
An updated checklist of the mosses of Chile

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Abstract: The distribution by regions and provinces is provided for each of the 890 moss taxa currently accepted in Chile. All records are supported by literature references, and the number of taxa recorded for each region is given. Synonyms with their owning taxa are intercalated alphabetically in the list.

Introduction

The last checklist of the mosses of Chile was completed in the end of 1996 and was published in 1998 (He 1998). Since this time a considerable bulk of new data on the mosses of Chile has been published. This provided the stimulus to produce a new checklist. The present study attempts an updated version of the checklist of He (1998) and contains all data available up to the end of November 2009.

For a lot of families and genera of the area critical taxonomic revisions were published in the last years. This includes Amblystegiaceae (Hedenäs 2003, Ochyra & Matteri 2001), *Bartramia* (Fransén 2004), *Campylopus* (Frahm 2005), *Fissidens* (Müller & Pursell 2003), *Grimmia* (Muñoz 1999, Muñoz & Panda 2000), Hypopterygiaceae (Kruijer 2002), *Lepyrodon* (Allen 1999), Meesiaceae (Matteri & Ochyra 1999), *Tortula* (Cano & Gallego 2008), and *Zygodon* (Calabrese 2006). In addition, there is also a remarkable progress in the floristic investigation of Chile (Isla Navarino in province Antártica Chilena: Buck 2002, Goffinet et al. 2006; regions Tarapacá and Antofagasta: Cano 2003; the Los Lagos and Los Ríos regions: Frey & Schaumann 2002, Schaumann 2005, Larrain 2005, 2007, 2007b; Easter Island: Ireland & Bellolio 2002; the Bío-Bío region: Ireland et al. 2007; the Maule Region: Müller & Pereira 2006, Pereira et al. 2006).

In addition, new information's resulted in checklists and floras of neighboring regions, e. g., the new checklist of Argentina (Matteri 2003b), the Flora of King George Island, Antarctica (Ochyra 1998), and the Flora of Antarctica (Ochyra et al. 2008).

Taxonomic revisions are just on the way for *Syntrichia* (M.J. Cano, M.T. Gallego) and *Racomitrium* s.l. (J. Larraín), so in next future the certain determination of Chilean specimens of these groups will be possible. Nevertheless, there still are problematic genera of which determination of Chilean material is at the moment difficult. These include *Andreaea*, *Dicranoloma*, *Hymenoloma*, *Ditrichum*, *Macromitrium*, *Mielichhoferia*, *Pohlia*, *Ptychomitrium*, *Rhaphidorrhynchium*, *Schistidium*, *Schizymenium*, *Sematophyllum*, and *Sphagnum*. Hopefully, in next future these genera will be dealt in systematic revisions.

For the compilation of the present checklist there were evaluated the following sources:

- 1.) The checklist published by He (1998).
- 2.) About 200 additional publications newly published ones and older ones not included in He (1998).
- 3.) The herbarium database of the herbarium of New York (NY) and the Tropicos database of the Missouri Botanical Garden (MO).

4.) Results of the investigation of herbarium material deposited in the herbaria's of Paris (PC) and Stockholm (S).

5.) Results of the determination of Chilean moss material in the herbarium of Dresden (DR). Important records of this were already published separately (Müller 2002, Müller 2009).

The arrangement of the checklist

The arrangement of the alphabetically list of recorded taxa follows He (1998). To each taxon references are given. To show the range of each taxon in Chile, its regional and provincial distribution is given.

Chile is divided into 15 regions. Every region is further divided into provinces. Each region is designated by a name and a Roman numeral. The only exception is the region housing the nation's capital, which is designated RM, that stands for Región Metropolitana (Metropolitan Region).

Two new regions, Arica and Parinacota in the north, and Los Ríos in the south, were created in 2006, and became operative in October 2007. In the numbering scheme, Region XIII was skipped; Arica and Parinacota was designated Region XV, while Los Ríos was designated Region XIV.

The division of Chile in political regions is shown in Figure 1. The regional distribution of each taxon is given in the list in the order from north to south.

The number of accepted taxa recorded for each political region of Chile as well as for Juan Fernández Islands and Easter Island is provided in Table 1. To show the progress in the bryological exploration of the regions the species numbers of the previous checklist of He (1998) are given.

All validly published names that are widely accepted or that reflect opinions expressed in published monographs are written in the checklist in bold face italic font. Taxa with insufficiently known status, e. g., mostly nomina nuda, and illegitimate names, are written in non bold face italic font.

Heterotypic synonyms or taxonomic synonyms are marked by an equal sign (=) followed by a reference of an author. Homotypic or nomenclatural synonyms are indicated by an identity sign (\equiv).

In Chile, 890 moss taxa are currently accepted from 230 genera and 68 families. The systematic arrangement of the genera and families follows with minor modifications the sequence of Goffinet et al. (2008).

Despite checking and re-checking, some errors doubtless remain undetected in this document, and literature overlooked, and the author would be very grateful to know of any of these. Comments please send to Frank.Mueller@tu-dresden.de

This document is not intended as a taxonomic work. The quality of the data in this list is variable in its taxonomic quality, although it attempts to present the latest position for all taxa.

Table 1. Number of accepted taxa reported for political regions of Chile

Region	Provinces	Number of taxa (He 1998)	Number of taxa (current list)
XV. Arica y Parinacota	Arica, Parinacota	0	22
I. Tarapacá	El Tamarugal, Iquique		0
II. Antofagasta	Antofagasta, El Loa, Tocopilla	8	19
III. Atacama	Chañaral, Copiapó, Huasco	8	12
IV. Coquimbo	Choapa, Elqui, Limarí	66	87
V. Valparaíso	Los Andes, Petorca, Quillota, San Antonio, San Felipe de Aconcagua, Valparaíso	169	168
RM. Metropolitana	Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante	136	136
VI. O'Higgins	Cachapoal, Cardenal Caro, Colchagua	53	63
VII. Maule	Cauquenes, Curicó, Linares, Talca	65	163
VIII. Biobío	Arauco, Biobío, Concepción, Ñuble	190	315
IX. La Araucanía	Cautín, Malleco	234	251
XIV. Los Ríos	Valdivia, Ranco	412	282
X. Los Lagos	Chiloé, Llanquihue, Osorno, Palena		346
XI. Aisén	Aisén, Capitán Prat, Coihaique, General Carrera	310	337
XII. Magallanes	Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza	450	436
Juan Fernández	Isla Robinson Crusoe, Isla Alejandro Selkirk	158	153
Isla de Pascua (Easter Island)		0	34

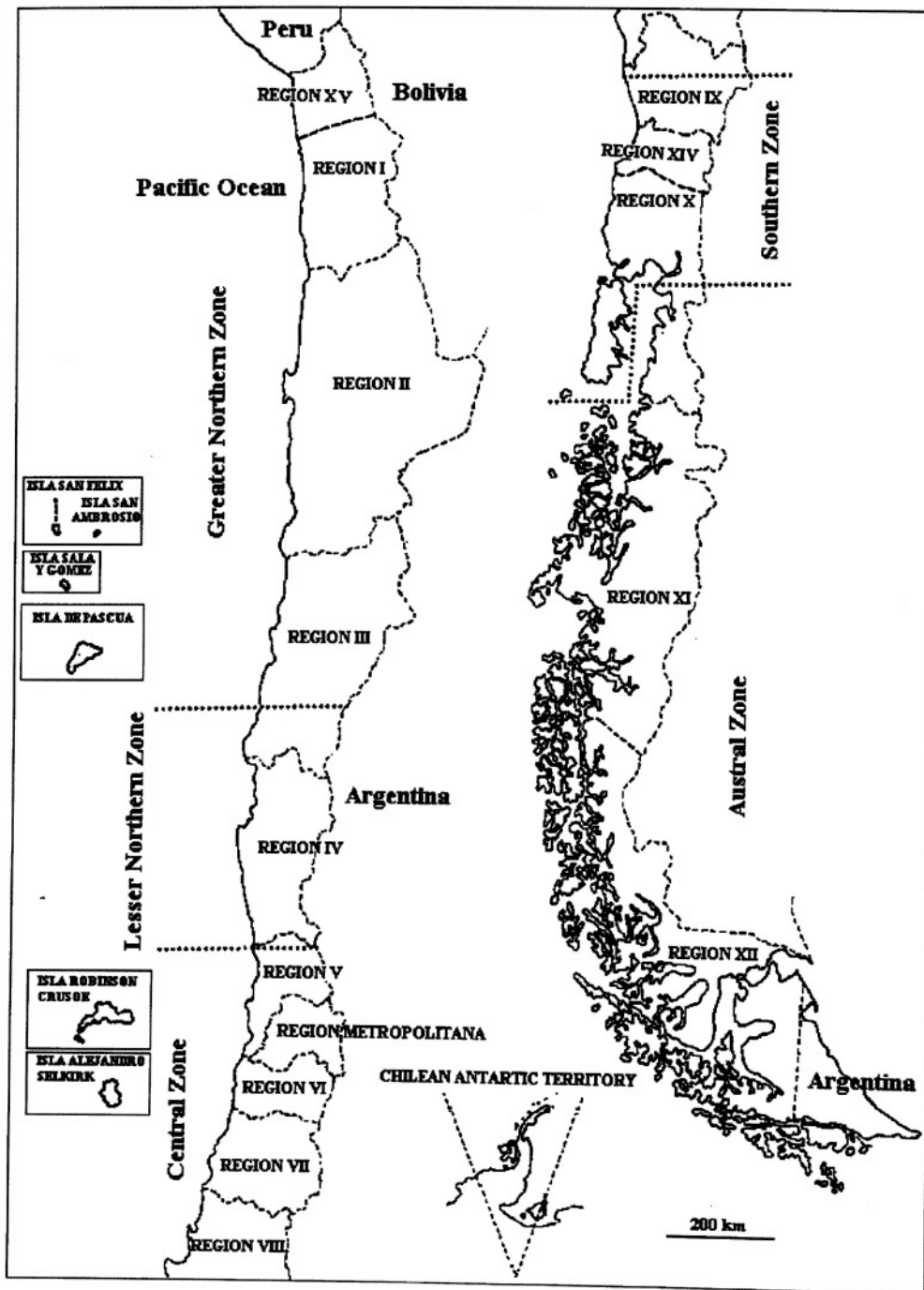


Fig. 1: Political regions of Chile (from He 1998, modified).

Taxa reported from Chile arranged alphabetically by genera and species

The checklist is in alphabetical order of taxon name, with current names shown in bold face italic font. Illegitimate names, nomina nuda, and doubtful taxa attributed to Chile shown in non bold face italic font. Names placed in synonymy are indented and shown in a smaller font, together with the owning taxon and a literature source for the synonymy.

Literature references are given for each taxon. To show the regional distribution for each taxon abbreviations of the regions and the names of the provinces from where it is recorded, are provided. The abbreviations of the regions follow the scheme of Table 1. The regional distribution is given in the order from north to south. For the recently created Los Ríos region (region XIV) it was impossible to recheck all the literature sources to find out whether the records are from province Valdivia or from the newly created province Ranco. Therefore for records from this region no detailed provincial distribution is provided.

Acaulon uleanum Müll. Hal.

Ireland et al. 2007. **Dist.** VIII. Concepción.

Acaulon spec.

Matcham et al. 2007. **Dist.** XII. Magallanes.

Achrohynella subenervis Herzog = *Vesiculariopsis spirifolium* fide Seki 1974.

Achrophyllum anomalum (Schwägr.) H. Rob.

Larraín 2007b; Larraín 2007a; He 1998; Robinson 1975; Matteri & Schiavone 2002 (as *Pterygophyllum anomalum*, Espinosa 1941; Mitten 1869; Dusén 1903b; Cardot 1908; Brotherus 1924b; Herzog 1954; Bartram 1957; as *Pterygophyllum obscurum*, Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Brotherus 1924b; Reimers 1926; as *Pterygophyllum obscurum* fo. *thermalis*, Herzog & Schwabe 1939). **Dist.** IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena; Juan Fernández Is.

Achrophyllum anomalum var. ***pallidum*** (Cardot & Broth.) S. He

(as *Pterygophyllum anomalum* var. *pallidum*, Cardot & Brotherus 1923). **Dist.** XI. Capitán Prat.

Achrophyllum crassirete (Matteri) Matteri

Tropicos 2009; Hässel et al. 1984; Larraín 2005; Matteri 1979, 1985b; Deguchi 1991a (as *Pterygophyllum crassirete*, Matteri 1972; Seki 1974). **Dist.** V. Valparaíso; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

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

Villagran et al. 2003; Robinson 1975 (as *Pterygophyllum denticulatum*, Mitten 1869; Dusén 1903b; Cardot 1908; Thériot 1917; Cardot & Brotherus 1923; Brotherus 1924b; Herzog 1954; as *Pterygophyllum dentatum*, Bartram 1957). **Dist.** VI. Colchagua; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena; Juan Fernández Is.

Achrophyllum haesselianum (Matteri) Matteri

Hässel et al. 1984; Buck 2002; He 1998; Matteri 1979, 1985b; Matteri & Schiavone 2002 (as *Pterygophyllum haesselianum*, Matteri 1972; Seki 1974). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Achrophyllum magellanicum (Besch.) Matteri var. ***magellanicum***

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Matteri 1979, 1985b; Deguchi 1991a; Matteri & Schiavone 2002 (as *Pterygophyllum magellanicum*, Dusén 1903b; Cardot 1908; Matteri 1972; Seki 1974). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Achrophyllum magellanicum var. ***oligodontum*** (Matteri) Matteri

Tropicos 2009; Hässel et al. 1984; Buck 2002; Matteri 1979, 1985b; Deguchi 1991a; Matteri & Schiavone 2002 (as *Pterygophyllum magellanicum* var. *oligodontum*, Matteri 1972; Seki 1974). **Dist.** VIII. Biobío, Concepción; IX. Cautín, Malleco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Achrophyllum tenuinerve (Broth.) H. Rob.

Robinson 1975 (as *Pterygophyllum tenuinerve*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957). **Dist.** Juan Fernández Is.

Acrocladium auriculatum (Mont.) Mitt.

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Larraín 2005; Ireland et al. 2007; Buck 2002; Villagran et al. 2003; Schaumann 2005; He 1998; Ochyra & Matteri 2001; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Roivainen 1934; Thériot 1934b; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991a; Matteri & Schiavone 2002 (as *Acrocladium chlamydothyllum*, Dusén 1903b; Cardot 1908; as *Lembophyllum auriculatum*, Cardot 1900, 1901, 1905; as *Calliargon auriculatum*, Margadant 1972). **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Acrocladium chlamydothyllum (Hook.f. & Wilson) Müll. Hal. & Broth. = *Acrocladium auriculatum* fide Wijk et al. 1959.

Acrocladium cuspidatum (Hedw.) Lindb. ≡ *Calliargonella cuspidata*.

Acrocladium politum (Hook.f. & Wilson) Mitt. = *Catagonium nitens* subsp. *nitens* var. *nitens* fide Lin 1984.

Acroschisma wilsonii (Hook. f.) A. Jaeger

NY 2009; Müller 2008; Larraín 2005; Buck 2005a; He 1998; Dusén 1903a; Cardot 1908; Roivainen 1937; Seki 1974; Deguchi 1991a; Matteri & Schiavone 2002 (as *Andreaea wilsonii*, Hässel et al. 1984; Mitten 1869; Cardot & Brotherus 1923; Bartram 1952; Herzog 1954; Matteri 1985b; as *Felipponea hollermayeri*, Thériot 1935). **Dist.** XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Aloina catillum (Müll. Hal.) Broth.

Cano et al. 2008a. **Dist.** XV. Parinacota.

Aloina bifrons (De Not.) Delgad.

Cano et al. 2008a; Villagran et al. 2004. **Dist.** IV. Limarí; RM. Cordillera.

Aloina brevisrostris (Hook. & Grev.) Kindb.

Matcham et al. 2007; Matcham & Duckett in Blockeel et al. 2008a. **Dist.** XII. Magallanes.

Aloina roseae (R.S. Williams) Delgad.

Delgadillo 1973; Jiménez & Cano 2007 (as *Crossidium roseae*, Bartram 1943, 1952, 1953). **Dist.** II. Antofagasta; III. Copiapó; IV. Elqui.

Aloinella andina Delgad. ≡ *Aloinella galeata* var. *andina*.

Aloinella galeata var. *andina* (Delgad.) Delgad. & Schiavone

(as *Aloinella andina*, Cano 2003). **Dist.** XV. Parinacota.

Amblyodon dealbatus (Sw. ex Hedw.) Bruch & Schimp.

Matteri & Schiavone 2002; Matteri & Ochyra 1999. **Dist.** XII. Tierra del Fuego.

Amblystegium chilense Lorentz = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Amblystegium excurrens Cardot & Broth. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Amblystegium fuegianum Mitt. = *Warnstorfia fluitans* fide Ochyra & Matteri 2001.

Amblystegium jaffueli Thér. = *Leptodictyum riparium* fide Ireland et al. 2007.

Amblystegium philonotis Dusén, nom. nud. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Amblystegium serpens (Hedw.) Schimp.

Tropicos 2009; Müller 2009; Hässel et al. 1984; He 1998; Cardot & Brotherus 1923; Roivainen 1934; Robinson 1975; Mahu 1981; Matteri 1985b; Deguchi 1991a. **Dist.** IV. Choapa; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Cordillera, Santiago; VII. Talca; VIII. Concepción, Ñuble; XII. Última Esperanza; Juan Fernández Is.

Amblystegium tenellum Cardot & Broth. = *Cratoneuroopsis relaxa* subsp. *minor* fide Ochyra et al. 2008.
Amblystegium uncinatum De Not. var. *symmetricum* (Renauld & Cardot) Dusén ≡ *Sanionia symmetrica*.
Amphidium cyathicarpum (Mont.) Broth. = *Amphidium tortuosum* fide Robinson 1975.

Amphidium lapponicum (Hedw.) Schimp.

Müller in Blockeel et al. 2000; Frahm et al. 2000. **Dist.** VII. Talca; IX. Malleco; Juan Fernández Is.

Amphidium tortuosum (Hornsch.) Cufod.

Tropicos 2009; Frahm et al. 2000; He 1998; Müller & Pereira 2006; Robinson 1975 (as *Amphidium cyathicarpum*, Hässel et al. 1984; Espinosa 1941; Costes 1921; Cardot 1908; Thériot 1917, 1921; Brotherus 1924b; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1957; Matteri 1985b; Deguchi 1991b). **Dist.** V. San Antonio, Valparaíso; RM. Cordillera; VI. Colchagua; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Palena; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Anacolia aurea Dusén, *nom. nud.*, Dusén 1903b.

Anacolia subsessilis (Taylor) Broth. = *Anacolia laevisphaera* fide Herzog 1960.
Anacolia subsessilis var. *brevifolia* Broth. = *Anacolia laevisphaera* fide Flower in Grout 1935.

Ancistrodes genuflexa (Müll. Hal.) Crosby

Larraín 2007b; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Kuc 1996; Deguchi 1991b (as *Duseniella genuflexa*, Cardot 1908; Herzog 1922, 1954, 1960; Reimers 1926; Thériot 1934b; Herzog & Schwabe 1939; Seki 1974; as *Meteorium genuflexum*, Mitten 1869; as *Bryoduseniella genuflexa*, Robinson 1974). **Dist.** VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Andreaea acutifolia Hook.f. & Wilson

Larraín 2005; Mitten 1869; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1937; Seki 1974; Deguchi 1991a; Matteri & Schiavone 2002. **Dist.** VIII. Biobío; IX. Malleco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Tierra del Fuego.

Andreaea alpina Hedw.

Ireland et al. 2007; Mitten 1869; Roivainen 1937; Seki 1974; Robinson 1975; Matteri & Schiavone 2002 (as *Andreaea squamata*, Dusén 1903a; Cardot 1908; as *Andreaea brevifolia*, Dusén 1903a; as *Andreaea parallela* var. *brevifolia*, Cardot 1908; as *Andreaea loricata*, Dusén 1903a, 1903b; Cardot & Brotherus 1923; as *Andreaea pseudoalpina*, Dusén 1903a, Cardot 1908, Deguchi 1991a). **Dist.** VIII. Ñuble; X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego; Juan Fernández Is.

Andreaea appendiculata Schimp.

Mitten 1869; Dusén 1903b; Cardot 1908; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena.

Andreaea brevifolia Dusén = *Andreaea alpina* fide Roivainen 1937.

Andreaea flabellata Müll. Hal.

NY 2009; Greene 1968; Matteri & Schiavone 2002 (as *Andreaea grimmioides*, Dusén 1903a; Cardot & Brotherus 1923; Roivainen 1937; as *Andreaea pumila*, Herzog 1954). **Dist.** XI. Aisén; XII. Antártica Chilena, Tierra del Fuego.

Andreaea flexuosa R.Br. bis

NY 2009. **Dist.** XII. Antártica Chilena (*Buck 46204*, NY).

Andreaea fuegiana (Cardot) S.W. Greene

Greene 1968; Matteri & Schiavone 2002 (as *Neoloma fuegianum*, Donat 1936; as *Neuroloma fuegianum*, Cardot & Brotherus 1923; Roivainen 1937). **Dist.** XI. Aisén; XII. Tierra del Fuego.

