel & Braggins) L.Söderstr. = *Chiloscyphus mediifrons* J.J.Engel & Braggins
 [51] *Lophocolea meridionalis* Steph. = *Chiloscyphus novae-zeelandiae* var. *meridionalis* (Steph.) J.J.Engel

- [51] *Lophocolea minuta* Pearson = ***Chiloscyphus bispinosus*** (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Lophocolea mittenii* Steph. = ***Chiloscyphus bispinosus*** (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [54] *Lophocolea multialata* Herzog = ***Lamellocolea granditexta*** (Steph.) J.J.Engel
 [52] *Lophocolea multipenna* (Hook.f. & Taylor) Gottsche, Linenb. & Nees = ***Cryptolophocolea pallida*** (Mitt.) L.Söderstr.
 [51] *Lophocolea muricata* (Lehm.) Nees = ***Chiloscyphus muricatus*** (Lehm.) J.J.Engel & R.M.Schust.
 [54] *Lophocolea normalis* Steph. = ***Leptoscyphus beckettianus*** (Steph.) R.M.Schust. ex J.J.Engel
 [52] *Lophocolea notophylla* (Hook.f. & Taylor) E.A.Hodgs. = ***Clasmatocolea notophylla*** (Hook.f. & Taylor) Grolle
 [51] *Lophocolea novae-zeelandiae* (Lehm. & Lindenb.) Nees = ***Chiloscyphus novae-zeelandiae*** (Lehm. & Lindenb.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea novae-zeelandiae* var. *meridionalis* (Steph.) L.Söderstr. = ***Chiloscyphus novae-zeelandiae* var. *meridionalis*** (Steph.) J.J.Engel
 [51] *Lophocolea okaritana* Steph. = ***Chiloscyphus austrigenus* subsp. *okaritanus*** (Steph.) J.J.Engel
 [52] *Lophocolea pallida* Mitt. = ***Cryptolophocolea pallida*** (Mitt.) L.Söderstr.
 [51] *Lophocolea parvispinea* (J.J.Engel) L.Söderstr. = ***Chiloscyphus parvispinea*** J.J.Engel
 [52] *Lophocolea paucistipula* Rodway = ***Hepatostolonophora paucistipula*** (Rodway) J.J.Engel
 [51] *Lophocolea perpusilla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = ***Chiloscyphus perpusillus*** (Hook.f. & Taylor) J.J.Engel
 [52] *Lophocolea petriana* Steph. = ***Chiloscyphus subporosus*** (Mitt.) J.J.Engel & R.M.Schust.
 [54] *Lophocolea physantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = ***Leptoscyphus physanthus*** (Hook.f. & Taylor) J.J.Engel
 [54] *Lophocolea planiuscula* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = ***Heteroscyphus planiusculus*** (Hook.f. & Taylor) J.J.Engel
 [54] *Lophocolea polyclada* Hook.f. & Taylor = ***Heteroscyphus polycladus*** (Hook.f. & Lév.) R.M.Schust.
 [51] *Lophocolea rotundistipula* Steph. = ***Chiloscyphus novae-zeelandiae* var. *grandistipulus*** (Schiffn.) J.J.Engel
 [51] *Lophocolea rupicola* Steph. = ***Chiloscyphus rupicola*** (Steph.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea scorpionifolia* Steph. = ***Chiloscyphus subporosus*** (Mitt.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea semiteres* (Lehm.) Mitt. = ***Chiloscyphus semiteres*** (Lehm.) Lehm. & Lindenb.
 [52] *Lophocolea spinifera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = ***Cryptolophocolea spinifera*** (Hook.f. & Taylor) L.Söderstr.
 [52] *Lophocolea subporosa* Mitt. = ***Chiloscyphus subporosus*** (Mitt.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea subporosa* var. *inflexifolia* (Steph.) L.Söderstr. = ***Chiloscyphus subporosus* var. *inflexifolius*** (Steph.) J.J.Engel
 [54] *Lophocolea subscorpionifolia* Herzog = ***Lamellocolea granditexta*** (Steph.) J.J.Engel
 [54] *Lophocolea triacantha* (Hook.f. & Lév.) Taylor = ***Heteroscyphus triacanthus*** (Hook.f. & Taylor) Schiffn.
 [52] *Lophocolea trialata* Gottsche = ***Cryptolophocolea trialata*** (Gottsche) L.Söderstr.
 [52] *Lophocolea trichocoleoides* (Glenny, J.J.Engel & He-Nygrén) L.Söderstr. = ***Chiloscyphus trichocoleoides*** Glenny, J.J.Engel & He-Nygrén
 [52] *Lophocolea turgescens* (Hook.f. & Taylor) E.A.Hodgs. = ***Clasmatocolea strongylophylla*** (Hook.f. & Taylor) Grolle
 [52] *Lophocolea unduliflora* Gottsche ex Steph. = ***Clasmatocolea vermicularis*** (Lehm.) Grolle
 [51] *Lophocolea variabilis* Steph. = ***Chiloscyphus rupicola*** (Steph.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea villosa* Mitt. ex Steph. = ***Chiloscyphus villosus*** (Mitt. ex Steph.) J.J.Engel & R.M.Schust.
 [51] *Lophocolea wairoae* Herzog = ***Chiloscyphus calcareus*** (Steph.) J.J.Engel & R.M.Schust.
 [52] *Lophocolea zotovii* Herzog = ***Hepatostolonophora rotata*** (Hook.f. & Taylor) J.J.Engel
 [50] **Lophocoleaceae** (Jörg.) Vanden Berghen
 [62] **Lopholejeunea** (Spruce) Steph.
 [62] *Lopholejeunea colensoi* Steph.
 [62] *Lopholejeunea knightii* Steph.
 [62] *Lopholejeunea muelleriana* (Gottsche) Schiffn. = ***Lopholejeunea nigricans*** (Lindenb.) Schiffn.
 [62] *Lopholejeunea nigricans* (Lindenb.) Schiffn.
 [62] *Lopholejeunea plicatiscypha* (Hook.f. & Taylor) Steph.
 [44] *Lophozia androgyna* R.M.Schust. = ***Protolophozia androgyna*** R.M.Schust. ex Vána et L.Söderstr.
 [44] *Lophozia autoica* R.M.Schust. = ***Protolophozia autoica*** (R.M.Schust.) Vána & L.Söderstr.
 [44] *Lophozia autoica* var. *subalpina* R.M.Schust. = ***Protolophozia subalpina*** (R.M.Schust.) Vána & L.Söderstr.
 [43] *Lophozia badia* (Gottsche) Steph. = ***Cephalozia badia*** (Gottsche) Steph.
 [42] *Lophozia bicrenata* (Schmidel ex Hoffm.) Dumort. = ***Isopaches bicrenatus*** (Schmidel ex Hoffm.) H.Buch
 [44] *Lophozia druceae* Grolle & E.A.Hodgs. = ***Protolophozia druceae*** (Grolle & E.A.Hodgs.) Vána & L.Söderstr.
 [55] *Lophozia excisa* (Dicks.) Dumort. = ***Lophozia excisa*** (Dicks.) Konstant. & Vilnet
 [55] *Lophozia exsecta* (Schmidel ex Schrad.) Dumort. = ***Tritomaria exsecta*** (Schmidel ex Schrad.) Loeske
 [44] *Lophozia herzogiana* E.A.Hodgs. & Grolle = ***Protolophozia herzogiana*** (E.A.Hodgs. & Grolle) Vána & L.Söderstr.
 [42] *Lophozia innominata* E.A.Hodgs. = ***Isopaches pumicicola*** (Berggr.) Bakalin
 [55] *Lophozia marionensis* S.W.Arnell = ***Andrewsianthus marionensis*** (S.W.Arnell) Grolle
 [44] *Lophozia monoica* (E.A.Hodgs.) J.J.Engel = ***Protolophozia monoica*** (E.A.Hodgs.) Vána & L.Söderstr.
 [44] *Lophozia multicuspidata* (Hook.f. & Taylor) Grolle = ***Protolophozia multicuspidata*** (Hook.f. & Taylor) Vána & L.Söderstr.
 [44] *Lophozia nivicola* R.M.Schust. = ***Protolophozia nivicola*** (R.M.Schust.) Vána & L.Söderstr.
 [55] *Lophozia perigonalis* (Hook.f. & Taylor) Grolle = ***Andrewsianthus perigonalis*** (Hook.f. & Taylor) R.M.Schust.
 [55] *Lophozia propagulifera* (Gottsche) Steph. = ***Lophozia excisa*** (Dicks.) Konstant. & Vilnet
 [42] *Lophozia pumicicola* Berggr. = ***Isopaches pumicicola*** (Berggr.) Bakalin
 [55] *Lophozia squarrosa* S.W.Arnell = ***Andrewsianthus marionensis*** (S.W.Arnell) Grolle
 [44] *Lophozia subalpina* (R.M.Schust.) R.M.Schust. = ***Protolophozia subalpina*** (R.M.Schust.) Vána & L.Söderstr.
 [44] *Lophozia* subgen. *Protolophozia* R.M.Schust. = ***Protolophozia*** (R.M.Schust.) Schljakov
 [55] **Lophoziaaceae** Cavers
 [55] **Lophoziaopsis** Konstant. & Vilnet
 [55] *Lophoziaopsis excisa* (Dicks.) Konstant. & Vilnet
 [17] **Lopidium** Hook.f. & Wilson
 [17] *Lopidium concinnum* (Hook.) Hook.f. & Wilson
 [17] *Lopidium pallens* Hook.f. & Wilson = ***Lopidium concinnum*** (Hook.) Hook.f. & Wilson
 [66] **Lunularia** Adans.
 [66] *Lunularia cruciata* (L.) Dumort ex Lindb.
 [66] **Lunulariaceae** H.Klinggr.
 [66] **Lunulariales** H.Klinggr.
 [24] **Macrocoma** (Müll.Hal.) Grout
 [24] *Macrocoma tenue* (Hook. & Grev.) Vitt
 [24] *Macrocoma tenue* (Hook. & Grev.) Vitt subsp. *tenue*

- [24] **Macromitrium** Brid.
 [24] *Macromitrium acutifolium* (Hook. & Grev.) Brid. = **Macromitrium longirostre** (Hook.) Schwägr.
 [24] *Macromitrium appendiculatum* Müll.Hal. = **Macromitrium helmsii** Paris
 [24] *Macromitrium aristatum* Mitt. = **Macromitrium retusum** Hook.f. & Wilson
 [24] *Macromitrium barbatum* Mitt. = **Macrocoma tenue** (Hook. & Grev.) Vitt
 [24] **Macromitrium brevicaule** (Besch.) Broth.
 [24] *Macromitrium caducipilum* Lindb. = **Macromitrium retusum** Hook.f. & Wilson
 [24] *Macromitrium coarctatum* Müll.Hal. = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium erosulum* Mitt. = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium eucalyptorum* Hampe & Müll.Hal. = **Macrocoma tenue** (Hook. & Grev.) Vitt
 [24] *Macromitrium eucalyptorum* var. *recurvulum* (Müll.Hal.) Sainsbury = **Macrocoma tenue** (Hook. & Grev.) Vitt
 [24] *Macromitrium flaccidisetum* Müll.Hal. = **Macromitrium microstomum** (Hook. & Grev.) Schwägr.
 [24] **Macromitrium gracile** (Hook.) Schwägr.
 [24] *Macromitrium gracile* var. *proboscideum* Dixon = **Macromitrium gracile** (Hook.) Schwägr.
 [24] *Macromitrium gracile* var. *retusum* (Hook.f. & Wilson) Sainsbury = **Macromitrium retusum** Hook.f. & Wilson
 [24] **Macromitrium grossirete** Müll.Hal.
 [25] *Macromitrium hectorii* Mitt. = **Schlotheimia campbelliana** Müll.Hal.
 [24] **Macromitrium helmsii** Paris
 [24] **Macromitrium incurvifolium** (Hook. & Grev.) Schwägr.
 [24] **Macromitrium ligulaefolium** Broth.
 [24] **Macromitrium ligulare** Mitt.
 [24] *Macromitrium lonchomitrium* Müll.Hal. = **Macromitrium longipes** (Hook.) Schwägr.
 [24] **Macromitrium longipes** (Hook.) Schwägr.
 [24] **Macromitrium longirostre** (Hook.) Schwägr.
 [24] *Macromitrium longirostre* var. *acutifolium* (Hook. & Grev.) Hook.f. & Wilson = **Macromitrium longirostre** (Hook.) Schwägr.
 [24] *Macromitrium longirostre* var. *caducipilum* (Lindb.) W.Martin & Sainsbury = **Macromitrium retusum** Hook.f. & Wilson
 [24] **Macromitrium longirostre** (Hook.) Schwägr. var. *longirostre*
 [24] **Macromitrium longirostre** var. *ramsayae* (Vitt) Fife
 [24] **Macromitrium microstomum** (Hook. & Grev.) Schwägr.
 [24] *Macromitrium mossmanianum* Müll.Hal. = **Macromitrium gracile** (Hook.) Schwägr.
 [24] *Macromitrium oocarpum* Müll.Hal. = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] **Macromitrium orthophyllum** Mitt.
 [24] *Macromitrium papillifolium* Müll.Hal. = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium petriei* Dixon = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium prorepens* var. *aristata* Allison = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium pseudoheimitrichodes* Müll.Hal. = **Macromitrium longipes** (Hook.) Schwägr.
 [24] *Macromitrium ramsayae* Vitt = **Macromitrium longirostre** var. *ramsayae* (Vitt) Fife
 [24] *Macromitrium recurvulum* Müll.Hal. = **Macrocoma tenue** (Hook. & Grev.) Vitt
 [24] **Macromitrium retusum** Hook.f. & Wilson
 [24] *Macromitrium rigescens* Broth. & Dixon = **Macromitrium grossirete** Müll.Hal.
 [24] *Macromitrium* sect. *Macrocoma* Müll.Hal. = **Macrocoma** (Müll.Hal.) Grout
 [24] *Macromitrium subfragile* Dixon & Sainsbury = **Macromitrium brevicaule** (Besch.) Broth.
 [24] *Macromitrium submucronifolium* Müll.Hal. & Hampe = **Macromitrium prorepens** (Hook.) Schwägr.
 [24] *Macromitrium tenue* (Hook. & Grev.) Brid. = **Macrocoma tenue** (Hook. & Grev.) Vitt
 [24] *Macromitrium wattsi* Broth. = **Macromitrium brevicaule** (Besch.) Broth.
 [24] *Macromitrium weymouthii* Broth. = **Macromitrium microstomum** (Hook. & Grev.) Schwägr.
 [48] *Maculia berggrenii* (Herzog) E.A.Hodgs. = **Lembidium berggrenii** Herzog
 [48] *Maculia filosa* E.A.Hodgs. = **Lembidium berggrenii** Herzog
 [63] *Madotheca* Dumort. = **Porella** L.
 [63] *Madotheca amoena* Colenso = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca elegantula* Mont. = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca latifolia* Colenso = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca partita* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca stangeri* Lindenb. & Gottsche = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca stangeri* var. *elegantula* (Mont.) Gottsche, Lindenb. & Nees = **Porella elegantula** (Mont.) E.A.Hodgs.
 [63] *Madotheca stangeri* var. *ramosa* Gottsche, Lindenb. & Nees = **Porella elegantula** (Mont.) E.A.Hodgs.
 [67] **Marchantia** L.
 [67] **Marchantia berteriana** Lehm. & Lindenb.
 [66] *Marchantia cruciata* L. = **Lunularia cruciata** (L.) Dumort ex Lindb.
 [67] **Marchantia foliacea** Mitt.
 [67] *Marchantia hemisphaerica* L. = **Reboulia hemisphaerica** (L.) Raddi
 [67] *Marchantia hirsuta* Sw. = **Dumortiera hirsuta** (Sw.) Nees
 [67] **Marchantia macropora** Mitt.
 [67] *Marchantia pallida* Steph. = **Marchantia pileata** Mitt.
 [67] **Marchantia pileata** Mitt.
 [67] **Marchantia polymorpha** L.
 [67] *Marchantia polymorpha* L. subsp. *polymorpha*
 [67] *Marchantia polymorpha* subsp. *ruderalis* Bischl. & Boissel.-Dub.
 [67] *Marchantia polymorpha* var. *aquatica* Nees = **Marchantia polymorpha** L.
 [67] **Marchantiaceae** Lindl.
 [66] **Marchantiales** Limpr.
 [66] **Marchantiidae** J.J.Engel
 [39] **Marchantiophyta**
 [66] **Marchantiopsida** Cronquist
 [67] *Marchasta* E.O.Campb. = **Neohodgsonia** Perss.
 [67] *Marchasta areolata* E.O.Campb. = **Neohodgsonia mirabilis** (Perss.) Perss.
 [45] **Marsupella** Dumort.
 [45] **Marsupella sparsifolia** (Lindb.) Dumort.

- [45]*Marsupella sparsifolia* subsp. *childii* R.M.Schust.
 [45]*Marsupella sprucei* (Limpr.) Bernet
 [45]*Marsupella ustulata* var. *sprucei* (Limpr.) R.M.Schust. = *Marsupella sprucei* (Limpr.) Bernet
 [40]*Marsupellopsis* (Schniffn.) Berggr. = *Acrobolbus* Nees
 [40]*Marsupellopsis cinerascens* (Lehm. & Lindenb.) Berggr. = *Acrobolbus cinerascens* (Lehm. & Lindenb.) Bastow
 [40]*Marsupidium* Mitt. = *Acrobolbus* Nees
 [40]*Marsupidium abbreviatum* (Hook.f. & Taylor) Steph. = *Acrobolbus surculosus* (Nees) Trevis.
 [41]*Marsupidium capillare* Berggr. = *Adelanthus falcatus* (Hook.) Mitt.
 [40]*Marsupidium epiphytum* Colenso = *Acrobolbus epiphytus* (Colenso) Briscoe
 [40]*Marsupidium knightii* Mitt. = *Acrobolbus knightii* (Mitt.) Briscoe
 [40]*Marsupidium papillosum* J.J.Engel & Glenney = *Acrobolbus papillosum* (J.J.Engel & Glenney) Briscoe
 [40]*Marsupidium perpusillum* (Colenso) E.A.Hodgs. = *Acrobolbus perpusillum* (Colenso) Briscoe
 [40]*Marsupidium perpusillum* var. *denticulatum* J.J.Engel & Glenney = *Acrobolbus perpusillum* var. *denticulatus* (J.J.Engel & Glenney) Briscoe
 [40]*Marsupidium perpusillum* (Colenso) E.A.Hodgs. var. *perpusillum* = *Acrobolbus perpusillum* (Colenso) Briscoe var. *perpusillum*
 [41]*Marsupidium piliferum* Steph. = *Pseudomarsupidium piliferum* (Steph.) Herzog ex Grolle
 [40]*Marsupidium plagiophiloides* J.J.Engel & Glenney = *Acrobolbus plagiophiloides* (J.J.Engel & Glenney) Briscoe
 [40]*Marsupidium rotundifolium* Berggr. = *Acrobolbus concinnus* (Mitt.) Grolle
 [40]*Marsupidium setulosum* (Mitt.) Mitt. = *Acrobolbus setulosus* (Mitt.) Briscoe
 [40]*Marsupidium surculosum* (Nees) Schiffn. = *Acrobolbus surculosus* (Nees) Trevis.
 [58]*Martinellia nemorosa* (L.) Lindb. = *Scapania nemorosa* (L.) Dumort.
 [42]*Martinellia vertebralis* (Taylor ex Gottsche, Lindenb. & Nees) Trevis. = *Blepharidophyllum vertebrale* (Taylor ex Gottsche, Lindenb. & Nees) Ångstr. ex C.Massal.
 [63]*Martinellius* Gray = *Radula* Dumort.
 [58]*Martinellius nemorosa* (L.) M.Bernet & Gray = *Scapania nemorosa* (L.) Dumort.
 [57]*Martinellius spinulosus* (Dicks.) Gray = *Plagiochila spinulosa* (Dicks.) Dumort.
 [58]*Martinellius undulatus* (L.) Gray = *Scapania undulata* (L.) Dumort.
 [46]*Mastigobryum accretum* Lehm. & Lindenb. = *Bazzania accreta* (Lehm. & Lindenb.) Trevis
 [46]*Mastigobryum adnexa* (Lehm. & Lindenb.) Mont. = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum adnexa* f. *exarmatum* Steph. = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum affine* Mitt. = *Bazzania mittenii* (Steph.) Steph.
 [46]*Mastigobryum amoenum* Colenso = *Acromastigum colensoanum* (Mitt.) A.Evans
 [46]*Mastigobryum anisostomum* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46]*Mastigobryum atrovirens* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Acromastigum anisostomum* (Lehm. & Lindenb.) A.Evans
 [46]*Mastigobryum colensoanum* Mitt. = *Acromastigum colensoanum* (Mitt.) A.Evans
 [46]*Mastigobryum compactum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum concinnum* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [47]*Mastigobryum convexum* (Thunb.) Lindenb. = *Bazzania nitida* (F.Weber) Grolle
 [46]*Mastigobryum cunninghamii* (Steph.) Steph. = *Acromastigum cunninghamii* (Steph.) A.Evans
 [47]*Mastigobryum delicatulum* Colenso = *Bazzania tayloriana* (Mitt.) Kuntze
 [46]*Mastigobryum divaricatum* Nees = *Acromastigum divaricatum* (Nees) A.Evans
 [46]*Mastigobryum erosifolium* Steph. = *Acromastigum colensoanum* (Mitt.) A.Evans
 [47]*Mastigobryum fissistipum* Steph. = *Bazzania nitida* (F.Weber) Grolle
 [47]*Mastigobryum fugax* Colenso = *Bazzania nitida* (F.Weber) Grolle
 [46]*Mastigobryum heterodontum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum heterophyllum* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum hochstetteri* Reichardt = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum imbricatistipulum* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum involutum* (Mont.) Lindenb. = *Bazzania involuta* (Mont.) Trevis.
 [46]*Mastigobryum kirkianum* Steph. = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum macroamphigastrum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum macrodontum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum minutulum* Colenso = *Acromastigum colensoanum* (Mitt.) A.Evans
 [46]*Mastigobryum mittenii* Steph. = *Bazzania mittenii* (Steph.) Steph.
 [46]*Mastigobryum monilinerve* (Lehm. & Lindenb.) Nees = *Bazzania monilinerve* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum mooreanum* (Steph.) Steph. = *Acromastigum mooreanum* (Steph.) E.A.Hodgs.
 [46]*Mastigobryum nitens* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum novae-hollandiae* (Nees) Nees = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum novae-hollandiae* f. *aucklandicum* Lindenb. & Gottsche = *Bazzania adnexa* var. *aucklandica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [46]*Mastigobryum novae-hollandiae* f. *submuticum* Lindenb. & Gottsche = *Bazzania involuta* var. *submutica* (Lindenb. & Gottsche) J.J.Engel & G.L.Merr.
 [47]*Mastigobryum novae-zelandiae* Mitt. = *Bazzania novae-zelandiae* (Mitt.) Besch. & C.Massal.
 [48]*Mastigobryum nutans* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Lembidium nutans* (Hook.f. & Taylor) Mitt.
 [47]*Mastigobryum obscurum* Colenso = *Bazzania tayloriana* (Mitt.) Kuntze
 [47]*Mastigobryum obtusatum* Colenso = *Bazzania nitida* (F.Weber) Grolle
 [47]*Mastigobryum obtusistipulum* Colenso = *Bazzania tayloriana* (Mitt.) Kuntze
 [46]*Mastigobryum olivaceum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum parasiticum* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum polyodon* Colenso = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum pusillum* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum quadratum* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum reflexistipulum* Lindenb. & Gottsche = *Bazzania involuta* (Mont.) Trevis.
 [46]*Mastigobryum semicordatum* Lindenb. & Gottsche = *Bazzania adnexa* (Lehm. & Lindenb.) Trevis.
 [46]*Mastigobryum similis* Colenso = *Bazzania hochstetteri* (Reichardt) E.A.Hodgs.
 [46]*Mastigobryum smaragdinum* Colenso = *Acromastigum colensoanum* (Mitt.) A.Evans
 [47]*Mastigobryum spectabile* Steph. = *Bazzania novae-zelandiae* (Mitt.) Besch. & C.Massal.