Andreaea grimmioides Dusén = *Andreaea flabellata* fide Greene 1968.

Andreaea latinervis E.B. Bartram

Roivainen 1937; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.

Andreaea laxifolia Hook.f. & Wilson

- Mitten 1869; Dusén 1903b; Cardot 1908; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena.
- Andreaea laxifolia* var. *minor* Hook.f. & Taylor
Cardot 1908; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena
- Andreaea leiophylla* Cardot ex G. Roth
Cardot & Brotherus 1923; Roivainen 1937; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.
Andreaea loricata Dusén = *Andreaea alpina* fide Roivainen 1937.
- Andreaea marginata* Hook.f. & Wilson
Mitten 1869; Dusén 1903a, 1903b; Cardot 1908; Herzog 1954; Matteri & Schiavone 2002. **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes.
- Andreaea mutabilis* Hook.f. & Wilson
NY 2009; He 1998; Dusén 1903b; Roivainen 1937; Matteri & Schiavone 2002. **Dist.** IX. Cautín; X. Osorno; XII. Antártica Chilena, Magallanes, Tierra del Fuego.
- Andreaea nitida* Hook.f & Wilson
Deguchi 1991a; Matteri & Schiavone 2002 (as *Cochlearidium aymaranum*, Ochyra & Mahu 1990). **Dist.** XV. Paríacota; XII. Magallanes.
- Andreaea pachyphylla* (Müll. Hal.) Broth.
Dusén 1903a; Roivainen 1937; Herzog 1954; Schultze-Motel 1970; Matteri & Schiavone 2002 (as *Andreaea pachyphylla* var. *acutifolia*, Dusén 1903a; Cardot 1908). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego.
Andreaea pachyphylla var. *acutifolia* Dusén = *Andreaea pachyphylla* fide Schultze-Motel 1970.
Andreaea parallela Müll. Hal. var. *brevifolia* (Dusén) Cardot = *Andreaea alpina* fide Roivainen 1937.
- Andreaea patagonica* Dusén
Dusén 1903a; Cardot 1908; Cardot & Brotherus 1923; Matteri & Schiavone 2002. **Dist.** XI. Aisén; XII. Tierra del Fuego.
- Andreaea pilifera* Herzog ex Thér.
Herzog 1937. **Dist.** XI. Aisén.
Andreaea pseudoalpina Müll. Hal. = *Andreaea alpina* fide Matteri 2003a.
- Andreaea pseudomutabilis* Dusén
NY 2009; Dusén 1903a; Deguchi 1991a; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena, Magallanes.
Andreaea pseudosubulata Müll. Hal. = *Andreaea subulata* fide Schultze-Motel 1970.
- Andreaea pulvinatula* Dusén, *nom. nud.*, Dusén 1903b.
Andreaea pumila Cardot = *Andreaea flabellata* fide Greene 1968.
- Andreaea purpurascens* (Dusén) G. Roth
Matteri & Schiavone 2002 (as *Andreaea remotifolia* var. *purpurascens*, Dusén 1903a). **Dist.** XII. Magallanes.
Andreaea pycnotyla Cardot = *Andreaea regularis* fide Ochyra 1998.
Andreaea pygmaea Cardot = *Andreaea regularis* fide Greene 1968.
- Andreaea regularis* Müll. Hal.
Goffinet et al. 2006; Buck 2002; Seki 1974; Deguchi 1991a; Matteri & Schiavone 2002 (as *Andreaea pygmaea*, Cardot & Brotherus 1923; as *Andreaea verruculosa*, Roivainen 1937; Bartram 1952). **Dist.** IX. Malleco; X. Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego.
- Andreaea remotifolia* Dusén
Tropicos 2009; Dusén 1903a; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena, Magallanes.
Andreaea remotifolia var. *purpurascens* Dusén = *Andreaea purpurascens*.
- Andreaea rupestris* Hedw.
Hässel et al. 1984; Ireland et al. 2007; He 1998; Bartram 1952; Matteri & Schiavone 2002. **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Cautín; X. Osorno; XII. Magallanes.
- Andreaea squarrosa* Mitt.

Donat 1936; Herzog 1954. **Dist.** XI. Aisén.

Andreaea squamata Müll. Hal. = *Andreaea alpina* fide Robinson 1975.

Andreaea subulata Harv.

Müller 2009; Ireland et al. 2007; Mitten 1869; Dusén 1903a; Roivainen 1937; Schultze-Motel 1970; Seki 1974; Deguchi 1991a; Matteri & Schiavone 2002 (as *Andreaea subulata* var. *perichaetialis*, Dusén 1903b; Cardot 1908; as *Andreaea subulata* var. *rigida*, Dusén 1903b; as *Andreaea pseudosubulata*, Cardot 1908). **Dist.** VII. Talca; VIII. Biobío, Ñuble; IX. Malleco; X. Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego.

Andreaea subulata var. *perichaetialis* (Hook.f. & Wilson) Müll. Hal. = *Andreaea subulata* fide Schultze-Motel 1970.

Andreaea subulata var. *rigida* Harv. & Müll. Hal. = *Andreaea subulata* fide Dixon 1929.

Andreaea vaginalis Herzog

Donat 1936; Seki 1974. **Dist.** XI. Aisén.

Andreaea vermicularis Dusén, *nom. nud.*, Dusén 1903b.

Andreaea verruculosa Cardot = *Andreaea regularis* fide Greene 1968.

Andreaea wilsonii Hook.f. = *Acroschisma wilsonii*.

Anisothecium campylophyllum (Taylor) Mitt. = *Dicranella campylophylla*.

Anisothecium cardotii (R.Br. bis) Ochyra = *Dicranella campylophylla* fide Ochyra et al. 2008.

Anisothecium elegans (Duby) Thér.

Thériot 1934b; Herzog & Hosseus 1938 (as *Aongstroemia elegans*, Herzog 1922). **Dist.** XIV. Valdivia/Ranco; X. Llanquihue.

Anisothecium fontanum (Herzog) Ochyra

(as *Ditrichum fontanum*, Herzog 1954). **Dist.** X. Osorno.

Anisothecium hookeri (Müll. Hal.) Broth. = *Dicranella hookeri*.

Anisothecium hookeri var. *minus* Cardot & Thér.

Thériot 1929b. **Dist.** XII. Magallanes.

Anisothecium jamesonii Mitt. = *Anisothecium vaginatum* fide Matteri 2003a.

Anisothecium krausei Lorentz = *Symplepharis krausei*.

Anisothecium paludella (Besch.) Broth. = *Neomeesia paludella*.

Anisothecium perpusillum Dusén = *Dicranella hookeri* fide Newton 1977.

Anisothecium persquarrosum (Dusén) Broth. = *Dicranella campylophylla* fide Matteri & Schiavone 2002.

Anisothecium pseudorufescens (Cardot & Broth.) Broth.

(as *Dicranella pseudorufescens*, Cardot & Brotherus 1923). **Dist.** XII. Magallanes.

Anisothecium pseudorufescens var. *leptocladus* (Cardot & Broth.) Kühnem.

(as *Dicranella pseudorufescens* var. *leptoclada*, Cardot & Brotherus 1923). **Dist.** XII. Magallanes.

Anisothecium skottsbergii (Cardot & Broth.) Broth.

Herzog 1954 (as *Dicranella skottsbergii*, Cardot & Brotherus 1923). **Dist.** X. Osorno; XII. Magallanes.

Anisothecium vaginatum (Hook.) Mitt.

Tropicos 2009; He 1998; Thériot 1934b (as *Aongstroemia vaginata*, Dusén 1905b; as *Anisothecium jamesonii*, Mitten 1869; Herzog & Hosseus 1938; Herzog & Schwabe 1939).

Dist. RM. Santiago; VIII. Arauco, Biobío; XIV. Valdivia/Ranco; X. Llanquihue, Osorno.

Anoetangium patagonicum Cardot & Broth. = *Hymenostylium recurvirostrum* fide Matteri & Schiavone 2002.

Anoetangium tenerrimum Müll. Hal. = *Gymnostomum tenerrimum* fide Wijk & Margadant 1959.

Anomobryum filiforme (Dicks.) Husn. = *Anomobryum julaceum* fide Abramov & Abramova 1983.

Anomobryum julaceum (Schrad. ex P. Gaertn., B. Mey. & Scherb.) Schimp.

Tropicos 2009 (as *Anomobryum filiforme*, Espinosa 1941; He 1998; Brotherus 1924a; Cardot & Brotherus 1923; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; as *Bryum filiforme*, Seki 1974; Ochi 1980; Deguchi 1991a). **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; X. Llanquihue, Osorno; XI. Aisén.

Anomobryum humillimum (Müll. Hal. ex E. Britton) Broth.

(as *Bryum humillimum*, Ochi 1990; Deguchi 1991a). **Dist.** X. Llanquihue.

Anomobryum laxirete Cardot & Broth. = *Bryum microimbricatum* fide Ochi 1982.

Anomobryum prostratum (Müll. Hal.) Besch.

- (as *Bryum prostratum*, Ochi 1980). **Dist.** V. Valparaíso.
Aongstroemia elegans (Dusén) Broth. = *Anisothecium elegans*.
- Aongstroemia gayana*** (Mont.) Müll. Hal.
 Tropicos 2009; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Mitten 1869; Dusén 1905b; Thériot 1921; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; Deguchi 1991a; Costes 1921. **Dist.** V. Valparaíso; RM. Santiago; VII. Cauquenes, Linares, Talca; VIII. Bío-bío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.
Aongstroemia persquarrosa Dusén = *Dicranella campylophylla* fide Matteri & Schiavone 2002.
Aongstroemia vaginata (Hook.f.) Müll. Hal. = *Anisothecium vaginatum*.
Apalodium australe (Hook.f. & Wilson) Mitt. = *Orthodontium lineare* fide Matteri & Schiavone 2002.
- Aptychella chilensis*** Herzog
 He 1998; Herzog 1954; Seki 1974. **Dist.** XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén.
- Archidium julaceum*** Müll. Hal.
 He 1998; Thériot 1918, 1924. **Dist.** V. San Antonio, Valparaíso; IX. Malleco.
- Archidium ohioense*** Schimp. ex Müll. Hal.
 He 1998. **Dist.** V. Valparaíso.
- Arctoa fulvella*** (Dicks.) Bruch & Schimp.
 Ochyra & Buck 2003. **Dist.** XII. Antártica Chilena.
Asteriscium deciduum Hilp. = *Didymodon deciduus*.
Asteriscium geniculatum (Mont.) Herzog = *Didymodon australasiae* fide Jiménez et al. 2005.
Asteriscium poeppigianum (Müll. Hal.) Hilp. = *Didymodon vinealis* fide Sollman 1995.
- Astomiopsis pacifica*** W.R.Buck & Landrum
 Barrera 2006; He 1998; Buck & Landrum 1977. **Dist.** V. San Antonio, Valparaíso; Juan Fernández Is.
Astomum chilense R.S. Williams = *Trichostomum williamsii* fide Zander 1993.
Astomum recurvirostre (Müll. Hal.) G. Roth = *Weissia diffidentia* fide Zander 1993.
- Atractylocarpus patagonicus*** Herzog & Thér.
 Herzog & Thériot 1933; Padberg & Frahm 1985. **Dist.** VIII. Concepción.
- Atrichopsis compressa*** (Hook.f. & Wilson) G. L. Sm.
 Hässel et al. 1984; Matteri 1985b; Matteri & Schiavone 2002 (as *Psilopilum compressum*, Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Herzog & Schwabe 1939; Herzog 1954; as *Atrichopsis magellanica*, Cardot & Brotherus 1923). **Dist.** X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
Atrichopsis magellanica Cardot = *Atrichopsis compressa* fide Smith 1969.
Atrichum rigidum Lorentz = *Hebantia rigida*.
Aulacomnium chilense Müll. Hal. = *Pyrrhobryum mnioides* fide Wijk et al. 1959.
- Aulacomnium palustre*** (Hedw.) Schwägr.
 He 1998; Dusén 1903b; Matteri 1985b; Matteri 1988; Matteri & Schiavone 2002. **Dist.** V. Valparaíso; IX. Cautín; XII. Tierra del Fuego.
Austrophilbertiella ditrichoidea (Cardot) Ochyra = *Ditrichum ditrichoideum*.
Austrophilbertiella nitens (Herzog) Ochyra = *Ditrichum nitens*.
Barbula andersonii (Ångström) A. Jaeger = *Syntrichia glacialis* fide Müller 2009.
Barbula antarctica Hampe = *Syntrichia antarctica*.
Barbula arenae Besch. = *Henediella arenae*.
Barbula arenicola Dusén = *Pseudocrossidium crinitum* fide Zander 1993.
Barbula australasiae Hook.f. & Grev. = *Didymodon australasiae* fide Zander 1978.
- Barbula austrogracilis*** Dusén
 Dusén 1906a. **Dist.** VI. Colchagua.
Barbula berteriana Müll. Hal. = *Tortula platyphylla* fide Cano & Gallego 2008.
- Barbula calycina*** Schwägr.
 (as *Tortula calycina*, Mitten 1869). **Dist.** Chile, without exact locality.
- Barbula calyculosa*** (Mitt.) A. Jaeger
 Herzog 1954. **Dist.** X. Osorno.
Barbula cardotii Dusén = *Didymodon cardotii*.

- Barbula chrysopila* Müll. Hal. = *Syntrichia princeps* fide Matteri & Schiavone 2003.
Barbula conotricha Müll. Hal. = *Syntrichia glacialis* fide Müller 2009.
Barbula conotricha var. *fagicola* Müll. Hal. = *Syntrichia glacialis* fide Matteri 2003a.

***Barbula convoluta* Hedw.**

- Ireland et al. 2007. **Dist.** VIII. Concepción.

***Barbula costesii* Thér.**

- Buck 2002; Thériot 1921. **Dist.** V. Valparaíso; XII. Antártica Chilena.
Barbula densifolia Hook.f. & Wilson = *Henediella densifolia*.
Barbula depressa Sull. = *Pseudocrossidium crinitum* fide Zander 1993.
Barbula depressa var. *denticulata* (Dusén) Thér. = *Pseudocrossidium crinitum* fide Zander 1993.
Barbula flagellaris Schimp. = *Syntrichia flagellaris*.
Barbula flagellaris var. *denticulata* Dusén = *Pseudocrossidium crinitum* fide Zander 1993.
Barbula flagellaris var. *gracilis* Dusén = *Pseudocrossidium crinitum* fide Zander 1993.

***Barbula flavidopilosa* Dusén, nom. nud., Dusén 1903b.**

- Barbula fuegiana* (Mitt.) A. Jaeger = *Syntrichia magellanica* fide Matteri 2003a.
Barbula fusca Müll. Hal. = *Didymodon fuscus*.
Barbula fuscinervia (Mitt.) A. Jaeger = *Didymodon pruinosus* fide Jiménez & Cano 2008.
Barbula fuscoviridis Broth. = *Didymodon fuscus* fide Jiménez & Cano 2006.
Barbula geniculata (Mont.) Müll. Hal. = *Didymodon australasiae* fide Jiménez et al. 2005.
Barbula graminicolor Müll. Hal. subsp. *subgraminicolor* Thér. = *Tortula platyphylla* fide Cano & Gallego 2008.
Barbula kunzeana Müll. Hal. = *Henediella kunzeana*.
Barbula laevigata (Mitt.) A. Jaeger = *Didymodon laevigatus*.

***Barbula lamprocalyx* Müll. Hal.**

- Brotherus 1924c. **Dist.** Chile, without exact locality.
Barbula lechleri Müll. Hal. = *Syntrichia magellanica* fide Zander 1993.
Barbula marginatoserrata Dusén, nom. nud. = *Syntrichia serrulata* fide Müller 2009.

Barbula microruncinata* Dusén, nom. nud., Dusén 1903b.**Barbula muralis* var. *australis* Hampe, nom. inval.*****Barbula nanophylla* Dusén, nom. nud., Dusén 1903b.**

- Barbula oliviensis* Cardot = *Pseudocrossidium crinitum* fide Müller 2009.
Barbula pachyneura Dusén = *Pseudocrossidium leucocalyx* fide Wijk et al. 1959.
Barbula patagonica (Müll. Hal.) A. Jaeger = *Didymodon patagonicus*.
Barbula perangusta Dusén, nom. nud. = *Henediella densifolia* fide Müller 2009.

***Barbula perfirma* Dusén, nom. nud., Roivainen 1934.**

- Barbula perrubiginosa* Dusén = *Syntrichia glacialis* fide Zander 1993.
Barbula pilifera (Hook.f.) Brid. = *Pseudocrossidium crinitum* fide Zander 1993.

***Barbula pilifera* fo. *elata* Thér.**

- Thériot 1934b. **Dist.** RM. Santiago.
Barbula poeppigiana Müll. Hal. = *Didymodon australasiae* fide Jiménez et al. 2005.

***Barbula purpurascens* Dusén**

- Dusén 1906a; Cardot 1908; Herzog & Hosseus 1938; Herzog 1960. **Dist.** IX. Cautín; XIV. Valdivia/Ranco; XI. Aisén.

- Barbula pusilla* (Ångström) Müll. Hal. = *Syntrichia magellanica* fide Zander 1993.

***Barbula pycnophylla* Cardot**

- Dusén 1906a; Bartram 1952. **Dist.** XI. Coihaique.
Barbula replicata Taylor = *Pseudocrossidium replicatum*.
Barbula rigidula (Hedw.) Mitt. = *Didymodon rigidulus*.
Barbula robusta (Hook.f. & Grev.) Brid. = *Syntrichia robusta*.
Barbula ruralis Hedw. = *Syntrichia ruralis*.
Barbula santessonii E.B. Bartram = *Didymodon santessonii*.

***Barbula santiagensis* Broth.**

- Ireland et al. 2007; He 1998; Dusén 1906b; Thériot 1934b. **Dist.** IV. Limarí; V. San Antonio, Valparaíso; RM. Santiago; VIII. Concepción.

***Barbula santiagensis* var. *piligera* Broth.**

- Dusén 1906b. **Dist.** RM. Santiago; IX. Malleco.
Barbula serrulata (Hook. & Grev.) Brid. = *Syntrichia serrulata*.
Barbula subgraminicolor Thér., nom. inval. = *Tortula platyphylla* fide Cano & Gallego 2008.

***Barbula unguiculata* Hedw.**

- Müller 2009; Deguchi 1991b; Frey & Schaumann 2002; Schaumann 2005. **Dist.** IV. Limarí; RM. Santiago; VII. Talca; XII. Última Esperanza.
- Barbula ventanae* Müll. Hal. *ex Paris, nom. inval.*, Brotherus 1924c.
Bartramia ambigua Mont. = *Bartramia stricta* fide Matteri 1985a.
Bartramia aristata Schimp. *ex Müll. Hal.* = *Bartramia ithyphylloides* fide Fransén 2004b.
- Bartramia australis* Sw., *hom. illeg.*
- Bartramia belloioella*** B.H. Allen & Ireland
Müller 2009; Allen & Ireland 2007. **Dist.** VII. Talca; VIII. Arauco, Ñuble.
Bartramia carinata Mitt. = *Breutelia plicata* fide Matteri 1985a.
Bartramia chilensis Lorentz = *Breutelia dumosa* fide Griffin 1988.
Bartramia cygnea Mont. = *Philonotis cygnea*.
Bartramia dumosa (Mitt.) Mitt. = *Breutelia dumosa*.
Bartramia fernandeziana Cardot = *Bartramia ithyphylloides* fide Fransén 2004b.
Bartramia fontanoides Gillies & Grev. = *Philonotis fontanoides*.
Bartramia halleriana var. *brachydonta* Kab. = *Bartramia mossmaniana* fide Fransén 2004a.
- Bartramia ithyphylla*** subsp. *patens* (Brid.) Fransén
Fransén 2004b (as *Bartramia patens*, Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Larraín 2007a; Buck 2002; He 1998; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1934; Bartram 1952; Seki 1974; Robinson 1975; Matteri 1985a, 1985b; Matteri & Schiavone 2002; as *Bartramia leucocolea* var. *glaucoflava*, Cardot & Brotherus 1923). **Dist.** RM. Chacabuco, Santiago; VI. Colchagua; VII. Curicó, Linares; VIII. Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.
- Bartramia ithyphylloides*** Schimp. *ex Müll. Hal.*
Müller & Pereira 2006; Fransén 2004b; Dusén 1903b; Cardot 1908; Thériot 1934b; Roivainen 1934; Herzog & Schwabe 1939; Herzog 1954; Seki 1974; Matteri 1985a, 1985b; Deguchi 1991a (as *Bartramia ithyphylla*, Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Buck 2002; Villagran et al. 2003; Schaumann 2005; He 1998; Matteri & Schiavone 2002; as *Bartramia aristata*, Dusén 1903b; Cardot 1908; Thériot 1918, 1934b; Brotherus 1924b; Reimers 1926; Herzog & Hosseus 1938; Bartram 1957; Robinson 1975; as *Bartramia fernandeziana*, Brotherus 1924b; as *Bartramia ithyphylla* var. *arenae*, Dusén 1903b; Cardot 1908; as *Bartramia leptophylla*, Cardot & Brotherus 1923). **Dist.** RM. Cordillera; VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.
Bartramia leptophylla Cardot & Broth. = *Bartramia ithyphylloides* fide Fransén 2004b.
Bartramia leucocolea Cardot var. *glaucoflava* Broth. & Cardot = *Bartramia ithyphylla* subsp. *patens* fide Fransén 2004b.
Bartramia magellanica Ångström, *hom. illeg.* = *Bartramia mossmaniana* fide Fransén 2004a.
- Bartramia mossmaniana*** Müll. Hal.
Tropicos 2009; Goffinet et al. 2006; Fransén 2004 (as *Bartramia halleriana*, Tropicos 2009; Hässel et al. 1984; Matcham et al. 2007; Larraín 2005; Buck 2002; Villagran et al. 2003; Schaumann 2005; He 1998; Cardot 1908; Herzog 1922; Cardot & Brotherus 1923; Thériot 1935; Roivainen 1934; Herzog & Hosseus 1938; as *Bartramia halleriana*, Mitten 1869; Bartram 1952; Seki 1974; Matteri 1985a, 1985b; Deguchi 1991a; Matteri & Schiavone 2002; as *Bartramia magellanica*, Mitten 1869; Dusén 1903b). **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.
Bartramia patens Brid. = *Bartramia ithyphylla* subsp. *patens*.
Bartramia patens var. *minor* Dusén = *Bartramia ithyphylla* subsp. *patens* fide Fransén 2004b.
Bartramia patens var. *robusta* (Hook.f. & Wilson) Matteri = *Bartramia robusta*.
Bartramia plicata (Mitt.) Mitt. = *Breutelia plicata*.
- Bartramia potosica*** Mont.

Ireland et al. 2007. **Dist.** VIII. Ñuble.

Bartramia pusilla Sull., *hom. illeg.* = *Philonotis scabrifolia* fide Wijk et al. 1959.

Bartramia reticulata P. Beauv. = *Bartramia ithyphylla* subsp. *patens* fide Fransén 2004b.

Bartramia robusta Hook.f. & Wilson

Cardot 1908 (as *Bartramia patens* var. *robusta*, Hässel et al. 1984; Matcham et al. 2007; Matteri 1985a, 1985b; Matteri & Schiavone 2002; as *Exodokidium donati*, Herzog 1937; as *Breutelia robusta*, Dusén 1903b). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Bartramia rupestris Mitt. = *Breutelia plicata* fide Matteri 1985a.

Bartramia stricta Brid.

Tropicos 2009; Hässel et al. 1984; He 1998; Matteri 1985a; Deguchi 1991a; Matteri 1985b; Matteri & Schiavone 2002 (as *Bartramia ambigua*, Espinosa 1941; Pereira et al. 2006; Müller & Pereira 2006, Mitten 1869; Thériot 1917; Brotherus 1924a; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1952; Seki 1974; Costes 1921). **Dist.** IV. Choapa, Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante; VI. Cachapoal, Cardenal Caro, Colchagua; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Bartramia vagans Hook.f. & Wilson = *Philonotis vagans*.

Bartramidula cygnea (Mont.) Paris = *Philonotis cygnea*.

Bartramidula exigua (Sull.) A. Jaeger = *Philonotis scabrifolia* fide Wijk et al. 1967.

Blindia antarctica Müll. Hal. = *Hymenoloma antarcticum*.

Blindia arcuata Mitt. = *Blindia magellanica* fide Dixon 1914.

Blindia auriculata Müll. Hal. = *Holodontium strictum* fide Ochyra 1993.

Blindia brevipes Müll. Hal. = *Hymenoloma antarcticum* fide Ochyra et al. 2008.

Blindia churuccana Besch. = *Kiaeria pumila* fide Ochyra 1993.

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

Dusén 1903b; Cardot 1908. **Dist.** XI. Aisén; XII. Magallanes.

Blindia curviseta Mitt. = *Blindia magellanica* fide Bartlett & Vitt 1986.

Blindia globularis Dusén = *Blindia magellanica* fide Dixon 1914.

Blindia humilis Müll. Hal. = *Kiaeria pumila* fide Ochyra 1993.

Blindia inundata (Cardot) Cardot

NY 2009; Roivainen 1937; Herzog 1960; Matteri & Schiavone 2002; Frahm 2001a (as *B. magellanica* var. *inundata*, Hässel et al. 1984; Herzog & Schwabe 1939; Matteri 1985b). **Dist.** XIV. Valdivia/Ranco; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Blindia leptotrichocarpa Müll. Hal. = *Ditrichum hookeri* fide Cardot in Dixon 1914.

Blindia lygodipoda Müll. Hal. = *Blindia magellanica* fide Bartlett & Vitt 1986.

Blindia magellanica Schimp. var. *magellanica*

Tropicos 2009; Müller 2009; Hässel et al. 1984; Buck 2002; Ireland & Bellolio 2002; He 1998; Dusén 1903b; Cardot 1908; Thériot 1921; Cardot & Brotherus 1923; Roivainen 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; Matteri 1985b; Deguchi 1991b; Matteri & Schiavone 2002 (as *Blindia arcuata*, Mitten 1869; Dusén 1903b; Cardot 1908; as *Blindia curviseta*, Hässel et al. 1984; Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934, 1937; Herzog & Schwabe 1939; Matteri 1985b; as *Blindia globularis*, Dusén 1903b, 1905b; Cardot 1908; *Blindia pseudolygodipoda*, Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** VII. Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Palena; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Easter I.

Blindia magellanica var. *inundata* (Cardot) Herzog = *Blindia inundata*.

Blindia praticola Cardot & Broth. = *Blindia magellanica* fide Bartlett & Vitt 1986.

Blindia pseudolygodipoda Cardot = *Blindia magellanica* fide Bartlett & Vitt 1986.

Blindia pseudorobusta Dusén = *Blindia robusta* fide Matteri 1985b.

Blindia robusta Hampe

NY 2009; Hässel et al. 1984; Matteri 1985b; Matteri & Schiavone 2002 (as *Blindia pseudorobusta*, Dusén 1903b, 1905b; Roivainen 1937; as *Blindia tenuifolia*, Mitten 1869; Dusén 1905b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1937; Herzog & Hosseus 1938; Herzog 1954). **Dist.** XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Blindia savatieriana Müll. Hal. = *Kiaeria pumila* fide Ochyra 1993.

Blindia skottsbergii Cardot fo. *robusta* Cardot = *Chorisodontium aciphyllum* fide Ochyra et al. 2008.

Blindia subinclinata Müll. Hal. = *Hymenoloma crispulum* fide Ochyra 1998.

Blindia sulphurea Dusén, *nom. nud.* = *Hymenoloma crispulum* fide Cardot 1908.

Blindia tenuifolia (Hook.f. & Wilson) Mitt. = *Blindia robusta* fide Matteri 1985b.

Blindia torrentium Cardot & Broth.

Müller 2009; Deguchi 1991b; Matteri & Schiavone 2002. **Dist.** XIV. Valdivia/Ranco; XII. Magallanes.

Brachymenium acuminatum Harv.

Ireland et al. 2007; He 1998; Ochi 1980, 1982 (as *Brachymenium meyenianum* var. *ellipticum*, Thériot 1928; as *Bryum ellipticum*, Mitten 1869). **Dist.** IV. Choapa; V. San Antonio; RM. Santiago; VI. Colchagua; VII. Curicó, Linares; VIII. Arauco, Biobío, Concepción, Ñuble.

Brachymenium chilense Ochi & Mahu

Ochi & Mahu 1988. **Dist.** V. San Antonio; RM. Cordillera; VI. Cachapoal.

Brachymenium ellipticum A. Jaeger = *Brachymenium acuminatum* fide Ochi 1980.

Brachymenium exile (Dozy & Molk.) Bosch & Sande Lac.

Ireland et al. 2007 (as *Brachymenium porteri*, Thériot 1925). **Dist.** VIII. Concepción; IX. Cautín.

Brachymenium indicum (Dozy & Molk.) Bosch & Sande Lac.

Ireland & Bellolio 2002; He 1998. **Dist.** RM. Santiago; Easter I.

Brachymenium magellanicum (Sull.) Paris

Dusén 1903b; Ochi 1982; Matteri & Schiavone 2002 (as *Bryum magellanicum*, Mitten 1869; as *Peromnion magellanicum*, Sullivant 1850). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego.

Brachymenium meyenianum (Hampe) A. Jaeger

Herzog & Schwabe 1939; Herzog 1954 (as *Bryum meyenianum*, Mitten 1869). **Dist.** V. Valparaíso; VIII. Ñuble.

Brachymenium meyenianum var. *ellipticum* (Mitt.) Thér. = *Brachymenium acuminatum* fide Ochi 1980.

Brachymenium porteri Thér. = *Brachymenium exile* fide Ochi 1980, 1982.

Brachymenium robertii Broth.

Tropicos 2009; He 1998; Ochi 1982. **Dist.** RM. Santiago; VI. Cachapoal; VIII. Concepción.

Brachysteleum chimborazense (Spruce ex Mitt.) Thér. var. *obtusifolium* Thér. ≡ *Ptychomitrium hieronymi* var. *obtusifolium* fide Cao et al. 2006.

Brachysteleum deltorii Thér. ≡ *Ptychomitrium deltorii*.

Brachysteleum fernandezianum (Mitt.) Thér. ≡ *Ptychomitrium fernandezianum*.

Brachytheciastrum collinum (Schleich. ex Müll. Hal.) Ignatov & Huttunen

(as *Brachythecium collinum*, Müller 2009). **Dist.** XI. General Carrera.

Brachytheciastrum microcollinum (E.B. Bartram) Ignatov & Huttunen

(as *Brachythecium microcollinum*, Larraín 2007a; Roivainen 1934; Bartram 1946; McFarland 1988). **Dist.** VIII. Ñuble; X. Chiloé; XII. Tierra del Fuego.

Brachytheciastrum paradoxum (Hook. f. & Wilson) Ignatov & Huttunen

(as *Brachythecium paradoxum*, Tropicos 2009; Müller 2009; Hässel et al. 1984; Buck 2002; He 1998; Matteri & Schiavone 2002; Cardot 1901; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934; Herzog 1954; Seki 1974; Matteri 1985b; McFarland 1988; Deguchi 1991a; as *Hypnum paradoxum*, Mitten 1869). **Dist.** RM. Cordillera; VII. Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Brachythecium albicans (Hedw.) Schimp.

Larraín 2007b; Larraín 2005; Buck 2002; Villagran et al. 2003; McFarland 1988; Matteri & Schiavone 2002 (as *Brachythecium morenoi*, Dusén 1903b; Cardot 1908; as *Brachythecium sericeo-virens*, Cardot 1908; Seki 1974; Deguchi 1991a; as *Brachythecium spurio-albicans*, Dusén 1903b). **Dist.** RM. Santiago; VIII. Ñuble; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Brachythecium austroglareosum (Müll. Hal.) Paris

Ochyra et al. 2008; Hässel et al. 1984; Larraín 2007a; Buck 2002; McFarland 1988; Matteri & Schiavone 2002 (as *Brachythecium georgicoglareosum*, Cardot 1908; Bartram 1952; as *Brachythecium patagonicum*, Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** X. Chiloé; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.

Brachythecium austrosalebrosum (Müll. Hal.) Paris

Hässel et al. 1984; He 1998; Seki 1974; Matteri 1985b; McFarland 1988; Matteri & Schiavone 2002. **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Brachythecium cavifolium Herzog

Frey & Schaumann 2002; Schaumann 2005. **Dist.** IX. Cautín.

Brachythecium collinum (Schleich. ex Müll. Hal.) Schimp. = *Brachytheciastrum collinum*.

Brachythecium conostomum (Taylor) A. Jaeger

Ireland et al. 2007; He 1998; Reimers 1926; Herzog & Hosseus 1938; McFarland 1988 (as *Brachythecium grandirete*, Brotherus 1925; as *Brachythecium pumilum*, Dusén 1905a). **Dist.** VIII. Arauco, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue.

Brachythecium cuspidarioides Dusén = *Brachythecium subplicatum* fide McFarland 1988.

Brachythecium filirepens Dusén = *Sciuro-hypnum filirepens*.

Brachythecium flagellare (Hedw.) Jenn., nom. inval. = *Sciuro-hypnum plumosum* fide McFarland 1988.

Brachythecium fuegianum Broth. = *Sciuro-hypnum fuegianum*.

Brachythecium georgicoglareosum (Müll. Hal.) Paris = *Brachythecium austrosalebrosum* fide Ochyra et al. 2008.

Brachythecium glaciale Schimp. = *Sciuro-hypnum glaciale*.

Brachythecium grandirete Müll. Hal. = *Brachythecium conostomum* fide McFarland 1988.

Brachythecium longidecurrans E.B. Bartram = *Sciuro-hypnum filirepens* fide McFarland 1988.

Brachythecium longidens (Müll. Hal.) Paris

Matteri & Schiavone 2002 (as *Stereophyllum fuegianum*, Dusén 1903b; Cardot 1908). **Dist.** XII. Antártica Chilena.

Brachythecium macrogynum Cardot = *Brachythecium subpilosum* fide McFarland 1988.

Brachythecium majusculum Dusén, nom. nud. = *Sciuro-hypnum fuegianum* fide Ochyra et al. 2008.

Brachythecium majusculum M.E. Newton = *Sciuro-hypnum fuegianum* fide Ochyra et al. 2008.

Brachythecium microcollinum E.B. Bartram = *Brachytheciastrum microcollinum*.

Brachythecium morenoi Müll. Hal. = *Brachythecium albicans* fide McFarland 1988.

Brachythecium paradoxum (Hook.f. & Wilson) A. Jaeger = *Brachytheciastrum paradoxum*.

Brachythecium patagonicum Cardot & Broth. = *Brachythecium austroglareosum* fide McFarland 1988.

Brachythecium plumosum (Hedw.) Schimp. = *Sciuro-hypnum plumosum*.

Brachythecium praelongum Schimp. ex Müll. Hal.

Buck 2002; Schaumann 2005; Frey & Schaumann 2002; McFarland 1988 (as *Brachythecium trachyaete*, Dusén 1905a). **Dist.** IX. Cautín; XI. Aisén; XII. Antártica Chilena.

Brachythecium pumilum Dusén = *Brachythecium conostomum* fide McFarland 1988.

Brachythecium rutabulum (Hedw.) Schimp.

NY 2009; Tropicos 2009; Müller 2009; He 1998; Reimers 1926; McFarland 1988; Matteri & Schiavone 2002 (as *Brachythecium rivulare*, Thériot 1934b). **Dist.** VII. Talca; VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé; XII. Antártica Chilena, Magallanes.

Brachythecium sericeo-virens (Müll. Hal.) Kindb., nom. obs. = *Brachythecium austroglareosum* fide Matteri & Schiavone 2002.

Brachythecium spegazzinii (Müll. Hal.) Paris = *Hypnum spegazzinii*.

Brachythecium spuri-albicans Müll. Hal. = *Brachythecium albicans* fide McFarland 1988.

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

Tropicos 2009; Ochyra et al. 2008; Hässel et al. 1984; Buck 2002; Villagran et al. 2003; Schaumann 2005; He 1998; Cardot 1908; Matteri 1985b; McFarland 1988; Matteri &

Schiavone 2002 (as *Brachythecium macrogynum*, Seki 1974; Deguchi 1991a; as *Hypnum subpilosum*, Mitten 1869). **Dist.** VIII. Biobío, Ñuble; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Brachythecium subplicatum (Hampe) A. Jaeger

Tropicos 2009; Müller 2009; Goffinet et al. 2006; Hässel et al. 1984; Buck 2002; He 1998; Cardot 1908; Roivainen 1934; Herzog & Schwabe 1939; Seki 1974; Matteri 1985b; McFarland 1988; Deguchi 1991a; Matteri & Schiavone 2002 (as *Brachythecium cuspidarioides*, Dusén 1903b, 1905a; as *Brachythecium turgens*, Dusén 1903b, 1905a; Herzog 1922, 1954). **Dist.** VII. Talca; VIII. Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Brachythecium subtilicaule Dusén, *nom. nud.* = *Sciuro-hypnum filirepens* fide McFarland 1988.

Brachythecium trachychaete Dusén = *Brachythecium praelongum* fide McFarland 1988.

Brachythecium turgens Dusén = *Brachythecium subplicatum* fide McFarland 1988.

Braunia chilensis Broth., *nom. nud.* = *Hedwigidium chilense*, *nom. nud.*, fide Fleischer 1920.

Braunia spec.

De Luna & Biasuso 2001. **Dist.** Chile, without exact locality.

Breutelia affinis (Hook.) Mitt.

Griffin 1986. **Dist.** X. Chiloé.

Breutelia angustiretis E.B. Bartram

Hässel et al. 1984; Bartram 1946; Seki 1974; Matteri 1973c, 1985a, 1985b; Matteri & Schiavone 2002. **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Breutelia aureola (Besch. ex Müll. Hal.) Besch.

NY 2009; Hässel et al. 1984; He 1998; Dusén 1903b; Cardot 1908; Herzog 1954; Matteri 1973c, 1985a, 1985b; Griffin 1988; Deguchi 1991a; Matteri & Schiavone 2002. **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Breutelia brachycoma Besch. = *Breutelia dumosa* fide Matteri 1973c.

Breutelia chilensis (Lorentz) Paris = *Breutelia dumosa* fide Herzog 1954.

Breutelia chrysura (Müll. Hal.) Broth. = *Breutelia integrifolia* fide Matteri 1973c.

Breutelia cuspidatissima (Müll. Hal.) Paris = *Breutelia polygastrica* fide Griffin 1988.

Breutelia dumosa Mitt.

Díaz et al. 2008; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934; Herzog & Schwabe 1939; Herzog 1954; Seki 1974; Matteri 1973c, 1985a, 1985b; Griffin 1988; Deguchi 1991a; Matteri & Schiavone 2002 (as *Bartramia dumosa*, Mitten 1869; as *Breutelia brachycoma*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Herzog & Schwabe 1939; as *Breutelia chilensis*, Cardot 1908; Herzog 1922; Roivainen 1934; Herzog & Schwabe 1939; as *Bartramia chilensis*, Lorentz 1866). **Dist.** VIII. Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

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

Hässel et al. 1984; Dusén 1903b; Matteri 1981, 1985b. **Dist.** XII. Magallanes, Última Esperanza.

Breutelia glabrifolia Dusén = *Breutelia integrifolia* fide Matteri 1973c.

Breutelia graminicola (Müll. Hal.) Broth. = *Breutelia integrifolia* fide Matteri 1973c.

Breutelia hariotiana (Besch. ex Müll. Hal.) Besch. = *Breutelia plicata* fide Brotherus 1902-1909.

Breutelia integrifolia (Taylor) A. Jaeger

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Buck 2002; He 1998; Cardot 1908; Roivainen 1934; Herzog 1954; Seki 1974; Matteri 1973c, 1985a, 1985b; Deguchi 1991a; Matteri & Schiavone 2002 (as *Breutelia chrysura*, Thériot 1924, 1925; Herzog 1954; as *Breutelia glabrifolia*, Dusén 1903b, 1905a; Cardot 1908; as *Breutelia graminicola*, Cardot & Brotherus 1923; as *Breutelia skottsbergii*, Cardot & Brotherus 1923). **Dist.** VIII. Biobío,

Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Breutelia masafuerae* Broth.**

Brotherus 1924b; Bartram 1957; Robinson 1975; Griffin 1988; Müller 2002 (as *Breutelia subplicata* var. *masafuerae*, Matteri 1973c). **Dist.** X. Llanquihue, Palena; Juan Fernández Is.

***Breutelia plicata* Mitt.**

Hässel et al. 1984; Schaumann 2005; He 1998; Mitten 1869; Dusén 1903b; Reimers 1926; Herzog 1954; Seki 1974; Matteri 1973c, 1985a, 1985b; Griffin 1988; Deguchi 1991a; Matteri & Schiavone 2002 (as *Bartramia plicata*, Mitten 1869; as *Bartramia carinata*, Mitten 1869; as *Breutelia hariotiana*, Dusén 1903b; Cardot & Brotherus 1923; as *Bartramia rupestris*, Mitten 1869; as *Breutelia rupestris*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; *Breutelia subelongata*, Dusén 1903b, 1905a; Herzog & Schwabe 1939). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.

Breutelia robusta (Hook.f. & Wilson) A. Jaeger = *Bartramia robusta*.

Breutelia rupestris (Mitt.) A. Jaeger = *Breutelia plicata* fide Matteri 1973c.

Breutelia skottsbergii Cardot = *Breutelia integrifolia* fide Matteri 1973c.

Breutelia subelongata Broth. = *Breutelia plicata* fide Matteri 1973c.

***Breutelia subplicata* Broth.**

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Thériot 1911, 1934b, 1935; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954, 1960; Seki 1974; Robinson 1975; Matteri 1973c, 1985a, 1985b; Griffin 1988; Deguchi 1991a; Matteri & Schiavone 2002. **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Breutelia subplicata var. *masafuerae* (Broth.) Matteri = *Breutelia masafuerae*.

***Breutelia tomentosa* (Sw. ex Brid.) A. Jaeger**

Ireland et al. 2007. **Dist.** VIII. Concepción.