- [47] *Mastigobryum taylorianum* Mitt. = ***Bazzania tayloriana*** (Mitt.) Kuntze
 [46] *Mastigobryum verticale* (Steph.) Steph. = ***Acromastigum verticale*** (Steph.) E.A.Hodgs.
 [46] *Mastigobryum vulcanicum* Colenso = ***Bazzania adnexa*** (Lehm. & Lindenb.) Trevis.
 [63] *Mastigolejeunea anguiformis* (Hook.f. & Taylor) B.Thiers & Gradst. = ***Thysananthus anguiformis*** (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees
 [49] *Mastigophora albula* (Hook.f. & Taylor) Trevis. = ***Lepidozia ulothrix*** (Schwägr.) Lindenb.
 [45] *Mastigophora beckettiana* Steph. = ***Triandrophyllum subtrifidum*** (Hook.f. & Taylor) Fulford & Hatcher
 [47] *Mastigophora dispar* (Mont. ex Taylor & Hook.f.) Trevis. = ***Kurzia hippuroides*** (Hook.f. & Taylor) Grolle
 [55] *Mastigophora flagellifera* (Hook.) Nees = ***Dendromastigophora flagellifera*** (Hook.) R.M.Schust.
 [48] *Mastigophora glaucophylla* (Hook.f. & Taylor) Trevis. = ***Lepidozia glaucophylla*** (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [49] *Mastigophora gottscheana* (Lindenb.) Trevis. = ***Neolepidozia patentissima*** (Hook.f. & Taylor) E.D.Cooper
 [48] *Mastigophora laevifolia* (Hook.f. & Taylor) Trevis. = ***Lepidozia laevifolia*** (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [50] *Mastigophora lindenbergii* (Gottsche) Trevis. = ***Tricholepidozia lindenbergii*** (Gottsche) E.D.Cooper
 [48] *Mastigophora microphylla* (Hook.) Mont. = ***Lepidozia microphylla*** (Hook.) Lindenb.
 [49] *Mastigophora patentissima* (Hook.f. & Taylor) Trevis. = ***Neolepidozia patentissima*** (Hook.f. & Taylor) E.D.Cooper
 [48] *Mastigophora pendulina* (Hook.) Trev. = ***Lepidozia pendulina*** (Hook.) Lindenb.
 [49] *Mastigophora praenitens* (Lehm. & Lindenb.) Trevis. = ***Neolepidozia praenitens*** (Lehm. & Lindenb.) E.D.Cooper
 [45] *Mastigophora subtrifida* (Hook.f. & Taylor) E.A.Hodgs. = ***Triandrophyllum subtrifidum*** (Hook.f. & Taylor) Fulford & Hatcher
 [48] *Mastigophora tenax* (Grev.) Trevis. = ***Kurzia tenax*** (Grev.) Grolle
 [50] *Mastigophora tetradactyla* (Hook.f. & Taylor) Trevis. = ***Tricholepidozia tetradactyla*** (Hook.f. & Taylor) E.D.Cooper
 [49] *Mastigophora tetrapila* (Hook.f. & Taylor) Trevis. = ***Neolepidozia tetrapila*** (Hook.f. & Taylor) E.D.Cooper
 [49] *Mastigophora ulothrix* (Schwägr.) Trevis. = ***Lepidozia ulothrix*** (Schwägr.) Lindenb.
 [55] **Mastigophoraceae R.M.Schust.**
 [27] **Meesia Hedw.**
 [27] *Meesia aquatica* R.Br.bis = ***Meesia uliginosa*** Hedw.
 [27] *Meesia aquatilis* R.Br.bis = ***Meesia uliginosa*** Hedw.
 [27] *Meesia buchananii* R.Br.bis = ***Meesia uliginosa*** Hedw.
 [38] *Meesia craigieburnensis* R.Br.bis = ***Entosthodon laxus*** (Hook.f. & Wilson) Mitt.
 [27] *Meesia kirkii* R.Br.bis = ***Meesia uliginosa*** Hedw.
 [27] *Meesia macrantha* Mitt. = ***Meesia uliginosa*** Hedw.
 [27] *Meesia muelleri* Müll.Hal. & Hampe = ***Meesia uliginosa*** Hedw.
 [12] *Meesia novae-zealandiae* Dixon & Sainsbury = ***Philonotis pyriformis*** (R.Br.bis) Wijk & Margad.
 [27] ***Meesia uliginosa*** Hedw.
 [27] **Meesiaceae Schimp.**
 [11] **Megaceros Campb.**
 [11] *Megaceros arachnoideus* Steph. = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] ***Megaceros denticulatus*** (Lehm.) Steph.
 [11] *Megaceros giganteus* (Lehm. & Lindenb.) Steph. = ***Nothoceros giganteus*** (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar
 [11] ***Megaceros leptohymenius*** (Hook.f. & Taylor) Steph.
 [11] *Megaceros longispinus* (Carrington & Pearson) Steph. = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] *Megaceros membranaceus* (Colenso) E.A.Hodgs. = ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] ***Megaceros pellucidus*** (Colenso) E.A.Hodgs.
 [11] *Megaceros* subgen. *Nothoceros* R.M.Schust. = ***Nothoceros*** (R.M.Schust.) J.Haseg.
 [49] **Megalembidium R.M.Schust.**
 [49] *Megalembidium insulanum* (W.Martin & E.A.Hodgs.) R.M.Schust.
 [29] **Mesotus Mitt.**
 [29] *Mesotus arcutus* Mitt. = ***Mesotus celatus*** Mitt.
 [29] ***Mesotus celatus*** Mitt.
 [47] *Metahygrobiella australis* (Steph.) R.M.Schust. = ***Hygrolembidium australe*** (Steph.) Grolle
 [43] *Metahygrobiella cylindrica* E.A.Hodgs. & Herzog = ***Cephalozia drucei*** (R.M.Schust.) Vána
 [43] *Metahygrobiella drucei* R.M.Schust. = ***Cephalozia drucei*** (R.M.Schust.) Vána
 [44] *Metahygrobiella monoica* E.A.Hodgs. = ***Protolophozia monoica*** (E.A.Hodgs.) Vána & L.Söderstr.
 [43] *Metahygrobiella tayloriae* E.A.Hodgs. = ***Cephalozia drucei*** (R.M.Schust.) Vána
 [62] **Metalejeunea Grolle**
 [62] ***Metalejeunea cucullata*** (Reinw., Blume & Nees) Grolle
 [21] **Meteoriaceae Kindb.**
 [21] **Meteoriopsis M.Fleisch. ex Broth.**
 [21] ***Meteoriopsis reclinata*** (Müll.Hal.) Broth.
 [21] *Meteorium cuspidiferum* Wilson = ***Papillaria crocea*** (Hampe) A.Jaeger
 [21] *Meteorium flexicaule* Wilson = ***Papillaria flexicaulis*** (Wilson) A.Jaeger
 [21] *Meteorium kermadecense* (Müll.Hal.) Mitt. = ***Papillaria crocea*** (Hampe) A.Jaeger
 [21] *Meteorium molle* (Hedw.) Hook.f. & Wilson = ***Weymouthia mollis*** (Hedw.) Broth.
 [21] *Meteorium nitens* Hook.f. & Wilson = ***Papillaria nitens*** (Hook.f. & Wilson) Sainsbury
 [26] *Meteorium pusillum* Hook.f. & Wilson = ***Tetraphidopsis pusilla*** (Hook.f. & Wilson) Dixon
 [65] **Metzgeria Raddi**
 [65] ***Metzgeria alpina*** R.M.Schust. & J.J.Engel
 [65] *Metzgeria atrichoneura* Spruce = ***Metzgeria leptoneura*** Spruce
 [65] *Metzgeria australis* Steph. = ***Metzgeria leptoneura*** Spruce
 [65] ***Metzgeria bartlettii*** Kuwah.
 [65] *Metzgeria campbelliensis* Kuwah. = ***Metzgeria furcata*** (L.) Corda
 [65] *Metzgeria colensoi* Steph. = ***Metzgeria leptoneura*** Spruce
 [65] *Metzgeria crasscostata* Steph. = ***Metzgeria rigida*** Lindb.
 [65] *Metzgeria crassipaginula* Kuwah. = ***Metzgeria furcata*** (L.) Corda
 [65] ***Metzgeria crassipilis*** (Lindb.) A.Evans
 [65] *Metzgeria decipiens* (C.Massal.) Schiffr. = ***Metzgeria furcata*** (L.) Corda
 [65] *Metzgeria disciformis* A.Evans = ***Metzgeria flavovirens*** Colenso
 [65] ***Metzgeria flavovirens*** Colenso
 [65] ***Metzgeria furcata*** (L.) Corda

- [65] *Metzgeria furcata* subsp. *crassipilis* Lindb. = ***Metzgeria crassipilis* (Lindb.) A.Evans**
 [65] *Metzgeria furcata* var. *decipiens* C.Massal. = ***Metzgeria furcata* (L.) Corda**
 [65] *Metzgeria furcata* var. *disciformis* (A.Evans) E.A.Hodgs. = ***Metzgeria flavovirens* Colenso**
 [65] *Metzgeria hamata* Lindb. = ***Metzgeria leptoneura* Spruce**
 [65] *Metzgeria leptoneura* Spruce
 [65] *Metzgeria nitida* Mitt. = ***Metzgeria leptoneura* Spruce**
 [65] *Metzgeria pinnata* Steph. = ***Metzgeria furcata* (L.) Corda**
 [65] *Metzgeria rigida* Lindb.
 [65] *Metzgeria saccata* Mitt.
 [65] *Metzgeria scobina* Mitt.
 [65] *Metzgeria submarginata* M.L.So
 [65] *Metzgeria vittii* Kuwah. = ***Metzgeria furcata* (L.) Corda**
 [65] **Metzgeriaceae** H.Klinggr.
 [64] **Metzgeriales** Chalaud
 [64] **Metzgeriidae** Barthol.-Began
 [47] *Micrisophylla* Fulford = ***Kurzia* G.Martens**
 [49] *Micrisophylla leptodictyon* (Herzog) E.A.Hodgs. = ***Pseudocephalozia lepidozioides* R.M.Schust.**
 [35] **Microbryum** Schimp.
 [35] *Microbryum davallianum* (Sm.) R.H.Zander
 [35] *Microbryum starckeanum* (Hedw.) R.H.Zander
 [62] **Microlejeunea** (Spruce) Steph.
 [60] *Microlejeunea aucklandica* Steph. = ***Cheilolejeunea albovirens* (Hook.f. & Taylor) E.A.Hodgs.**
 [62] *Microlejeunea cucullata* (Reinw., Blume & Nees) J.B.Jack & Steph. = ***Metalejeunea cucullata* (Reinw., Blume & Nees) Grolle**
 [62] *Microlejeunea filicuspis* (Steph.) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [62] *Microlejeunea latitans* (Hook.f. & Taylor) Heinrichs, Schäf.-Verw., Pócs & S.Dong
 [61] *Microlejeunea ocellata* (Herzog) Grolle = ***Cumulolejeunea ocellata* (Herzog) R.L.Zhu & L.Shu**
 [47] *Microlepidozia allisonii* (Herzog) R.M.Schust. = ***Kurzia hippuroides* (Hook.f. & Taylor) Grolle**
 [47] *Microlepidozia calcarata* (Steph.) R.M.Schust. = ***Kurzia calcarata* (Steph.) Grolle**
 [47] *Microlepidozia hippuroides* (Hook.f. & Taylor) E.A.Hodgs. = ***Kurzia hippuroides* (Hook.f. & Taylor) Grolle**
 [47] *Microlepidozia quadriseta* (Grolle) R.M.Schust. = ***Kurzia pallescens* Grolle**
 [47] *Microlepidozia quadriseta* f. *pallescens* (Grolle) R.M.Schust. = ***Kurzia pallescens* Grolle**
 [34] **Micromitrium** Austin
 [24] *Micromitrium brevicaule* Besch. = ***Macromitrium brevicaule* (Besch.) Broth.**
 [34] **Micromitrium tenerum** (Bruch & Schimp.) Crosby
 [48] *Micropterygium nutans* (Hook.f. & Taylor) Mitt. = ***Lembidium nutans* (Hook.f. & Taylor) Mitt.**
 [20] *Microthamnium gracile* (Hook.f. & Wilson) A.Jaeger = ***Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum**
 [14] **Mielichhoferia** Nees & Hornsch.
 [14] *Mielichhoferia australis* Hampe = ***Mielichhoferia bryoides* (Harv.) Wijk & Margad.**
 [14] *Mielichhoferia bryoides* (Harv.) Wijk & Margad.
 [14] *Mielichhoferia buchananii* R.Br.bis = ***Mielichhoferia bryoides* (Harv.) Wijk & Margad.**
 [14] *Mielichhoferia ecklonii* Hornsch. = ***Mielichhoferia bryoides* (Harv.) Wijk & Margad.**
 [14] *Mielichhoferia tenuiseta* Mitt. = ***Mielichhoferia bryoides* (Harv.) Wijk & Margad.**
 [14] **Mielichhoferiaceae** Schimp.
 [34] **Mittenia** Lindb.
 [34] *Mittenia plumula* (Mitt.) Lindb.
 [34] *Mittenia rotundifolia* (Müll.Hal.) Paris = ***Mittenia plumula* (Mitt.) Lindb.**
 [34] **Mitteniaceae** Broth.
 [15] **Mniaceae** Schwägr.
 [16] *Mniadelphus* Müll.Hal. = ***Distichophyllum* Dozy & Molk.**
 [16] *Mniadelphus adnatus* (Hook.f. & Wilson) Reichardt = ***Distichophyllum crispulum* var. *adnatum* (Hook.f. & Wilson) Dixon**
 [16] *Mniadelphus crispulus* (Hook.f. & Wilson) Müll.Hal. = ***Distichophyllum crispulum* (Hook.f. & Wilson) Mitt.**
 [16] *Mniadelphus kraussei* Lorentz = ***Distichophyllum pulchellum* (Hampe) Mitt.**
 [16] *Mniadelphus microcarpus* (Hedw.) Müll.Hal. = ***Distichophyllum microcarpum* (Hedw.) Mitt.**
 [16] *Mniadelphus pulchellus* Hampe = ***Distichophyllum pulchellum* (Hampe) Mitt.**
 [15] *Mniadelphus quadrifarius* (Sm.) Müll.Hal. = ***Achrophyllum quadrifarium* (Sm.) Vitt & Crosby**
 [16] *Mniadelphus rotundifolius* (Hook.f. & Wilson) Müll.Hal. = ***Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll.Hal. & Broth.**
 [14] *Mniobryum* Limpr. = ***Pohlia* Hedw.**
 [23] **Mniodendron** Lindb. ex Dozy & Molk.
 [23] *Mniodendron colensoi* (Hook.f. & Wilson) Besch.
 [23] *Mniodendron comatum* (Müll.Hal.) Lindb.
 [23] *Mniodendron comosum* (Labill.) Lindb.
 [23] *Mniodendron comosum* (Labill.) Lindb. var. *comosum*
 [23] *Mniodendron comosum* var. *sieberi* (Müll.Hal.) N.E.Bell, A.E.Newton & D.Quandt
 [43] **Mnioloma** Herzog
 [43] *Mnioloma novaezealandiae* J.J.Engel
 [39] *Mniopsis* Dumort. = ***Haplomitrium* Nees**
 [34] *Mniopsis plumula* Mitt. = ***Mittenia plumula* (Mitt.) Lindb.**
 [34] *Mniopsis rotundifolia* Müll.Hal. = ***Mittenia plumula* (Mitt.) Lindb.**
 [14] *Mnium crudum* Hedw. = ***Pohlia cruda* (Hedw.) Lindb.**
 [27] *Mnium hookeri* Müll.Hal. = ***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife**
 [27] *Mnium mossmanianum* Müll.Hal. = ***Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife**
 [15] *Mnium novae-zealandiae* Colenso = ***Plagiomnium novae-zealandiae* (Colenso) T.J.Kop.**
 [26] *Mnium palustre* Hedw. = ***Aulacomnium palustre* (Hedw.) Schwägr.**
 [27] *Mnium paramattense* Müll.Hal. = ***Pyrrhobryum paramattense* (Müll.Hal.) Manuel**
 [12] *Mnium pendulum* Sm. = ***Breutelia pendula* (Sm.) Mitt.**
 [14] *Mnium pseudotriquetrum* Hedw. = ***Bryum pseudotriquetrum* (Hedw.) P.Gaertn., E. Meyer & Scherb.**
 [15] *Mnium xanthocarpum* Colenso = ***Plagiomnium novae-zealandiae* (Colenso) T.J.Kop.**
 [65] *Moerckia cockaynei* K.I.Goebel = ***Allisonia cockaynei* (Steph.) R.M.Schust.**
 [67] **Monoclea** Hook.

- [67] *Monoclea forsteri* Hook.
 [11] *Monoclea leptohymenia* Hook.f. & Taylor = *Megaceros leptohymenius* (Hook.f. & Taylor) Steph.
 [67] **Monocleaceae** Hook.
 [24] *Muelleriella* Dusén = *Orthotrichum* Hedw.
 [24] *Muelleriella angustifolia* (Hook.f. & Wilson) Dusén = *Orthotrichum angustifolium* Hook.f. & Wilson
 [24] *Muelleriella aucklandica* Vitt = *Orthotrichum aucklandicum* (Vitt) Goffinet
 [25] *Muelleriella crassifolia* (Hook.f. & Wilson) Dusén = *Orthotrichum crassifolium* Hook.f. & Wilson
 [25] *Muelleriella crassifolia* (Hook.f. & Wilson) Dusén subsp. *crassifolia* = *Orthotrichum crassifolium* Hook.f. & Wilson subsp. *crassifolium*
 [62] **Myriocoleopsis** Schiffn.
 [62] *Myriocoleopsis minutissima* (Sm.) R.L.Zhu, Y.Yu & Pócs
 [34] *Nanomitrium tenerum* (Bruch & Schimp.) Lindb. = *Micromitrium tenerum* (Bruch & Schimp.) Crosby
 [59] *Nardia inundata* (Hook.f. & Taylor) Steph. = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [55] *Nardia lutescens* (Lehm. & Lindenb.) Steph. = *Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.
 [59] *Nardia patellata* Berggr. = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [55] *Nardia perigonialis* (Hook.f. & Taylor) Trevis. = *Andrewsianthus perigonialis* (Hook.f. & Taylor) R.M.Schust.
 [45] *Nardia sparsifolia* (Lindb.) Lindb. = *Marsupella sparsifolia* (Lindb.) Dumort.
 [21] **Neckera** Hedw.
 [21] *Neckera amblyacis* Müll.Hal. = *Papillaria leuconeura* (Müll.Hal.) A.Jaeger
 [21] *Neckera brownii* Dixon = *Neckera laevigata* Hook.f. & Wilson
 [21] *Neckera crocea* (Hampe) Müll.Hal. = *Papillaria crocea* (Hampe) A.Jaeger
 [22] *Neckera cylindracea* Mont. = *Symphysodontella cylindracea* (Mont.) M.Fleisch.
 [21] *Neckera flavolimbata* Müll.Hal. & Hampe = *Papillaria flavolimbata* (Müll.Hal. & Hampe) A.Jaeger
 [21] *Neckera hymenodonta* Müll.Hal. = *Alleniella hymenodonta* (Müll.Hal.) S.Olsson, Enroth & D.Quandt
 [21] *Neckera kermadecensis* Müll.Hal. = *Papillaria crocea* (Hampe) A.Jaeger
 [21] *Neckera laevigata* Hook.f. & Wilson
 [21] *Neckera lepinea* Mont. = *Neckeropsis lepinea* (Mont.) M.Fleisch.
 [21] *Neckera leuconeura* Müll.Hal. = *Papillaria leuconeura* (Müll.Hal.) A.Jaeger
 [22] *Neckera phyllogonioides* Sull. = *Cryptogonium phyllogonioides* (Sull.) Isov.
 [23] *Neckera planifolia* Hedw. = *Trachyloma planifolium* (Hedw.) Brid.
 [23] *Neckera setosa* (Hedw.) Hook. = *Cyrtopus setosus* (Hedw.) Hook.f.
 [16] *Neckera splachnoides* Sm. = *Daltonia splachnoides* (Sm.) Hook. & Taylor
 [21] *Neckera* subsect. *Papillaria* Müll.Hal. = *Papillaria* (Müll.Hal.) Lorentz
 [19] *Neckera tenella* Schwägr. = *Cryphaea tenella* (Schwägr.) Müll.Hal.
 [21] **Neckeraceae** Schimp.
 [21] **Neckeropsis** Reichardt
 [21] *Neckeropsis lepinea* (Mont.) M.Fleisch.
 [42] *Neesioscyphus phoenicorhizus* Grolle = *Acroscyphella phoenicorhiza* (Grolle) N.Kitag. & Grolle
 [49] **Neogrollea** E.A.Hodgs.
 [49] *Neogrollea notabilis* E.A.Hodgs.
 [60] *Neohattoria australis* R.M.Schust. = *Frullania rostrata* (Hook.f. & Taylor) Hook.f. & Taylor
 [59] *Neohattoria chevalieri* R.M.Schust. = *Frullania chevalieri* (R.M.Schust.) R.M.Schust.
 [45] *Neohattoria novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) Grolle = *Lepidolaena novae-zelandiae* (E.A.Hodgs. & S.W.Arnell) von Konrat, L.Söderstr. & A.Hagborg
 [60] *Neohattoria rostrata* R.M.Schust. = *Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [67] **Neohodgsonia** Perss.
 [67] *Neohodgsonia mirabilis* (Perss.) Perss.
 [60] *Neohodgsonia rostrata* R.M.Schust. = *Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs
 [67] **Neohodgsoniaceae** D.G.Long
 [67] **Neohodgsoniales** D.G.Long
 [49] **Neolepidozia** Fulford & J.Taylor
 [49] *Neolepidozia corticola* (Steph.) Fulford & J.Taylor = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [49] *Neolepidozia gibbsiana* (Steph.) E.D.Cooper
 [49] *Neolepidozia gottscheana* (Lindenb.) Fulford & J.Taylor = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [49] *Neolepidozia hodgsoniae* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [49] *Neolepidozia meridiana* (E.A.Hodgs.) E.D.Cooper
 [49] *Neolepidozia paludicola* (E.A.Hodgs.) E.D.Cooper
 [49] *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
 [49] *Neolepidozia patentissima* var. *ampliata* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [49] *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper var. *patentissima*
 [49] *Neolepidozia patentissima* var. *zebrina* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [49] *Neolepidozia pennata* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [49] *Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper
 [49] *Neolepidozia praenitens* var. *dentifolia* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [49] *Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper var. *praenitens*
 [49] *Neolepidozia roseana* (Steph.) Fulford & J.Taylor = *Neolepidozia tetrapila* var. *roseana* (Steph.) E.D.Cooper
 [50] *Neolepidozia tetradactyla* (Hook.f. & Taylor) Fulford & J.Taylor = *Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper
 [49] *Neolepidozia tetrapila* (Hook.f. & Taylor) E.D.Cooper
 [49] *Neolepidozia tetrapila* var. *cancellata* (Colenso) E.D.Cooper
 [49] *Neolepidozia tetrapila* var. *roseana* (Steph.) E.D.Cooper
 [49] *Neolepidozia tetrapila* (Hook.f. & Taylor) E.D.Cooper var. *tetrapila*
 [49] *Neolepidozia tridactylis* (Lehm. & Lindenb.) E.D.Cooper
 [63] *Nephelejeunea bidentata* (B.M.Thiers) L.Söderstr. & Hagborg = *Siphonolejeunea bidentata* (B.M.Thiers) M.A.M.Renner
 [63] *Nephelejeunea carcharias* M.A.M.Renner = *Siphonolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner
 [63] *Nephelejeunea conchophylla* Grolle = *Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner
 [63] *Nephelejeunea fragilis* (R.M.Schust.) L.Söderstr. & A.Hagborg = *Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner
 [63] *Nephelejeunea hamata* Grolle = *Siphonolejeunea hamata* (Grolle) M.A.M.Renner
 [63] *Nephelejeunea hispida* (R.M.Schust.) L.Söderstr. & A.Hagborg = *Siphonolejeunea hispida* (R.M.Schust.) M.A.M.Renner
 [63] *Nephelejeunea nudipes* (Hook.f. & Taylor) L.Söderstr. & A.Hagborg = *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog

- [63] *Nephelolejeunea papillosa* Glenny = ***Siphonolejeunea papillosa* (Glenny) M.A.M.Renner**
 [63] *Nephelolejeunea secunda* M.A.M.Renner ex L.Söderstr. & A.Hagborg = ***Siphonolejeunea secunda* (M.A.M.Renner) M.A.M.Renner**
- [33] *Niphotrichum elongatum* (Frisvoll) Bednarek-Ochyra & Ochyra = ***Racomitrium elongatum* Frisvoll**
 [40] *Noteroclada lacunosa* Colenso = ***Treubia lacunosa* (Colenso) Prosk.**
 [65] *Noteroclada perpusilla* Colenso = ***Fossombronia pusilla* (L.) Nees**
 [11] ***Nothoceros* (R.M.Schust.) J.Haseg.**
 [11] ***Nothoceros giganteus* (Lehm. & Lindenb.) Haseg. ex J.C.Villarreal, Hässel & Salazar**
 [44] ***Nothogymnomitrium* R.M.Schust.**
 [44] ***Nothogymnomitrium erosum* (Carrington & Pearson) R.M.Schust.**
 [39] ***Notoligotrichum* G.L.Sm.**
 [39] ***Notoligotrichum australe* (Hook.f. & Wilson) G.L.Sm.**
 [39] ***Notoligotrichum bellii* (Broth.) G.L.Sm.**
 [39] ***Notoligotrichum crispulum* (Hook.f. & Wilson) G.L.Sm.**
 [55] ***Notoscyphaceae* Crand.-Stotl., Váňa & Stotler**
 [55] ***Notoscyphus* Mitt.**
 [55] ***Notoscyphus lutescens* (Lehm. & Lindenb.) Mitt.**
 [52] *Notoscyphus vermicularis* (Lehm.) Steph. = ***Clasmatocolea vermicularis* (Lehm.) Grolle**
 [11] ***Notothyladaceae* Müll.Frib. ex Prosk.**
 [11] ***Notothyladales* Hyvönen & Piippo**
 [11] ***Notothylatidae* R.J.Duff**
 [14] ***Ochiobryum* J.R.Spence & H.P.Ramsay**
 [14] ***Ochiobryum blandum* (Hook.f. & Wilson) J.R.Spence & H.P.Ramsay**
 [31] *Octodiceras* Brid. = ***Fissidens* Hedw.**
 [31] *Octodiceras muelleri* (Hampe) A.Jaeger = ***Fissidens berteroi* (Mont.) Müll.Hal.**
 [41] *Odontoschisma falcata* (Hook.) Trevis. = ***Adelanthus falcatus* (Hook.) Mitt.**
 [41] *Odontoschisma occlusum* (Hook.f. & Taylor) Trevis. = ***Adelanthus occlusus* (Hook.f. & Taylor) Carrington**
 [39] ***Oligotrichum* Lam. & DC.**
 [39] *Oligotrichum crispulum* (Hook.f. & Wilson) Kindb. = ***Notoligotrichum crispulum* (Hook.f. & Wilson) G.L.Sm.**
 [39] *Oligotrichum magellanicum* (Hedw.) Kindb. = ***Polytrichadelphus magellanicus* (Hedw.) Mitt.**
 [39] ***Oligotrichum tenuirostre* (Hook.) A.Jaeger**
 [62] *Omphalanthus gracilipes* Taylor = ***Lejeunea gracilipes* (Taylor) Spruce**
 [26] ***Orthodontiaceae* Goffinet**
 [26] ***Orthodontium* Schwägr.**
 [26] ***Orthodontium lineare* Schwägr.**
 [26] *Orthodontium lineare* subsp. *sulcatum* (Hook.f. & Wilson) Meijer = ***Orthodontium lineare* Schwägr.**
 [26] *Orthodontium ruahinense* Meijer = ***Orthodontium lineare* Schwägr.**
 [26] *Orthodontium sulcatum* Hook.f. & Wilson = ***Orthodontium lineare* Schwägr.**
 [22] ***Orthorrhynchiaceae* S.H.Lin**
 [22] ***Orthorrhynchium* Reichardt**
 [22] ***Orthorrhynchium elegans* (Hook.f. & Wilson) Reichardt**
 [17] *Orthotheciella varia* (Hedw.) Ochyra = ***Amblystegium varium* (Hedw.) Lindb.**
 [20] ***Orthothecium* Bruch & Schimp.**
 [20] ***Orthothecium strictum* Lorentz**
 [24] ***Orthotrichaceae* Arn.**
 [24] ***Orthotrichales* Dixon**
 [24] ***Orthotrichum* Hedw.**
 [24] *Orthotrichum acrolepharis* Müll.Hal. = ***Orthotrichum assimile* Müll.Hal.**
 [25] *Orthotrichum acuminatum* R.Br.bis = ***Orthotrichum graphiomitrium* Müll.Hal. ex Beckett**
 [24] *Orthotrichum acutifolium* Hook. & Grev. = ***Macromitrium longirostre* (Hook.) Schwägr.**
 [24] ***Orthotrichum angustifolium* Hook.f. & Wilson**
 [24] ***Orthotrichum assimile* Müll.Hal.**
 [24] ***Orthotrichum aucklandicum* (Vitt) Goffinet**
 [25] *Orthotrichum austrocupulatum* Dixon & Sainsbury = ***Orthotrichum cupulatum* Brid.**
 [25] *Orthotrichum austropulchellum* Müll.Hal. = ***Orthotrichum tasmanicum* Hook.f. & Wilson**
 [24] *Orthotrichum avonense* R.Br.bis = ***Orthotrichum calvum* Hook.f. & Wilson**
 [25] *Orthotrichum beckettii* Müll.Hal. = ***Orthotrichum tasmanicum* Hook.f. & Wilson**
 [24] *Orthotrichum benmoreense* R.Br.bis = ***Orthotrichum assimile* Müll.Hal.**
 [25] *Orthotrichum breve* R.Br.bis = ***Orthotrichum hortense* Bosw.**
 [25] *Orthotrichum brevirostrum* R.Br.bis = ***Orthotrichum cyathiforme* R.Br.bis**
 [25] *Orthotrichum brevisetum* R.Br.bis = ***Orthotrichum hortense* Bosw.**
 [25] *Orthotrichum calcareum* R.Br.bis = ***Orthotrichum cupulatum* Brid.**
 [24] ***Orthotrichum calvum* Hook.f. & Wilson**
 [25] *Orthotrichum calvum* var. *brevisetum* Dixon = ***Orthotrichum calvum* Hook.f. & Wilson**
 [25] *Orthotrichum clintonii* R.Br.bis = ***Orthotrichum tasmanicum* Hook.f. & Wilson**
 [25] *Orthotrichum conicorostrum* R.Br.bis = ***Orthotrichum tasmanicum* Hook.f. & Wilson**
 [25] ***Orthotrichum crassifolium* Hook.f. & Wilson**
 [25] ***Orthotrichum crassifolium* Hook.f. & Wilson subsp. *crassifolium***
 [25] ***Orthotrichum cupulatum* Brid.**
 [25] *Orthotrichum cupulatum* var. *austrocupulatum* (Dixon & Sainsbury) Lewinsky = ***Orthotrichum cupulatum* Brid.**
 [25] ***Orthotrichum cyathiforme* R.Br.bis**
 [25] *Orthotrichum cylindrothecum* R.Br.bis = ***Orthotrichum tasmanicum* Hook.f. & Wilson**
 [25] *Orthotrichum erectum* R.Br.bis = ***Ulota lutea* (Mitt. in Wilson) Mitt.**
 [25] *Orthotrichum fimbriatum* R.Br.bis = ***Orthotrichum rupestre* var. *papillosum* Lewinsky**
 [24] *Orthotrichum gracile* Hook. = ***Macromitrium gracile* (Hook.) Schwägr.**
 [25] *Orthotrichum gracillimum* R.Br.bis = ***Ulota lutea* (Mitt. in Wilson) Mitt.**
 [25] ***Orthotrichum graphiomitrium* Müll.Hal. ex Beckett**
 [25] ***Orthotrichum hortense* Bosw.**
 [33] *Orthotrichum hurunui* R.Br.bis = ***Ptychomitrium australe* (Hampe) A.Jaeger**

- [25] *Orthotrichum inaequale* R.Br.bis = ***Orthotrichum tasmanicum*** Hook.f. & Wilson
 [24] *Orthotrichum incurvifolium* Hook. & Grev. = ***Macromitrium incurvifolium*** (Hook. & Grev.) Schwägr.
 [25] *Orthotrichum lancifolium* R.Br.bis = ***Orthotrichum tasmanicum*** Hook.f. & Wilson
 [24] *Orthotrichum latifolium* R.Br.bis = ***Orthotrichum assimile*** Müll.Hal.
 [25] *Orthotrichum latorum* R.Br.bis = ***Orthotrichum rupestre*** Schwägr.
 [25] *Orthotrichum leioclecythis* Müll.Hal. = ***Orthotrichum graphiomitrium*** Müll.Hal. ex Beckett
 [25] *Orthotrichum ligulatum* Müll.Hal. = ***Orthotrichum cyathiforme*** R.Br.bis
 [24] *Orthotrichum longipes* Hook. = ***Macromitrium longipes*** (Hook.) Schwägr.
 [24] *Orthotrichum longirostre* Hook. = ***Macromitrium longirostre*** (Hook.) Schwägr.
 [24] *Orthotrichum longithecum* R.Br.bis = ***Orthotrichum assimile*** Müll.Hal.
 [25] *Orthotrichum luteum* Mitt. = ***Ulota lutea*** (Mitt. in Wilson) Mitt.
 [24] *Orthotrichum magnothecum* R.Br.bis = ***Orthotrichum assimile*** Müll.Hal.
 [24] *Orthotrichum microstomum* Hook. & Grev. = ***Macromitrium microstomum*** (Hook. & Grev.) Schwägr.
 [24] *Orthotrichum minimifolium* R.Br.bis = ***Orthotrichum calvum*** Hook.f. & Wilson
 [25] *Orthotrichum minutum* R.Br.bis = ***Orthotrichum calvum*** Hook.f. & Wilson
 [25] *Orthotrichum nudum* R.Br.bis = ***Orthotrichum tasmanicum*** Hook.f. & Wilson
 [25] *Orthotrichum obesum* R.Br.bis = ***Orthotrichum graphiomitrium*** Müll.Hal. ex Beckett
 [25] *Orthotrichum obliquifolium* R.Br.bis = ***Orthotrichum tasmanicum*** Hook.f. & Wilson
 [25] *Orthotrichum ornatum* R.Br.bis = ***Orthotrichum cupulatum*** Brid.
 [25] *Orthotrichum otiraense* R.Br.bis = ***Ulota lutea*** (Mitt. in Wilson) Mitt.
 [25] *Orthotrichum parvithecum* R.Br.bis = ***Orthotrichum tasmanicum*** var. ***parvithecum*** (R.Br.bis) Lewinsky
 [25] *Orthotrichum parvulum* R.Br.bis = ***Ulota lutea*** (Mitt. in Wilson) Mitt.
 [25] *Orthotrichum praeperistomatum* Venturi = ***Orthotrichum rupestre*** Schwägr.
 [24] *Orthotrichum prorepens* Hook. = ***Macromitrium prorepens*** (Hook.) Schwägr.
 [25] *Orthotrichum pseudopumilum* Venturi = ***Orthotrichum cyathiforme*** R.Br.bis
 [25] *Orthotrichum pulvinatum* R.Br.bis = ***Orthotrichum cupulatum*** Brid.
 [25] *Orthotrichum pulvinatum* var. ***praeperistomatum*** (Venturi) Sainsbury = ***Orthotrichum rupestre*** Schwägr.
 [25] *Orthotrichum reflexum* R.Br.bis = ***Orthotrichum rupestre*** Schwägr.
 [26] *Orthotrichum rufescens* Hampe = ***Zygodon rufescens*** (Hampe) Broth.
 [25] ***Orthotrichum rupestre*** Schwägr.
 [25] ***Orthotrichum rupestre*** var. ***papillosum*** Lewinsky
 [25] ***Orthotrichum rupestre*** Schwägr. var. ***rupestre***
 [25] *Orthotrichum rupestriforme* Venturi = ***Orthotrichum rupestre*** Schwägr.
 [25] ***Orthotrichum sainsburyi*** Allison
 [25] *Orthotrichum subleiolecythis* Paris = ***Orthotrichum graphiomitrium*** Müll.Hal. ex Beckett
 [25] ***Orthotrichum tasmanicum*** Hook.f. & Wilson
 [25] ***Orthotrichum tasmanicum*** var. ***parvithecum*** (R.Br.bis) Lewinsky
 [25] ***Orthotrichum tasmanicum*** Hook.f. & Wilson var. ***tasmanicum***
 [24] *Orthotrichum tenue* Hook. & Grev. = ***Macrocoma tenue*** (Hook. & Grev.) Vitt
 [25] *Orthotrichum tortulosum* R.Br.bis = ***Ulota lutea*** (Mitt. in Wilson) Mitt.
 [18] *Oxyrrhynchium austrinum* (Hook.f. & Wilson) Broth. = ***Platyhypnidium austrinum*** (Hook.f. & Wilson) M.Fleisch.
 [18] *Oxyrrhynchium praelongum* (Hedw.) Warnst. = ***Eurhynchium praelongum*** (Hedw.) Schimp.
 [18] *Oxyrrhynchium speciosum* (Brid.) Warnst. = ***Eurhynchium speciosum*** (Brid.) Jur.
 [54] *Pachyglossa* Herzog = ***Pachyglossa*** Herzog & Grolle
 [54] ***Pachyglossa*** Herzog & Grolle
 [51] *Pachyglossa austrigena* (Hook.f. & Taylor) L.Söderstr. = ***Chiloscyphus austrigenus*** (Hook.f. & Taylor) J.J.Engel & R.M.Schust.
 [51] *Pachyglossa austrigena* subsp. ***okaritana*** (Steph.) L.Söderstr. = ***Chiloscyphus austrigenus*** subsp. ***okaritanus*** (Steph.) J.J.Engel
 [54] ***Pachyglossa tenacifolia*** (Hook.f. & Taylor) Herzog & Grolle
 [58] ***Pachyschistochila*** (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila altissima*** (E.A.Hodgs.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila altissima*** (E.A.Hodgs.) R.M.Schust. & J.J.Engel subsp. ***altissima***
 [58] ***Pachyschistochila berggrenii*** J.J.Engel & R.M.Schust.
 [58] ***Pachyschistochila childii*** R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila colensoana*** (Steph.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila latiloba*** R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila nivicola*** R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila papillifera*** (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila parvistipula*** (Rodway) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila subhyalina*** (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila subhyalina*** var. ***grandidentata*** J.J.Engel & R.M.Schust.
 [58] ***Pachyschistochila subhyalina*** (R.M.Schust.) R.M.Schust. & J.J.Engel var. ***subhyalina***
 [58] ***Pachyschistochila succulenta*** J.J.Engel & R.M.Schust.
 [58] ***Pachyschistochila trispiralis*** (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] ***Pachyschistochila virescens*** (R.M.Schust.) R.M.Schust. & J.J.Engel
 [18] ***Palamocladium*** Müll.Hal.
 [18] ***Palamocladium leskeoides*** (Hook.) E.Britton
 [18] ***Palamocladium macrostegium*** (Sull. & Lesq.) Z.Iwats. & Takaki = ***Palamocladium leskeoides*** (Hook.) E.Britton
 [18] ***Palamocladium nilgheriense*** (Mont.) Müll.Hal. = ***Palamocladium leskeoides*** (Hook.) E.Britton
 [18] ***Palamocladium sericeum*** (A.Jaeger) Müll.Hal. = ***Palamocladium leskeoides*** (Hook.) E.Britton
 [66] ***Pallavicinia***
 [66] ***Pallavicinia connivens*** (Colenso) Steph. = ***Jensenia connivens*** (Colenso) Grolle
 [66] ***Pallavicinia innovans*** Steph.
 [66] ***Pallavicinia lyellii*** (Hook.) Gray
 [66] ***Pallavicinia rubristipa*** Schiffn.
 [66] ***Pallavicinia tenuinervis*** (Hook.f. & Taylor) Trevis.
 [66] ***Pallavicinia xiphoides*** (Hook.f. & Taylor) Trevis.
 [66] ***Pallaviciniaceae*** Mig
 [66] ***Pallaviciniales*** W.Frey & M.Stech
 [21] ***Papillaria*** (Müll.Hal.) Lorentz

- [21] *Papillaria amblyacis* (Müll.Hal.) A.Jaeger = *Papillaria leuconeura* (Müll.Hal.) A.Jaeger
 [21] *Papillaria crocea* (Hampe) A.Jaeger
 [21] *Papillaria cuspidifera* (Wilson) A.Jaeger = *Papillaria crocea* (Hampe) A.Jaeger
 [21] *Papillaria flavolimbata* (Müll.Hal. & Hampe) A.Jaeger
 [21] *Papillaria flexicaulis* (Wilson) A.Jaeger
 [21] *Papillaria kermadecensis* (Müll.Hal.) A.Jaeger = *Papillaria crocea* (Hampe) A.Jaeger
 [21] *Papillaria leuconeura* (Müll.Hal.) A.Jaeger
 [21] *Papillaria nitens* (Hook.f. & Wilson) Sainsbury
 [21] *Papillaria nitidiuscula* Broth. = *Papillaria nitens* (Hook.f. & Wilson) Sainsbury
 [49] *Paracromastigum Fulford* & J.Taylor
 [50] *Paracromastigum ceratophyllum* (Spruce) R.M.Schust. = *Zoopsis ceratophylla* (Spruce) Hamlin
 [49] *Paracromastigum drucei* (R.M.Schust.) R.M.Schust.
 [49] *Paracromastigum fiordlandiae* R.M.Schust. & J.J.Engel
 [50] *Paracromastigum fissifolium* (Steph.) R.M.Schust. = *Zoopsis ceratophylla* (Spruce) Hamlin
 [49] *Paracromastigum furcifolium* (Steph.) R.M.Schust.
 [49] *Paracromastigum kirkii* (Steph.) R.M.Schust. = *Paracromastigum macrostipum* (Steph.) R.M.Schust.
 [49] *Paracromastigum macrostipum* (Steph.) R.M.Schust.
 [49] *Paracromastigum microphyllum* (R.M.Schust. ex J.J.Engel) E.D.Cooper
 [11] *Paraphymatoceros coriaceus* (Steph.) Stotler = *Phaeomegaceros coriaceus* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Paraphymatoceros hirticalyx* (Steph.) Stotler = *Phaeomegaceros hirticalyx* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [58] *Paraschistochila* R.M.Schust. = *Gottschea Nees* ex Mont.
 [58] *Paraschistochila conchophylla* (E.A.Hodgs. & Allison) R.M.Schust. = *Gottschea conchophylla* (E.A.Hodgs. & Allison) Grolle & Zijlstra
 [58] *Paraschistochila pinnatifolia* (Hook.) R.M.Schust. = *Gottschea pinnatifolia* (Hook.) Nees
 [58] *Paraschistochila tulooides* (Hook.f. & Taylor) R.M.Schust. = *Gottschea tulooides* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [43] *Parentia* Léman = *Calypogeia* Raddi
 [56] *Pedinophyllum* (Lindb.) Lindb.
 [56] *Pedinophyllum monoicum* (Steph.) Grolle
 [65] *Pelliidae* He-Nygrén
 [21] *Pendulothecium* Enroth & S.He
 [21] *Pendulothecium auriculatum* (Hook.f. & Wilson) Enroth & S.He
 [21] *Pendulothecium oblongifolium* (Hook.f. & Wilson) Enroth & S.He
 [22] *Pendulothecium punctatum* (Hook.f. & Wilson) Enroth & S.He
 [66] *Petalophyllaceae* Stotler & Crand.-Stotl.
 [66] *Petalophyllum* Nees & Gottsche ex Lehm.
 [66] *Petalophyllum australe* Colenso = *Petalophyllum preissii* Lehm.
 [66] *Petalophyllum hodgsoniae* Crand.-Stotl. & C.H.Ford
 [66] *Petalophyllum preissii* Lehm.
 [11] *Phaeoceros* Prosk.
 [11] *Phaeoceros carolinianus* (Michx.) Prosk.
 [11] *Phaeoceros coriaceus* (Steph.) E.O.Campb. = *Phaeomegaceros coriaceus* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Phaeoceros delicatus* E.O.Campb. & Outred
 [11] *Phaeoceros hirticalyx* (Steph.) Haseg. = *Phaeomegaceros hirticalyx* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Phaeoceros laevis* subsp. *carolinianus* (Michx.) Prosk. = *Phaeoceros carolinianus* (Michx.) Prosk.
 [11] *Phaeomegaceros* R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Phaeomegaceros coriaceus* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [11] *Phaeomegaceros hirticalyx* (Steph.) R.J.Duff, J.C.Villarreal, Cargill & Renzaglia
 [36] *Phascum acaulon* With. = *Tortula acaulon* (With.) R.H.Zander
 [34] *Phascum apiculatum* Hook.f. & Wilson = *Acaulon integrifolium* Müll.Hal.
 [30] *Phascum arnoldii* R.Br.bis = *Pleuridium arnoldii* (R.Br.bis) Paris
 [37] *Phascum austrocrispum* Beckett = *Weissia austrocrispa* (Beckett) I.G.Stone
 [30] *Phascum axillare* Dicks. = *Pseudephemerum nitidum* (Hedw.) Loeske
 [37] *Phascum drummondii* Wilson = *Tortula splachnoides* (Hornsch.) R.H.Zander
 [37] *Phascum lanceolatum* R.Br.bis = *Weissia austrocrispa* (Beckett) I.G.Stone
 [34] *Phascum leptophyllum* Müll.Hal. = *Chenia leptophylla* (Müll.Hal.) R.H.Zander
 [37] *Phascum longifolium* R.Br.bis = *Weissia austrocrispa* (Beckett) I.G.Stone
 [30] *Phascum nervosum* Hook. = *Pleuridium nervosum* (Hook.) Mitt.
 [30] *Phascum nitidum* Hedw. = *Pseudephemerum nitidum* (Hedw.) Loeske
 [34] *Phascum serratum* Hedw. = *Ephemerum serratum* (Hedw.) Hampe
 [34] *Phascum sessile* Bruch = *Ephemerum sessile* (Bruch) Müll.Hal.
 [37] *Phascum splachnoides* Hornsch. = *Tortula splachnoides* (Hornsch.) R.H.Zander
 [30] *Phascum subulatum* Hedw. = *Pleuridium subulatum* (Hedw.) Rabenh.
 [34] *Phascum tenerum* Bruch & Schimp. = *Micromitrium tenerum* (Bruch & Schimp.) Crosby
 [12] *Philonotis* Brid.
 [12] *Philonotis australis* A.Jaeger = *Philonotis pyriformis* (R.Br.bis) Wijk & Margad.
 [12] *Philonotis australis* var. *surculigera* Dixon = *Philonotis pyriformis* (R.Br.bis) Wijk & Margad.
 [12] *Philonotis pyriformis* (R.Br.bis) Wijk & Margad.
 [12] *Philonotis scabrifolia* (Hook.f. & Wilson) Braithw.
 [12] *Philonotis tenuis* (Taylor) Reichardt
 [27] *Photinophyllum pellucidum* Mitt. = *Goniobryum subbasilare* (Hook.) Lindb.
 [63] *Phragmicoma olivacea* (Hook.f. & Taylor) Mitt. = *Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [63] *Phragmicoma spathulistipus* (Reinw., Blume & Nees) Mitt. = *Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.
 [22] *Phyllogonium elegans* Hook.f. & Wilson = *Orthorrhynchium elegans* (Hook.f. & Wilson) Reichardt
 [66] *Phyllohallia* E.A.Hodgs.
 [66] *Phyllohallia nivicola* E.A.Hodgs.
 [66] *Phyllohalliaceae* E.A.Hodgs.
 [38] *Physcomitrella austropatens* Broth. = *Physcomitridium readeri* (Müll.Hal.) G.Roth.
 [37] *Physcomitrella bartlettii* Fife = *Bryobeckettia bartlettii* (Fife) Fife