***Bruchia hampeana* Müll. Hal.**

(as *Sporledera hampeana*, Mitten 1969). **Dist.** „E regno chilensi“, without exact locality. Note: Rushing (1986) left this species untreated.

Bryodusenia genuflexa (Müll. Hal.) H. Rob. = *Ancistrodes genuflexa*.

***Bryoerythrophyllum berthoanus* (Thér.) J.A. Jiménez**

Jiménez 2007 (as *Didymodon berthoanus*, Thériot 1926). **Dist.** V. Valparaíso; RM. Talagante; VII. Curicó.

***Bryoerythrophyllum bolivianum* (Müll. Hal.) R.H. Zander**

Cano et al. 2008b. **Dist.** XV. Parinacota.

***Bryoerythrophyllum campylocarpum* (Müll. Hal.) H.A. Crum**

He 1998; Robinson 1975 (as *Didymodon calymperidictyon*, Brotherus 1924b; Bartram 1957; as *Didymodon linearis*, Brotherus 1924b). **Dist.** IX. Cautín; Juan Fernández Is.

Bryoerythrophyllum fuscinerivium (Mitt.) R.H.Zander = *Didymodon pruinosus* fide Jiménez & Cano 2008.

***Bryoerythrophyllum jamesonii* (Taylor) H.A. Crum**

Zander 1978. **Dist.** Juan Fernández Is.

***Bryoerythrophyllum recurvirostrum* (Hedw.) P.C. Chen**

Buck 2002; Matteri & Schiavone 2002; Hässel et al. 1984. **Dist.** XII. Antártica Chilena, Última Esperanza.

Bryopterteria chilensis Thér. = *Camptodontium cryptodon* fide Reimers 1936.

***Bryum aerugo* Dusén, nom. nud.**, Dusén 1903b.

***Bryum algovicum* Sendtn. ex Müll. Hal.**

Schaumann 2005; Ochi 1980, 1990; Deguchi 1991a; Matteri & Schiavone 2002 (as *Bryum rigochaete*, Dusén 1903b; Cardot & Brotherus 1923). **Dist.** XII. Magallanes, Última Esperanza.

Bryum alpinum With.

Larraín & Ochya in Blockeel et al. 2008b. **Dist.** X. Palena.

Bryum amblyodon Müll. Hal. = *Bryum archangelicum* fide Holyoak 2004.

Bryum amblyolepis Cardot = *Bryum argenteum* var. *muticum* fide Ochya et al. 2008.

Bryum andicola Hook.f. = *Bryum billardieri* fide Ochi 1980.

Bryum anisodontaceum Dusén, *nom. nud.*, Dusén 1903b.

Bryum anomobryoides Cardot & Broth. = *Bryum dichotomum* fide Ochya 2008.

Bryum archangelicum Bruch & Schimpf.

Ochya et al. 2008 (as *Bryum amblyodon*, Buck 2004; Ochi 1980, 1990; Deguchi 1991a; Matteri & Schiavone 2002; as *Bryum inclinatum* var. *magellanicum*, Cardot 1900, 1901, 1908; Herzog 1922). **Dist.** RM. Santiago; XII. Antártica Chilena, Magallanes, Tierra del Fuego.

Bryum arenae Müll. Hal. = *Bryum argenteum* fide Brotherus 1904.

Bryum argenteum Hedw.

Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Larraín 2005; Ireland et al. 2007; Pereira et al. 2006; Buck 2002; Villagran et al. 2003; Ireland & Bellolio 2002; Cardot 1908; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Robinson 1975; Matteri 1985b; Ochi 1990; Deguchi 1991a; Matteri & Schiavone 2002 (as *Bryum arenae*, Dusén 1903b; Cardot 1908; as *Bryum candicans*, Thériot 1918; as *Bryum griseum*, Thériot 1917; Costes 1921; as *Bryum amblyolepis*, Costes 1921). **Dist.** V. Valparaíso; VII. Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.; Easter I.

Bryum argenteum var. *lanatum* (P. Beauv.) Hampe

Brotherus 1924; Espinosa 1941. **Dist.** Easter I.

Bryum argenteum var. *muticum* Brid.

Ochya et al. 2008 (as *Bryum ellipsifolium*, Seki 1974; Ochi 1982; as *Bryum myurella*, Dusén 1903b, 1905a). **Dist.** XI. Aisén; XII. Tierra del Fuego.

Bryum aspillagae Thér. = *Bryum dichotomum* fide Ochi 1980.

Bryum australe Hampe

Ochi 1982; Deguchi 1991a (as *Pohlia magnifica*, Hässel et al. 1984; He 1998; Matteri 1985b; as *Webera magnifica*, Herzog 1954). **Dist.** V. San Antonio; X. Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza.

Bryum austro-chilense E.B. Bartram = *Bryum mucronatum* fide Ochi 1982.

Bryum austropolare Cardot = *Bryum pseudotriquetrum* fide Ochi 1970.

Bryum beyrichianum (Hornsch.) Müll. Hal.

Mitten 1869; Ochi 1981 (as *Rhodobryum beyrichianum*, Reimers 1926). **Dist.** XIV. Valdivia/Ranco.

Bryum bicolor Dicks. = *Bryum dichotomum* fide Ochi 1980.

Bryum billardieri Schwägr.

Larraín 2007b; Larraín 2005; Pereira et al. 2006; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Ochi 1980, 1982, 1990; Deguchi 1991a (as *Bryum andicola*, Tropicos 2009; Matcham et al. 2007; Mitten 1869; Herzog & Hosseus 1938; Herzog & Schwabe 1939; as *Bryum lechleri*, Espinosa 1941; Muñoz & Pisano 1947; Thériot 1915, 1918, 1935; Herzog 1922; Brotherus 1924a, 1924b; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Robinson 1975; as *Bryum valdiviae*, Lorentz 1864). **Dist.** IV. Limarí; V. Aconcagua; RM. Santiago; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; Juan Fernández Is.

Bryum brachychaete Cardot & Broth. = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum brachycarpum E.B. Bartram = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum brevigenmatum Dusén, *nom. nud.* = *Bryum clavatum* fide Ochi 1980.

Bryum caespiticium Hedw.

Buck 2002; Seki 1974; Matteri & Schiavone 2002. **Dist.** XI. Aisén. XII. Antártica Chilena.

Bryum campoanum Thér.

Larraín 2007b; Thériot 1926; Ochi 1982. **Dist.** IX. Malleco; X. Chiloé.

Bryum campylothecium Taylor

Ochi 1980, 1982 (as *Bryum jaffueli*, Thériot 1926). **Dist.** IV. Choapa; V. Valparaíso; IX. Malleco.

Bryum canariense Brid.

Ochi 1980. **Dist.** XIV. Valdivia/Ranco.

Bryum candicans Taylor = *Bryum argenteum* fide Ochi 1980.

Bryum capillare Hedw.

Matcham et al. 2007; Buck 2002; Seki 1974; Ochi 1980, 1982, 1990; Deguchi 1991a (as *Bryum chilense*, Herzog 1922; *Bryum philippianum*, Mitten 1869; Herzog & Hosseus 1938; Herzog 1954; as *Bryum puconense*, Herzog & Hosseus 1938). **Dist.** VIII. Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes.

Bryum capillare subsp. *torquescens* (Bruch ex De Not.) Kindb. = *Bryum torquescens*.

Bryum chilense Reichardt = *Bryum capillare* fide Ochi 1980.

Bryum chiloense Thér. = *Bryum clavatum* fide Ochi 1980.

Bryum chorizodontum Cardot & Broth.

Barrera 2006; Cardot & Brotherus 1923. **Dist.** XII. Magallanes.

Bryum chryseum Mitt.

Bartram 1957; Robinson 1975; Ochi 1980, 1982. **Dist.** V. Valparaíso; Juan Fernández Is.

Bryum clavatum (Schimp.) Müll. Hal.

Buck 2002; Matteri & Schiavone 2002; Mitten 1869; Ochi 1980; Deguchi 1991a (as *Bryum brevigemmatum*, Dusén 1903b; as *Bryum chiloense*, Thériot 1926; as *Bryum cochlaerifolium*, Donat 1936, Herzog 1960; as *Bryum concavifolium*, Thériot 1926; Costes 1921; Herzog & Schwabe 1939; as *Bryum erythrocarpoides*, Seki 1974; as *Bryum fernandezianum*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975; as *Bryum microphyllum* and *Bryum pycnotylum*, Cardot & Brotherus 1923; as *Bryum reichertii*, Herzog 1926). **Dist.** V. Valparaíso; VII. Linares; VIII. Concepción; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena; Juan Fernández Is.

Bryum cochlaerifolium Cardot & Broth. = *Bryum clavatum* fide Ochi 1980.

Bryum coelophyllum D.C. Eaton

Matteri & Schiavone 2002; Eaton 1892. **Dist.** XII. Magallanes.

Bryum concavifolium Thér. = *Bryum clavatum* fide Ochi 1980.

Bryum coronatum Schwägr.

Mitten 1869; Seki 1974; Ochi 1980. **Dist.** XI. Aisén.

Bryum corralense Herzog & Thér. = *Bryum dichotomum* fide Ochi 1980.

Bryum crassinervium Lorentz = *Bryum paradoxum* fide Ochi 1980.

Bryum delitescens Cardot

Cardot & Brotherus 1923; Matteri & Schiavone 2002. **Dist.** XII. Magallanes.

Bryum demissum Dusén, *nom. nud.*, Dusén 1903b.

Bryum densifolium Brid.

Ireland et al. 2007. **Dist.** VIII. Ñuble.

Bryum dicarpum E.B. Bartram = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum dichotomum Hedw.

Hässel et al. 1984; He 1998; Matteri & Schiavone 2002; Ochi 1980, 1990; Mahu 1981; Matteri 1985b; Deguchi 1991a (as *Bryum aspillagae*, Thériot 1917; Costes 1921; as *Bryum bicolor*, Pereira et al. 2006; Seki 1974; as *Bryum corralense*, Herzog & Hosseus 1938; as *Bryum miserum*, Cardot 1908; Herzog & Schwabe 1939; as *Bryum urbanskyi*, Matteri & Schiavone 2002; Ochi 1982; as *Bryum anomobryooides*, Cardot & Brotherus 1923; as *Bryum laetevirens*, Cardot & Brotherus 1923; Herzog 1954; Ochi 1982). **Dist.** V. Valparaíso; RM. Santiago; VII. Talca; VIII. Concepción; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza, Tierra del Fuego.

Bryum donatii Thér.

Thériot 1934b; Donat 1936; Ochi 1982. **Dist.** XI. Aisén.

Bryum elegantulum Lorentz

Brotherus 1924a; Espinosa 1941. **Dist.** VIII. Concepción.

Bryum ellipsifolium Müll. Hal. = *Bryum argenteum* var. *muticum* fide Ochrya et al. 2008.

Bryum ellipticum Mitt. = *Brachymenium acuminatum* fide Ochi 1980.

Bryum erythrocarpoides Müll. Hal. & Hampe = *Bryum clavatum* fide Ochi 1980.

Bryum fernandezianum Broth. = *Bryum clavatum* fide Ochi 1980.

Bryum filiforme Dicks. = *Anomobryum julaceum* fide Abramov & Abramova 1983.

Bryum flavopallidum Dusén, *nom. nud.*, Dusén 1903b.

Bryum flexisetum Mitt. = *Bryum pallescens* fide Ochi 1980.

Bryum fuegianum E.B. Bartram = *Bryum uliginosum* fide Ochi 1982.

Bryum funkii Schwägr.

Buck 2002; Ochi 1982 (as *Bryum pertenerum*, Thériot 1926). **Dist.** IX. Malleco; XII. Antártica Chilena, Tierra del Fuego.

Bryum gayanum Mont.

Larraín 2007b; Buck 2002; Mitten 1869; Ochi 1982. **Dist.** X. Chiloé; XI. Aisén; XII. Antártica Chilena.

Bryum gemmatum Müll. Hal.

Dusén 1903b; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.

Bryum gilliesii Hook.

Ireland et al. 2007; Mitten 1869; Ochi 1982; Ochi & Mahu 1988. **Dist.** V. Valparaíso; VIII. Biobío, Ñuble; XIV. Valdivia/Ranco.

Bryum gracili-torquescens Müll. Hal. in sched., *nom. nud.*, Thériot 1917, 1918; Costes 1921.

Bryum griseum Dusén ex Thér. = *Bryum argenteum* fide Ochi 1980.

Bryum hamatum Dusén, *nom. nud.* = *Bryum viridescens* fide Ochi 1977.

Bryum heterophyllum Cardot & Broth., *hom. illeg.* = ? *Bryum archangelicum* fide Ochi 1982.

Bryum hickenii Herzog = *Bryum pseudotriquetrum* fide Seki 1974.

Bryum humillimum Müll. Hal. ex Britt. = *Anomobryum humillimum*.

Bryum inclinatum (Brid.) Bland. var. *magellanicum* Cardot = *Bryum archangelicum* fide Ochrya et al. 2008.

Bryum jaffueli Thér. = *Bryum campylotheceum* fide Ochi 1980.

Bryum kermesinum Herzog & Thér. = *Bryum subapiculatum* fide Ochi 1980.

Bryum laetevirens Cardot & Broth. = *Bryum dichotomum* fide Ochrya et al. 2008.

Bryum laevigatum Hook.f. & Wilson

Hässel et al. 1984; Larraín 2007a; Buck 2002; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1935; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; Seki 1974; Thériot 1934b; Ochi 1980; Matteri 1985b; Deguchi 1991a (as *Bryum submicrolaevigatum*, Cardot & Brotherus 1923). **Dist.** VIII. Biobío; XI. Aisén; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Bryum lamprochaete Dusén

Dusén 1903b; Cardot & Brotherus 1923; Matteri & Schiavone 2002. **Dist.** XII. Magallanes.

Bryum lechleri Müll. Hal. = *Bryum billardieri* fide Ochi 1980.

Bryum leuco-aristatum Dusén, *nom. nud.*, Dusén 1903b.***Bryum liliputanum*** Dusén, *nom. nud.*, Dusén 1903b.***Bryum lonchochaete*** Dusén, *nom. nud.*, Dusén 1903b.

Bryum longidens Thér. = *Bryum pseudocapillare* fide Ochi 1980.

Bryum macrochaete Cardot = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum macropelma Müll. Hal. = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum macrophyllum Cardot & Broth.

Hässel et al. 1984; Matteri & Schiavone 2002; Matteri 1985b; Ochi 1990; Deguchi 1991a. **Dist.** X. Chiloé; XI. Aisén; XII. Última Esperanza.

Bryum macrosporum E.B. Bartram

Bartram 1946; Matteri & Schiavone 2002. **Dist.** XII. Magallanes, Tierra del Fuego.

Bryum magellanicum (Sull.) Müll. Hal. = *Brachymenium magellanicum*.

Bryum malacophyllum Cardot & Broth. = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum megalothecium Thér. = *Bryum orthothecium* fide Ochi 1982.

Bryum meyenianum Hampe = *Brachymenium meyenianum*.

- Bryum microimbricatum*** Ochi
Matteri & Schiavone 2002; Ochi 1982 (as *Anomobryum laxirete*, Cardot & Brotherus 1923).
Dist. XII. Tierra del Fuego.
Bryum microphyllum Cardot & Broth. = *Bryum clavatum* fide Ochi 1980.
- Bryum minusculum*** Müll. Hal.
Dusén 1903b; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.
Bryum miserum Cardot = ? *Bryum dichotomum* fide Ochi 1980.
- Bryum mucronatum*** Mitt.
Matteri & Schiavone 2002 (as *Bryum obscurum*, Cardot & Brotherus 1923; as *Bryum austro-chilense*, Roivainen 1934; Bartram 1946; as *Bryum roivaineni*, Bartram 1946). **Dist.** VIII. Ñuble; XII. Magallanes, Tierra del Fuego.
- Bryum muehlenbeckii*** Bruch & Schimp.
Ochi 1982 (as *Bryum porteri*, Thériot 1926). **Dist.** V. San Antonio; RM. Cordillera, Santiago.
Bryum myurella Dusén = *Bryum argenteum* var. *muticum* fide Ochya et al. 2008.
- Bryum nivale*** Müll. Hal.
Buck 2002; Mitten 1869; Ochi 1982. **Dist.** VIII. Biobío; XII. Antártica Chilena.
Bryum obscurum Cardot & Broth., *hom. illeg.* = *Bryum mucronatum* fide Ochi 1982.
- Bryum orbiculatifolium*** Cardot & Broth.
NY 2009; Buck 2002; Cardot & Brotherus 1923; Herzog 1954; Ochi 1982, 1990; Deguchi 1991a. **Dist.** VIII. Biobío; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Última Esperanza.
- Bryum orthothecium*** Cardot & Broth.
Larraín 2007b; Barrera 2006; Cardot & Brotherus 1923; Ochi 1982; Ochi & Mahu 1988 (as *Bryum megalothecium*, Thériot 1926; Bartram 1943). **Dist.** II. Antofagasta; VIII. Concepción; X. Chiloé, Osorno; XII. Magallanes.
- Bryum pachythea*** Müll. Hal.
Ochi 1982. **Dist.** V. San Antonio.
- Bryum pallens*** Sw.
Buck 2002; Matteri & Schiavone 2002; Ochi 1982 (as *Bryum pauperculum*, Bartram 1946).
Dist. XII. Antártica Chilena, Magallanes, Tierra del Fuego.
- Bryum pallescens*** Schleich ex Schwägr.
Hässel et al. 1984; Matteri & Schiavone 2002; Ochi 1982; Matteri 1985b (as *Bryum flexisetum*, Bartram 1943). **Dist.** III. Atacama; XII. Magallanes, Última Esperanza.
- Bryum paradoxum*** Schwägr.
Ochi 1980 (as *Bryum crassinervium*, Lorentz 1866, Costes 1921). **Dist.** V. Valparaíso; XIV. Valdivia/Ranco.
Bryum parvulum Cardot, *hom. illeg.* = *Bryum uliginosum* fide Ochi 1982.
Bryum pauperculum E.B. Bartram = *Bryum pallens* fide Ochi 1982.
- Bryum perlombatium*** Cardot
Hässel et al. 1984; Villagran et al. 2004; Schaumann 2005; Matteri & Schiavone 2002; Cardot 1908; Herzog 1922, 1954; Cardot & Brotherus 1923; Seki 1974; Ochi 1982; Matteri 1985b (as *Bryum pseudothyridium*, Bartram 1946). **Dist.** IV. Limarí; IX. Cautín; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
Bryum pertenerum Thér. = *Bryum funkii* fide Ochi 1982.
Bryum philippianum Müll. Hal. = *Bryum capillare* fide Ochi 1980.
- Bryum platyphyllum*** (Schwägr.) Müll. Hal.
Mitten 1869; Ochi 1982 (as *Bryum tenuicaule*, Mitten 1869; Costes 1921). **Dist.** V. Valparaíso; VIII. Biobío.
Bryum pleuricolor Dusén ex Thér. = *Bryum dichotomum* fide Ochi 1980.
Bryum porteri Thér. = *Bryum muehlenbeckii* fide Ochi 1982.
Bryum prostratum Müll. Hal. = *Anomobryum prostratum*.
- Bryum pseudocapillare*** Besch.
Ochi 1980, 1982 (as *Bryum longidens*, Thériot 1926; Costes 1921). **Dist.** V. Valparaíso.

Bryum pseudothyridium E.B. Bartram = *Bryum perlimbatum* fide Ochi 1982.

Bryum pseudotriquetrum (Hedw.) Schwägr.

Larraín 2007b; Hässel et al. 1984; Larraín 2007a; Buck 2002; Matteri & Schiavone 2002; Bartram 1952; Seki 1974; Ochi 1980, 1990; Matteri 1985b; Deguchi 1991a (as *Bryum austropolare*, Thériot 1934b; as *Bryum brachycarpum*, Bartram 1946; as *Bryum brachychaete*, Cardot & Brotherus 1923; as *Bryum dicarpum*, Bartram 1946; as *Bryum hickenii*, Herzog 1926; as *Bryum macrochaete*, Herzog 1954; as *Bryum macropelma*, Mitten 1869; as *Bryum malacophyllum*, Herzog 1954; as *Bryum steffenii*, Herzog 1926; Seki 1974; as *Bryum weberoides*, Cardot & Brotherus 1923). **Dist.** RM. Santiago; X. Chiloé, Llanquihue; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Bryum puconense Herzog & Thér. = *Bryum capillare* fide Ochi 1982.

Bryum pycnotylum Cardot & Broth. = *Bryum clavatum* fide Ochi 1980.

Bryum reichertii Herzog = *Bryum clavatum* fide Ochi 1980.

Bryum revolutum Müll. Hal.

Ireland et al. 2007. **Dist.** VIII. Concepción.

Bryum rigochaete Dusén = *Bryum algovicum* fide Ochi 1980.

Bryum roivaineni E.B. Bartram = *Bryum mucronatum* fide Ochi 1982.

Bryum rubens Mitt.

Ochi & Mahu 1988. **Dist.** RM. Santiago.

Bryum rubromarginatum Ochi

He 1998; Ochi 1982, 1990; Deguchi 1991a (as *Rhodobryum chilensis*, Thériot 1924). **Dist.** RM. Santiago.

Bryum sauteri Bruch & Schimp.

Arts 1995. **Dist.** V. Valparaíso.

Bryum schleicheri Schwägr. fo. *heterophyllum* Thér. = *Bryum turbinatum* fo. *heterophyllum* fide Podpěra 1973.

Bryum steffenii Dusén ex Herzog = *Bryum pseudotriquetrum* fide Ochi 1980.

Bryum subapiculatum Hampe

Ochi 1980, 1990; Deguchi 1991a (as *Bryum kermesinum*, Herzog & Schwabe 1939). **Dist.** X. Llanquihue; XI. Aisén.

Bryum subclavatum Thér.

Thériot 1926. **Dist.** IX. Malleco.

Bryum subgracillimum Thér.

Thériot 1926. **Dist.** VIII. Concepción.

Bryum submicrolaevigatum Cardot & Broth. = *Bryum laevigatum* fide Ochi 1980.

Bryum sublamprocarpus Cardot & Broth. = *Bryum uliginosum* fide Ochi 1982.

Bryum tenuicaule Mont. = *Bryum platyphyllum* fide Ochi 1982.

Bryum tenuirete Dusén, *nom. nud.*, Dusén 1903b; Cardot 1908.

Bryum torquescens Bruch ex De Not.

Larraín 2007b; Mitten 1869; Thériot 1928. **Dist.** VII. Linares; X. Chiloé.

Bryum turbinatum (Hedw.) Turner

Schaumann 2005; Seki 1974; Ochi 1982 (as *Bryum uspallatense*, Herzog 1916). **Dist.** V. Valparaíso; RM. Santiago; VIII. Ñuble; IX. Cautín; XI. Aisén; XII. Magallanes.

Bryum turbinatum (Hedw.) Turner fo. *heterophyllum* (Thér.) Podp.

(as *Bryum schleicheri* fo. *heterophyllum*, Thériot 1926). **Dist.** RM. Maipo.

Bryum turbinatum var. *patagonicum* Broth., *nom. nud.*, Herzog 1922.

Bryum uliginosum (Brid.) Bruch & Schimp.

Buck 2002; Matteri & Schiavone 2002; Ochi 1982 (as *Bryum fuegianum*, Bartram 1946; as *Bryum parvulum*, Cardot & Brotherus 1923; as *Bryum sublamprocarpus*, Cardot & Brotherus 1923). **Dist.** XI. Aisén; XII. Antártica Chilena, Tierra del Fuego.

Bryum urbanskyi Broth. = *Bryum dichotomum* fide Ochya et al. 2008.

Bryum uspallatense Herzog = *Bryum turbinatum* fide Ochi 1982.

Bryum valparaisense Thér.

- Ireland et al. 2007; Arts et al. 1995; Thériot 1917; Herzog & Hosseus 1938; Ochi 1982; Costes 1921. **Dist.** V. Valparaíso; RM. Santiago; VIII. Concepción; XIV. Valdivia/Ranco.
- Bryum vernicosum* Dusén, *hom. illeg.*, Dusén 1903b; Cardot & Brotherus 1923.
- Bryum viridescens*** Welw. & Duby
Ochi 1982 (as *Bryum hamatum*, Dusén 1903b; Muñoz & Pisano 1947). **Dist.** IV. Limarí; South Chile.
Bryum weberoides Cardot & Broth. = *Bryum pseudotriquetrum* fide Ochi 1980.
- Bryum zeballosicum*** Cardot & Broth.
Ochi 1982. **Dist.** RM. Santiago.
- Bucklandiella bartramii*** (Roiv.) Roiv.
(as *Racomitrium bartramii*, Tropicos 2009; He 1998; Matteri & Schiavone 2002; Robinson 1975; Deguchi 1984, 1987; as *Bucklandia bartramii*, Roivainen 1955b). **Dist.** IX. Malleco, X. Llanquihue; Juan Fernández Is.
- Bucklandiella crispipila*** (Taylor) Ochyra & Bednarek-Ochyra
(as *Racomitrium crispipilum*, Larraín 2005; He 1998; Robinson 1975; Deguchi 1984, 1991a; as *Racomitrium geminatum*, Roivainen 1955a; as *Racomitrium integripilum*, Dusén 1906b; Cardot 1908; Herzog 1954; as *Racomitrium striatipilum*, Tropicos 2009; Buck 2002; Hässel et al. 1984; Espinosa 1941; Dusén 1906b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; Thériot 1935; Herzog & Hosseus 1938; Roivainen 1955a; Seki 1974; Matteri 1985b; as *Racomitrium substriatipilum*, Roivainen 1955a). **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza, Tierra del Fuego; Juan Fernández Is.
- Bucklandiella crispula*** (Hook. f. & Wilson) Bednarek-Ochyra & Ochyra
(as *Racomitrium crispulum*, Hässel et al. 1984; He 1998; Bartram 1952, 1957; Robinson 1975; Deguchi 1984, 1987; Matteri 1985b; as *Racomitrium flavescens*, Cardot 1900, 1901; Dusén 1906b; as *Racomitrium heterostichoides* var. *acutifolium*, Dusén 1906b; as *Racomitrium skottsbergii*, Cardot & Brotherus 1923; as *Racomitrium subulifolium*, Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1955a). **Dist.** VIII. Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.
- Bucklandiella didyma*** (Mont.) Ochyra & Bednarek-Ochyra
Ochyra et al. 2008; Matcham et al. 2007 (as *Racomitrium didymum*, Tropicos 2009; Buck 2002; Larraín 2005; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Mitten 1869; Reimers 1926; Thériot 1935; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Seki 1974; Deguchi 1991a; as *Racomitrium nigratum*, Mitten 1869; Dusén 1903b; Cardot 1908; Roivainen 1955a; Robinson 1975; as *Racomitrium symphyodontum*, Espinosa 1941; Dusén 1903b; Dusén 1906b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; Herzog 1954; Roivainen 1955a; Seki 1974; as *Grimmia depressa* var. *terrestris*, Dusén 1903b; as *Racomitrium convolutum*, Mitten 1869; Brotherus 1924b; Herzog & Hosseus 1938; Herzog 1954; as *Racomitrium subrupestre*, Matteri & Schiavone 2002; Roivainen 1955a). **Dist.** VII. Linares, Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.
- Bucklandiella heterostichoides*** (Cardot) Ochyra & Bednarek-Ochyra
(as *Racomitrium heterostichoides*, Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Dusén 1906b; Roivainen 1955a; Matteri 1985b). **Dist.** X. Llanquihue; XII. Antártica Chilena, Magallanes, Última Esperanza.
- Bucklandiella lamprocarpa*** (Müll. Hal.) Ochyra & Bednarek-Ochyra
(as *Racomitrium lamprocarpum*, Tropicos 2009; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Cardot 1908; Deguchi 1991a; as *Racomitrium limbatum*, Bartram 1946; as *Racomitrium looseri*, Thériot 1934b; as *Racomitrium pachyneuron*, Herzog 1954, 1960; Seki

- 1974; as *Racomitrium sublamprocarpum*, Dusén 1903b; as *Racomitrium subnigrum*, Dusén 1903b; Dusén 1906b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; Bartram 1952; Herzog 1954; Roivainen 1955a; Bartram 1957; Seki 1974; as *Racomitrium pachyneuron* fo. *aquaticum*, Herzog & Schwabe 1939). **Dist.** RM. Santiago; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Tierra del Fuego, Última Esperanza; Juan Fernández Is.
- Bucklandiella orthotrichacea*** (Müll. Hal.) Ochyra & Bednarek-Ochyra
(as *Racomitrium orthotrichaceum*, Buck 2002; He 1998; Matteri & Schiavone 2002; Deguchi 1984, 1991a; as *Racomitrium stenocladoides*, Roivainen 1955a; as *Racomitrium stenocladum*, Dusén 1906b; Cardot 1908; Herzog & Hosseus 1938). **Dist.** VII. Talca; XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; XII. Antártica Chilena, Última Esperanza.
- Bucklandiella pachydictyon*** (Cardot) Ochyra & Bednarek-Ochyra
(as *Racomitrium pachydictyon*, Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Herzog & Hosseus 1938; Roivainen 1955a; Seki 1974; Matteri 1985b; as *Racomitrium symphyodontum* var. *muticum*, Dusén 1906b). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.
- Bucklandiella ptychophylla*** (Mitt.) Ochyra & Bednarek-Ochyra
(as *Racomitrium ptychophyllum*, Bartram 1952). **Dist.** XII. Magallanes, Última Esperanza.
- Bucklandiella rupestris*** (Hook. f. & Wilson) Ochyra & Bednarek-Ochyra
(as *Racomitrium rupestre*, Eaton 1892; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Dusén 1906b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1925; Roivainen 1934, 1955b; Deguchi 1984, 1991a; as *Racomitrium stenocladum* var. *obtusum*, Dusén 1906b; as *Racomitrium crispulum* var. *rupestre*, Seki 1974). **Dist.** VIII. Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Osorno, Palena; XI. Aisén. XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza..
- Bucklandiella sudetica*** (Funck) Ochyra & Bednarek-Ochyra
Ochyra et al. 2008 (as *Racomitrium sudeticum*, Matteri & Schiavone 2002; as *Racomitrium andreaeoides*, Herzog 1954; as *Racomitrium austrogeorgicum*, Hässel et al. 1984; Roivainen 1955a; Matteri 1985b; as *Racomitrium austrogeorgicum* var. *kranckii*, Roivainen 1955a). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.
- Callicostella pallida*** (Hornsch.) Ångström
(as *Schizomitrium pallidum*, Deguchi 1991a). **Dist.** X. Osorno.
- Callicostella scabriuscula*** (Müll. Hal.) A. Jaeger
(as *Hookeria scabriuscula*, Mitten 1869). **Dist.** Chile australis, without exact locality.
Calliergidium austro-stramineum (Müll. Hal.) E.B. Bartram = *Warnstorfia fontinaliopsis* fide Ochyra & Matteri 2001.
Calliergon auriculatum (Mont.) Margad. ≡ *Acrocladium auriculatum*.
Calliergon sarmentosum (Wahlenb.) Kindb. ≡ *Warnstorfia sarmentosa*.
Calliergon stramineum (Dicks. ex Brid.) Kindb. = *Straminergon stramineum* (Dicks. ex Brid.) Hedenäs
- Calliergonella cuspidata*** (Hedw.) Loeske
Larraín 2007b; Villagran et al. 2003; He 1998 (as *Acrocladium cuspidatum*, Deguchi 1991a). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue.
- Calyptopogon mnioides*** (Schwägr.) Broth.
Tropicos 2009; Müller 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Buck 2005b; He 1998; Matteri & Schiavone 2002; Dusén 1906a; Cardot 1908; Thériot 1921; Herzog 1922, 1954, 1960; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Calyptopogon crispatus*, Cardot 1908; as *Streptopogon mnioides*, Mitten 1869). **Dist.** V. Valparaíso; RM. Cordillera; VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.
Calyptopogon crispatus (Müll. Hal.) Broth. = *Calyptopogon mnioides* fide Salmon 1903.
- Calyptrochaeta apiculata*** (Hook. f. & Wilson) Vitt var. *apiculata*

- Hässel et al. 1984; Larraín 2007a; Buck 2002 & 2005a; Vitt 1979; Matteri 1985b; Matteri & Schiavone 2002 (as *Eriopus apiculatus*, Mitten 1869; Cardot 1908; Bartram 1952; Herzog 1954; Matteri 1975b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Calyptrochaeta apiculata*** (Hook.f. & Wilson) Vitt var. *spathulata* (Matteri) Matteri (as *Eriopus apiculatus* var. *spathulatus*, Matteri 1975b). **Dist.** VI. Colchagua.
- Calyptrochaeta flexicollis*** (Mitt.) Vitt
Vitt 1979 (as *Eriopus flexicollis*, Cardot & Brotherus 1923; Matteri 1975b). **Dist.** XI. Aisén.
- Calyptrochaeta grandiretis*** (Broth.) H. Rob.
Robinson 1975 (as *Eriopus grandiretis*, Brotherus 1924b; Bartram 1957; Matteri 1975b). **Dist.** Juan Fernández Is.
- Calyptrochaeta leptoloma*** (Broth.) H. Rob.
Robinson 1975 (as *Eriopus leptoloma*, Brotherus 1924b; Matteri 1975b). **Dist.** Juan Fernández Is.
- Calyptrochaeta mollis*** (Besch.) Matteri
(as *Eriopus beschernellei*, Matteri 1975b; as *Distichophyllum molle*, Costes 1921; Dusén 1903b; Cardot 1908; Thériot 1917, 1925; Herzog 1954). **Dist.** V. Valparaíso; VI. Colchagua; IX. Cautín; XI. Aisén; XII. Antártica Chilena, Magallanes.
- Calyptrochaeta odontoloma*** (Dusén ex Matteri) Matteri
Hässel et al. 1984; Larraín 2005; He 1998; Matteri & Schiavone 2002; Matteri 1985b; Deguchi 1991a (as *Eriopus odontoloma*, Matteri 1975b). **Dist.** X. Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza.
Camptochaeta arbusculans Broth. ex E.B. Bartram = *Lembophyllum orbiculatum* fide Robinson 1970.
Camptochaeta gracilis (Hook.f. & Wilson) Paris = *Fallaciella gracilis*.
Camptochaeta orbiculata (Thér.) H. Rob. = *Lembophyllum orbiculatum*.
Camptodontium brotheri Dusén = *Camptodontium cryptodon* fide Reimers 1936.
- Camptodontium brotheri*** var. *grandirete* Dusén
Dusén 1906b; Cardot 1908. **Dist.** IX. Malleco; XII. Tierra del Fuego.
- Camptodontium cryptodon*** (Mont.) Reim.
Müller 2009; Hässel et al. 1984; Larraín 2005; Ireland et al. 2007; He 1998; Herzog & Hosseus 1938; Seki 1974; Deguchi 1991a; Matteri & Schiavone 2002 (as *Dicranoweisia tenella*, Dusén 1903b; as *Camptodontium brotheri*, Dusén 1905a, 1906b; Cardot 1908; Reimers 1926; Herzog 1954, 1960; as *Dicranoweisia cryptodon*, Roivainen 1934; as *Dicranum cryptodon*, Mitten 1869; as *Bryopteris chilensis*, Thériot 1933). **Dist.** RM. Cordillera; VII. Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Última Esperanza.
Campyliadelphus polygamus (Schimp.) Kanda = *Campylium polygamum*.
Campyliadelphus stellatus (Hedw.) Kanda = *Campylium stellatum*.
- Campylium polygamum*** (Schimp.) C.E.O. Jensen
Tropicos 2009; He 1998; Ochrya & Matteri 2001; Seki 1974; Matteri & Schiavone 2002; Hedenäs 2003 (as *Campyliadelphus polygamus*, Hässel et al. 1984; Matteri 1985b). **Dist.** III. Copiapó; V. Petorca, San Antonio, Valparaíso; RM. Chacabuco, Santiago; VI. Colchagua; VIII. Concepción, Ñuble; XIV. Valdivia/Ranco; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.
- Campylium stellatum*** (Hedw.) C.E.O. Jensen
(as *Campyliadelphus stellatus*, Matteri 1985b). **Dist.** XII. Última Esperanza.
- Campylopodium euchlorum*** (Mont.) Matteri
Matteri & Calabrese 1999 (as *Dicranella euchlora*, Mitten 1869; as *Dicranella flexipes*, Cardot & Brotherus 1923; Seki 1974; as *Dicranella costata*, Brotherus 1924b; Robinson 1975; as *Dicranella aulacocarpa*, Mitten 1869). **Dist.** Chile, provinciae meridionalis. XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; Juan Fernández Is.
Campylopodium flaccidum Herzog = *Campylopodium medium* fide Giese & Frahm 1985.

Campylopodium medium (Duby) Giese & J.-P. Frahm

Ireland et al. 2007; He 1998; Frahm 2005; Giese & Frahm 1985 (as *Campylopodium flaccidum*, Herzog 1926; Seki 1974). **Dist.** VIII. Arauco; IX. Malleco; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén.

Campylopus aberrans Broth. = *Campylopus purpureocaulis* subsp. *aberrans*.

Campylopus aberrans var. *viridis* Broth.

Barrera 2006; Brotherus 1924b. **Dist.** Juan Fernández Is.

Campylopus acuminatus Mitt.

Larraín 2007b; Larraín 2007a; He 1998; Frahm 2005; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Frahm 1976; Frahm 1988 (as *Campylopus crassissimus*, Dusén 1903b; Dusén 1905c; Roivainen 1934; Frahm 1976; as *Campylopus fuegianus*, Dusén 1905c; Frahm 1976; as *Campylopus sulphureo-nigritus*, Dusén 1903b, 1905c; Cardot 1908; Herzog 1960; Frahm 1976; as *Campylopus sordido-nigritus*, Dusén 1903b). **Dist.** IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Campylopus acuminatus Mitt. var. *kirkii* (Mitt.) J.-P. Frahm

Frahm 2005. **Dist.** XIV. Valdivia/Ranco.

Campylopus aureonitens (Müll. Hal.) A. Jaeger subsp. *recurvifolius* (Dusén) J.-P. Frahm

Larraín 2007a; He 1998; Frahm 1988 (as *Campylopus recurvifolius*, Dusén 1905c; Herzog & Hosseus 1938; Frahm 1976). **Dist.** VII. Curicó; VIII. Biobío; IX. Cautín; X. Chiloé, Llanquihue.

Campylopus blindioides Broth. = *Campylopus pyriformis* fide Frahm 1988.

Campylopus campoanus Thér. = *Campylopus modestus* fide Frahm 1988.

Campylopus canescens (Müll. Hal.) Schimp. = *Campylopus introflexus* fide Frahm 1988.

Campylopus carbonicolus Thér. = *Campylopus modestus* fide Frahm 1988.

Campylopus chalarobasis Müll. Hal. = *Campylopus incrassatus* fide Frahm 1988.

Campylopus chilensis De Not.

Tropicos 2009; Larraín 2005; Pereira et al. 2006; Frahm 2005; Müller & Pereira 2006; Mitten 1869; Frahm 1988; Matteri & Schiavone 2002 (as *Campylopus flavonigritus*, Dusén 1903b, 1905c; Cardot 1908; Cardot & Brotherus 1923; Frahm 1976; as *Campylopus patagonicus*, Dusén 1905c; Seki 1974; Frahm 1976; Deguchi 1991a). **Dist.** VII. Cauquenes, Talca; XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes.

Campylopus clavatus (R. Br.) Wilson

Tropicos 2009; Larraín 2007b; Larraín 2005; Ireland et al. 2007; Buck 2002; He 1998; Villagran et al. 2003; Ireland & Bellolio 2002; Frahm 2005; Müller & Pereira 2006; Robinson 1975; Frahm 1976; Frahm 1988; Deguchi 1991a (as *Campylopus leptodus*, Mitten 1869; Cardot 1908; Thériot 1925, 1935; Bartram 1952, 1957; as *Pilopogon leptodus*, Dusén 1905c; Herzog 1922; as *Thysanomitrium leptodus*, Brotherus 1924b; Herzog & Hosseus 1938; Herzog & Schwabe 1939; as *Campylopus xanthophyllus*, Thériot 1918; Frahm 1976; as *Campylopus leptodus* fo. *elongata-appressa* Thér., Thériot 1935). **Dist.** V. San Antonio, Valparaíso; VII. Cauquenes, Curicó, Linares; VIII. Arauco, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes; Juan Fernández Is.; Easter I.

Campylopus crassissimus Besch. = *Campylopus acuminatus* fide Frahm 1988.

Campylopus dicranodontioides Broth. = *Campylopus vesticaulis* fide Frahm 1988.

Campylopus fernandezianus E.B. Bartram = *Dicranoloma menziesii* fide Robinson 1975.

Campylopus fibrobasis Dusén = *Campylopus pyriformis* fide Frahm 1988.

Campylopus flavissimus (Müll. Hal.) Besch. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Campylopus flavonigritus Dusén = *Campylopus chilensis* fide Frahm 1988.

Campylopus flavo-viridis Dusén = *Campylopus incrassatus* fide Frahm 1988.

Campylopus flexicaulis Cardot & Thér., *nom. nud.*, Barrera 2006.***Campylopus fragilis*** (Brid.) Bruch & Schimp.

Ireland et al. 2007. **Dist.** VIII. Arauco.

Campylopus fuegianus Dusén = *Campylopus acuminatus* fide Frahm 1988.

Campylopus guaitecae Dusén = *Campylopus vesticaulis* fide Frahm 1988.

Campylopus hamatus Broth. = *Chorisodontium* spec. fide Frahm (1999, 2005)

Roivainen 1937; Frahm 1976; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.

Campylopus hygrophilus Broth. = *Campylopus vesticaulis* fide Frahm 1987.

Campylopus incrassatus Müll. Hal.

Tropicos 2009; Larraín 2007b; Larraín 2007a; He 1998; Buck 2002; Müller & Pereira 2006; Mitten 1869; Dusén 1905c; Thériot 1917; Herzog & Hosseus 1938; Herzog 1960; Frahm 1976; Frahm 1988; Deguchi 1991a; Costes 1921 (as *Campylopus chalarobasis*, Thériot 1934b; Frahm 1976; as *Campylopus flavo-viridis*, Dusén 1905c; Seki 1974; Frahm 1976). **Dist.** IV. Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; RM. Santiago, Talagante; VI. Cachapoal; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena.