- [38] *Physcomitrella patens* subsp. *readeri* (Müll.Hal.) B.C.Tan = *Physcomitridium readeri* (Müll.Hal.) G.Roth.
 [38] *Physcomitrella readeri* (Müll.Hal.) I.G.Stone & G.A.M.Scott = *Physcomitridium readeri* (Müll.Hal.) G.Roth.
 [37] *Physcomitrella* subgen. *Exsertofructus* Fife = *Bryobeckettia* Fife
 [38] *Physcomitridium* G.Roth.
 [38] *Physcomitridium readeri* (Müll.Hal.) G.Roth.
 [38] *Physcomitrium* (Brid.) Brid.
 [37] *Physcomitrium apophysatum* (Taylor) Hook.f. & Wilson = *Entosthodon apophysatus* (Taylor) Mitt.
 [38] *Physcomitrium conicum* Mitt. = *Physcomitrium pyriforme* (Hedw.) Hampe
 [38] *Physcomitrium jamesonii* Taylor = *Entosthodon jamesonii* (Taylor) Mitt.
 [38] *Physcomitrium laxum* (Hook.f. & Wilson) Müll.Hal. = *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
 [38] *Physcomitrium pusillum* Hook.f. & Wilson
 [38] *Physcomitrium pyriforme* (Hedw.) Hampe
 [61] *Physocolea* (Spruce) Steph. = *Cololejeunea* (Spruce) Steph.
 [61] *Physocolea cucullifolia* Herzog = *Cololejeunea cucullifolia* (Herzog) E.A.Hodgs.
 [61] *Physocolea hodgsoniae* Herzog = *Cololejeunea hodgsoniae* (Herzog) E.A.Hodgs.
 [17] *Pilotrichaceae* Kindb.
 [21] *Pilotrichella flavolimbata* (Müll.Hal. & Hampe) Paris = *Papillaria flavolimbata* (Müll.Hal. & Hampe) A.Jaeger
 [21] *Pilotrichella mollis* (Hedw.) A.Jaeger = *Weymouthia mollis* (Hedw.) Broth.
 [21] *Pilotrichum croceum* Hampe = *Papillaria crocea* (Hampe) A.Jaeger
 [15] *Pilotrichum microcyatheum* Müll.Hal. = *Hedwigia ciliata* (Hedw.) P.Beauv.
 [19] *Pilotrichum ovalifolium* Müll.Hal. = *Cryphaea ovalifolia* (Müll.Hal.) A.Jaeger
 [21] *Pilotrichum reclinatum* Müll.Hal. = *Meteoriopsis reclinata* (Müll.Hal.) Broth.
 [14] *Plagiobryum* Lindb.
 [14] *Plagiobryum novae-seelandiae* Broth.
 [67] *Plagiochasma* Lehm.
 [67] *Plagiochasma australe* Nees = *Plagiochasma rupestre* (J.R.Forst. & G.Forst.) Steph.
 [67] *Plagiochasma hodgsoniae* Hamlin = *Plagiochasma rupestre* (J.R.Forst. & G.Forst.) Steph.
 [67] *Plagiochasma rupestre* (J.R.Forst. & G.Forst.) Steph.
 [56] *Plagiochila* (Dumort.) Dumort.
 [56] *Plagiochila aculeata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Plagiochila fasciculata* Lindenb.
 [56] *Plagiochila alta* Steph.
 [56] *Plagiochila annotina* Menzies ex Lindenb.
 [41] *Plagiochila appressifolia* Steph. = *Adelanthus falcatus* (Hook.) Mitt.
 [57] *Plagiochila arbuscula* var. *rekohuensis* J.J.Engel & G.L.Merr. = *Plagiochila trispicata* Colenso
 [56] *Plagiochila axillaris* Colenso = *Plagiochila deltoidea* Lindenb.
 [56] *Plagiochila banksiana* Gottsche
 [56] *Plagiochila banksiana* Gottsche var. *banksiana*
 [56] *Plagiochila banksiana* var. *echinophora* Inoue & R.M.Schust.
 [56] *Plagiochila baylisii* Inoue & R.M.Schust.
 [56] *Plagiochila bazzanioides* J.J.Engel & G.L.Merr.
 [56] *Plagiochila beckettiana* Steph. = *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [57] *Plagiochila berggreniana* Herzog = *Plagiochila subfasciculata* Colenso
 [55] *Plagiochila biserialis* Lehm. & Lindenb. = *Chiastocaulon biserialis* (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-
 Verw. & Heinrichs
 [57] *Plagiochila caducifolia* Inoue & R.M.Schust. = *Plagiochila spinulosa* (Dicks.) Dumort.
 [56] *Plagiochila caespitosa* Colenso = *Plagiochila deltoidea* Lindenb.
 [57] *Plagiochila calcarata* Herzog = *Plagiochila trispicata* Colenso
 [41] *Plagiochila capillaris* (Berggr.) E.A.Hodgs. = *Adelanthus falcatus* (Hook.) Mitt.
 [56] *Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
 [56] *Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb. var. *circinalis*
 [56] *Plagiochila circinalis* var. *hemicardia* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.
 [56] *Plagiochila circumdentata* Steph.
 [56] *Plagiochila circumdentata* var. *carinata* J.J.Engel & G.L.Merr.
 [56] *Plagiochila circumdentata* Steph. var. *circumdentata*
 [56] *Plagiochila colensoi* Hook.f. & Taylor
 [56] *Plagiochila colensoi* var. *quinquspina* (Steph.) J.J.Engel & G.L.Merr. = *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche,
 Lindenb. & Nees
 [56] *Plagiochila decurvifolia* Steph. = *Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
 [56] *Plagiochila deflexifolia* Steph. = *Plagiochila circinalis* (Lehm. & Lindenb.) Lindenb.
 [56] *Plagiochila deltoidea* Lindenb.
 [56] *Plagiochila deltoidea* Lindenb. var. *deltoidea*
 [56] *Plagiochila deltoidea* var. *densa* J.J.Engel & G.L.Merr.
 [56] *Plagiochila exilis* Colenso = *Plagiochila colensoi* Hook.f. & Taylor
 [56] *Plagiochila fasciculata* Lindenb.
 [56] *Plagiochila fragmentissima* Inoue & R.M.Schust.
 [56] *Plagiochila fruticella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Dinckleria fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs
 [56] *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [56] *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *fuscella*
 [56] *Plagiochila fuscella* var. *novae-zelandiae* (E.A.Hodgs.) J.J.Engel & G.L.Merr.
 [56] *Plagiochila gigantea* Lindenb.
 [56] *Plagiochila gigantea* Lindenb. var. *gigantea*
 [56] *Plagiochila gigantea* var. *inermis* J.J.Engel & G.L.Merr.
 [56] *Plagiochila gregaria* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [56] *Plagiochila hartziana* Pearson
 [56] *Plagiochila hatcheri* J.J.Engel & G.L.Merr. = *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [56] *Plagiochila helmsii* Steph. = *Plagiochila gregaria* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [56] *Plagiochila hemicardia* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Plagiochila circinalis* var. *hemicardia* (Hook.f. & Taylor)
 J.J.Engel & G.L.Merr.
 [57] *Plagiochila heterophylla* Colenso = *Plagiochila subflabellata* Colenso

- [56] *Plagiochila howeana* Steph. = *Plagiochila deltoidea* Lindenb.
 [41] *Plagiochila inaequalis* Steph. = *Adelanthus falcatus* (Hook.) Mitt.
 [56] *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [56] *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *incurvicolla*
 [57] *Plagiochila incurvicolla* var. *lonchosocypha* (Herzog) J.J.Engel & G.L.Merr.
 [41] *Plagiochila intermixta* Colenso = *Adelanthus falcatus* (Hook.) Mitt.
 [57] *Plagiochila intertexta* Hook.f. & Taylor
 [57] *Plagiochila kermadecensis* Engel & G.L.Merr. = *Plagiochila pacifica* Mitt.
 [56] *Plagiochila kirkii* Mitt. ex Steph. = *Plagiochila annotina* Menzies ex Lindenb.
 [56] *Plagiochila laeta* Mitt. = *Plagiochila banksiana* Gottsche
 [56] *Plagiochila limpida* Herzog = *Plagiochila banksiana* Gottsche
 [57] *Plagiochila litoralis* Steph. = *Plagiochila intertexta* Hook.f. & Taylor
 [57] *Plagiochila lonchosocypha* Herzog. = *Plagiochila incurvicolla* var. *lonchosocypha* (Herzog) J.J.Engel & G.L.Merr.
 [57] *Plagiochila longissima* Colenso = *Plagiochila trispicata* Colenso
 [56] *Plagiochila lyallii* Mitt. = *Plagiochila colensoi* Hook.f. & Taylor
 [57] *Plagiochila lyallii* var. *lonchosocypha* (Herzog) E.A.Hodgs. = *Plagiochila incurvicolla* var. *lonchosocypha* (Herzog) J.J.Engel & G.L.Merr.
 [56] *Plagiochila lyallii* var. *quinquspina* (Steph.) Inoue & R.M.Schust. = *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [57] *Plagiochila microdictyon* Mitt.
 [56] *Plagiochila monoica* Steph. = *Pedinophyllum monoicum* (Steph.) Grolle
 [56] *Plagiochila multidentata* Steph. = *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [58] *Plagiochila nemorosa* (L.) Mont. & Nees = *Scapania nemorosa* (L.) Dumort.
 [57] *Plagiochila neohoweana* Pearson = *Plagiochila strombifolia* Taylor ex Lehm.
 [57] *Plagiochila obscura* Colenso = *Plagiochila stephensoniana* Mitt.
 [56] *Plagiochila orbiculata* Colenso = *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [57] *Plagiochila pacifica* Mitt.
 [56] *Plagiochila pallescens* Colenso = *Plagiochila colensoi* Hook.f. & Taylor
 [56] *Plagiochila pigmentata* E.A.Hodgs. = *Plagiochila circinalis* var. *hemicardia* (Hook.f. & Taylor) J.J.Engel & G.L.Merr.
 [56] *Plagiochila pleurata* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Dinckleria pleurata* (Hook.f. & Taylor) Trevis.
 [57] *Plagiochila polycarpa* Colenso = *Plagiochila stephensoniana* Mitt.
 [57] *Plagiochila polystachya* Colenso = *Plagiochila trispicata* Colenso
 [55] *Plagiochila prolifera* Mitt. = *Chiastocaulon proliferum* (Mitt.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
 [41] *Plagiochila pusilla* Mont. = *Adelanthus falcatus* (Hook.) Mitt.
 [56] *Plagiochila quinquspina* Steph. = *Plagiochila incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [55] *Plagiochila radiculosa* Mitt. = *Cryptoplagiochila radiculosa* (Mitt.) S.D.F.Patzak, M.A.M.Renner & Heinrichs
 [57] *Plagiochila ramosissima* (Hook.) Lindenb.
 [55] *Plagiochila recta* Colenso = *Cryptoplagiochila radiculosa* (Mitt.) S.D.F.Patzak, M.A.M.Renner & Heinrichs
 [57] *Plagiochila reischekiana* Steph.
 [56] *Plagiochila rotundifolia* Colenso = *Plagiochila fuscella* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [57] *Plagiochila rutlandii* Steph.
 [56] *Plagiochila* sect. *Pedinophyllum* Lindb. = *Pedinophyllum* (Lindb.) Lindb.
 [55] *Plagiochila simpsonii* W.Martin & E.A.Hodgs. = *Chiastocaulon biserialis* (Lehm. & Lindenb.) S.D.F.Patzak, M.A.M. Renner, Schäf.-Verw. & Heinrichs
 [57] *Plagiochila sinclairii* Mitt. = *Plagiochila intertexta* Hook.f. & Taylor
 [56] *Plagiochila spenceriana* Colenso = *Plagiochila deltoidea* Lindenb.
 [57] *Plagiochila spinulosa* (Dicks.) Dumort.
 [57] *Plagiochila stephensoniana* Mitt.
 [57] *Plagiochila strombifolia* Taylor ex Lehm.
 [57] *Plagiochila subfasciculata* Colenso
 [57] *Plagiochila subflabellata* Colenso
 [56] *Plagiochila suborbiculata* Colenso = *Plagiochila gigantea* Lindenb.
 [41] *Plagiochila subpetiolata* Colenso = *Adelanthus falcatus* (Hook.) Mitt.
 [56] *Plagiochila subquadrata* Herzog = *Plagiochila fasciculata* Lindenb.
 [57] *Plagiochila traversii* Steph. = *Plagiochila intertexta* Hook.f. & Taylor
 [57] *Plagiochila trispicata* Colenso
 [57] *Plagiochila trispicata* var. *rekohuensis* (J.J.Engel & G.L.Merr.) M.A.M.Renner = *Plagiochila trispicata* Colenso
 [56] *Plagiochila viridonigra* (E.A.Hodgs.) Inoue = *Plagiochila hartziana* Pearson
 [55] *Plagiochila watsii* Steph. ex Rodway = *Cryptoplagiochila radiculosa* (Mitt.) S.D.F.Patzak, M.A.M.Renner & Heinrichs
 [55] *Plagiochilaceae* (Jörg.) Müll.Frib.
 [55] *Plagiochilion* S.Hatt. = *Chiastocaulon* Carl
 [55] *Plagiochilion conjugatum* (Hook.) R.M.Schust. = *Chiastocaulon conjugatum* (Hook.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
 [55] *Plagiochilion proliferum* (Mitt.) R.M.Schust. = *Chiastocaulon proliferum* (Mitt.) S.D.F.Patzak, M.A.M.Renner, Schäf.-Verw. & Heinrichs
 [15] *Plagiomnium* T.J.Kop.
 [15] *Plagiomnium novae-zealandiae* (Colenso) T.J.Kop.
 [12] *Plagiopus* Brid.
 [12] *Plagiopus oederiana* (Sw.) H.A.Crum & L.E.Anderson
 [22] *Plagiotheciaceae* M.Fleisch.
 [22] *Plagiothecium* Schimp.
 [22] *Plagiothecium lamprostachys* (Hampe) A.Jaeger
 [22] *Plagiothecium novae-seelandiae* Broth. = *Plagiothecium lamprostachys* (Hampe) A.Jaeger
 [18] *Platyhypnidium* M.Fleisch.
 [18] *Platyhypnidium austrinum* (Hook.f. & Wilson) M.Fleisch.
 [30] *Pleuridium* Rabenh.
 [30] *Pleuridium arnoldii* (R.Br.bis) Paris
 [30] *Pleuridium nervosum* (Hook.) Mitt.
 [30] *Pleuridium nitidum* (Hedw.) Rabenh. = *Pseudephemerum nitidum* (Hedw.) Loeske

- [30]*Pleuridium* sect. *Ephemerum* Lindb. = ***Pseudephemerum*** (Lindb.) I.Hagen
 [30]*Pleuridium subulatum* (Hedw.) Rabenh.
 [34]**Pleurophascaceae** Broth.
 [34]**Pleurophascum** Lindb.
 [34]*Pleurophascum grandiglobum* var. *decurrens* Sainsbury = *Pleurophascum ovalifolium* Fife & P.J.Dalton
 [34]**Pleurophascum ovalifolium** Fife & P.J.Dalton
 [18]*Pleuropus* Griff. = ***Palamocladium*** Müll.Hal.
 [48]*Pleuroschisma* sect. *Lepidozia* Dumort. = ***Lepidozia*** (Dumort.) Dumort.
 [41]*Podanthe* Taylor = ***Lethocolea*** Mitt.
 [41]*Podanthe squamata* Taylor = ***Lethocolea pansa*** (Taylor) G.A.M.Scott & K.G.Beckm.
 [66]**Podomitrium** Mitt.
 [66]**Podomitrium phyllanthus** (Hook.) Mitt.
 [39]**Pogonatum** P.Beauv.
 [39]*Pogonatum alpinum* (Hedw.) Röhl. = ***Polytrichastrum alpinum*** (Hedw.) G.L.Sm.
 [39]**Pogonatum subulatum** (Brid.) Brid.
 [14]**Pohlia** Hedw.
 [15]*Pohlia albicans* Lindb. = ***Pohlia wahlenbergii*** (F.Weber & D.Mohr) A.L.Andrews
 [14]**Pohlia annotina** (Hedw.) Lindb.
 [14]**Pohlia australis** A.J.Shaw & Fife
 [14]**Pohlia campotrachela** (Renauld & Cardot) Broth.
 [13]*Pohlia clavata* Schimp. = ***Bryum clavatum*** (Schimp.) Müll.Hal.
 [14]**Pohlia cruda** (Hedw.) Lindb.
 [15]*Pohlia elatior* (Dixon & Sainsbury) Sainsbury = ***Pohlia nutans*** (Hedw.) Lindb.
 [14]**Pohlia elongata** Hedw.
 [14]*Pohlia novae-seelandiae* Dixon = ***Pohlia elongata*** Hedw.
 [15]**Pohlia nutans** (Hedw.) Lindb.
 [15]**Pohlia ochii** Vitt
 [15]**Pohlia tenuifolia** (A.Jaeger) Broth.
 [15]**Pohlia wahlenbergii** (F.Weber & D.Mohr) A.L.Andrews
 [45]*Polyotus* Gottsche = ***Lepidolaena*** Dumort.
 [46]*Polyotus taylorii* Gottsche = ***Lepidolaena taylorii*** (Gottsche) Trevis.
 [38]**Polytrichaceae** Schwägr.
 [39]**Polytrichadelphus** (Müll.Hal.) Mitt.
 [39]**Polytrichadelphus magellanicus** (Hedw.) Mitt.
 [38]**Polytrichales** M.Fleisch.
 [39]**Polytrichastrum** G.L.Sm.
 [39]**Polytrichastrum alpinum** (Hedw.) G.L.Sm.
 [39]*Polytrichastrum formosum* (Hedw.) G.L.Sm. = ***Polytrichum formosum*** Hedw.
 [39]**Polytrichastrum longisetum** (Brid.) G.L.Sm.
 [38]**Polytrichopsida** Doweld.
 [39]**Polytrichum** Hedw.
 [39]*Polytrichum alpinum* Hedw. = ***Polytrichastrum alpinum*** (Hedw.) G.L.Sm.
 [39]*Polytrichum australe* Hook.f. & Wilson = ***Notoligotrichum australe*** (Hook.f. & Wilson) G.L.Sm.
 [39]**Polytrichum commune** Hedw.
 [39]*Polytrichum crispulum* Hook.f. & Wilson = ***Notoligotrichum crispulum*** (Hook.f. & Wilson) G.L.Sm.
 [39]**Polytrichum formosum** Hedw.
 [39]**Polytrichum juniperinum** Hedw.
 [38]*Polytrichum ligulatum* Mitt. = ***Atrichum androgynum*** (Müll.Hal.) A.Jaeger
 [39]*Polytrichum longisetum* Brid. = ***Polytrichastrum longisetum*** (Brid.) G.L.Sm.
 [39]*Polytrichum magellanicum* Hedw. = ***Polytrichadelphus magellanicus*** (Hedw.) Mitt.
 [39]*Polytrichum maoriae* Müll.Hal. = ***Polytrichum juniperinum*** Hedw.
 [39]*Polytrichum polycarpum* Colenso = ***Polytrichadelphus magellanicus*** (Hedw.) Mitt.
 [39]*Polytrichum ruahinicum* Colenso = ***Polytrichadelphus magellanicus*** (Hedw.) Mitt.
 [39]*Polytrichum subulatum* Brid. = ***Pogonatum subulatum*** (Brid.) Brid.
 [39]*Polytrichum tenuirostre* Hook. = ***Oligotrichum tenuirostre*** (Hook.) A.Jaeger
 [38]*Polytrichum tongariroense* Colenso = ***Dendroligotrichum tongariroense*** (Colenso) Tangney
 [63]**Porella** L.
 [63]*Porella amoena* (Colenso) Martin = ***Porella elegantula*** (Mont.) E.A.Hodgs.
 [63]**Porella elegantula** (Mont.) E.A.Hodgs.
 [63]*Porella partita* (Hook.f. & Taylor) Trevis. = ***Porella elegantula*** (Mont.) E.A.Hodgs.
 [63]**Porella pulcherrima** Herzog & S.Hatt.
 [63]*Porella stangeri* (Lindenb. & Gottsche) Trevis. = ***Porella elegantula*** (Mont.) E.A.Hodgs.
 [63]*Porella stangeri* var. *ramosa* (Gottsche., Lindenb. & Nees) Carrington & Pearson = ***Porella elegantula*** (Mont.) E.A.Hodgs.
 [63]**Porellaceae** Cavers
 [59]**Porellales** Schljakov
 [38]**Porothamnium** M.Fleisch.
 [38]**Porothamnium baculiferum** (Dixon) Broth.
 [20]*Porotrichum arbuscula* (Sm.) Mitt. = ***Camptochaete arbuscula*** (Sm.) Reichardt
 [21]*Porotrichum clandestinum* (Hook.f. & Wilson) Mitt. = ***Lembophyllum clandestinum*** (Hook.f. & Wilson) Lindb.
 [21]*Porotrichum cochlearifolium* (Schwägr.) Mitt. = ***Weymouthia cochlearifolia*** (Schwägr.) Dixon
 [20]*Porotrichum deflexum* (Wilson) Mitt. = ***Camptochaete deflexa*** (Wilson) A.Jaeger
 [21]*Porotrichum divulsum* (Hook.f. & Wilson) Mitt. = ***Lembophyllum divulsum*** (Hook.f. & Wilson) Lindb.
 [20]*Porotrichum gracile* (Hook.f. & Wilson) Mitt. = ***Fallaciella gracilis*** (Hook.f. & Wilson) H.A.Crum
 [21]*Porotrichum oblongifolium* (Hook.f. & Wilson) Broth. = ***Pendulothecium oblongifolium*** (Hook.f. & Wilson) Enroth & S.He
 [36]*Pottia areolata* (C.Knight) R.Br.bis = ***Tortula areolata*** (C.Knight) Fife
 [35]*Pottia ceratodonteae* Müll.Hal. = ***Didymodon ceratodonteus*** (Müll.Hal.) Dixon
 [35]*Pottia davalliana* (Sm.) C.E.O.Jensen = ***Microbryum davallianum*** (Sm.) R.H.Zander
 [37]*Pottia drummondii* (Wilson) J.H.Willis = ***Tortula splachnoides*** (Hornsch.) R.H.Zander
 [35]*Pottia heimii* (Hedw.) Hampe = ***Henediella heimii*** (Hedw.) R.H.Zander