Campylopus introflexus (Hedw.) Brid.

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; He 1998; Buck 2002 & 2005b; Espinosa 1941; Villagran et al. 2003; Ireland & Bellolio 2002; Frahm 2005; Müller & Pereira 2006; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Dusén 1905c; Cardot 1908; Brotherus 1924a, 1924b, 1924; Roivainen 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954, 1960; Bartram 1957; Seki 1974; Robinson 1975; Frahm 1976; Matteri 1985b; Deguchi 1991a (as *Campylopus canescens*, Cardot 1908; Frahm 1976; as *Campylopus truncatus*, Brotherus 1924b; Reimers 1926; Thériot 1934b; Herzog & Hosseus 1938; Frahm 1976). **Dist.** IV. Choapa, Limarí; V. Petorca, Valparaíso; RM. Maipo; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.; Easter I.

Campylopus kunkelii E.B. Bartram = *Campylopus pyriformis* fide Frahm 1988.

Campylopus laetevirens (Broth.) J.-P. Frahm = *Campylopus laxoventralis* fide Frahm 1988.

Campylopus laniger Besch. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Campylopus laxiretis E.B. Bartram = *Campylopus pyriformis* fide Frahm 1988.

Campylopus laxoventralis Herzog ex J.-P. Frahm

Frahm 1988; Deguchi 1991a (as *Campylopus laetevirens*, Frahm 1976; as *Thysanomitrium laetevirens*, Barrera 2006; Brotherus 1924a; Espinosa 1941). **Dist.** VIII. Concepción.

Campylopus leptodus Mont. = *Campylopus clavatus* fide Sainsbury 1955.

Campylopus macrophyllus (Kunze ex Müll.Hal.) Mitt. = *Bryohumbertia filifolia* fide Frahm 1999.

Campylopus masafuerae J.-P. Frahm = *Campylopus pyriformis* fide Frahm 1988.

Campylopus maulensis Broth., *nom. nud.*, Espinosa 1941 (VIII. Concepción).

Campylopus modestus Cardot

He 1998; Cardot 1908; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Frahm 1976; Frahm 1988 (as *Campylopus campoanus*, Thériot 1918; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Frahm 1976; as *Campylopus carbonicolus*, Thériot 1918; Frahm 1976; as *Campylopus permollis*, Thériot 1926, 1934b; Frahm 1976). **Dist.** VIII. Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno.

Campylopus morenoi (Müll. Hal.) Paris

Dusén 1903b; Frahm 1975. **Dist.** Patagonia australis. Note: The species does'nt belong to *Campylopus*, but the generic position is uncertain (Frahm 1999, 2005).

Campylopus occultoviridis Dusén, *nom. nud.*, Dusén 1903b.

Campylopus orthocomus Besch. = *Chorisodontium aciphyllum* fide Brotherus 1909.

Campylopus paschalis Cardot & Ther., *nom. nud.*, Barrera 2006.

Campylopus patagonicus Dusén, *nom. nud.*, Dusén 1903b.

Campylopus patagonicus Broth. = *Campylopus chilensis* fide Frahm 1988.

Campylopus perhorridus Dusén = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Campylopus permollis Thér. = *Campylopus modestus* fide Frahm 1988.

Campylopus pilifer Brid.

Tropicos 2009; Frahm 2005; Gradstein & Sipman 1978 (as *Campylopus polytrichoides*, Brotherus 1924b; Frahm 1976; Espinosa 1941). **Dist.** VIII. Arauco, Biobío, Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Palena; Juan Fernández Is.

Campylopus polytrichoides De Not. = *Campylopus pilifer* fide Gradstein & Sipman 1978.

Campylopus purpureocaulis Dusén

Tropicos 2009; Hässel et al. 1984; Larraín 2007a; Dusén 1903b, 1905c; Cardot 1908; Cardot & Brotherus 1923; Herzog 1954; Frahm 1976; Matteri 1985b; Frahm 1988; Matteri & Schiavone 2002. **Dist.** VIII. Concepción; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza.

Campylopus purpureocaulis subsp. ***aberrans*** (Broth.) J.-P. Frahm ex Frank Müll.

Frahm 1987, 1988 (as *Campylopus aberrans*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975). **Dist.** Juan Fernández Is.

Campylopus pyriformis (Schultz) Brid.

Larraín 2007b; Larraín 2007a; Frahm 1988, 2005 (as *Campylopus blindioides*, Brotherus 1924b; Robinson 1975; Frahm 1976; as *Campylopus fibrobasis*, Dusén 1905c; Cardot 1908; Thériot 1934b; Herzog & Hosseus 1938; Herzog 1954; as *Campylopus kunkelii*, Bartram 1957; Robinson 1975; Frahm 1976; as *Campylopus laxiretis*, Bartram 1957; as *Campylopus masafuerae*, Frahm 1976; as *Campylopus subareodictyon*, Brotherus 1924b; Frahm 1976; as *Campylopus torquatus*, Frahm 1976; as *Campylopus kunkelii*, Robinson 1975; as *Campylopus areodictyon*, Brotherus 1924b; Frahm 1976). **Dist.** IV. Choapa; V. Petorca, Valparaíso; VIII. Concepción; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Campylopus recurvifolius Dusén ≡ *Campylopus aureonitens* subsp. *recurvifolius*.

Campylopus richardii Brid.

Frahm 1976 (as *Thysanomitrium richardii*, Brotherus 1924b; Espinosa 1941). **Dist.** Juan Fernández Is.

Campylopus saddleanus Besch. = *Campylopus vesticaulis* fide Frahm 1988.

Campylopus saxicola Broth. = *Campylopus vesticaulis* fide Frahm 1987.

Campylopus sordidonigrinus Dusén, *nom. nud.* = *Campylopus acuminatus* fide Frahm 1988.

Campylopus spegazzinii (Müll. Hal.) Paris ≡ *Chorisodontium spegazzinii*.

Campylopus spiralis Dusén

Dusén 1905c; Cardot 1908; Herzog & Schwabe 1939; Frahm 1976; Thériot 1934b, 1935. **Dist.** RM. Santiago; IX. Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Magallanes.

Campylopus subareodictyon Broth. = *Campylopus pyriformis* fide Frahm 1988.

Campylopus sulphureo-nigrinus Dusén = *Campylopus acuminatus* fide Frahm 1988.

Campylopus torquatus Mitt. = *Campylopus pyriformis* fide Frahm 1988.

Campylopus truncatus Müll. Hal. = *Campylopus introflexus* fide Frahm 1987.

Campylopus turficola Broth. = *Campylopus vesticaulis* fide Frahm 1987.

Campylopus vesticaulis Mitt.

Ireland et al. 2007; Ireland & Bellolio 2002; Matteri & Schiavone 2002; Frahm 1988 (as *Campylopus guaitecae*, Dusén 1905c; Thériot 1934b; Cardot & Brotherus 1923; Roivainen 1937; Frahm 1976; Deguchi 1991a; as *Campylopus saddleanus*, Dusén 1903b; Cardot 1908; Roivainen 1937; Frahm 1976; as *Campylopus dicranodontioides*, *C. saxicola*, *C. turficola* and *C. hygrophilus*, Espinosa 1941; Brotherus 1924; as *Campylopus dicranodontioides*, Barrera 2006; as *Campylopus hygrophilus*, Barrera 2006; as *Campylopus saxicola*, Barrera 2006; as *Campylopus turficola*, Barrera 2006). **Dist.** VIII. Arauco, Concepción; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén; XII. Magallanes, Tierra del Fuego; Juan Fernández Is.; Easter I.

Campylopus xanthophyllus Mont. = *Campylopus clavatus* fide Frahm 1988.

Campylopus spec.

Fuentes 1913. **Dist.** Easter I.

Campylostelium saxicola (F. Weber & D. Mohr) Bruch & Schimp.

Ireland et al. 2007. **Dist.** VIII. Arauco, Concepción, Ñuble.

Catagoniopsis berteriana (Mont.) Broth.

Tropicos 2009; Larraín 2005; Villagran et al. 2004; He 1998; Pereira et al. 2006; Espinosa 1941; Müller & Pereira 2006; Thériot 1917, 1918, 1928; Brotherus 1924a, 1924b; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; Robinson 1975; Deguchi 1991a; Costes 1921 (as *Hypnum berterianum*, Mitten 1869). **Dist.** IV. Choapa, Limarí; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante; VI. Cardenal Caro; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; Juan Fernández Is.

Catagonium complanatum (Cardot & Broth.) Broth. = *Catagonium nitens* subsp. *nitens* var. *nitens* fide Lin 1984.

Catagonium myurum Cardot & Thér. ≡ *Catagonium nitens* subsp. *nitens* var. *myurum*.

Catagonium nitens (Brid.) Cardot subsp. *nitens* var. *nitens*

Tropicos 2009; Goffinet et al. 2006; Larraín 2007b; Larraín 2005; He 1998; Buck 2002; Villagran et al. 2003; Schaumann 2005; Müller & Pereira 2006; Matteri & Schiavone 2002; Deguchi 1991b (as *Catagonium politum*, Hässel et al. 1984; as *Acrocladium politum*, Mitten 1869; as *Eucatagonium politum*, Dusén 1903b; Brotherus 1908; Cardot 1908; Herzog 1922, 1954, 1960; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; Robinson 1975; Matteri 1985b; as *Orthorrhynchium chilense*, Williams 1924). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes; Juan Fernández Is.

Catagonium nitens subsp. *nitens* var. *myurum* (Cardot & Thér.) S.H. Lin

Tropicos 2009; Schaumann 2005; Deguchi 1991b; Matteri & Schiavone 2002 (as *Catagonium myurum*, Hässel et al. 1984; Thériot 1929b; Matteri 1985b). **Dist.** VIII. Ñuble; IX. Cautín, Malleco; X. Llanquihue, Osorno; XII. Magallanes, Última Esperanza.

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

Goffinet et al. 2006; Hässel et al. 1984; Ireland et al. 2007; Matteri & Schiavone 2002; Roivainen 1934; Matteri 1985b (as *Hypnum nitidum*, Cardot 1908; as *Stereodon nitidus*, Mitten 1869; Dusén 1903b). **Dist.** VII. Curicó; VIII. Ñuble; IX. Cautín; X. Chiloé; XII. Antártica Chilena, Magallanes, Última Esperanza.

Catagonium politum (Hook.f. & Wilson) Dusén = *Catagonium nitens* subsp. *nitens* var. *nitens* fide Lin 1984.

Catagonium politum var. *phyllogonium* (Müll. Hal.) Cardot = *Catagonium nitens* subsp. *nitens* var. *nitens* fide Lin 1984.

Catagonium politum var. *fillescens* Cardot & Broth. = *Catagonium nitens* subsp. *nitens* var. *nitens* fide Lin 1984.

Ceratodon amblyocalyx Müll. Hal. ex Ångström = *Ceratodon purpureus* subsp. *convolutus* fide Burley & Pritchard 1990.

Ceratodon antarcticus Cardot = *Ceratodon purpureus* fide Ochyra 1988.

Ceratodon chilensis (Mont.) Paris ≡ *Chrysoblastella chilensis*.

Ceratodon convolutus Reichardt ≡ *Ceratodon purpureus* subsp. *convolutus*.

Ceratodon crassinervis Lorentz = *Ceratodon purpureus* subsp. *convolutus* fide Burley & Pritchard 1990.

Ceratodon grossiretis Cardot = *Ceratodon purpureus* fide Ochyra 1998.

Ceratodon purpureus (Hedw.) Brid. subsp. *purpureus*

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Larraín 2005; Buck 2002; Pereira et al. 2006; Espinosa 1941; Villagran et al. 2003; Ireland & Bellolio 2002; Müller & Pereira 2006; Matteri & Schiavone 2002; Mitten 1869; Dusén 1905b; Cardot 1908; Thériot 1918, 1935; Herzog 1922, 1954; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1934, 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Robinson 1975; Deguchi 1991a (as *Ceratodon purpureus* var. *fastigiatus*, Thériot 1918; as *Ceratodon grossiretis*, Thériot 1926). **Dist.** IV. Limarí; V. Valparaíso; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.; Easter I.

Ceratodon purpureus var. *amblyocalyx* Müll. Hal. = *Ceratodon purpureus* subsp. *convolutus* fide Burley & Pritchard 1990.

Ceratodon purpureus* subsp. *convolutus (Reichardt) Burley

Larraín 2005; Matteri & Schiavone 2002 (as *Ceratodon amblyocalyx*, Ångström 1876; as *Ceratodon purpureus* var. *amblyocalyx*, Cardot 1900, 1901, 1908; Dusén 1903b; Dusén 1905b; as *Ceratodon convolutus*, Dusén 1905b; as *Ceratodon crassinervis*, Thériot 1918, 1921, 1935; Reimers 1926; Herzog & Hosseus 1938; as *Ceratodon valdiviae*, Müller 1900). **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Tierra del Fuego. Note: The taxonomic status of this taxon is uncertain and should be confirmed by biosystematic studies including molecular methods (Ochyra et al. 2008).

Ceratodon purpureus var. *fastigiatus* Warnst. = *Ceratodon purpureus* subsp. *purpureus* fide Burley & Pritchard 1990.

Ceratodon purpureus* subsp. *stenocarpus (Bruch & Schimp.) Dixon

He 1998 (as *Ceratodon stenocarpus*, Ireland et al. 2007). **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco.

Ceratodon valdiviae Müll. Hal. = *Ceratodon purpureus* subsp. *convolutus* fide Burley & Pritchard 1990.

Cheilothela chilensis (Mont.) Broth. ≡ *Chrysoblastella chilensis*.

Cheilothela dubia Dusén = *Chrysoblastella chilensis* fide Reimers 1926, Buck 1981.

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

Müller 2002; Ireland & Bellolio 2002. **Dist.** VII. Talca; Easter I.

Chileobryon callicostelloides (Broth. ex Thér.) Enroth

Tropicos 2009; Pereira et al. 2006; Müller & Pereira 2006; Enroth 1992 (as *Pinnatella callicostelloides*, Espinosa 1941; Brotherus 1924a; Herzog 1954; as *Pinnatella macrosticta*, Brotherus 1924b; Robinson 1975; as *Porotrichum callicostelloides*, Thériot 1917, 1926; as *Porotrichum callicostelloides* var. *distichum*, Thériot 1924). **Dist.** IV. Choapa, Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; VI. Cardenal Caro, Colchagua; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; Juan Fernández Is.

Chorisodontium aciphyllum (Hook. f. & Wilson) Broth.

Hässel et al. 1984; Larraín 2007a; Schaumann 2005; Müller & Pereira 2006; Matteri & Schiavone 2002; Roivainen 1937; Bartram 1952, 1957; Robinson 1975; Matteri 1985b; Hyvönen 1991 (as *Dicranodontium schwabei*, Herzog & Schwabe 1939; as *Campylopus laniger*, Dusén 1903b; as *Dicranum lanigerum*, Dusén 1905b; Cardot 1908; Cardot & Brotherus 1923; as *Chorisodontium lanigerum*, Roivainen 1937; Bartram 1952; Seki 1974; Deguchi 1991a; as *Dicranum leucopterum*, Dusén 1903b, 1905b; Cardot 1908; as *Chorisodontium leucopterum*, Hässel et al. 1984; Roivainen 1937; Seki 1974; Matteri 1985b; as *Dicranum macropus*, Mitten 1869; as *Chorisodontium macropus*, Roivainen 1937; Deguchi 1991a; as *Chorisodontium nordenskjöldii*, Roivainen 1937; as *Campylopus orthocomus*, Dusén 1903b; as *Chorisodontium orthocomum*, Roivainen 1937; as *Dicranum orthocomum*, Cardot 1908; as *Chorisodontium sphagneticolum*, Roivainen 1937; as *Dicranum aciphyllum*, Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1905b; Cardot & Brotherus 1923; as *Dicranum rigens*, Cardot 1901, 1908; as *Dicranum scaberrimum*, Dusén 1903b; as *Campylopus flavissimus*, Cardot 1901; Dusén 1903b; Dusén 1905c; Cardot 1908; Frahm 1976; as *Chorisodontium fulvastrum*, Frahm 1988; as *Campylopus perhorridus*, Dusén 1905c; Roivainen 1937; Herzog & Hosseus 1938; Frahm 1976; as *Dicranum perhorridum*, Cardot 1908). **Dist.** VII. Cauquenes; VIII. Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Chorisodontium dicranellatum (Dusén) Roiv.

Schaumann 2005; Roivainen 1937; Seki 1974; Matteri & Schiavone 2002; Deguchi 1991a; Hyvönen 1991 (as *Dicranum dicranellatum*, Dusén 1903b, 1905b; Cardot 1908). **Dist.** IX. Cautín; X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego.

Chorisodontium fulvastrum (Besch.) Broth. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium lanigerum (Müll. Hal.) Broth. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium leucopterum (Müll. Hal.) Roiv. = *Chorisodontium aciphyllum* fide Matteri 2003a.

Chorisodontium luridum E.B. Bartram

Schaumann 2005; Matteri & Schiavone 2002; Roivainen 1937; Deguchi 1991a; Hyvönen 1991; Frey & Schaumann 2002. **Dist.** IX. Cautín. X. Llanquihue; XII. Tierra del Fuego.

Chorisodontium macropus (Kunze ex Müll. Hal.) Broth. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium magellanicum (Cardot) E.B. Bartram

Roivainen 1937; Hyvönen 1991; Matteri & Schiavone 2002 (as *Dicranum magellanicum*, Dusén 1905b; Cardot 1908). **Dist.** XII. Magallanes, Tierra del Fuego.

Chorisodontium microdus (Lorentz) Broth. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium nordenskiöldii (Cardot) Roiv. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium orthocomum (Besch.) Roiv. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chorisodontium sericeum E.B. Bartram = *Ditrichum hookeri* fide Hyvönen 1991.

Chorisodontium spegazzinii (Müll. Hal.) Roiv.

Tropicos 2009; Hässel et al. 1984; Roivainen 1937; Matteri 1985b; Hyvönen 1991; Matteri & Schiavone 2002 (as *Campylopus spegazzinii*, Cardot 1900, 1901; Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Chorisodontium sphagneticolum Roiv. = *Chorisodontium aciphyllum* fide Hyvönen 1991.

Chrysoblastella chilensis (Mont.) Reimers

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Müller & Pereira 2006; Blockeel et al. 2002; Deguchi & Oginuma 1989; Matteri 1984a; Reimers 1926; Herzog & Hosseus 1938; Deguchi 1991a (as *Ceratodon chilensis*, Paris 1903-1906; as *Cheilothela chilensis*, Thériot 1934b; Herzog 1954; Seki 1974; Matteri 1985b; as *Tortula chilensis*, Mitten 1869; as *Cheilothela dubia*, Dusén 1905b; Thériot 1934b; Seki 1974). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

Chrysohypnum diminutivum (Hampe) W.R. Buck

He 1998. **Dist.** XIV. Valdivia/Ranco.

Cinclidotus aquaticus (Hedw.) Bruch & Schimp.

He 1998. **Dist.** XIV. Valdivia/Ranco.

Cinclidium stygium Sw.

Buck 2002; Matteri & Schiavone 2002; Cardot & Brotherus 1923. **Dist.** XII. Antártica Chilena, Magallanes, Última Esperanza.

Cladomnion crenato-obtusum Dusén, *nom. nud.*, Dusén 1903b.

Cladomnion gracile (Hampe) Mitt. = *Glyphothecium gracile*.

Cladomnion valdiviae Müll. Hal. = *Glyphothecium sciuroides* fide Hattaway 1984.

Cladomniopsis crenato-obtusa M. Fleisch.

Hässel et al. 1984; Buck 2002 & 2005a; Matteri 1973a, 1985b; Matteri & Schiavone 2002; Kühnemann & Goncalves Carralves 1975. **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Cochlearidium aymaranum Ochyra & Mahu = *Andreaea nitida* fide Churchill & Linares 1995a.

Codonoblepharon menziesii Schwägr. = *Zygodon menziesii*.

Codriophorus laevigatus (A. Jaeger) Bednarek-Ochyra & Ochyra

Bednarek-Ochyra 2006; Larraín 2007a (as *Racomitrium laevigatum*, Perrier 2005; He 1998; Matteri & Schiavone 2002; Dusén 1903b, 1906b; Cardot 1908; Robinson 1975; Deguchi 1991a; as *Racomitrium loriforme*, Espinosa 1941; Dusén 1906b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; as *Racomitrium plicatum*, Donat 1936; as *Racomitrium scabrifolium*, Bartram 1946; as *Racomitrium willii*, Hässel et al. 1984; Cardot & Brotherus 1923; Roivainen 1955a; Seki 1974; Matteri 1985b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Conostomum australe Sw., *hom. illeg.* = *Conostomum pentastichum* fide Ochyra et al. 2008.

Conostomum magellanicum Sull.

Goffinet et al. 2006; Hässel et al. 1984; Sullivant 1850; Buck 2002 & 2004; Matteri & Schiavone 2002; Frahm et al. 1996; Dusén 1903b; Cardot 1908; Matteri 1985a, 1985b; Deguchi 1991a (as *Conostomum perangulatum*, Cardot 1908; as *Conostomum perangulatum* var. *majus*, Cardot & Brotherus 1923). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Conostomum microphyllum Cardot & Broth., *nom. nud.*, Deguchi 1991a.

Conostomum pentastichum (Brid.) Lindb.

Seki 1974; Matteri 1985a, 1985b; Deguchi 1991a; Hässel et al. 1984; Matteri & Schiavone 2002 (as *Conostomum tetragonum*, Goffinet et al. 2006; Buck 2002, 2004; as *Conostomum australe*, Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; as *Conostomum australe* var. *microphyllum*, Cardot & Brotherus 1923; as *Conostomum australe* var. *piliferum* Cardot & Brotherus 1923). **Dist.** IX. Malleco; X. Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Conostomum perangulatum Cardot = *Conostomum magellanicum* fide Matteri 1984b.

Conostomum perangulatum var. *majus* Cardot & Broth. = *Conostomum magellanicum* fide Frahm et al. 1996.

Conostomum perpusillum Cardot & Broth.

Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985a, 1985b; Frahm et al. 1996; Matteri & Schiavone 2002. **Dist.** XII. Magallanes, Última Esperanza.

Coscinodon bolivianus Broth.

Tropicos 2009. **Dist.** XI. Coihaique (*Mancilla 8150*, MO, det. C. Delgadillo).

Coscinodon pseudocribrosus Hastings

Tropicos 2009. **Dist.** V. Los Andes (*Mahú 23593*, MO, det. C. Delgadillo).

Coscinodontella bryanii R.S. Williams

Cano 2003. **Dist.** XV. Parinacota.

Costesia macrocarpa (Schimp.) Cuvertino, Miserere & Buffa

Cuvertino et al. 2009 (as *Costesia spongiosa*, Larrain et al. 2009; Villagran et al. 2004; Thériot 1917, 1921; Costes 1921; as *Pottia macrocarpa*, Schimper 1836; as *Funaria macrocarpa*, Zander 1993; as *Tortula macrocarpa*, Mitten 1869). **Dist.** IV. Choapa, Limarí; V. Quillota, Valparaíso; RM. Santiago; VI. Cachapoal.

Costesia spongiosa Thér. = *Costesia macrocarpa* fide Cuvertino et al. 2009.

Cratoneuron filicinum (Hedw.) Spruce

Tropicos 2009; Larrain 2005; Robinson 1964; Matteri 1985b; Hedenäs 2003. **Dist.** II. Antofagasta; III. Copiapó; IV. Choapa; V. Petorca, San Antonio, Valparaíso; RM. Cordillera, Santiago; VI. Colchagua; VIII. Biobío, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Osorno.

Cratoneuron perplicatum (Dusén) Broth. = *Drepanocladus longifolius* fide Ochyra 1989.

Cratoneuropsis relaxa (Hook. f. & Wilson) M. Fleisch. ex Broth. subsp. *minor* (Wilson & Hook.f.) Ochyra

Ochyra et al. 2008 (as *Cratoneuropsis relaxa*, He 1998; Tropicos 2009; as *Hygroamblystegium austrofluviale*, Thériot 1924; Bartram 1943; as *Lescurraea chilensis*, He 1998; Herzog 1954; as *Orthotheciella varia*, Pereira et al. 2006; Buck 2002; Larrain 2007a; He 1998; Müller & Pereira 2006; Ochyra & Matteri 2001; Matteri & Schiavone 2002; as *Hygroamblystegium varium*, Goffinet et al. 2006; as *Pseudoleskea chilensis*, Larrain 2005; Deguchi 1991b; as *Amblystegium chilensis*, Lorentz 1866; as *Hygroamblystegium chilensis*, Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; Seki 1974; as *Sciaromium gracile*, Dusén 1903b; as *Hygroamblystegium filum*, Hässel et al. 1984; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Matteri 1985b; as *Pseudoleskea filum*, Thériot 1918; Herzog 1922; as *Hygroamblystegium fuegianum*, Larrain 2005; Roivainen 1934; Herzog & Hosseus 1938; Herzog 1960; Seki 1974; as *Pseudoleskea fuegiana*, Cardot 1905 & 1908; Thériot 1915, 1917; Herzog 1922; Cardot & Brotherus 1923; as *Leskea fuegiana*, Dusén 1903b; as *Pseudoleskea lurida*, Herzog 1922; as *Amblystegium tenellum*, Herzog 1954; as *Hygroamblystegium fuegianum* var. *skottsbergii*, Roivainen 1934; Bartram 1946; as *Hygroamblystegium filum* var. *compactum*, Bartram 1946; as

Hygroamblystegium fuegianum var. *excurrens*, Bartram 1946; as *Amblystegium excurrens*, Cardot & Brotherus 1923; as *Hygroamblystegium fuegianum* var. *gracilis*, Bartram 1946; as *Pseudoleskea fuegiana* var. *gracilis*, Cardot & Brotherus 1923; as *Hygroamblystegium fuegianum* var. *secundum*, Bartram 1946). **Dist.** II. Antofagasta; III. Chañaral; IV. Choapa, Elqui, Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante; VI. Colchagua, San Vicente; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Crossidium spec.

Matcham et al. 2007. **Dist.** XII. Magallanes.

Crossidium roseae (R.S. Williams) E.B. Bartram, *hom. illeg.* = *Aloina roseae*.

Cryphaea consimilis Mont.

Ireland et al. 2007; Pereira et al. 2006; He 1998; Müller & Pereira 2006; Rao 2001; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922; Reimers 1926; Herzog & Hosseus 1938; Seki 1974. **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Palena; XI. Aisén, Coihaique.

Cryphaea mollis Dusén = *Cryphaeophilum molle*.

Cryphaea patens Hornsch. ex Müll. Hal.

Rao 2001. **Dist.** IX. Cautín.

Cryphaea pulchella Paris & Schimp. = *Dendrocryphaea lechleri* fide Griffin et al. 1982.

Cryphaea tenella Mitt. = *Dendrocryphaea lechleri* fide Griffin et al. 1982.

Cryphaeophilum molle (Dusén) M. Fleisch.

Ireland et al. 2007; He 1998; Müller & Pereira 2006; Deguchi 1991b; Müller 2002; Kühnemann & Goncalves Carralves 1976 (as *Cryphaea mollis*, Dusén 1903b, 1905a; Cardot 1908; as *Cryphaeophilum molle* var. *nerve*, Herzog 1954; Seki 1974). **Dist.** VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén

Cryphaeophilum molle (Dusén) M. Fleisch. var. *nerve* Herzog = *Cryphaeophilum molle* fide Müller 2002.

Cryptopapillaria penicillata (Dozy & Molk.) M. Menzel

Ireland et al. 2007. **Dist.** VIII. Arauco, Concepción.

Cyathophorum splendidissimum (Mont.) Hampe & Lorentz = *Schimperobryum splendidissimum*.

Cyclodictyon sublimbatum (Müll. Hal.) Kuntze

(as *Hookeria sublimbata*, Mitten 1869). **Dist.** Chile, without exact locality (leg. Poeppig).

Cyrtodon crassinervis Broth. = *Dendrocryphaea crassinervis*.

Cynodontium affine (Müll. Hal.) Mitt. = *Ditrichum difficile* fide Seppelt 1982.

Cynodontium conicum (Mont.) Mitt. = *Ditrichum conicum*.

Cynodontium elongatum (Hook.f. & Wilson) Mitt. = *Ditrichum cylindricarpum* fide Seppelt 1982.

Cynodontium hookeri (Müll. Hal.) Mitt. = *Ditrichum hookeri*.

Cynodontium hyalinum (Mitt.) Mitt. = *Ditrichum hyalinum*.

Daltonia aristata Geh. & Hampe

(as *Daltonia uleana*, Reimers 1926). **Dist.** XIV. Valdivia/Ranco.

Daltonia gracilis Mitt.

Larraín 2007b; Hässel et al. 1984; Larraín 2007a; Ireland et al. 2007; He 1998; Bartram 1931, 1952; Robinson 1975; Matteri 1975b, 1985b; Deguchi 1991a (as *Daltonia krauseana*, Dusén 1905a; Herzog 1954). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Daltonia krauseana Müll. Hal. = *Daltonia gracilis* fide Bartram 1931.

Daltonia patagonica Dusén, *nom. nud.*, Dusén 1903b.

Daltonia trachyodonta Mitt.

Tropicos 2009; Bartram 1931; Seki 1974; Matteri 1975b; Deguchi 1991a (as *Daltonia valdiviae*, Herzog 1922). **Dist.** VIII. Arauco, Biobío; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén.

Daltonia uleana Müll. Hal. = *Daltonia aristata* fide Bartram 1931.

Daltonia valdiviae Herzog = *Daltonia trachyodonta* fide Bartram 1931.

Dendrocryphaea crassinervis (Broth.) Enroth

He 1998 (as *Cyrtodon crassinervis*, Brotherus 1924b; Robinson 1975). **Dist.** XIV. Valdivia/Ranco; Juan Fernández Is.

Dendrocryphaea cuspidata (Sull.) Broth.

Tropicos 2009; Müller 2009; Larraín 2007a; Ireland et al. 2007; He 1998; Mitten 1869; Thériot 1924, 1934b; Brotherus 1924b; Herzog 1954, 1960. **Dist.** V. Valparaíso; VI. Cardenal Caro; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; Juan Fernández Is.

Dendrocryphaea gorveana (Mont.) Paris & Schimp.

Larraín 2007a; Larraín 2005; Müller & Pereira 2006; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922; Seki 1974. **Dist.** VII. Cauquenes, Talca; XIV. Valdivia/Ranco; X. Chiloé, Palena; XI. Aisén.

Dendrocryphaea lechleri (M. Fleisch.) Paris & Schimp. ex Thér.

Ireland et al. 2007; Müller & Pereira 2006; Thériot 1934b (as *Dendrocryphaea ramosissima*, as *Cryphaea pulchella*, Cardot 1908; as *Dendrocryphaea pulchella*, Thériot 1934b; as *Cryphaea tenella*, Mitten 1869; Dusén 1903b; as *Dendrocryphaea tenella* Thériot 1934b). **Dist.** VII. Cauquenes; VIII. Arauco, Concepción; IX. Cautín; XIV. Valdivia/Ranco.

Dendrocryphaea pulchella (Paris & Schimp.) M. Fleisch. = *Dendrocryphaea lechleri* fide Griffin et al. 1982.

Dendrocryphaea ramosissima (Paris) Wijk & Margad. = *Dendrocryphaea lechleri* fide Griffin et al. 1982.

Dendrocryphaea tenella (Mitt.) Thér. = *Dendrocryphaea lechleri* fide Griffin et al. 1982.

Dendrohypopterygium arbuscula (Brid.) Kruijer

Kruijer 2002 (as *Arbusculohypopterygium arbuscula*, Schaumann 2005; as *Hypopterygium arbuscula*, He 1998; Tropicos 2009; Larraín 2007b; Perrier 2005; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; Matteri & Schiavone 2002; Seki 1974; Robinson 1975; Matteri 1973b, 1985b; Deguchi 1991b; as *Hypopterygium thouini*, Eaton 1892; Espinosa 1941; Mitten 1869; Dusén 1903b; Cardot 1908; Thériot 1915, 1918; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; as *Hypopterygium wolffhugelii*, Herzog 1922). **Dist.** V. Aconcagua, Valparaíso; VI. Colchagua; VIII. Arauco, Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Capitán Prat; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Dendroligotrichum dendroides (Brid. ex Hedw.) Broth. subsp. *dendroides*

Tropicos 2009; Larraín 2007b; Perrier 2005; Hässel et al. 1984; Matcham et al. 2007; Döbbeler & Triebel 2000; Buck 2004; Döbbeler 2003; Larraín 2005; Espinosa 1941; Villagran et al. 2003; Schaumann 2005; He 1998; Schiavone & Hyvönen 1993; Matteri & Schiavone 2002; Mitten 1869; Cardot 1908; Thériot 1918; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991b; Schiavone 1993 (as *Polytrichadelphus dendroides*, Cardot 1900, 1901; Dusén 1903b; as *Oligotrichum dendroides*, Kindberg 1888). **Dist.** VIII. Arauco, Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, Capitán Prat; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Dendroligotrichum squamosum (Hook. f. & Wilson) Cardot

Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Döbbeler 2003; Schaumann 2005; He 1998; Schiavone & Hyvönen 1991; Matteri & Schiavone 2002; Mitten 1869; Cardot 1908; Herzog 1954; Seki 1974; Matteri 1985b; Deguchi 1991b; Schiavone 1993 (as *Polytrichadelphus squamosa*, Dusén 1903b). **Dist.** XIV. Valdivia/Ranco; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Desmatodon bellii E.B. Bartram = *Hemmediella bellii*.

Desmatodon subtrophaceus (R.S. Williams) R.S. Williams = *Didymodon australasiae* fide Zander 1978.

Dichodontium dicranelloides Cardot = *Dicranella campylophylla* fide Ochyra & Newton 1986.

Dichodontium paludella Besch. = *Neomeesia paludella*.

Dichodontium persquarrosus (Dusén) Cardot = *Dicranella campylophylla* fide Matteri & Schiavone 2002.

Dichodontium persquarrosus var. *falklandicum* Cardot = *Dicranella campylophylla* fide Matteri & Schiavone 2002.

Dicranella aulacocarpa (Mont.) Mitt. = *Campylopodium euchlorum* fide Matteri & Calabrese 1999.

Dicranella buckiana Larraín & Ochyra, *nom. nud.*, Larraín 2007b (X. Chiloé).

Dicranella campylophylla (Taylor) A. Jaeger

(as *Anisothecium cardotii*, Matteri & Schiavone 2002; He 1998; as *Dicranella patagonica*, Herzog 1922; as *Anisothecium persquarrosus*, Dusén 1903b; Roivainen 1934, 1937; Bartram 1952; Herzog 1954; as *Aongstroemia persquarrosa*, Dusén 1905b; as *Dichodontium persquarrosus*, Cardot 1908; Cardot & Brotherus 1923; as *Dichodontium persquarrosus* var. *falklandicum*, Cardot 1908; as *Dicranella cardotii*, Tropicos 2009; Ochyra & Newton 1986; Hässel et al. 1984; Villagran et al. 2003; Ireland & Bellolio 2002; Seki 1974; Matteri 1985b; Deguchi 1991a. **Dist.** V. Aconcagua; RM. Cordillera; VIII. Arauco, Biobío; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Tierra del Fuego, Última Esperanza; Easter I.

Dicranella cardotii (R. Br. bis) Dixon = *Dicranella campylophylla* fide Ochyra et al. 2008.

Dicranella circinata Herzog

NY 2009; Herzog 1954. **Dist.** X. Chiloé, Llanquihue.

Dicranella costata Broth. = *Campylopodium euchlorum* fide Matteri & Calabrese 1999.

Dicranella euchlora (Mont.) Lorentz = *Campylopodium euchlorum*.

Dicranella flexipes Cardot & Broth. = *Campylopodium euchlorum* fide Matteri & Calabrese 1999.

Dicranella flexiseta Dusén, *nom. nud.*, Paris 1903-1906.

Dicranella fuegiana Cardot & Broth. = *Ditrichum heteromallum* fide Ochyra et al. 2008.

Dicranella harrisii (Müll. Hal.) Broth.

Tropicos 2009. **Dist.** VIII. Concepción (*Ireland & Bellolio 31893*, MO).

Dicranella hawaiiica (Müll. Hal.) Broth.

Ireland & Bellolio 2002. **Dist.** Easter I.

Dicranella hookeri (Müll. Hal.) Cardot

Hässel et al. 1984; Matcham et al. 2007; Larraín 2005; Buck 2002; Matteri & Ochyra 1999; He 1998; Cardot 1908; Thériot 1924; Seki 1974; Matteri 1985b; Deguchi 1991a (as *Anisothecium hookeri*, Ireland & Bellolio 2002; Matteri & Schiavone 2002; Thériot 1929b; Roivainen 1937; Herzog & Hosseus 1938; Herzog 1954; as *Anisothecium perpusillum*, Dusén 1903b; as *Chorisodontium sericeum*, Bartram 1946; as *Dicranella perpusilla*, Cardot & Brotherus 1923; as *Dicranella subclathrata*, Thériot 1924; as *Meesia patagonica*, Dusén 1903b; Cardot 1908; as *Dichodontium dicranelloides*, Cardot 1905; as *Dicranella patagonica*, Herzog 1922). **Dist.** IV. Elqui; V. Aconcagua, Petorca, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Santiago; VI. Cachapoal; VII. Curicó, Talca; VIII. Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Easter I.

Dicranella hookeri var. *flexisubulata* Cardot & Broth.

Cardot & Brotherus 1923; Seki 1974. **Dist.** XI. Aisén.

Dicranella jamesonii (Mitt.) Broth. = *Anisothecium vaginatum* fide Matteri 2003a.

Dicranella kunzeana Müll. Hal. = *Leptotrichella kunzeana*.

Dicranella paludella (Besch.) Dusén = *Neomeesia paludella*.

Dicranella patagonica Müll. Hal. = *Dicranella hookeri* fide Ochyra 1999b.

Dicranella perpusilla (Dusén) Cardot = *Dicranella hookeri* fide Newton 1977.

Dicranella pseudorufescens Cardot & Broth. = *Anisothecium pseudorufescens*.

Dicranella pseudorufescens var. *leptoclada* Cardot & Broth. = *Anisothecium pseudorufescens* var. *leptocladus*.

Dicranella skottsbergii Cardot & Broth. = *Anisothecium skottsbergii*.

Dicranella subclathrata Lorentz = *Dicranella hookeri* fide Ochyra 1999b.

Dicranodontium asperifolium (Mitt.) Broth. = *Campylopus asperifolius*.

Dicranodontium schwabei Herzog & Thér. = *Chorisodontium aciphyllum* fide Müller 2002.

Dicranoloma australe (Besch.) Paris = *Dicranoloma robustum* fide Matteri & Schiavone 2002.

Dicranoloma australe var. *schwabei* Herzog & Thér. in Herzog & Schwabe

Herzog & Schwabe 1939. **Dist.** X. Llanquihue.

Dicranoloma billardierei (Brid.) Paris var. ***billardierei***

Díaz et al. 2008; Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Ireland et al. 2007; Espinosa 1941; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Thériot 1918, 1935; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1934, 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991a (as *Dicranoloma fernandezianum*, Barrera 2006; Brotherus 1924b; Bartram 1957; as *Dicranum billardierei*, Mitten 1869; Dusén 1903b; Cardot 1908; as *Leucoloma billardierii*, Dusén 1905b). **Dist.** V. Valparaíso; VII. Cauquenes; VIII. Arauco, Concepción; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Dicranoloma billardierei var. ***compactum*** (Cardot) Cardot & Broth.

Matteri & Schiavone 2002 (as *Dicranum billardierei* var. *compactum*, Cardot 1908). **Dist.** XI. Aisén; XII. Magallanes.

Dicranoloma capillare (Dusén) Broth.

Schaumann 2005; Seki 1974; Deguchi 1991a (as *Dicranum capillare*, Cardot 1908; as *Leucoloma capillare*, Dusén 1905b; as *Leucoloma nigricaulae* var. *gracile*, Dusén 1905b). **Dist.** IX. Cautín; X. Llanquihue; XI. Aisén.

Dicranoloma capillifolioides Broth.

Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Dicranoloma capillifolium (Cardot) Thér. = *Dicranoloma menziesii* fide Greene 1986.

Dicranoloma chilense (De Not.) Ochyra & Matteri

Goffinet et al. 2006; Larraín 2007b; Matcham et al. 2007; Buck 2002; Larraín 2007a; Schaumann 2005; He 1998; Matteri & Schiavone 2002 (as *Dicranoloma nigricaulae*, Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1937; Bartram 1952; Seki 1974; Robinson 1975; Deguchi 1991a; as *Dicranum nigricaulae*, Cardot 1901; Dusén 1903b; Cardot 1908; as *Leucoloma nigricaulae*, Dusén 1905b; as *Dicranum peruncinatum*, Dusén 1903b; Cardot 1908; as *Leucoloma peruncinatum*, Dusén 1905b; as *Dicranum racovitzae*, Cardot 1900, 1901). **Dist.** V. Valparaíso; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego; Juan Fernández Is.

Dicranoloma dusenii (Broth.) Broth.

Herzog 1954 (as *Leucoloma dusenii*, Dusén 1905b). **Dist.** VIII. Arauco; X. Osorno.

Dicranoloma fernandezianum Broth. = *Dicranoloma billardierei* fide Robinson 1975.

Dicranoloma fuegianum (Dusén) Broth. = *Dicranoloma hariotii* fide Wijk et al. 1962.

Dicranoloma hariotii (Müll. Hal.) Paris var. ***hariotii***

Hässel et al. 1984; Matteri & Schiavone 2002; Cardot & Brotherus 1923; Roivainen 1937; Herzog 1954; Seki 1974; Matteri 1985b (as *Dicranum hariotii*, Cardot 1900, 1901; as *Leucoloma hariotii*, Dusén 1905b; as *Leucoloma fuegianum*, Dusén 1905b). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Dicranoloma hariotii var. ***laxum*** (Dusén) Cardot & Broth.