- [36] *Pottia longifolia* R.Br.bis = *Tortula areolata* (C.Knight) Fife
 [35] *Pottia macrophylla* (R.Br.bis) Sainsbury = *Hennediella macrophylla* (R.Br.bis) Paris
 [35] *Pottia marginata* Beckett = *Hennediella macrophylla* (R.Br.bis) Paris
 [37] *Pottia maritima* (R.Br.bis) Broth. = *Tortula splachnoides* (Hornsch.) R.H.Zander
 [35] *Pottia starckeana* (Hedw.) Müll.Hal. = *Microbryum starckeanaum* (Hedw.) R.H.Zander
 [35] *Pottia starckeana* subsp. *minutula* (Schwägr.) D.F.Chamb. = *Microbryum davallianum* (Sm.) R.H.Zander
 [36] *Pottia stevensii* R.Br.bis = *Tortula areolata* (C.Knight) Fife
 [37] *Pottia truncata* (Hedw.) Bruch & Schimp. = *Tortula truncata* (Hedw.) Mitt.
 [35] *Pottia zealandiae* (R.Br.bis) Paris = *Microbryum starckeanaum* (Hedw.) R.H.Zander
 [35] *Pottia zealandioides* Dixon & Sainsbury = *Microbryum davallianum* (Sm.) R.H.Zander
 [34] **Pottiaceae Hampe**
 [33] **Pottiales M.Fleisch.**
 [55] *Proskauera* Heinrichs & J.J.Engel = *Dinckleria* Trevis
 [56] *Proskauera fruticella* (Hook.f. & Taylor) Heinrichs & J.J.Engel = *Dinckleria fruticella* (Hook.f. & Taylor) J.J.Engel & Heinrichs
 [56] *Proskauera pleurata* (Hook.f. & Taylor) Heinrichs & J.J.Engel = *Dinckleria pleurata* (Hook.f. & Taylor) Trevis.
 [44] **Protolophozia (R.M.Schust.) Schljakov**
 [44] *Protolophozia androgyna* R.M.Schust. ex Váňa et L.Söderstr.
 [44] *Protolophozia autoica* (R.M.Schust.) Váňa & L.Söderstr.
 [44] *Protolophozia druceae* (Grolle & E.A.Hodgs.) Váňa & L.Söderstr.
 [44] *Protolophozia herzogiana* (E.A.Hodgs. & Grolle) Váňa & L.Söderstr.
 [44] *Protolophozia monoica* (E.A.Hodgs.) Váňa & L.Söderstr.
 [44] *Protolophozia multispinata* (Hook.f. & Taylor) Váňa & L.Söderstr.
 [44] *Protolophozia nivicola* (R.M.Schust.) Váňa & L.Söderstr.
 [44] *Protolophozia subalpina* (R.M.Schust.) Váňa & L.Söderstr.
 [43] *Protomarsupella* R.M.Schust. = *Allisoniella* E.A.Hodgs.
 [43] *Protomarsupella scottii* R.M.Schust. = *Allisoniella scottii* (R.M.Schust.) R.M.Schust.
 [30] **Pseudephemerum (Lindb.) I.Hagen**
 [30] *Pseudephemerum axillare* (Dicks.) I.Hagen = *Pseudephemerum nitidum* (Hedw.) Loeske
 [30] *Pseudephemerum nitidum* (Hedw.) Loeske
 [49] **Pseudocephalozia R.M.Schust.**
 [49] *Pseudocephalozia drucei* R.M.Schust. = *Paracromastigum drucei* (R.M.Schust.) R.M.Schust.
 [49] *Pseudocephalozia lepidozoides* R.M.Schust.
 [49] *Pseudocephalozia macrostipa* (Steph.) R.M.Schust. = *Paracromastigum macrostipum* (Steph.) R.M.Schust.
 [49] *Pseudocephalozia paludicola* R.M.Schust.
 [35] **Pseudocrossidium R.S.Williams**
 [35] *Pseudocrossidium crinitum* (Schultz) R.H.Zander
 [34] *Pseudocrossidium crinitum* var. *obscurum* (Dixon) B.H.Macmill. & Fife = *Barbula unguiculata* Hedw.
 [35] *Pseudocrossidium hornschiuanum* (Schultz) R.H.Zander
 [30] **Pseudodistichium Cardot = Ditrichum Timm ex Hampe**
 [30] *Pseudodistichium brotherusii* (R.Br.bis) Dixon = *Ditrichum brotherusii* (R.Br.bis) Seppelt
 [30] *Pseudodistichium buchananii* (R.Br.bis) Dixon = *Ditrichum buchananii* (R.Br.bis) Broth.
 [57] **Pseudolepicoleaceae Fulford & J.Taylor**
 [21] **Pseudoleskea Schimp.**
 [21] *Pseudoleskea imbricata* (Hook.f. & Wilson) Broth.
 [21] *Pseudoleskeopsis imbricata* (Hook.f. & Wilson) Thér. = *Pseudoleskea imbricata* (Hook.f. & Wilson) Broth.
 [54] **Pseudolophocolea R.M.Schust. & J.J.Engel**
 [54] *Pseudolophocolea denticulata* R.M.Schust. & J.J.Engel
 [41] **Pseudomarsupidium Herzog**
 [41] *Pseudomarsupidium piliferum* (Steph.) Herzog ex Grolle
 [18] **Pseudoscleropodium (Limpr.) M.Fleisch.**
 [18] *Pseudoscleropodium purum* (Hedw.) M.Fleisch.
 [20] **Pseudotaxiphyllum Z.Iwats.**
 [20] *Pseudotaxiphyllum distichaceum* (Mitt.) Z.Iwats.
 [20] *Pseudotaxiphyllum falcifolium* (Hook.f. & Wilson) S.He
 [50] **Psiloclada Mitt.**
 [50] *Psiloclada clandestina* Mitt.
 [50] *Psiloclada clandestina* f. *major* R.M.Schust. = *Psiloclada clandestina* Mitt.
 [50] *Psiloclada clandestina* Mitt. subsp. *clandestina*
 [49] *Psiloclada digitata* Colenso = *Neolepidozia tetrapila* var. *cancellata* (Colenso) E.D.Cooper
 [50] *Psiloclada major* (R.M.Schust.) J.J.Engel = *Psiloclada clandestina* Mitt.
 [39] *Psilopilum australe* (Hook.f. & Wilson) Mitt. = *Notoligotrichum australe* (Hook.f. & Wilson) G.L.Sm.
 [39] *Psilopilum bellii* Broth. = *Notoligotrichum bellii* (Broth.) G.L.Sm.
 [39] *Psilopilum crispulum* (Hook.f. & Wilson) Mitt. = *Notoligotrichum crispulum* (Hook.f. & Wilson) G.L.Sm.
 [16] *Pterigynandrum ciliatum* Hedw. = *Catharomnion ciliatum* (Hedw.) Hook.f. & Wilson
 [22] **Pterobryaceae Kindb.**
 [23] **Pterobryellaceae W.R.Buck & Vitt**
 [17] *Pterobryon muelleri* (Hampe) Mitt. = *Hypopterygium tamarisci* (Sw.) Brid. ex Müll.Hal.
 [35] **Pterygoneurum Jur.**
 [35] *Pterygoneurum cavifolium* Jur. = *Pterygoneurum ovatum* (Hedw.) Dixon
 [35] *Pterygoneurum macleanum* Warnst.
 [35] *Pterygoneurum ovatum* (Hedw.) Dixon
 [15] *Pterygophyllum colensoi* Broth. ex Dixon = *Beeveria distichophylloides* (Broth. & Dixon) Fife
 [15] *Pterygophyllum cyclophyllum* Broth. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Pterygophyllum dentatum* (Hook.f. & Wilson) Dixon = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Pterygophyllum dentatum* var. *robustum* (Hook.f. & Wilson) Dixon = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15] *Pterygophyllum distichophylloides* Broth. & Dixon = *Beeveria distichophylloides* (Broth. & Dixon) Fife
 [16] *Pterygophyllum flavum* (Colenso) Paris = *Distichophyllum pulchellum* (Hampe) Mitt.
 [16] *Pterygophyllum microcarpum* (Hedw.) Brid. = *Distichophyllum microcarpum* (Hedw.) Mitt.
 [15] *Pterygophyllum nanocaulum* Broth. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby

- [15]*Pterygophyllum nigellum* (Hook.f. & Wilson) Mitt. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15]*Pterygophyllum pseudo-obscurum* Broth. = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [15]*Pterygophyllum quadrifarium* (Sm.) Brid. = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [15]*Pterygophyllum quadrifarium* f. *marginata* Sainsbury = *Achrophyllum quadrifarium* (Sm.) Vitt & Crosby
 [15]*Pterygophyllum robustum* (Hook.f. & Wilson) A.Jaeger = *Achrophyllum dentatum* (Hook.f. & Wilson) Vitt & Crosby
 [57]**Ptilidiaceae** H.Klinggr.
 [57]**Ptilidium** Nees
 [57]*Ptilidium ciliare* (L.) Hampe
 [20]*Ptilocladus gracilis* (Hook.f. & Wilson) Lindb. = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [62]**Ptychanthus** Nees
 [60]*Ptychanthus mollis* Hook.f. & Taylor = *Acrolejeunea mollis* (Hook.f. & Taylor) Schiffn.
 [60]*Ptychanthus pycnocladus* Taylor = *Acrolejeunea pycnoclada* (Taylor) Schiffn.
 [62]**Ptychanthus stephensonianus** (Mitt.) Steph.
 [60]*Ptychocoleus mollis* (Hook.f. & Taylor) Steph. = *Acrolejeunea mollis* (Hook.f. & Taylor) Schiffn.
 [63]*Ptychocoleus planiuscula* (Mitt.) Verd. = *Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.
 [60]*Ptychocoleus pycnocladus* (Taylor) Steph. = *Acrolejeunea pycnoclada* (Taylor) Schiffn.
 [33]**Ptychomitriaceae** Schimp.
 [33]**Ptychomitrium** Fűrnr.
 [33]*Ptychomitrium australe* (Hampe) A.Jaeger
 [33]*Ptychomitrium barrii* (R.Br.bis) Dixon = *Ptychomitrium australe* (Hampe) A.Jaeger
 [26]**Ptychomniaceae** M.Fleisch.
 [26]**Ptychomniales** W.R.Buck, C.J.Cox, A.J.Shaw & Goffinet
 [26]**Ptychomnion** (Hook.f. & Wilson) Mitt.
 [26]*Ptychomnion aciculare* (Brid.) Mitt.
 [26]*Ptychomnion densifolium* (Brid.) A.Jaeger
 [13]*Ptychostomum creberrimum* (Taylor) J.R.Spence & H.P.Ramsay = *Bryum creberrimum* Taylor
 [13]*Ptychostomum cylindrothecium* (R.Br.bis) J.R.Spence & H.P.Ramsay = *Bryum caespiticium* Hedw.
 [13]*Ptychostomum funkii* (Schwägr.) J.R.Spence = *Bryum funkii* Schwägr.
 [13]*Ptychostomum pallescens* (Schwägr.) J.R.Spence = *Bryum pallescens* Schwägr.
 [14]*Ptychostomum pseudotriquetrum* (Hedw.) J.R.Spence & H.P.Ramsay = *Bryum pseudotriquetrum* (Hedw.) P.Gaertn., E. Meyer & Scherb.
 [15]**Pulchrinodaceae** D.Quandt, N.E.Bell & M.Stech
 [15]**Pulchrinodus** B.H.Allen
 [15]*Pulchrinodus inflatus* (Hook.f. & Wilson) B.H.Allen
 [62]**Pycnolejeunea** (Spruce) Schiffn.
 [61]*Pycnolejeunea ceylanica* (Gottsche) Steph. = *Cheilolejeunea ceylanica* (Gottsche) R.M.Schust. & Kachroo
 [61]*Pycnolejeunea ceylanica* (Gottsche) Schiffn. = *Cheilolejeunea ceylanica* (Gottsche) R.M.Schust. & Kachroo
 [62]**Pycnolejeunea glauca** Steph.
 [62]*Pycnolejeunea integristipula* J.B.Jack & Steph. = *Lepidolejeunea integristipula* (J.B.Jack & Steph.) R.M.Schust.
 [61]*Pycnolejeunea zotovii* Herzog = *Cheilolejeunea albovirens* (Hook.f. & Taylor) E.A.Hodgs.
 [20]*Pylaisia australis* Dixon & Sainsbury = *Hypnum cupressiforme* var. *filiiforme* Brid.
 [22]*Pylaisia homomalla* (Hampe) A.Jaeger = *Sematophyllum homomallum* (Hampe) Broth.
 [22]**Pylaisiadelphaceae** Goffinet & W.R.Buck
 [27]**Pyrrhobryum** Mitt.
 [27]*Pyrrhobryum bifarium* (Hook.) Manuel
 [27]*Pyrrhobryum mnioides* (Hook.) Manuel
 [27]*Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife
 [27]*Pyrrhobryum paramattense* (Müll.Hal.) Manuel
 [33]**Racomitrium** Brid.
 [33]*Racomitrium crispulum* (Hook.f. & Wilson) Hook.f. & Wilson
 [33]*Racomitrium crumianum* Fife
 [33]*Racomitrium curiosissimum* Bednarek-Ochyra & Ochyra
 [33]*Racomitrium didymum* (Mont.) Lorentz
 [33]*Racomitrium elongatum* Frisvoll
 [33]*Racomitrium lanuginosum* (Hedw.) Brid.
 [33]*Racomitrium lanuginosum* var. *pruinatum* Hook.f. & Wilson = *Racomitrium pruinosum* (Hook.f. & Wilson) Müll.Hal.
 [33]*Racomitrium pruinosum* (Hook.f. & Wilson) Müll.Hal.
 [33]*Racomitrium ptychophyllum* (Mitt.) Mitt.
 [33]*Racomitrium striatipilum* Cardot
 [23]**Racopilaceae** Kindb.
 [23]**Racopilum** P.Beauv.
 [23]*Racopilum convolutaceum* (Müll.Hal.) Reichardt = *Racopilum cuspidigerum* var. *convolutaceum* (Müll.Hal.) Zanten & Dijkstra
 [23]*Racopilum cuspidigerum* (Schwägr.) Ängstr.
 [23]*Racopilum cuspidigerum* var. *convolutaceum* (Müll.Hal.) Zanten & Dijkstra
 [23]*Racopilum robustum* Hook.f. & Wilson
 [23]*Racopilum strumiferum* (Müll.Hal.) Mitt.
 [63]**Radula** Dumort.
 [63]*Radula acutiloba* Steph.
 [63]*Radula albipes* Colenso = *Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog
 [63]*Radula allisonii* Castle
 [63]*Radula aneurismalis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [63]*Radula australiana* K.Yamada
 [64]*Radula colensoi* Steph. = *Radula physoloba* Mont.
 [63]*Radula compacta* Castle
 [63]*Radula cordiloba* Taylor = *Radula javanica* Gottsche, Lindenb. & Nees
 [63]*Radula cordiloba* subsp. *erigens* M.A.M.Renner & Braggins = *Radula javanica* Gottsche, Lindenb. & Nees
 [63]*Radula cuspidata* Steph.
 [63]*Radula demissa* M.A.M.Renner
 [63]*Radula dentata* (Mitt.) Mitt. = *Radula cuspidata* Steph.

- [63] *Radula dentifolia* Grolle = *Radula cuspidata* Steph.
 [63] *Radula epiphylla* Colenso = *Radula demissa* M.A.M. Renner
 [63] *Radula erigens* (M.A.M. Renner & Braggins) M.A.M. Renner = *Radula javanica* Gottsche, Lindenb. & Nees
 [63] *Radula grandis* Steph.
 [64] *Radula helmsiana* Steph. = *Radula weymouthiana* Steph.
 [63] *Radula javanica* Gottsche, Lindenb. & Nees
 [64] *Radula knightii* Castle = *Radula plicata* Mitt.
 [64] *Radula lepida* Castle = *Radula physoloba* Mont.
 [64] *Radula levieri* Steph. = *Radula strangulata* Hook.f. & Taylor
 [64] *Radula lycopodioides* Colenso = *Radula physoloba* Mont.
 [64] *Radula marginata* Taylor ex Gottsche, Lindenb. & Nees
 [64] *Radula multiamentula* E.A. Hodgs.
 [58] *Radula nemorosa* (L.) Dumort. = *Scapania nemorosa* (L.) Dumort.
 [64] *Radula novae-hollandiae* Hampe
 [63] *Radula papulosa* Steph. = *Radula acutiloba* Steph.
 [64] *Radula parviretis* E.A. Hodgs. = *Radula strangulata* Hook.f. & Taylor
 [64] *Radula physoloba* Mont.
 [64] *Radula plicata* Mitt.
 [64] *Radula pseudoscripta* M.A.M. Renner
 [64] *Radula ratkowskiana* K. Yamada
 [64] *Radula sainsburiana* E.A. Hodgs. & Allison
 [56] *Radula* sect. *Plagiochila* Dumort. = *Plagiochila* (Dumort.) Dumort.
 [58] *Radula* sect. *Scapania* Dumort. = *Scapania* (Dumort.) Dumort.
 [64] *Radula silvosa* E.A. Hodgs. & Allison = *Radula strangulata* Hook.f. & Taylor
 [57] *Radula spinulosa* (Dicks.) Dumort. = *Plagiochila spinulosa* (Dicks.) Dumort.
 [64] *Radula splendida* M.A.M. Renner & N. Devos
 [64] *Radula strangulata* Hook.f. & Taylor
 [64] *Radula tasmanica* Steph.
 [64] *Radula tecta* Castle = *Radula weymouthiana* Steph.
 [64] *Radula tinctorummarginata* Grolle = *Radula marginata* Taylor ex Gottsche, Lindenb. & Nees
 [58] *Radula undulata* (L.) Dumort. = *Scapania undulata* (L.) Dumort.
 [64] *Radula uvifera* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [64] *Radula weymouthiana* Steph.
 [64] *Radula xanthochroma* Colenso = *Radula physoloba* Mont.
 [63] **Radulaceae** Müll. Frib.
 [67] **Reboulia** Raddi
 [67] *Reboulia hemisphaerica* (L.) Raddi
 [67] *Reboulia hemisphaerica* subsp. *australis* R.M. Schust.
 [62] *Rectolejeunea denudata* R.M. Schust. = *Lejeunea schusteri* Grolle
 [61] *Rectolejeunea ocellata* Herzog = *Cumulolejeunea ocellata* (Herzog) R.L. Zhu & L. Shu
 [61] *Rectolejeunea* subgen. *Notholejeunea* R.M. Schust. = *Cumulolejeunea* R.L. Zhu & L. Shu
 [32] **Rhabdoweisiaceae** Limpr.
 [15] **Rhacocarpaceae** Kindb.
 [15] *Rhacocarpus* Lindb.
 [15] *Rhacocarpus humboldtii* (Hook.) Lindb. = *Rhacocarpus purpurascens* (Brid.) Paris
 [15] *Rhacocarpus purpurascens* (Brid.) Paris
 [22] **Rhaphidorrhynchium** Besch. ex M. Fleisch.
 [22] *Rhaphidorrhynchium amoenum* (Hedw.) M. Fleisch.
 [22] *Rhaphidorrhynchium cerviculatum* (Hook.f. & Wilson) M. Fleisch. = *Warburgiella leucocyta* (Müll. Hal.) B.C. Tan, W.B. Schofield & H.P. Ramsay
 [22] *Rhaphidorrhynchium homomallum* (Hampe) Mitt. = *Sematophyllum homomallum* (Hampe) Broth.
 [22] *Rhaphidorrhynchium jolliffii* (Mitt.) Broth. = *Sematophyllum jolliffii* (Mitt.) Dixon
 [22] *Rhaphidorrhynchium kirkii* (Müll. Hal. ex Beckett) Broth. = *Sematophyllum kirkii* (Müll. Hal. ex Beckett) Paris
 [22] *Rhaphidorrhynchium leucocytus* (Müll. Hal.) Broth. = *Warburgiella leucocyta* (Müll. Hal.) B.C. Tan, W.B. Schofield & H.P. Ramsay
 [22] *Rhaphidorrhynchium tenuirostre* (Hook.) Mitt. = *Sematophyllum uncinatum* I.G. Stone & G.A.M. Scott
 [22] *Rhaphidostegium aciculum* Broth ex Dixon = *Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C. Tan, W.B. Schofield & H.P. Ramsay
 [22] *Rhaphidostegium acutifolium* (Hook.f. & Wilson) Dixon = *Wijkia extenuata* (Brid.) H.A. Crum
 [22] *Rhaphidostegium amoenum* (Hedw.) A. Jaeger = *Rhaphidorrhynchium amoenum* (Hedw.) M. Fleisch.
 [22] *Rhaphidostegium contiguum* (Mitt.) Paris = *Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C. Tan, W.B. Schofield & H.P. Ramsay
 [22] *Rhaphidostegium homomallum* (Hampe) Broth. = *Sematophyllum homomallum* (Hampe) Broth.
 [22] *Rhaphidostegium jolliffii* (Mitt.) A. Jaeger = *Sematophyllum jolliffii* (Mitt.) Dixon
 [22] *Rhaphidostegium kirkii* (Müll. Hal. ex Beckett) Broth. = *Sematophyllum kirkii* (Müll. Hal. ex Beckett) Paris
 [22] *Rhaphidostegium leucocyta* (Müll. Hal.) A. Jaeger = *Warburgiella leucocyta* (Müll. Hal.) B.C. Tan, W.B. Schofield & H.P. Ramsay
 [42] *Rhizocaulia* E.A. Hodgs. = *Isotachis* Mitt.
 [42] *Rhizocaulia westlandica* E.A. Hodgs. = *Isotachis westlandica* (E.A. Hodgs.) R.M. Schust.
 [26] **Rhizogoniaceae** Broth.
 [26] **Rhizogoniales** Goffinet & W.R. Buck
 [27] **Rhizogonium** Brid.
 [27] *Rhizogonium aristatum* Hampe = *Rhizogonium pennatum* Hook.f. & Wilson
 [27] *Rhizogonium bifarium* (Hook.) Schimp. = *Pyrrhobryum bifarium* (Hook.) Manuel
 [27] *Rhizogonium distichum* (Sw.) Brid.
 [26] *Rhizogonium helmsii* Müll. Hal. = *Cryptopodium bartramoides* (Hook.) Brid.
 [27] *Rhizogonium hookeri* (Müll. Hal.) Mitt. = *Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife
 [27] *Rhizogonium mnioides* (Hook.) Hook.f. & Wilson = *Pyrrhobryum mnioides* (Hook.) Manuel
 [27] *Rhizogonium mnioides* var. *contortum* Hook.f. & Wilson = *Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife
 [27] *Rhizogonium mossmanianum* (Müll. Hal.) A. Jaeger = *Pyrrhobryum mnioides* subsp. *contortum* (Hook.f. & Wilson) Fife
 [27] *Rhizogonium novae-hollandiae* (Brid.) Brid.

- [27]*Rhizogonium paramattense* (Müll.Hal.) Reichardt = *Pyrrhobryum paramattense* (Müll.Hal.) Manuel
 [27]*Rhizogonium pennatum* Hook.f. & Wilson
 [27]*Rhizogonium pennatum* var. *aristatum* (Hampe) Dixon = *Rhizogonium pennatum* Hook.f. & Wilson
 [27]*Rhizogonium sinuatum* Müll.Hal. = *Rhizogonium pennatum* Hook.f. & Wilson
 [14]*Rhodobryum subtomentosum* Hampe = *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 []*Rhopalanthus* Lindb. = *Haplomitriaceae* Dèdeček
 [19]*Rhynchostegiella cucullata* (Mitt.) Paris = *Scorpiurium cucullatum* (Mitt.) Hedenäs
 [18]*Rhynchostegiella muriculata* (Hook.f. & Wilson) Broth. = *Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [18]*Rhynchostegiella novae-zealandiae* Dixon = *Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [18]*Rhynchostegium Schimp.*
 [19]*Rhynchostegium cucullatum* (Mitt.) Mitt. = *Scorpiurium cucullatum* (Mitt.) Hedenäs
 [18]*Rhynchostegium cylindritheca* Dixon = *Eriodon cylindritheca* (Dixon) Dixon & Sainsbury
 [18]*Rhynchostegium laxatum* (Mitt.) Paris
 [18]*Rhynchostegium muriculatum* (Hook.f. & Wilson) Reichardt
 [18]*Rhynchostegium peracuminatum* Dixon & Sainsbury = *Rhynchostegium laxatum* (Mitt.) Paris
 [18]*Rhynchostegium tenuifolium* (Hedw.) Reichardt
 [19]*Rhytidiadelphus* (Limpr.) Warnst.
 [19]*Rhytidiadelphus squarrosus* (Hedw.) Warnst.
 [19]*Rhytidiadelphus triquetrus* (Hedw.) Warnst.
 [64]*Riccardia* Gray
 [64]*Riccardia aequicellularis* (Steph.) Hewson
 [64]*Riccardia aequitexta* (Steph.) E.A.Br.
 [64]*Riccardia alba* (Colenso) E.A.Br.
 [64]*Riccardia alpicornis* (Hook.f. & Taylor) Trevis.
 [64]*Riccardia asperulata* R.M.Schust.
 [65]*Riccardia australis* (Hook.f. & Lévl.) E.A.Br. = *Riccardia filicina* (Colenso) E.A.Hodgs.
 [64]*Riccardia bipinnatifida* (Colenso) Hewson
 [64]*Riccardia bistrata* Pearson = *Riccardia bipinnatifida* (Colenso) Hewson
 [64]*Riccardia breviala* E.A.Br.
 [64]*Riccardia cochleata* (Hook.f. & Taylor) Kuntze
 [64]*Riccardia colensoi* (Steph.) W.Martin
 [64]*Riccardia crassa* (Schwägr.) C.Massal.
 [64]*Riccardia crispa* (Colenso) E.A.Hodgs. = *Riccardia alba* (Colenso) E.A.Br.
 [64]*Riccardia effusa* (Steph.) E.A.Hodgs. = *Riccardia aequitexta* (Steph.) E.A.Br.
 [65]*Riccardia eriocaula* (Hook.) C.Massal.
 [65]*Riccardia exilis* E.A.Br.
 [65]*Riccardia filicina* (Colenso) E.A.Hodgs.
 [65]*Riccardia furtiva* E.A.Br. & Braggins
 [65]*Riccardia intercellula* E.A.Br.
 [64]*Riccardia lobata* Schiffn. = *Lobatiriccardia coronopus* (De Not. ex Steph.) Furuki
 [65]*Riccardia lobulata* (Colenso) E.A.Hodgs.
 [65]*Riccardia marginata* (Colenso) Pearson
 [65]*Riccardia minima* Carrington & Pearson = *Riccardia lobulata* (Colenso) E.A.Hodgs.
 [65]*Riccardia multicorpora* E.A.Br.
 [65]*Riccardia muscoides* (Colenso) E.A.Hodgs. = *Riccardia marginata* (Colenso) Pearson
 [65]*Riccardia nitida* (Colenso) E.A.Hodgs.
 [65]*Riccardia papulosa* (Steph.) E.A.Br.
 [65]*Riccardia pennata* E.A.Br.
 [65]*Riccardia perpusilla* (Colenso) E.A.Hodgs. = *Riccardia lobulata* (Colenso) E.A.Hodgs.
 [65]*Riccardia perspicua* E.A.Br.
 [64]*Riccardia pinguis* (L.) Gray = *Aneura pinguis* (L.) Dumort.
 [65]*Riccardia pseudodendroceros* R.M.Schust.
 [65]*Riccardia pusilla* (Steph.) E.A.Br.
 [64]*Riccardia* subgen. *Lobatiriccardia* Mizut. & S.Hatt. = *Lobatiriccardia* (Mizut. & S.Hatt.) Furuki
 [65]*Riccardia umida* E.A.Br.
 [64]*Riccardia vitiensis* (Steph.) E.O.Campb. = *Riccardia alba* (Colenso) E.A.Br.
 [67]*Riccia* L.
 [67]*Riccia bifurca* Hoffm.
 [67]*Riccia bullosa* Link
 [67]*Riccia bullosa* var. *vesiculosa* Carrington & Pearson = *Riccia sorocarpa* Bisch.
 [67]*Riccia cartilaginosa* Steph.
 [67]*Riccia cavernosa* Hoffm.
 [67]*Riccia ciliata* Hoffm.
 [64]*Riccia cochleata* Hook.f. & Taylor = *Riccardia cochleata* (Hook.f. & Taylor) Kuntze
 [67]*Riccia crozalsii* Levier
 [67]*Riccia crystallina* L.
 [67]*Riccia fluitans* L.
 [67]*Riccia glauca* L.
 [67]*Riccia marginata* Carrington & Pearson = *Riccia cartilaginosa* Steph.
 [67]*Riccia natans* L. = *Ricciocarpos natans* (L.) Corda
 [67]*Riccia nigrella* DC.
 [67]*Riccia rorida* Na-Thalang
 [67]*Riccia sorocarpa* Bisch.
 [67]*Riccia spongiosula* Na-Thalang
 [67]*Riccia vesiculosa* (Carrington & Pearson) Steph. = *Riccia sorocarpa* Bisch.
 [67]*Ricciaceae* Rchb.
 [67]*Ricciocarpos* Corda
 [67]*Ricciocarpos natans* (L.) Corda
 [41]*Roivainenia* Perss. = *Syzygiella* Spruce

- [14] *Rosulabryum* J.R.Spence
 [14] *Rosulabryum billardierei* (Schwägr.) J.R.Spence
 [14] *Rosulabryum campylothecium* (Taylor) J.R.Spence
 [14] *Rosulabryum capillare* (Hedw.) J.R.Spence
 [14] *Rosulabryum microrhodon* (Müll.Hal.) J.R.Spence
 [14] *Rosulabryum perlimbatum* J.R.Spence & H.P.Ramsay = *Rosulabryum perlimbatum* (Cardot) Ochyra
 [14] *Rosulabryum perlimbatum* (Cardot) Ochyra
 [14] *Rosulabryum rubens* (Mitt.) J.R.Spence = *Bryum rubens* Mitt.
 [14] *Rosulabryum subtomentosum* (Hampe) J.R.Spence
 [41] *Saccogyna australis* Mitt. = *Saccogynidium australe* (Mitt.) Grolle
 [53] *Saccogyna trilobata* Steph. = *Heteroscyphus knightii* (Steph.) Grolle
 [41] *Saccogynidium* Grolle
 [41] *Saccogynidium australe* (Mitt.) Grolle
 [41] *Saccogynidium decurvum* (Mitt.) Grolle
 [30] *Saelania* Lindb.
 [30] *Saelania glaucescens* (Hedw.) Bom. & Broth.
 [32] *Sainsburia novae-zealandiae* Dixon = *Fissidens taylorii* var. *sainsburianus* J.E.Beever
 [17] *Sanionia* Loeske
 [17] *Sanionia uncinata* (Hedw.) Loeske
 [45] *Sarcocyphos* Corda = *Marsupella* Dumort.
 [55] *Sarcocyphos perigonalis* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Andrewsianthus perigonalis* (Hook.f. & Taylor) R.M.Schust.
 [45] *Sarcocyphos sparsifolius* Lindb. = *Marsupella sparsifolia* (Lindb.) Dumort.
 [45] *Sarcocyphos sprucei* Limpr. = *Marsupella sprucei* (Limpr.) Bernet
 [18] *Sarmentypnum sarmentosum* (Wahlenb.) Tuom. & T.J.Kop. = *Warnstorfia sarmentosa* (Wahlenb.) Hedenäs
 [17] *Sauloma* (Hook.f. & Wilson) Mitt.
 [17] *Sauloma macrospora* Sainsbury = *Sauloma tenella* (Hook.f. & Wilson) Mitt.
 [17] *Sauloma tenella* (Hook.f. & Wilson) Mitt.
 [17] *Saulomataceae* W.R.Buck, C.J.Cox, A.J.Shaw & Goffinet
 [40] *Scalia* Spruce = *Haplomitrium* Nees
 [39] *Scalius* Gray = *Haplomitrium* Nees
 [58] *Scapania* (Dumort.) Dumort.
 [55] *Scapania exsecta* (Schmidel ex Schrad.) Austin = *Tritomaria exsecta* (Schmidel ex Schrad.) Loeske
 [58] *Scapania nemorosa* (L.) Dumort.
 [40] *Scapania surculosa* Nees = *Acrobolbus surculosus* (Nees) Trevis.
 [58] *Scapania undulata* (L.) Dumort.
 [42] *Scapania vertebralis* Taylor ex Gottsche, Lindenb. & Nees = *Blepharidophyllum vertebrale* (Taylor ex Gottsche, Lindenb. & Nees) Angstr. ex C.Massal.
 [57] *Scapaniaceae* Mig.
 [45] *Schisma alpinum* Steph. = *Herbertus oldfieldianus* (Steph.) Rodway
 [45] *Schisma oldfieldianum* Steph. = *Herbertus oldfieldianus* (Steph.) Rodway
 [33] *Schistidium* Brid.
 [33] *Schistidium apocarpum* (Hedw.) Bruch & Schimp.
 [33] *Schistidium aquaticum* Ochyra = *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
 [30] *Schistidium pulchellum* Hook.f. & Wilson = *Ecchremidium pulchellum* (Hook.f. & Wilson) Müll.Hal.
 [33] *Schistidium rivulare* (Brid.) Podp.
 [33] *Schistidium rivulare* (Brid.) Podp. var. *rivulare*
 [33] *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
 [33] *Schistidium subflexifolium* (Müll.Hal.) Ochyra = *Schistidium rivulare* var. *subflexifolium* (Müll.Hal.) Fife
 [58] *Schistochila* Dumort.
 [58] *Schistochila altissima* E.A.Hodgs. = *Pachyschistochila altissima* (E.A.Hodgs.) R.M.Schust. & J.J.Engel
 [58] *Schistochila appendiculata* (Hook.) Dumort. ex Trevis.
 [58] *Schistochila balfouriana* (Hook.f. & Taylor) Steph.
 [58] *Schistochila berggrenii* (J.J.Engel & R.M.Schust.) Xiao L.He & Glenny = *Pachyschistochila berggrenii* J.J.Engel & R.M.Schust.
 [58] *Schistochila childi* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny = *Pachyschistochila childii* R.M.Schust. & J.J.Engel
 [58] *Schistochila chlorophylla* (Colenso) J.J.Engel & R.M.Schust.
 [58] *Schistochila ciliata* (Mitt.) Steph.
 [58] *Schistochila colensoana* Steph. = *Pachyschistochila colensoana* (Steph.) R.M.Schust. & J.J.Engel
 [58] *Schistochila conchophylla* E.A.Hodgs. & Allison = *Gottschea conchophylla* (E.A.Hodgs. & Allison) Grolle & Zijlstra
 [58] *Schistochila glaucescens* (Hook.) A.Evans
 [59] *Schistochila kirkiana* Steph.
 [58] *Schistochila latiloba* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny = *Pachyschistochila latiloba* R.M.Schust. & J.J.Engel
 [59] *Schistochila lehmanniana* (Lehm. & Lindenb.) Carrington & Pearson
 [59] *Schistochila monticola* R.M.Schust.
 [59] *Schistochila muricata* E.A.Hodgs. & Allison
 [59] *Schistochila nitidissima* R.M.Schust.
 [58] *Schistochila nivicola* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny = *Pachyschistochila nivicola* R.M.Schust. & J.J.Engel
 [59] *Schistochila nobilis* (Hook.) Trevis.
 [58] *Schistochila papillifera* R.M.Schust. = *Pachyschistochila papillifera* (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] *Schistochila parvistipula* Rodway = *Pachyschistochila parvistipula* (Rodway) R.M.Schust. & J.J.Engel
 [59] *Schistochila pellucida* R.M.Schust. & J.J.Engel
 [58] *Schistochila pinnatifolia* (Hook.) Trevis = *Gottschea pinnatifolia* (Hook.) Nees
 [59] *Schistochila pluriciliata* R.M.Schust. & J.J.Engel
 [59] *Schistochila pseudociliata* R.M.Schust.
 [58] *Schistochila pseudokirkiana* R.M.Schust. = *Pachyschistochila colensoana* (Steph.) R.M.Schust. & J.J.Engel
 [58] *Schistochila pusilla* E.A.Hodgs. = *Pachyschistochila papillifera* (R.M.Schust.) R.M.Schust. & J.J.Engel
 [59] *Schistochila repleta* (Hook.f. & Taylor) Steph.
 [58] *Schistochila ruahinensis* E.A.Hodgs. = *Pachyschistochila papillifera* (R.M.Schust.) R.M.Schust. & J.J.Engel
 [58] *Schistochila* subgen. *Pachyschistochila* R.M.Schust. = *Pachyschistochila* (R.M.Schust.) R.M.Schust. & J.J.Engel

- [58] *Schistochila subhyalina* R.M.Schust. = ***Pachyschistochila subhyalina* (R.M.Schust.) R.M.Schust. & J.J.Engel**
 [58] *Schistochila subhyalina* var. *grandidentata* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny = ***Pachyschistochila subhyalina* var. *grandidentata* J.J.Engel & R.M.Schust.**
- [58] *Schistochila succulenta* (R.M.Schust. & J.J.Engel) Xiao L.He & Glenny = ***Pachyschistochila succulenta* J.J.Engel & R.M.Schust.**
 [58] *Schistochila trispiralis* R.M.Schust. = ***Pachyschistochila trispiralis* (R.M.Schust.) R.M.Schust. & J.J.Engel**
 [58] *Schistochila unguicularis* (Hook.f. & Taylor) Steph. = ***Schistochila balfouriana* (Hook.f. & Taylor) Steph.**
 [58] *Schistochila virescens* R.M.Schust. = ***Pachyschistochila virescens* (R.M.Schust.) R.M.Schust. & J.J.Engel**
- [58] **Schistochilaceae H.Buch**
 [42] **Schizophyllopsis Váňa & L.Söderstr.**
 [42] ***Schizophyllopsis papillosa* (J.J.Engel & Braggins) Váňa & L.Söderstr.**
 [42] *Schizophyllum* (R.M.Schust.) Váňa & L.Söderstr. = ***Schizophyllopsis Váňa & L.Söderstr.***
 [42] *Schizophyllum papillosum* (J.J.Engel & Braggins) Váňa & L.Söderstr. = ***Schizophyllopsis papillosa* (J.J.Engel & Braggins) Váňa & L.Söderstr.**
- [14] *Schizymerium* Harv. = ***Mielichhoferia* Nees & Hornsch.**
 [14] *Schizymerium bryoides* Harv. = ***Mielichhoferia bryoides* (Harv.) Wijk & Margad.**
- [25] **Schlotheimia Brid.**
 [25] ***Schlotheimia campbelliana* Müll.Hal.**
 [25] ***Schlotheimia knightii* Müll.Hal.**
- [60] *Schusterella australis* (R.M.Schust.) S.Hatt., Sharp & Mizut. = ***Frullania rostrata* (Hook.f. & Taylor) Hook.f. & Taylor**
 [60] *Schusterella rostrata* (R.M.Schust.) S.Hatt., Sharp & Mizut. = ***Frullania hodgsoniae* von Konrat, Braggins, Hentschel & Heinrichs**
- [23] ***Sciadocladus* Lindb. ex Kindb.**
 [23] ***Sciadocladus kerrii* (Mitt.) Broth.**
 [23] ***Sciadocladus menziesii* (Hook.) Broth.**
- [17] *Sciaromium bellii* Broth. = ***Cratoneuropsis relaxa* (Hook.f. & Wilson) M.Fleisch.**
 [29] **Sclerodontium Schwägr.**
 [29] ***Sclerodontium pallidum* (Hook.) Schwägr.**
 [30] ***Sclerodontium pallidum* (Hook.) Schwägr. subsp. *pallidum***
- [18] **Scleropodium Schimp.**
 [18] *Scleropodium purum* (Hedw.) Limpr. = ***Pseudoscleropodium purum* (Hedw.) M.Fleisch.**
 [18] *Scleropodium* sect. *Pseudoscleropodium* Limpr. = ***Pseudoscleropodium* (Limpr.) M.Fleisch.**
 [18] ***Scleropodium touretii* (Brid.) L.F.Koch**
 [17] **Scorpidium (Schimp.) Limpr.**
 [17] ***Scorpidium cossonii* (Schimp.) Hedenäs**
- [19] **Scorpiurium Schimp.**
 [19] ***Scorpiurium cucullatum* (Mitt.) Hedenäs**
- [37] **Scouleriaceae S.P.Churchill**
 [37] **Scouleriales Goffinet & W.R.Buck**
- [33] **Seligeria Bruch & Schimp.**
 [33] ***Seligeria cardotii* R.Br.bis**
 [33] ***Seligeria diminuta* (R.Br.bis) Dixon**
 [33] **Seligeriaceae Schimp.**
- [22] **Sematophyllaceae Broth.**
 [22] **Sematophyllum Mitt.**
 [22] *Sematophyllum aciculum* (Broth. ex Dixon) Dixon = ***Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- [22] *Sematophyllum amoenum* (Hedw.) Mitt. = ***Rhaphidorrhynchium amoenum* (Hedw.) M.Fleisch.**
 [22] *Sematophyllum contiguum* (Mitt.) Mitt. = ***Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
- [22] ***Sematophyllum fiordensis* Fife**
 [22] ***Sematophyllum homomallum* (Hampe) Broth.**
 [22] ***Sematophyllum jolliffii* (Mitt.) Dixon**
 [22] ***Sematophyllum kirkii* (Müll.Hal. ex Beckett) Paris**
 [22] *Sematophyllum leucocytus* (Müll.Hal.) Sainsbury = ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
 [22] *Sematophyllum macrosporum* Dixon & Sainsbury = ***Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
 [22] ***Sematophyllum subhumile* (Müll.Hal.) M.Fleisch.**
 [22] ***Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay**
 [22] *Sematophyllum tenuirostre* (Hook.) Dixon = ***Sematophyllum uncinatum* I.G.Stone & G.A.M.Scott**
 [22] ***Sematophyllum uncinatum* I.G.Stone & G.A.M.Scott**
- [45] *Sendtnera attenuata* Mitt. = ***Lepicolea attenuata* (Mitt.) Steph.**
 [45] *Sendtnera quadrifida* Colenso = ***Lepicolea attenuata* (Mitt.) Steph.**
 [45] *Sendtnera scolopendra* (Hook.) Nees = ***Lepicolea scolopendra* (Hook.) Trevis.**
 [48] *Sendtnera spinosissima* Hook.f. & Taylor = ***Lepidozia spinosissima* (Hook.f. & Taylor) Mitt.**
- [66] **Seppeltia Grolle**
 [66] ***Seppeltia succuba* Grolle**
- [63] **Siphonolejeunea Herzog**
 [63] ***Siphonolejeunea bidentata* (B.M.Thiers) M.A.M.Renner**
 [63] ***Siphonolejeunea carcharias* (M.A.M.Renner) M.A.M.Renner**
 [63] ***Siphonolejeunea conchophylla* (Grolle) M.A.M.Renner**
 [63] ***Siphonolejeunea fragilis* (R.M.Schust.) M.A.M.Renner**
 [63] ***Siphonolejeunea hamata* (Grolle) M.A.M.Renner**
 [63] ***Siphonolejeunea hispida* (R.M.Schust.) M.A.M.Renner**
 [63] ***Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog**
 [63] ***Siphonolejeunea nudipes* var. *magnicarinata* E.A.Hodgs.**
 [63] ***Siphonolejeunea nudipes* (Hook.f. & Taylor) Herzog var. *nudipes***
 [63] ***Siphonolejeunea olgae* R.M.Schust.**
 [63] ***Siphonolejeunea papillosa* (Glenny) M.A.M.Renner**
 [63] ***Siphonolejeunea raharahanehemiae* de Lange & M.A.M.Renner**
 [63] ***Siphonolejeunea secunda* (M.A.M.Renner) M.A.M.Renner**

- [59]**Solenostoma** Mitt.
 [59]*Solenostoma brevissima* Pearson = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [59]*Solenostoma contexta* Steph. = *Solenostoma orbiculatum* (Colenso) R.M.Schust.
 [59]**Solenostoma cryptogynum** J.J.Engel
 [59]*Solenostoma cryptogynum* R.M.Schust. = *Solenostoma cryptogynum* J.J.Engel
 [59]**Solenostoma hodgsoniae** (Grolle) J.J.Engel
 [59]*Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [59]*Solenostoma novazelandiae* R.M.Schust.
 [59]*Solenostoma orbiculatum* (Colenso) R.M.Schust.
 [59]*Solenostoma patellata* (Berggr.) Steph. = *Solenostoma inundatum* (Hook.f. & Taylor) Mitt. ex Steph.
 [59]*Solenostoma rufiflorum* (Colenso) J.J.Engel
 [59]*Solenostoma totipapillosum* (E.A.Hodgs.) R.M.Schust.
 [59]**Solenostomataceae** Stotler & Crand.-Stotl.
 [39]**Sphagnaceae** Dumort.
 [39]**Sphagnales** Limpr.
 [39]**Sphagnopsida** Ochyra
 [39]**Sphagnum** L.
 [39]*Sphagnum antarcticum* Mitt. = *Sphagnum australe* Mitt.
 [39]**Sphagnum australe** Mitt.
 [39]**Sphagnum compactum** DC.
 [39]*Sphagnum compactum* var. *ovatum* Hook.f. & Wilson = *Sphagnum australe* Mitt.
 [39]**Sphagnum cristatum** Hampe
 [39]*Sphagnum elegans* Müll.Hal. = *Sphagnum falcatulum* Besch.
 [39]*Sphagnum erosum* Warnst. = *Sphagnum australe* Mitt.
 [39]**Sphagnum falcatulum** Besch.
 [39]*Sphagnum irritans* Warnst. = *Sphagnum falcatulum* Besch.
 [32]*Sphagnum javense* Brid. = *Leucobryum javense* (Brid.) Mitt.
 [39]*Sphagnum leionotum* Müll.Hal. = *Sphagnum cristatum* Hampe
 [39]**Sphagnum novo-zelandicum** Mitt.
 [39]**Sphagnum perichaetiale** Hampe
 [39]*Sphagnum pseudorufescens* Warnst. = *Sphagnum novo-zelandicum* Mitt.
 [39]*Sphagnum setchellii* Warnst. = *Sphagnum falcatulum* Besch.
 [39]**Sphagnum simplex** Fife
 [39]**Sphagnum squarrosum** Crome
 [39]**Sphagnum subnitens** Russow & Warnst.
 [55]*Sphenolobus exsecta* (Schmidel ex Schrad.) Steph. = *Tritomaria exsecta* (Schmidel ex Schrad.) Loeske
 [43]*Sphenolobus nigrus* Rodway = *Allisoniella nigra* (Rodway) R.M.Schust.
 [40]*Sphenolobus ochrophyllus* Steph. = *Acrobolbus ochrophyllus* (Hook.f. & Taylor) R.M.Schust.
 [27]**Splachnaceae** Grev. & Arn.
 [27]**Splachnales** Ochyra
 [27]*Splachnum callophyllum* (Müll.Hal.) Hook.f. & Wilson = *Tayloria callophylla* (Müll.Hal.) Mitt.
 [27]*Splachnum octoblepharum* Hook. = *Tayloria octoblepharum* (Hook.) Mitt.
 [27]*Splachnum octoblepharum* var. *major* Hook.f. & Wilson = *Tayloria octoblepharum* (Hook.) Mitt.
 [27]*Splachnum octoblepharum* var. *pyriforme* Hook.f. & Wilson = *Tayloria octoblepharum* (Hook.) Mitt.
 [27]*Splachnum plagiopus* Mont. = *Tayloria octoblepharum* (Hook.) Mitt.
 [27]*Splachnum purpurascens* Hook.f. & Wilson = *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
 [27]*Splachnum purpurascens* var. *minor* Hook.f. & Wilson = *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
 [30]*Sporledera minutissima* (Dixon & Sainsbury) Sainsbury = *Eccremidium minutum* (Mitt.) I.G.Stone & G.A.M.Scott
 [29]*Sprucea perichaetialis* (Hook.) Hook.f. & Wilson = *Holomitrium perichaetiale* (Hook.) Brid.
 [63]**Spruceanthus** Verd.
 [63]*Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [63]*Spruceanthus planiuscula* (Mitt.) X.Q.Shi, R.L.Zhu & Gradst.
 [40]*Stereomitrium* E.O.Campb. = *Haplomitrium* Nees
 [40]*Stereomitrium minutum* E.O.Campb. = *Haplomitrium minutum* (E.O.Campb.) J.J.Engel & R.M.Schust.
 [62]*Stenolejeunea acuminata* R.M.Schust. = *Lejeunea hawaikiana* M.A.M.Renner & de Lange
 [20]*Stereodon angustatus* Mitt. = *Camptochaete angustata* (Mitt.) Reichardt
 [20]*Stereodon arbuscula* (Sm.) Mitt. = *Camptochaete arbuscula* (Sm.) Reichardt
 [20]*Stereodon chrysogaster* (Müll.Hal.) Mitt. = *Hypnum chrysogaster* Müll.Hal.
 [21]*Stereodon cochlearifolius* (Schwägr.) Mitt. = *Weymouthia cochlearifolia* (Schwägr.) Dixon
 [22]*Stereodon contiguus* Mitt. = *Sematophyllum subhumile* var. *contiguum* (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay
 [20]*Stereodon deflexus* (Wilson) Mitt. = *Camptochaete deflexa* (Wilson) A.Jaeger
 [20]*Stereodon distichaceus* Mitt. = *Pseudotaxiphyllum distichaceum* (Mitt.) Z.Iwats.
 [20]*Stereodon gracilis* (Hook.f. & Wilson) Mitt. = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [22]*Stereodon jolliffii* Mitt. = *Sematophyllum jolliffii* (Mitt.) Dixon
 [20]*Stereodon maculosis* Dixon = *Camptochaete pulvinata* (Hook.f. & Wilson) A.Jaeger
 [21]*Stereodon mollis* (Hedw.) Müllt. = *Weymouthia mollis* (Hedw.) Broth.
 [17]*Stereodon richardsonii* Mitt. = *Calliergon richardsonii* (Mitt.) Kindb. ex G.Roth
 [28]*Stirtonia mackayi* R.Br.bis = *Trematodon mackayi* (R.Br.bis) Broth.
 [18]*Stokesiella praelonga* (Hedw.) H.Rob. = *Eurhynchium praelongum* (Hedw.) Schimp.
 [55]**Stolonivector** J.J.Engel
 [55]*Stolonivector clasmatocoleoides* J.J.Engel
 [55]*Stolonivector echioides* Frogley & Glenny
 [55]*Stolonivector fiordlandiae* (E.A.Hodgs.) J.J.Engel
 [55]*Stolonivector fiordlandiae* (E.A.Hodgs.) J.J.Engel var. *fiordlandiae*
 [55]*Stolonivector fiordlandiae* var. *nodulosus* J.J.Engel
 [55]*Stolonivector obtusilobus* J.J.Engel
 [55]*Stolonivector waipouensis* J.J.Engel
 [52]*Stolonophora* J.J.Engel & R.M.Schust. = *Hepatostolonophora* J.J.Engel & R.M.Schust.

- [53] *Stolonophora perssonii* (R.M.Schust.) J.J.Engel & R.M.Schust. = *Hepatostolonophora rotata* var. *perssonii* (R.M.Schust.) J.J.Engel
- [17] **Straminergon Hedenäs**
- [17] *Straminergon stramineum* (Brid.) Hedenäs
- [61] *Strepsilejeunea campbelliensis* Steph. = *Cheilolejeunea campbelliensis* (Steph.) R.M.Schust.
- [61] *Strepsilejeunea curnowii* Steph. = *Cheilolejeunea hamlinii* Grolle
- [61] *Strepsilejeunea tereticalyx* Herzog = *Cheilolejeunea comitans* (Hook.f. & Taylor) R.M.Schust.
- [34] *Streptopogon hookeri* R.Br.bis = *Calyptopogon mnioides* (Schwägr.) Broth.
- [34] *Streptopogon* sect. *Calyptopogon* Mitt. = *Calyptopogon* (Mitt.) Broth.
- [29] *Symblepharis perichaetialis* (Brid.) Hook.f. & Wilson = *Holomitrium perichaetiale* (Hook.) Brid.
- [29] *Symblepharis pumila* Mitt. = *Kiaeria pumila* (Mitt.) Ochyra
- [66] **Symphyogyna Nees & Mont.**
- [66] *Symphyogyna connivens* Colenso = *Jensenia connivens* (Colenso) Grolle
- [66] *Symphyogyna hymenophyllum* (Hook.) Mont. & Nees
- [66] *Symphyogyna prolifera* Colenso
- [66] *Symphyogyna pseudoterebellata* E.A.Hodgs. & Herzog = *Symphyogyna undulata* Colenso
- [66] *Symphyogyna subsimplex* Mitt.
- [66] *Symphyogyna tenuinervis* (Hook.f. & Taylor) Grolle = *Pallavicinia tenuinervis* (Hook.f. & Taylor) Trevis.
- [66] *Symphyogyna undulata* Colenso
- [41] *Symphyomitra* Spruce = *Lethocolea* Mitt.
- [59] *Symphyomitra grandifolia* (Berggr.) Steph. = *Solenostoma hodgsoniae* (Grolle) J.J.Engel
- [22] **Symphysodontella M.Fleisch.**
- [22] *Symphysodontella cylindracea* (Mont.) M.Fleisch.
- [36] **Syntrichia Brid.**
- [36] *Syntrichia anderssonii* (Ångstr.) R.H.Zander
- [36] *Syntrichia antarctica* (Hampe) R.H.Zander
- [36] *Syntrichia brevisetacea* (Hampe ex F.Muell.) R.H.Zander = *Syntrichia papillosa* (Wilson ex Spruce) Jur.
- [36] *Syntrichia laevipila* Brid.
- [36] *Syntrichia lithophila* (Dusén) Ochyra & R.H. Zander
- [36] *Syntrichia pagorum* (Milde) J.J.Amann = *Syntrichia laevipila* Brid.
- [36] *Syntrichia papillosa* (Wilson ex Spruce) Jur.
- [36] *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander
- [36] *Syntrichia rubra* (Mitt.) R.H.Zander
- [36] *Syntrichia rubra* var. *subantarctica* (Sainsbury) R.H.Zander = *Syntrichia rubra* (Mitt.) R.H.Zander
- [36] *Syntrichia ruralis* (Hedw.) F.Weber & D.Mohr
- [36] *Syntrichia serrata* (Dixon) R.H.Zander
- [28] **Syrhopodon Schwägr.**
- [28] *Syrhopodon armatus* Mitt.
- [34] *Syrhopodon dubius* Schwägr. = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
- [28] *Syrhopodon fimbriatulus* Müll.Hal. = *Syrhopodon armatus* Mitt.
- [28] *Syrhopodon tahitensis* Sull. = *Calymperes tahitense* (Sull.) Mitt.
- [41] **Syzygiella Spruce**
- [41] *Syzygiella acinacifolia* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella colorata* (Lehm.) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella nigrescens* (Steph.) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella pseudocclusa* (E.A.Hodgs.) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella sonderi* (Gottsche) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella tasmanica* (Hook.f. & Taylor) K.Feldberg, Váňa, Hentschel & Heinrichs
- [41] *Syzygiella teres* (Carrington & Pearson) Váňa
- [56] *Syzygiella viridonigra* E.A.Hodgs. = *Plagiochila hartziana* Pearson
- [67] **Targionia L.**
- [67] *Targionia hypophylla* L.
- [67] *Targionia lorbeeriana* Müll.Frib. = *Targionia hypophylla* L.
- [67] **Targioniaceae Dumort.**
- [62] *Taxilejeunea colensoana* Steph. = *Lejeunea colensoana* (Steph.) M.A.M.Renner
- [62] *Taxilejeunea gracilipes* (Taylor) Steph. = *Lejeunea gracilipes* (Taylor) Spruce
- [20] *Taxithelium novae-zealandiae* E.B.Bartram & Dixon = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
- [22] *Taxithelium polystichum* (Mitt.) A.Jaeger = *Wijkia extenuata* (Brid.) H.A.Crum
- [27] **Tayloria Hook.**
- [27] *Tayloria callophylla* (Müll.Hal.) Mitt.
- [38] *Tayloria maidenii* Broth. = *Entosthodon laxus* (Hook.f. & Wilson) Mitt.
- [27] *Tayloria octoblepharum* (Hook.) Mitt.
- [27] *Tayloria octoblepharum* var. *major* (Hook.f. & Wilson) Watts & Whitel. = *Tayloria octoblepharum* (Hook.) Mitt.
- [27] *Tayloria purpurascens* (Hook.f. & Wilson) Broth.
- [27] *Tayloria tasmanica* (Hampe) Broth.
- [50] **Telaranea Schiffn.**
- [50] *Telaranea* Spruce = *Telaranea* Schiffn.
- [49] *Telaranea corticola* (Steph.) E.A.Hodgs. = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
- [47] *Telaranea dispar* (Mont. ex Taylor & Hook.f.) E.A.Hodgs. = *Kurzia hippuroides* (Hook.f. & Taylor) Grolle
- [47] *Telaranea elegans* (Colenso) J.J.Engel & G.L.Merr. = *Ceramanus elegans* (Colenso) E.D.Cooper
- [50] *Telaranea exigua* R.M.Schust. = *Telaranea herzogii* (E.A.Hodgs.) E.A.Hodgs.
- [47] *Telaranea fragillifolia* (R.M.Schust.) J.J.Engel & G.L.Merr. = *Kurzia fragillifolia* R.M.Schust.
- [47] *Telaranea fragilis* J.J.Engel & G.L.Merr. = *Ceramanus perfragilis* (J.J.Engel & G.L.Merr.) E.D.Cooper
- [49] *Telaranea gibbsiana* (Steph.) E.A.Hodgs. = *Neolepidozia gibbsiana* (Steph.) E.D.Cooper
- [49] *Telaranea gottscheana* (Lindenb.) E.A.Hodgs. = *Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper
- [50] *Telaranea granulata* J.J.Engel & G.L.Merr.
- [50] *Telaranea herzogii* (E.A.Hodgs.) E.A.Hodgs.
- [49] *Telaranea hodgsoniae* J.J.Engel & G.L.Merr. = *Neolepidozia hodgsoniae* (J.J.Engel & G.L.Merr.) E.D.Cooper
- [50] *Telaranea inaequalis* R.M.Schust. ex J.J.Engel & G.L.Merr.

- [50] *Telaranea inaequalis* R.M.Schust. = ***Telaranea inaequalis* R.M.Schust. ex J.J.Engel & G.L.Merr.**
- [50] *Telaranea lindenberghii* (Gottsche) J.J.Engel & G.L.Merr. = ***Tricholepidozia lindenberghii* (Gottsche) E.D.Cooper**
- [50] *Telaranea lindenberghii* var. *complanata* J.J.Engel & G.L.Merr. = ***Tricholepidozia lindenberghii* var. *complanata* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [50] *Telaranea lindenberghii* (Gottsche) J.J.Engel & G.L.Merr. var. *lindenberghii* = ***Tricholepidozia lindenberghii* (Gottsche) E.D.Cooper var. *lindenberghii***
- [50] *Telaranea lindenberghii* var. *mellea* J.J.Engel & G.L.Merr. = ***Tricholepidozia lindenberghii* var. *mellea* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [50] *Telaranea lindenberghii* var. *papillata* J.J.Engel & G.L.Merr. = ***Tricholepidozia lindenberghii* var. *papillata* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [50] *Telaranea longii* Paton = ***Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper**
- [50] *Telaranea martinii* (E.A.Hodgs.) R.M.Schust. = ***Tricholepidozia martinii* (E.A.Hodgs.) E.D.Cooper**
- [49] *Telaranea meridiana* (E.A.Hodgs.) E.A.Hodgs. = ***Neolepidozia meridiana* (E.A.Hodgs.) E.D.Cooper**
- [47] *Telaranea nivicola* R.M.Schust. = ***Kurzia nivicola* (R.M.Schust.) E.D.Cooper**
- [47] *Telaranea pallescens* (Grolle) J.J.Engel & G.L.Merr. = ***Kurzia pallescens* Grolle**
- [49] *Telaranea paludicola* (E.A.Hodgs.) E.A.Hodgs. = ***Neolepidozia paludicola* (E.A.Hodgs.) E.D.Cooper**
- [49] *Telaranea patentissima* (Hook.f. & Taylor) E.A.Hodgs. = ***Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper**
- [49] *Telaranea patentissima* var. *ampliata* J.J.Engel & G.L.Merr. = ***Neolepidozia patentissima* var. *ampliata* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [49] *Telaranea patentissima* (Hook.f. & Taylor) E.A.Hodgs. var. *patentissima* = ***Neolepidozia patentissima* (Hook.f. & Taylor) E.D.Cooper var. *patentissima***
- [49] *Telaranea patentissima* var. *zebrina* J.J.Engel & G.L.Merr. = ***Neolepidozia patentissima* var. *zebrina* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [49] *Telaranea pennata* J.J.Engel & G.L.Merr. = ***Neolepidozia pennata* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [47] *Telaranea perfragilis* J.J.Engel & G.L.Merr. = ***Ceramanus perfragilis* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [49] *Telaranea praenitens* (Lehm. & Lindenb.) E.A.Hodgs. = ***Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper**
- [49] *Telaranea praenitens* var. *dentifolia* J.J.Engel & G.L.Merr. = ***Neolepidozia praenitens* var. *dentifolia* (J.J.Engel & G.L.Merr.) E.D.Cooper**
- [49] *Telaranea praenitens* (Lehm. & Lindenb.) E.A.Hodgs. var. *praenitens* = ***Neolepidozia praenitens* (Lehm. & Lindenb.) E.D.Cooper var. *praenitens***
- [50] *Telaranea pulcherrima* (Steph.) R.M.Schust. = ***Tricholepidozia pulcherrima* (Steph.) E.D.Cooper**
- [50] *Telaranea pulcherrima* (Steph.) R.M.Schust. var. *pulcherrima* = ***Tricholepidozia pulcherrima* (Steph.) E.D.Cooper var. *pulcherrima***
- [48] *Telaranea quinquespina* (J.J.Engel & G.L.Merr.) J.J.Engel & G.L.Merr. = ***Kurzia quinquespina* J.J.Engel & G.L.Merr.**
- [50] *Telaranea radiata* (Steph.) R.M.Schust. = ***Tricholepidozia lindenberghii* (Gottsche) E.D.Cooper**
- [50] *Telaranea remotifolia* E.A.Hodgs. = ***Tricholepidozia remotifolia* (E.A.Hodgs.) E.D.Cooper**
- [49] *Telaranea roseana* (Steph.) E.A.Hodgs. = ***Neolepidozia tetrapila* var. *roseana* (Steph.) E.D.Cooper**
- [50] *Telaranea* subgen. *Tricholepidozia* R.M.Schust. = ***Tricholepidozia* (R.M.Schust.) E.D.Cooper**
- [50] *Telaranea tetradactyla* (Hook.f. & Taylor) E.A.Hodgs. = ***Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper**
- [49] *Telaranea tetrapila* (Hook.f. & Taylor) J.J.Engel & G.L.Merr. = ***Neolepidozia tetrapila* (Hook.f. & Taylor) E.D.Cooper**
- [49] *Telaranea tetrapila* var. *cancellata* (Colenso) J.J.Engel & G.L.Merr. = ***Neolepidozia tetrapila* var. *cancellata* (Colenso) E.D.Cooper**
- [49] *Telaranea tetrapila* var. *roseana* (Steph.) J.J.Engel & G.L.Merr. = ***Neolepidozia tetrapila* var. *roseana* (Steph.) E.D.Cooper**
- [49] *Telaranea tetrapila* (Hook.f. & Taylor) J.J.Engel & G.L.Merr. var. *tetrapila* = ***Neolepidozia tetrapila* (Hook.f. & Taylor) E.D.Cooper var. *tetrapila***
- [49] *Telaranea tridactylis* (Lehm. & Lindenb.) J.J.Engel & G.L.Merr. = ***Neolepidozia tridactylis* (Lehm. & Lindenb.) E.D.Cooper**
- [48] *Telaranea trilobata* (R.M.Schust.) J.J.Engel & G.L.Merr. = ***Kurzia trilobata* (R.M.Schust.) R.M.Schust.**
- [47] *Telaranea tuberifera* J.J.Engel & R.M.Schust. = ***Ceramanus tuberifera* (J.J.Engel & R.M.Schust.) E.D.Cooper**
- [57] ***Temnoma* Mitt.**
- [57] ***Temnoma angustifolium* R.M.Schust.**
- [59] *Temnoma corrugatum* (Steph.) R.M.Schust. = ***Trichotemnoma corrugatum* (Steph.) R.M.Schust.**
- [57] *Temnoma palmatilobum* (E.A.Hodgs.) E.A.Hodgs. & Allison = ***Temnoma quadrifidum* (Mitt.) Mitt. ex E.A.Hodgs. & Allison**
- [57] ***Temnoma palmatum* (Pearson) R.M.Schust.**
- [57] ***Temnoma palmatum* var. *cuneatum* R.M.Schust.**
- [57] ***Temnoma palmatum* var. *laxifolium* R.M.Schust.**
- [57] ***Temnoma palmatum* (Pearson) R.M.Schust. var. *palmatum***
- [57] ***Temnoma palmatum* var. *pseudospiniferum* R.M.Schust.**
- [57] ***Temnoma paucisetigerum* R.M.Schust.**
- [57] ***Temnoma pulchellum* (Hook.) Mitt. ex Bastow**
- [57] ***Temnoma quadrifidum* (Mitt.) Mitt. ex E.A.Hodgs. & Allison**
- [57] ***Temnoma quadripartitum* (Hook.) Mitt.**
- [57] ***Temnoma quadripartitum* var. *pseudopungens* R.M.Schust.**
- [57] ***Temnoma quadripartitum* (Hook.) Mitt. var. *quadripartitum***
- [57] ***Temnoma quadripartitum* var. *randii* (S.W.Arnell) R.M.Schust.**
- [57] ***Temnoma schusteri* E.A.Hodgs. & Allison = *Archeophylla schusteri* (E.A.Hodgs. & Allison) R.M.Schust.**
- [36] ***Tetracoscinodon* R.Br.bis**
- [36] *Tetracoscinodon hectorii* R.Br.bis = ***Tetracoscinodon irroratus* (Mitt.) R.H.Zander**
- [36] ***Tetracoscinodon irroratus* (Mitt.) R.H.Zander**
- [55] ***Tetracymbaliella* Grolle**
- [55] ***Tetracymbaliella cymbalifera* (Hook.f. & Taylor) Grolle**
- [55] ***Tetracymbaliella decipiens* (Gottsche) Grolle**
- [39] **Tetraphidaceae Schimp.**
- [39] **Tetraphidales M.Fleisch.**
- [39] ***Tetraphidopsida* Goffinet & W.R.Buck**
- [26] ***Tetraphidopsis* Broth. & Dixon**
- [26] *Tetraphidopsis novae-seelandiae* Broth. & Dixon = ***Tetraphidopsis pusilla* (Hook.f. & Wilson) Dixon**
- [26] ***Tetraphidopsis pusilla* (Hook.f. & Wilson) Dixon**
- [39] *Tetraphis browniana* (Dicks.) Grev. = ***Tetrodontium brownianum* (Dicks.) Schwägr.**
- [27] *Tetraplodon tasmanicus* Hampe = ***Tayloria tasmanica* (Hampe) Broth.**
- [39] ***Tetrodontium* Schwägr.**

- [39] *Tetrodontium brownianum* (Dicks.) Schwägr.
 [20] *Thamniella* Besch. = *Camptochaete* Reichardt
 [20] *Thamniella arbuscula* (Sm.) Besch. ex Paris = *Camptochaete arbuscula* (Sm.) Reichardt
 [21] *Thamniella divulsa* (Hook.f. & Wilson) A.Jaeger = *Lembophyllum divulsum* (Hook.f. & Wilson) Lindb.
 [20] *Thamniella pulvinata* (Hook.f. & Wilson) Besch. ex Paris = *Camptochaete pulvinata* (Hook.f. & Wilson) A.Jaeger
 [20] *Thamniium arbuscula* (Sm.) Kindb. = *Camptochaete arbuscula* (Sm.) Reichardt
 [38] *Thamnium baculiferum* Dixon = *Porothamnium baculiferum* (Dixon) Broth.
 [20] *Thamnium deflexum* (Wilson) Kindb. = *Camptochaete deflexa* (Wilson) A.Jaeger
 [20] *Thamnium gracile* (Hook.f. & Wilson) Kindb. = *Fallaciella gracilis* (Hook.f. & Wilson) H.A.Crum
 [22] *Thamnium pandum* (Hook.f. & Wilson) A.Jaeger = *Thamnobryum pandum* (Hook.f. & Wilson) I.G.Stone & G.A.M.Scott
 [22] *Thamnium pumilum* (Hook.f. & Wilson) Paris = *Thamnobryum pumilum* (Hook.f. & Wilson) B.C.Tan
 [22] *Thamnobryum* Nieuwl.
 [22] *Thamnobryum pandum* (Hook.f. & Wilson) I.G.Stone & G.A.M.Scott
 [22] *Thamnobryum pumilum* (Hook.f. & Wilson) B.C.Tan
 [23] *Thuidiaceae* Schimp.
 [23] *Thuidiopsis* (Broth.) M.Fleisch.
 [23] *Thuidiopsis furfurosa* (Hook.f. & Wilson) M.Fleisch.
 [23] *Thuidiopsis furfurosa* var. *sparsa* (Hook.f. & Wilson) Wijk & Margad. = *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
 [23] *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
 [23] *Thuidium* Bruch & Schimp.
 [23] *Thuidium cymbifolium* (Dozy & Molk.) Dozy & Molk.
 [23] *Thuidium denticulosum* (Mitt.) A.Jaeger = *Thuidiopsis furfurosa* (Hook.f. & Wilson) M.Fleisch.
 [23] *Thuidium furfurosum* (Hook.f. & Wilson) Reichardt = *Thuidiopsis furfurosa* (Hook.f. & Wilson) M.Fleisch.
 [23] *Thuidium furfurosum* var. *sparsum* (Hook.f. & Wilson) Sainsbury = *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
 [23] *Thuidium laeviusculum* (Mitt.) A.Jaeger
 [23] *Thuidium sparsum* (Hook.f. & Wilson) Reichardt = *Thuidiopsis sparsa* (Hook.f. & Wilson) Broth.
 [23] *Thuidium* subgen. *Thuidiopsis* Broth. = *Thuidiopsis* (Broth.) M.Fleisch.
 [63] *Thysananthus* Lindenb.
 [63] *Thysananthus anguiformis* (Hook.f. & Taylor) Taylor ex Gottsche, Lindenb. & Nees
 [63] *Thysananthus scutellus* Taylor = *Spruceanthus olivaceus* (Hook.f. & Taylor) X.Q.Shi, R.L.Zhu & Gradst.
 [63] *Thysananthus spathulistipus* (Reinw., Blume & Nees) Lindenb.
 [38] *Timmia* Hedw.
 [38] *Timmia norvegica* J.E.Zetterst.
 [38] *Timmiaceae* Schimp.
 [38] *Timmiales* Ochyra
 [38] *Timmiidae* Ochyra
 [36] *Tortella* (Müll.Hal.) Limpr.
 [34] *Tortella calycina* (Schwägr.) Dixon = *Barbula calycina* Schwägr.
 [36] *Tortella cirrhata* Broth.
 [36] *Tortella flavovirens* (Bruch) Broth.
 [36] *Tortella fragilis* (Hook. & Wilson) Limpr.
 [36] *Tortella fristedtii* (Müll.Hal.) Broth. = *Tortella flavovirens* (Bruch) Broth.
 [36] *Tortella knightii* (Mitt.) Broth.
 [36] *Tortella mooreae* Sainsbury = *Tortella cirrhata* Broth.
 [36] *Tortella rubripes* (Mitt.) Broth. = *Tortella flavovirens* (Bruch) Broth.
 [36] *Tortula* Hedw.
 [36] *Tortula abruptinervis* Dixon = *Syntrichia lithophila* (Dusén) Ochyra & R.H. Zander
 [36] *Tortula acaulon* (With.) R.H.Zander
 [36] *Tortula anderssonii* Ångstr. = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [36] *Tortula antarctica* (Hampe) Hook.f. & Wilson = *Syntrichia antarctica* (Hampe) R.H.Zander
 [35] *Tortula arenae* (Besch.) Broth. = *Hennediella arenae* (Besch.) R.H.Zander
 [35] *Tortula arenae* subsp. *petriei* (Broth.) Lightowl. = *Hennediella arenae* var. *petriei* (Broth.) R.H.Zander
 [35] *Tortula arenae* (Besch.) Broth. var. *arenae* = *Hennediella arenae* (Besch.) R.H.Zander var. *arenae*
 [36] *Tortula areolata* (C.Knight) Fife
 [36] *Tortula arida* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [36] *Tortula atrovirens* (Sm.) Lindb.
 [35] *Tortula australasiae* Hook. & Grev. = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [36] *Tortula austroalpina* (Müll.Hal.) Broth. = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [36] *Tortula bealeyensis* R.Br.bis = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [35] *Tortula bellii* R.Br.bis = *Didymodon torquatus* (Taylor) Catches.
 [34] *Tortula bifrons* De Not. = *Aloina bifrons* (De Not.) Delgad.
 [37] *Tortula binnsii* R.Br.bis = *Tortula muralis* Hedw.
 [36] *Tortula brevisetacea* (Hampe ex F.Muell.) Thér. = *Syntrichia papillosa* (Wilson ex Spruce) Jur.
 [36] *Tortula brevitheca* R.Br.bis = *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander
 [34] *Tortula calycina* (Schwägr.) Hook. & Grev. = *Barbula calycina* Schwägr.
 [35] *Tortula crispifolia* Mitt. = *Didymodon torquatus* (Taylor) Catches.
 [36] *Tortula dioica* R.Br.bis = *Syntrichia rubra* (Mitt.) R.H.Zander
 [36] *Tortula elliptotheca* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [35] *Tortula flavinervis* Dixon = *Pseudocrossidium crinitum* (Schultz) R.H.Zander
 [35] *Tortula flavinervis* var. *gigantea* Dixon & Sainsbury = *Pseudocrossidium crinitum* (Schultz) R.H.Zander
 [34] *Tortula flavinervis* var. *obscura* Dixon = *Barbula unguiculata* Hedw.
 [34] *Tortula geheebii* Broth. = *Crossidium geheebii* (Broth.) Broth.
 [37] *Tortula gulliverii* R.Br.bis = *Tortula muralis* Hedw.
 [37] *Tortula hutchinsonii* R.Br.bis = *Tortula muralis* Hedw.
 [36] *Tortula knightii* Mitt. = *Tortella knightii* (Mitt.) Broth.
 [36] *Tortula kowaiensis* R.Br.bis = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [36] *Tortula laevipila* (Brid.) Schwägr. = *Syntrichia laevipila* Brid.
 [36] *Tortula lancifolia* R.Br.bis = *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander
 [36] *Tortula linearifolia* R.Br.bis = *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander

- [36] *Tortula lithophila* Dusén = *Syntrichia lithophila* (Dusén) Ochyra & R.H. Zander
 [37] *Tortula marginata* (Bruch & Schimp.) Spruce
 [37] *Tortula maritima* (R.Br.bis) R.H.Zander = *Tortula splachnoides* (Hornsch.) R.H.Zander
 [36] *Tortula maudiae* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [36] *Tortula minuta* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [37] *Tortula mucronifolia* Schwägr.
 [37] *Tortula muralis* Hedw.
 [36] *Tortula oblongifolia* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [37] *Tortula pachyneura* Dixon & Sainsbury = *Willia calobolax* (Müll.Hal.) Lightowlers
 [36] *Tortula pagorum* (Milde) De Not. = *Syntrichia laevipila* Brid.
 [36] *Tortula panduriforma* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [36] *Tortula papillosa* Wilson ex Spruce = *Syntrichia papillosa* (Wilson ex Spruce) Jur.
 [35] *Tortula petriei* Broth. = *Henediella arenae* var. *petriei* (Broth.) R.H.Zander
 [36] *Tortula phaea* (Hook.f. & Wilson) Dixon = *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander
 [37] *Tortula pulvinata* R.Br.bis = *Tortula muralis* Hedw.
 [36] *Tortula rubra* Mitt. = *Syntrichia rubra* (Mitt.) R.H.Zander
 [36] *Tortula rubra* var. *subantarctica* (Sainsbury) Lightowlers = *Syntrichia rubra* (Mitt.) R.H.Zander
 [36] *Tortula sainsburyana* R.H.Zander = *Tortula areolata* (C.Knight) Fife
 [36] *Tortula searllii* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [36] *Tortula serrata* Dixon = *Syntrichia serrata* (Dixon) R.H.Zander
 [37] *Tortula splachnoides* (Hornsch.) R.H.Zander
 [36] *Tortula stevensii* R.Br.bis = *Syntrichia anderssonii* (Ångstr.) R.H.Zander
 [36] *Tortula subantarctica* Sainsbury = *Syntrichia rubra* (Mitt.) R.H.Zander
 [36] *Tortula subbrunea* Broth. & Watts = *Syntrichia phaea* (Hook.f. & Wilson) R.H.Zander
 [36] *Tortula synecia* R.Br.bis = *Syntrichia antarctica* (Hampe) R.H.Zander
 [35] *Tortula torlessensis* R.Br.bis = *Henediella arenae* var. *petriei* (Broth.) R.H.Zander
 [35] *Tortula torquata* (Taylor) Hook.f. & Wilson = *Didymodon torquatus* (Taylor) Catches.
 [37] *Tortula truncata* (Hedw.) Mitt.
 [37] *Tortula viridipila* Dixon & Sainsbury
 [34] *Tortula walkeri* R.Br.bis = *Barbula calycina* Schwägr.
 [23] *Trachyloma* Brid.
 [23] *Trachyloma diversinerve* Hampe
 [23] *Trachyloma kerrii* Mitt. = *Sciadocladus kerrii* (Mitt.) Broth.
 [23] *Trachyloma planifolium* (Hedw.) Brid.
 [23] *Trachylomataceae* W.R.Buck & Vitt
 [28] *Trematodon* Michx.
 [28] *Trematodon arcuatus* Mitt. = *Trematodon suberectus* Mitt.
 [28] *Trematodon cheesemanii* Müll.Hal. = *Trematodon suberectus* Mitt.
 [28] *Trematodon flexipes* Mitt. ex Hook.f. & Wilson
 [28] *Trematodon integrifolius* Müll.Hal. = *Trematodon suberectus* Mitt.
 [28] *Trematodon mackayi* (R.Br.bis) Broth.
 [28] *Trematodon suberectus* Mitt.
 [28] *Trematodon weymouthii* E.B.Bartram & Dixon = *Trematodon mackayi* (R.Br.bis) Broth.
 [40] *Treubia*
 [40] *Treubia lacunosa* (Colenso) Prosk.
 [40] *Treubia pygmaea* R.M.Schust.
 [40] *Treubiaceae* Verd.
 [40] *Treubiiales* Schljakov
 [40] *Treubiidae* Stotler & Crand.-Stotl.
 [45] *Triandrophyllum* Fulford & Hatcher
 [44] *Triandrophyllum multicuspidatum* (Hook.f. & Taylor) E.A.Hodgs. = *Protolophozia multicuspidata* (Hook.f. & Taylor) Vána & L.Söderstr.
 [45] *Triandrophyllum subtrifidum* (Hook.f. & Taylor) Fulford & Hatcher
 [45] *Triandrophyllum subtrifidum* (Hook.f. & Taylor) Fulford & Hatcher var. *subtrifidum*
 [45] *Triandrophyllum symmetricum* J.J.Engel
 [59] *Trichocolea* Dumort.
 [59] *Trichocolea elegans* Colenso = *Trichocolea mollissima* (Hook.f. & Taylor) Gottsche
 [59] *Trichocolea hatcheri* E.A.Hodgs.
 [57] *Trichocolea julacea* Hatcher = *Castanoclobos julaceus* (J.J.Engel) J.J.Engel & Glenny
 [59] *Trichocolea lanata* (Hook.) Nees = *Leiomitra lanata* (Hook.) R.M.Schust.
 [59] *Trichocolea mollissima* (Hook.f. & Taylor) Gottsche
 [59] *Trichocolea novaezealandiae* R.M.Schust. = *Trichocolea hatcheri* E.A.Hodgs.
 [59] *Trichocolea polyacantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees = *Eotrichocolea polyacantha* (Hook.f. & Taylor) R.M.Schust.
 [59] *Trichocolea rigida* R.M.Schust.
 [59] *Trichocoleaceae* Nakai
 [30] *Trichodon* Schimp.
 [30] *Trichodon cylindricus* (Hedw.) Schimp.
 [29] *Trichodontium* (Dixon) Fife = *Kiaeria* I.Hagen
 [29] *Trichodontium falcatum* (R.Br.bis) Fife = *Kiaeria pumila* (Mitt.) Ochyra
 [50] *Tricholepidozia* (R.M.Schust.) E.D.Cooper
 [50] *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper
 [50] *Tricholepidozia lindenbergii* var. *complanata* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [50] *Tricholepidozia lindenbergii* (Gottsche) E.D.Cooper var. *lindenbergii*
 [50] *Tricholepidozia lindenbergii* var. *mellea* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [50] *Tricholepidozia lindenbergii* var. *papillata* (J.J.Engel & G.L.Merr.) E.D.Cooper
 [50] *Tricholepidozia martinii* (E.A.Hodgs.) E.D.Cooper
 [50] *Tricholepidozia pulcherrima* (Steph.) E.D.Cooper
 [50] *Tricholepidozia pulcherrima* (Steph.) E.D.Cooper var. *pulcherrima*

- [50] *Tricholepidozia remotifolia* (E.A.Hodgs.) E.D.Cooper
 [50] *Tricholepidozia tetradactyla* (Hook.f. & Taylor) E.D.Cooper
 [35] *Trichostomopsis australasiae* (Hook. & Grev.) H.Rob. = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [37] *Trichostomum* Bruch
 [36] *Trichostomum apiculatum* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [30] *Trichostomum australe* Mitt. = *Ditrichum strictum* (Hook.f. & Wilson) Hampe
 [37] *Trichostomum austrocrispum* (Beckett) R.H.Zander = *Weissia austrocrispa* (Beckett) I.G.Stone
 [36] *Trichostomum avonense* R.Br.bis = *Tortella knightii* (Mitt.) Broth.
 [34] *Trichostomum binnsii* R.Br.bis = *Bryoerythrophyllum dubium* (Schwägr.) P.Sollman
 [37] *Trichostomum brachydontium* Bruch
 [30] *Trichostomum brevirostrum* R.Br.bis = *Ditrichum brevirostre* (R.Br.bis) Broth.
 [30] *Trichostomum buchananii* R.Br.bis = *Ditrichum buchananii* (R.Br.bis) Broth.
 [30] *Trichostomum chilense* Mont. = *Chrysoblastella chilensis* (Mont.) Reimers
 [35] *Trichostomum cockaynei* R.Br.bis = *Didymodon weymouthii* (R.Br.bis) R.H.Zander
 [36] *Trichostomum contortifolium* R.Br.bis = *Tortella knightii* (Mitt.) Broth.
 [36] *Trichostomum convolutum* Brid. = *Tortula atrovirens* (Sm.) Lindb.
 [34] *Trichostomum curvithecum* R.Br.bis = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [30] *Trichostomum cylindricum* Hedw. = *Trichodon cylindricus* (Hedw.) Schimp.
 [30] *Trichostomum difficile* Duby = *Ditrichum difficile* (Duby) M.Fleisch.
 [36] *Trichostomum eckelianum* R.H.Zander = *Tortella cirrhata* Broth.
 [30] *Trichostomum elongatum* Hook.f. & Wilson = *Ditrichum cylindricarpum* (Müll.Hal.) F.Muell.
 [29] *Trichostomum falcatum* R.Br.bis = *Kiaeria pumila* (Mitt.) Ochyra
 [36] *Trichostomum flavovirens* Bruch = *Tortella flavovirens* (Bruch) Broth.
 [30] *Trichostomum glaucescens* Hedw. = *Saelania glaucescens* (Hedw.) Bom. & Broth.
 [35] *Trichostomum gracile* R.Br.bis = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [35] *Trichostomum grossiretre* Broth. & Dixon = *Pseudocrossidium crinitum* (Schultz) R.H.Zander
 [37] *Trichostomum imshaugii* (Vitt) R.H.Zander
 [33] *Trichostomum lanuginosum* Hedw. = *Racomitrium lanuginosum* (Hedw.) Brid.
 [36] *Trichostomum ligulatum* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [36] *Trichostomum linearifolium* R.Br.bis = *Tortella knightii* (Mitt.) Broth.
 [35] *Trichostomum lingulatum* Hook.f. & Wilson = *Didymodon tophaceus* (Brid.) Lisa
 [36] *Trichostomum minutifolium* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [35] *Trichostomum mokonuiense* R.Br.bis = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [29] *Trichostomum moretonii* R.Br.bis = *Holomitrium perichaetiale* (Hook.) Brid.
 [29] *Trichostomum perichaetiale* Hook. = *Holomitrium perichaetiale* (Hook.) Brid.
 [36] *Trichostomum phaeum* Hook.f. & Wilson = *Sytrichia phaea* (Hook.f. & Wilson) R.H.Zander
 [36] *Trichostomum repandifolium* R.Br.bis = *Tortella knightii* (Mitt.) Broth.
 [36] *Trichostomum rubripes* Mitt. = *Tortella flavovirens* (Bruch) Broth.
 [37] *Trichostomum sciophilum* Müll.Hal.
 [36] *Trichostomum searellii* R.Br.bis = *Tortula atrovirens* (Sm.) Lindb.
 [35] *Trichostomum* sect. *Leptodontium* Müll.Hal. = *Leptodontium* (Müll.Hal.) Lindb.
 [37] *Trichostomum tenuirostre* (Hook. & Taylor) Lindb.
 [35] *Trichostomum theriotii* R.Br.bis = *Didymodon tophaceus* (Brid.) Lisa
 [35] *Trichostomum tophaceum* Brid. = *Didymodon tophaceus* (Brid.) Lisa
 [59] *Trichotemnoma* R.M.Schust.
 [59] *Trichotemnoma corrugatum* (Steph.) R.M.Schust.
 [59] *Trichotemnoma corrugatum* (Steph.) R.M.Schust. = *Trichotemnoma corrugatum* (Steph.) R.M.Schust.
 [59] *Trichotemnomataceae* R.M.Schust.
 [37] *Tridontium* Hook.f.
 [37] *Tridontium tasmanicum* Hook.f.
 [37] *Triquetrella* Müll.Hal.
 [37] *Triquetrella curvifolia* Dixon & Sainsbury = *Triquetrella tasmanica* (Broth.) Granzow
 [37] *Triquetrella filiformis* Müll.Hal. = *Triquetrella papillata* (Hook.f. & Wilson) Broth.
 [37] *Triquetrella papillata* (Hook.f. & Wilson) Broth.
 [37] *Triquetrella tasmanica* (Broth.) Granzow
 [55] *Tritomaria* Schiffn. = *Tritomaria* Loeske
 [55] *Tritomaria* Loeske
 [55] *Tritomaria exsecta* (Schmidel ex Schrad.) Loeske
 [55] *Tritomaria exsecta* subsp. *novaezelandiae* J.J.Engel
 [40] *Tylimanthus* Mitt. = *Acrobolbus* Nees
 [40] *Tylimanthus angustifolius* Steph. = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [41] *Tylimanthus bisetulus* Steph. = *Pseudomarsupidium piliferum* (Steph.) Herzog ex Grolle
 [40] *Tylimanthus diversifolius* E.A.Hodgs. = *Acrobolbus tenellus* var. *diversifolius* (E.A.Hodgs.) Briscoe
 [40] *Tylimanthus epiphytus* (Colenso) Hamlin = *Acrobolbus epiphytus* (Colenso) Briscoe
 [40] *Tylimanthus flaccidus* Berggr. = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [40] *Tylimanthus knightii* (Mitt.) Hässel & Solari = *Acrobolbus knightii* (Mitt.) Briscoe
 [40] *Tylimanthus perpusillus* Colenso = *Acrobolbus perpusillus* (Colenso) Briscoe
 [40] *Tylimanthus saccatus* (Hook.) Mitt. = *Acrobolbus saccatus* (Hook.) Trevis.
 [40] *Tylimanthus saccatus* (Hook.) Mitt. ex Carrington & Pearson = *Acrobolbus saccatus* (Hook.) Trevis.
 [56] *Tylimanthus saccatus* var. *umbrellaris* Berggr. = *Plagiochila gregaria* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [40] *Tylimanthus setulosus* (Mitt.) Hamlin = *Acrobolbus setulosus* (Mitt.) Briscoe
 [40] *Tylimanthus spinosus* Steph. = *Acrobolbus knightii* (Mitt.) Briscoe
 [40] *Tylimanthus surculosus* (Nees) Hamlin = *Acrobolbus surculosus* (Nees) Trevis.
 [40] *Tylimanthus tenellus* (Taylor ex Lehm.) Mitt. = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis.
 [40] *Tylimanthus tenellus* var. *diversifolius* (E.A.Hodgs.) J.J.Engel = *Acrobolbus tenellus* var. *diversifolius* (E.A.Hodgs.) Briscoe
 [40] *Tylimanthus tenellus* (Taylor ex Lehm.) Mitt. var. *tenellus* = *Acrobolbus tenellus* (Taylor ex Lehm.) Trevis. var. *tenellus*
 [25] *Ulota* D.Mohr
 [25] *Ulota anceps* Venturi = *Ulota viridis* Venturi
 [25] *Ulota bellii* Malta = *Ulota lutea* (Mitt. in Wilson) Mitt.

- [25] *Ulota bellii* var. *longicolla* Malta = *Ulota lutea* (Mitt. in Wilson) Mitt.
 [25] *Ulota breviseta* Malta = *Ulota lutea* (Mitt. in Wilson) Mitt.
 [25] *Ulota dixonii* Malta = *Ulota viridis* Venturi
 [25] *Ulota laticiliata* Malta = *Ulota lutea* (Mitt. in Wilson) Mitt.
 [25] *Ulota lutea* (Mitt. in Wilson) Mitt.
 [25] *Ulota membranata* Malta
 [25] *Ulota novae-seelandiae* Sainsbury = *Ulota viridis* Venturi
 [25] *Ulota perichaetialis* (Sainsbury) Goffinet
 [26] *Ulota rufescens* (Hampe) A.Jaeger = *Zygodon rufescens* (Hampe) Broth.
 [25] *Ulota viridis* Venturi
 [25] *Ulota viridis* var. *adpressa* Mitt. ex Malta = *Ulota viridis* Venturi
 [25] *Ulota weymouthii* Venturi = *Ulota lutea* (Mitt. in Wilson) Mitt.
 [64] *Verdoornia* R.M.Schust.
 [64] *Verdoornia succulenta* R.M.Schust.
 [20] *Vesicularia* (Müll.Hal.) Müll.Hal.
 [20] *Vesicularia inflectens* (Brid.) Müll.Hal.
 [22] *Warburgiella* Müll.Hal. ex Broth.
 [22] *Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay
 [22] *Warburgiella macrospora* (Dixon & Sainsbury) B.C.Tan, Schofield, & H.P.Ramsay = *Warburgiella leucocyta* (Müll.Hal.) B.C.Tan, W.B.Schofield & H.P.Ramsay
 [18] *Warnstorfia* Loeske
 [18] *Warnstorfia fluitans* (Hedw.) Loeske
 [18] *Warnstorfia sarmentosa* (Wahlenb.) Hedenäs
 [14] *Webera camptotrachela* Renault & Cardot = *Pohlia camptotrachela* (Renault & Cardot) Broth.
 [15] *Webera elatior* Dixon & Sainsbury = *Pohlia nutans* (Hedw.) Lindb.
 [13] *Webera megamorpha* (Müll.Hal.) Paris = *Bryum laevigatum* Hook.f. & Wilson
 [15] *Webera nutans* Hedw. = *Pohlia nutans* (Hedw.) Lindb.
 [27] *Webera pyriformis* Hedw. = *Leptobryum pyriforme* (Hedw.) Wilson
 [15] *Webera tenuifolia* A.Jaeger = *Pohlia tenuifolia* (A.Jaeger) Broth.
 [15] *Webera wahlenbergii* (F.Weber & D.Mohr) Füm. = *Pohlia wahlenbergii* (F.Weber & D.Mohr) A.L.Andrews
 [37] *Weissia* Hedw.
 [35] *Weissia acutifolia* R.Br.bis = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [37] *Weissia austrocrispa* (Beckett) I.G.Stone
 [30] *Weissia brotherusii* R.Br.bis = *Ditrichum brotherusii* (R.Br.bis) Seppelt
 [33] *Weissia contecta* Hook.f. & Wilson = *Blindia contecta* (Hook.f. & Wilson) Müll.Hal.
 [37] *Weissia controversa* Hedw.
 [37] *Weissia controversa* Hedw. var. *controversa*
 [37] *Weissia controversa* var. *gymnostoma* Sainsbury
 [36] *Weissia irrorata* Mitt. = *Tetracoscinodon irroratus* (Mitt.) R.H.Zander
 [35] *Weissia kaikouraensis* R.Br.bis = *Didymodon australasiae* (Hook. & Grev.) R.H.Zander
 [37] *Weissia lancifolia* (R.Br.bis) Wijk & Margad. = *Tridontium tasmanicum* Hook.f.
 [35] *Weissia lancifolia* var. *weymouthii* (R.Br.bis) Wijk & Margad. = *Didymodon weymouthii* (R.Br.bis) R.H.Zander
 [37] *Weissia patula* (C.Knight) Fife
 [36] *Weissia petriei* R.Br.bis = *Tetracoscinodon irroratus* (Mitt.) R.H.Zander
 [38] *Weissia radians* Hedw. = *Entosthodon radians* (Hedw.) Müll.Hal.
 [34] *Weissia recurvirostra* Hedw. = *Bryoerythrophyllum recurvirostrum* (Hedw.) P.C.Chen
 [35] *Weissia searellii* R.Br.bis = *Didymodon ceratodonteus* (Müll.Hal.) Dixon
 [35] *Weissia starckeana* Hedw. = *Microbryum starckeanum* (Hedw.) R.H.Zander
 [32] *Weissia stricta* Hook.f. & Wilson = *Holodontium strictum* (Hook.f. & Wilson) Ochyra
 [37] *Weissia tenuirostris* Hook. & Taylor = *Trichostomum tenuirostre* (Hook. & Taylor) Lindb.
 [35] *Weissia torlessensis* R.Br.bis = *Gymnostomum calcareum* Nees & Hornsch.
 [37] *Weissia viridula* var. *gymnostoma* Dixon = *Weissia controversa* var. *gymnostoma* Sainsbury
 [32] *Weissia webbii* R.Br.bis = *Dicranoweisia antarctica* (Müll.Hal.) Kindb.
 [35] *Weissia weymouthii* R.Br.bis = *Didymodon weymouthii* (R.Br.bis) R.H.Zander
 [37] *Weissia weymouthii* var. *lancifolia* (R.Br.bis) Dixon = *Tridontium tasmanicum* Hook.f.
 [42] *Wettsteinia* Schiffn.
 [42] *Wettsteinia schusteriana* Grolle
 [21] *Weymouthia* Broth.
 [21] *Weymouthia cochlearifolia* (Schwägr.) Dixon
 [21] *Weymouthia mollis* (Hedw.) Broth.
 [22] *Wijkia* H.A.Crum
 [22] *Wijkia extenuata* (Brid.) H.A.Crum
 [22] *Wijkia extenuata* var. *caudata* Fife
 [22] *Wijkia extenuata* (Brid.) H.A.Crum var. *extenuata*
 [37] *Willia* Müll.Hal.
 [37] *Willia calobolax* (Müll.Hal.) Lightowlers
 [30] *Wilseniella* Müll.Hal.
 [30] *Wilseniella blindioides* (Broth.) Sainsbury
 [66] *Xenothallus* R.M.Schust.
 [66] *Xenothallus vulcanicola* R.M.Schust.
 [50] *Zoopsidella* R.M.Schust.
 [50] *Zoopsidella caledonica* (Steph.) R.M.Schust.
 [50] *Zoopsidella ceratophylla* (Spruce) R.M.Schust. = *Zoopsis ceratophylla* (Spruce) Hamlin
 [50] *Zoopsis* Gottsche, Lindenb. & Nees
 [50] *Zoopsis argentea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
 [50] *Zoopsis argentea* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees var. *argentea*
 [50] *Zoopsis argentea* var. *flagelliformis* (Colenso) R.M.Schust.
 [50] *Zoopsis basilaris* Colenso = *Zoopsis argentea* var. *flagelliformis* (Colenso) R.M.Schust.
 [50] *Zoopsis bicruris* Glenny & E.A.Br.

- [50] *Zoopsis caledonica* Steph. = ***Zoopsidella caledonica* (Steph.) R.M.Schust.**
 [50] *Zoopsis ceratophylla* (Spruce) R.M.Schust. = ***Zoopsis ceratophylla* (Spruce) Hamlin**
[50] *Zoopsis ceratophylla* (Spruce) Hamlin
 [50] *Zoopsis flagelliformis* Colenso = ***Zoopsis argentea* var. *flagelliformis* (Colenso) R.M.Schust.**
 [50] *Zoopsis foliosa* Herzog & E.A.Hodgs. = ***Zoopsidella caledonica* (Steph.) R.M.Schust.**
[50] *Zoopsis leitgebiana* (Carrington & Pearson) Bastow
 [65] *Zoopsis lobulata* Colenso = ***Riccardia lobulata* (Colenso) E.A.Hodgs.**
[50] *Zoopsis macrophylla* R.M.Schust.
[50] *Zoopsis matawaia* M.A.M.Renner
 [50] *Zoopsis muscosa* Colenso = ***Zoopsis argentea* var. *flagelliformis* (Colenso) R.M.Schust.**
[50] *Zoopsis nitida* Glenny, Braggins & R.M.Schust.
[50] *Zoopsis setulosa* Leitg.
 [50] *Zoopsis tenuicaulis* Colenso = ***Zoopsis leitgebiana* (Carrington & Pearson) Bastow**
[25] *Zygodon* Hook. & Taylor
 [32] *Zygodon compactus* Müll.Hal. = ***Amphidium cyathicarpum* (Mont.) Broth.**
 [26] *Zygodon conoideus* var. *elongatus* Hook. & Grev. = ***Zygodon intermedius* Bruch & Schimp.**
 [32] *Zygodon cyathicarpus* Mont. = ***Amphidium cyathicarpum* (Mont.) Broth.**
 [26] *Zygodon gracilicaulis* Müll.Hal. = ***Zygodon intermedius* Bruch & Schimp.**
[25] *Zygodon gracillimus* M.Fleisch.
[25] *Zygodon hookeri* Hampe
 [32] *Zygodon integrifolius* Beckett = ***Amphidium cyathicarpum* (Mont.) Broth.**
[26] *Zygodon intermedius* Bruch & Schimp.
[26] *Zygodon menziesii* (Schwägr.) Arn.
 [26] *Zygodon menziesii* var. *angustifolius* Malta = ***Zygodon menziesii* (Schwägr.) Arn.**
[26] *Zygodon minutus* Müll.Hal. & Hampe
 [25] *Zygodon mucronatus* Müll.Hal. = ***Zygodon hookeri* Hampe**
 [26] *Zygodon mucronatus* Broth. = ***Zygodon minutus* Müll.Hal. & Hampe**
 [26] *Zygodon nanus* Müll.Hal. = ***Zygodon intermedius* Bruch & Schimp.**
 [24] *Zygodon neglectus* Müll.Hal. = ***Leratia obtusifolia* (Hook.) Goffinet**
 [24] *Zygodon obtusifolius* Hook. = ***Leratia obtusifolia* (Hook.) Goffinet**
 [26] *Zygodon persquarriifolius* Dixon = ***Zygodon rufescens* (Hampe) Broth.**
 [25] *Zygodon rodwayi* Broth. = ***Zygodon gracillimus* M.Fleisch.**
[26] *Zygodon rufescens* (Hampe) Broth.
 [24] *Zygodon* sect. *Obtusifolii* Malta = ***Leratia* Broth. & Paris**
 [25] *Zygodon subminutus* Broth. = ***Zygodon gracillimus* M.Fleisch.**
 [26] *Zygodon vestitus* R.S.Williams = ***Zygodon rufescens* (Hampe) Broth.**