Cardot & Brotherus 1923 (as *Leucoloma fuegianum* var. *laxum*, Dusén 1905b). **Dist.** XII. Magallanes.

Dicranoloma hollermayeri Thér.

Thériot 1935. **Dist.** XIV. Valdivia/Ranco.

Dicranoloma imponens (Mont.) Renaud

Díaz et al. 2008; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; Matteri & Schiavone 2002; Thériot 1921; Cardot & Brotherus 1923; Roivainen 1934, 1937; Herzog & Schwabe 1939; Matteri 1985b (as *Dicranum imponens*, Eaton 1892; Cardot 1908; as *Leucoloma imponens*, Dusén 1905b; as *Dicranum involutifolium*, Sullivant 1850). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Dicranoloma kunkelii H. Rob.

Robinson 1975. **Dist.** Juan Fernández Is.

Dicranoloma menziesii (Hook. f. & Wilson) Paris

Larraín 2005; He 1998; Brotherus 1924b; Robinson 1975 (as *Dicranoloma capillifolium*, Thériot 1918; Cardot & Brotherus 1923; Herzog & Hosseus 1938; Herzog 1954, 1960; Bartram 1957; *Dicranum capillifolium*, Barrera 2006; Cardot 1908; as *Campylopus fernandezianus*, Bartram 1957; Frahm 1976; as *Leucoloma capillifolium*, Dusén 1905b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes; Juan Fernández Is.

Dicranoloma menziesii var. ***chilense*** Thér.

Thériot 1924. **Dist.** Without exact locality.

Dicranoloma muelleri (Dusén) Roiv.

Larraín 2007b; Villagran et al. 2003; Roivainen 1937; Herzog 1954; Seki 1974; Deguchi 1991a (as *Leucoloma muelleri*, Dusén 1905b). **Dist.** IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes, Tierra del Fuego.

Dicranoloma nigricaula (Ångström) Paris = *Dicranoloma chilense* fide Ochrya & Matteri 1996.

Dicranoloma nigricaula var. ***flexuosulum*** (Dusén) E.B. Bartram

(as *Leucoloma nigricaula* var. *flexuosulum*, Dusén 1905b). **Dist.** XIV. Valdivia/Ranco.

Dicranoloma perremotifolium (Dusén) Broth.

Tropicos 2009; Larraín 2005; Villagran et al. 2003; He 1998; Roivainen 1934; Herzog 1954, 1960 (as *Dicranum perremotifolium*, Dusén 1903b; Cardot 1908; as *Leucoloma perremotifolium*, Dusén 1905b). **Dist.** VIII. Biobío; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén.

Dicranoloma perremotifolium var. ***fragile*** (Dusén) Thér.

Thériot 1935 (as *Leucoloma perremotifolium* var. *fragile*, Dusén 1905b). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Osorno.

Dicranoloma peruncinatum (Dusén) Broth. = *Dicranoloma chilense* fide Wijk et al. 1962.

Dicranoloma pungens (Hook.f. & Wilson) Paris = *Dicranoloma robustum* fide Sainsbury 1955.

Dicranoloma robustum var. *pungens* Hook.f. & Wilson = *Dicranoloma robustum* fide Sainsbury 1955.

Dicranoloma robustum (Hook. f. & Wilson) Paris var. ***robustum***

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Buck 2002; Larraín 2005; Villagran et al. 2003; Schaumann 2005; Matteri & Schiavone 2002 (as *Dicranoloma australe*, Cardot & Brotherus 1923; Roivainen 1937; Seki 1974; as *Dicranum australe*, Dusén 1903b; Cardot 1908; as *Leucoloma robustum* var. *flexuosum*, Dusén 1905b; He 1998; Herzog 1922; Cardot & Brotherus 1923; Roivainen 1937; Herzog & Hosseus 1938; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991a; as *Dicranoloma pungens*, Reimers 1926; Thériot 1935; Herzog & Hosseus 1938; Herzog & Schwabe 1939; as *Dicranum pungens*, Cardot 1908; as *Dicranum grandialare*, Dusén 1903b; as *Dicranum robustum*, Eaton 1892; Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1903b; as *Leucoloma grandialare*, Dusén 1905b; as *Leucoloma robustum*, Dusén 1905b; as *Dicranoloma robustum* var. *pungens*, Eaton 1892). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Dicranoloma robustum var. ***longisetaceum*** Herzog

Larraín 2005; Herzog & Hosseus 1938. **Dist.** XIV. Valdivia/Ranco; X. Osorno.

Dicranoloma robustum var. ***setosum*** (Hook. f. & Wilson) Sainsbury

(as *Dicranoloma setosum*, Herzog 1922, 1954; Roivainen 1934; Bartram 1952; Seki 1974, as *Dicranum setosum*, Cardot 1908; as *Leucoloma setosum*, Dusén 1905b). **Dist.** XIV. Valdivia/Ranco; X. Osorno; XI. Aisén; XII. Magallanes.

Dicranoloma robustum var. ***strictifolium*** (Dusén) Wijk & Margad.

(as *Leucoloma muelleri* var. *strictifolium*, Dusén 1905b; as *Dicranum setosum* var. *strictifolium*, Cardot 1908). **Dist.** XI. Aisén.

Dicranoloma setosum (Hook.f. & Wilson) Paris ≡ *Dicranoloma robustum* var. *setosum*.

Dicranoloma subimponens (Cardot) Broth.

Matteri & Schiavone 2002; Cardot & Brotherus 1923; Roivainen 1937; Seki 1974. **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego.

- Dicranoweisia antarctica* (Müll. Hal.) Paris ≡ *Hymenoloma antarcticum*.
Dicranoweisia antarctica fo. *brevisetata* Roiv. = *Hymenoloma antarcticum* fide Ochyra et al. 2008.
Dicranoweisia austrocrispula (Müll. Hal.) Paris = *Hymenoloma crispulum* fide Ochyra et al. 2008.
Dicranoweisia brevipipes (Müll. Hal.) Cardot = *Hymenoloma antarcticum* fide Ochyra et al. 2008.
Dicranoweisia brevisetata Cardot = *Hymenoloma antarcticum* fide Ochyra et al. 2008.
Dicranoweisia crispula (Hedw.) Lindb. ex Milde ≡ *Hymenoloma crispulum*.
Dicranoweisia cryptodon (Mitt.) Paris ≡ *Camptodontium cryptodon*.
Dicranoweisia humilis (Müll. Hal.) Broth = *Kiaeria pumila* fide Ochyra 1993a.
Dicranoweisia jugellifera Dusén ≡ *Hymenoloma jugelliferum*.
Dicranoweisia mackayi (Broth. & Dixon) Broth. = *Hymenoloma antarcticum* fide Ochyra et al. 2008.
Dicranoweisia nordenskjöldii (Dusén) Reim. = *Hymenoloma antarcticum* fide Ochyra et al. 2008.
Dicranoweisia perpulvinata Dusén = *Hymenoloma crispulum* fide Cardot 1908.
Dicranoweisia subglobosa (Herzog) S. He ≡ *Hymenoloma subglobosa*.
Dicranoweisia subinclinata (Müll. Hal.) Broth. = *Hymenoloma crispulum* fide Ochyra 1998.
Dicranoweisia tenella Dusén, *nom. nud.* = *Camptodontium cryptodon* fide Reimers 1936.
Dicranoweisia turpis (Cardot) Ochyra ≡ *Hymenoloma turpe*.
Dicranum aciphyllum Hook.f. & Wilson ≡ *Chorisodontium aciphyllum*.
Dicranum antarcticum Müll. Hal. ≡ *Hymenoloma antarcticum*.
Dicranum australe Besch. = *Dicranoloma robustum* fide Matteri & Schiavone 2002.
Dicranum billardierei Brid. ≡ *Dicranoloma billardierei*.
Dicranum billardierei var. *compactum* Cardot ≡ *Dicranoloma billardierei* var. *compactum*.

Dicranum billardierei var. *flavicans* Cardot

Cardot 1908. **Dist.** XII. Última Esperanza.

- Dicranum capillare* (Dusén) Cardot ≡ *Dicranoloma capillare*.
Dicranum capillifolium (Broth.) Cardot = *Dicranoloma menziesii* fide Robinson 1975.
Dicranum cardotii R.Br. bis = *Dicranella campylophylla* fide Ochyra et al. 2008.
Dicranum chilense De Not. ≡ *Dicranoloma chilense*.
Dicranum cirrhifolium Schimp. ex Dusén = *Platyneuron praealtum* fide Ochyra & Bednarek-Ochyra 1997.
Dicranum cryptodon Mont. ≡ *Camptodontium cryptodon*.
Dicranum dicranellatum Dusén ≡ *Chorisodontium dicranellatum*.
Dicranum euchloron Mont. ≡ *Campylopodium euchloron*.
Dicranum grandialare Dusén, *nom. nud.* = *Dicranoloma robustum* fide Cardot 1908.
Dicranum hariotii Hook.f. & Wilson ≡ *Dicranoloma hariotii*.
Dicranum imponens Mont. ≡ *Dicranoloma imponens*.
Dicranum inerme Mitt. = *Holodontium strictum* fide Ochyra 1993a.
Dicranum involuifolium Sull. = *Dicranoloma imponens* fide Wijk et al. 1962.
Dicranum lanigerum Müll. Hal. = *Chorisodontium aciphyllum* fide Hyvönen 1991.
Dicranum laticostatum Cardot = *Platyneuron praealtum* fide Ochyra & Bednarek-Ochyra 1997.
Dicranum leucopterum Müll. Hal. = *Chorisodontium aciphyllum* fide Hyvönen 1991.
Dicranum macropus Kunze ex Müll. Hal. = *Chorisodontium aciphyllum* fide Hyvönen 1991.
Dicranum magellanicum Cardot ≡ *Chorisodontium magellanicum*.
Dicranum nigricaulis Ångström = *Dicranoloma chilense* fide Ochyra & Matteri 1996.
Dicranum orthocomum (Besch.) Müll. Hal. = *Chorisodontium aciphyllum* fide Hyvönen 1991.
Dicranum percompactum Dusén, *nom. nud.* = *Chorisodontium magellanicum* fide Roivainen 1937.
Dicranum perhorridum (Dusén) Cardot = *Chorisodontium aciphyllum* fide Hyvönen 1991.
Dicranum perremotifolium (Dusén) Cardot ≡ *Dicranoloma perremotifolium*.
Dicranum peruncinatum (Dusén) Cardot = *Dicranoloma chilense* fide Ochyra & Matteri 1996.
Dicranum pumilum (Mitt.) Mitt. ≡ *Kiaeria pumila*.
Dicranum pungens Hook.f. & Wilson = *Dicranoloma robustum* fide Sainsbury 1955.
Dicranum racovitzae Cardot = *Dicranoloma chilense* fide Ochyra & Matteri 1996.
Dicranum ramulosum Mitt. = *Kiaeria pumila* fide Ochyra 1993.
Dicranum rigens Besch. = *Chorisodontium aciphyllum* fide Cardot 1916.
Dicranum robustum Hook.f. & Wilson ≡ *Dicranoloma robustum*.

Dicranum robustum var. *giganteum* Cardot

Cardot 1908. **Dist.** XII. Magallanes.

Dicranum robustum var. *lagunicola* (Dusén) Cardot

Cardot 1908 (as *Leucoloma robustum* var. *lagunicola*, Dusén 1905b). **Dist.** XII. Magallanes.

- Dicranum scaberrimum* Broth. ex Dusén = *Chorisodontium aciphyllum* fide Cardot 1909.
Dicranum setosum Hook.f. & Wilson ≡ *Dicranoloma robustum* var. *setosum*.
Dicranum setosum var. *strictifolium* (Dusén) Cardot = *Dicranoloma robustum* var. *strictifolium*.

- Didymodon acutus* (Brid.) K. Saito
Cano 2003. **Dist.** XV. Parinacota.
- Didymodon ampliretis* E.B. Bartram
Hässel et al. 1984; Matteri & Schiavone 2002; Bartram 1946; Matteri 1985b. **Dist.** XII. Magallanes, Tierra del Fuego, Última Esperanza.
- Didymodon andreaeooides* Cardot & Broth.
Tropicos 2009; Müller 2009; Hässel et al. 1984; Matteri 1985b; Matteri & Schiavone 2002. **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Osorno; XI. Coihaique; XII. Magallanes, Última Esperanza.
- Didymodon australasiae* (Hook. & Grev.) R.H. Zander
Tropicos 2009; Müller 2009; Jiménez & Cano 2007; Jiménez et al. 2005; He 1998; Zander 1978 (as *Barbula australasiae*, Dusén 1906a; as *Tortula australasiae*, Mitten 1869; as *Tortula graminicolor*, Mitten 1869; as *Desmatodon subtrophaceus*, Williams 1915; as *Didymodon subtrophaceus*, Herzog 1954; as *Tortula geniculata*, Mitten 1869; as *Asteriscium geniculatum*, Herzog & Hosseus 1938; Herzog 1954; as *Barbula poeppigiana*, Espinosa 1941; Thériot 1917, 1928; Costes 1921; Brotherus 1924a). **Dist.** XV. Parinacota; II. El Loa; IV. Choapa, Elqui, Limarí; V. Aconcagua, Petorca, Valparaíso; RM. Chacabuco, Melipilla, Santiago; VI. Cachapoal, Colchagua; VII. Talca; VIII. Concepción; IX. Cautín; XI. Aisén; XII. Última Esperanza.
Didymodon berthoanus Thér. = *Bryoerythrophyllum berthoanus*.
Didymodon calymperidictyon Broth. = *Bryoerythrophyllum campylocarpum* fide Robinson 1975.
- Didymodon cardotii* (Dusén) R.H. Zander
(as *Barbula cardotii*, Dusén 1905a, Dusén 1906a). **Dist.** XII. Magallanes.
- Didymodon coquimbensis* J.A. Jiménez & Cano
Jiménez & Cano 2007. **Dist.** IV. Elqui.
- Didymodon deciduus* R.H. Zander
Zander 1993 (as *Asteriscium deciduum*, Herzog & Hosseus 1938). **Dist.** VIII. Biobío.
- Didymodon fuscus* (Müll. Hal.) J.A. Jiménez & Cano
Jiménez & Cano 2007 (as *Barbula fusca*, Costes 1921; Dusén 1906a; Cardot 1908; Thériot 1918, 1921, 1928; Herzog & Hosseus 1938; Bartram 1952; as *Tortula fusca*, Mitten 1869; as *Barbula fuscoviridis*, Williams 1915; Thériot 1921). **Dist.** IV. Choapa, Elqui, Limarí; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Santiago; VI. Cachapoal; VII. Cauquenes; VIII. Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén.
- Didymodon laevigatus* (Mitt.) R.H. Zander
(as *Barbula laevigata*, Dusén 1906b; Cardot 1908). **Dist.** XI. Aisén.
Didymodon linearis Broth. = *Bryoerythrophyllum campylocarpum* fide Robinson 1975.
- Didymodon luridus* Hornsch. ex Spreng.
Tropicos 2009. **Dist.** XIV. Valdivia/Ranco (*Mahú 11737, 12313, 12317*, MO, det. Jiménez).
- Didymodon orbignyanus* (Müll. Hal.) Broth.
Brotherus 1924a; Espinosa 1941. **Dist.** RM. Santiago.
- Didymodon patagonicus* (Mitt.) Broth.
(as *Barbula patagonica*, Dusén 1903b). **Dist.** XII. Patagonia.
- Didymodon reflexus* Thér.
Thériot 1924. **Dist.** V. Valparaíso.
- Didymodon rigidulus* Hedw.
Tropicos 2009; Pereira et al. 2006; Schaumann 2005; Frey & Schaumann 2002; Matteri & Schiavone 2002 (as *Barbula rigidula*, Roivainen 1934). **Dist.** IV. Limarí; VII. Talca; VIII. Arauco, Ñuble. X. Llanquihue; XII. Fuegian region.
- Didymodon santessonii* (E.B. Bartram) J.A. Jiménez & Cano

- (as *Barbula santessonii*, Bartram 1952; Herzog 1954; Seki 1974). **Dist.** IV. Choapa, Limarí; V. Aconcagua, Quillota, San Antonio, Valparaíso; VI. Cardenal Caro; XI. Aisén.
- Didymodon schilleri*** Herzog & Thér.
 NY 2009; Herzog & Hosseus 1938. **Dist.** IX. Cautín; X. Palena.
Didymodon schimperi (Mont.) Broth. = *Tortula atrovirens* fide Zander 1993.
Didymodon subtropheus R.S. Williams = *Didymodon australasiae* fide Zander 1978.
Didymodon torquatus (Taylor) Catcheside = *Didymodon vinealis* fide Sollman 1995.
- Didymodon tophaceus*** (Brid.) Lisa
 Tropicos 2009. **Dist.** IV. Choapa (*Mahú 12571, 11839*, MO, det. Jiménez), Limarí (*Mahú 24358*, MO, det. Jiménez); V. San Antonio (*Mahú 23410*, MO, det. Jiménez), Valparaíso (*Mahú 11747*, MO, det. Jiménez); RM. Cordillera (*Mahú 23247*, MO, det. Jiménez), Melipilla (*Mahú 20083*, MO, det. Jiménez).
- Didymodon umbrosus*** (Müll. Hal.) R. H. Zander
 Tropicos 2009; Müller 2009. **Dist.** IV. Limarí; RM. Santiago.
- Didymodon vinealis*** (Brid.) R.H. Zander
 Villagran et al. 2004; He 1998; Müller & Pereira 2006 (as *Asteriscium poeppigianum*, Herzog & Hosseus 1938; Herzog 1954; as *Weissia poeppigiana*, Mitten 1869). **Dist.** IV. Coquimbo, Limarí; V. Aconcagua, Valparaíso; RM. Santiago, Talagante; VII. Cauquenes, Linares; VIII. Biobío, Concepción; IX. Malleco; XIV. Valdivia/Ranco; XI. Aisén.
- Diphyscium pilmaiquen*** (Crosby) Magombo
 Ireland et al. 2007; Magombo 2003 (as *Muscoflorschuetzia pilmaiquen*, Crosby 1977, 1978; Deguchi 1991a; as *Florschuetzia pilmaiquen*, Barrera 2006). **Dist.** VIII. Arauco; X. Osorno.
Diplostichum poeppigii (Müll. Hal.) Cardot, *hom. illeg.* = *Eustichia longirostris* fide Allen 2002.
Dissodon magellanicum (Brid.) Hampe = *Tayloria magellanica*.
Dissodon mirabilis Cardot = *Tayloria mirabilis*.
- Distichium capillaceum*** (Hedw.) Bruch & Schimp.
 Hässel et al. 1984; Buck 2002; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Dusén 1903b, 1905b; Roivainen 1937; Bartram 1952; Matteri 1985b; Deguchi 1991a (as *Distichium capillaceum* var. *compactum*, Matteri & Schiavone 2002; Hässel et al. 1984). **Dist.** VII. Curicó, Talca; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
Distichium capillaceum var. *compactum* (Huebener) Dalla Torre & Sarnth. = *Distichium capillaceum* fide Ochyra et al. 2008.
- Distichophyllum assimile*** Broth.
 Brotherus 1924b; Bartram 1957; Robinson 1975; Matteri 1975b. **Dist.** XIV. Valdivia/Ranco; Juan Fernández Is.
Distichophyllum cavifolium (Cardot) Cardot = *Distichophyllum eremitaе* fide Matteri 1975b.
Distichophyllum cavifolium var. *montanum* Cardot = *Distichophyllum eremitaе* fide Matteri 1975b.
Distichophyllum crispatisimum Dusén, *nom. nud.* = *Distichophyllum ellipticum* fide Matteri 1975b.
- Distichophyllum dicksonii*** (Hook. & Grev.) Mitt.
 Larraín 2007b; Hässel et al. 1984; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog & Hosseus 1938; Herzog 1954; Seki 1974; Matteri 1975b, 1985b; Deguchi 1991a. **Dist.** XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.
- Distichophyllum ellipticum*** Herzog
 Larraín 2007b; Hässel et al. 1984; Larraín 2007a; Matteri & Schiavone 2002; Herzog 1954; Matteri 1975b, 1985b (as *Distichophyllum crispatisimum*, Dusén 1903b; Herzog & Schwabe 1939). **Dist.** X. Chiloé; XI. Aisén; XII. Magallanes, Última Esperanza.
- Distichophyllum eremitaе*** (A. Jaeger) Paris
 Hässel et al. 1984; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Seki 1974; Matteri 1975b, 1985b (as *Distichophyllum cavifolium*, Cardot 1908; as *Distichophyllum cavifolium* var. *montanum*, Cardot & Brotherus 1923; as *Distichophyllum procumbens*, Mitten 1869). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

- Distichophyllum fasciculatum* Mitt.
Herzog 1960. **Dist.** XIV. Valdivia/Ranco.
- Distichophyllum fernandezianum* Broth.
He 1998; Matteri 1975b. **Dist.** XIV. Valdivia/Ranco; Juan Fernández Is.
- Distichophyllum flaccidum* (Hook.f. & Wilson) Mitt.
Hässel et al. 1984; Buck 2005b; He 1998; Mitten 1869; Cardot 1908; Matteri 1975b, 1985b; Matteri & Schiavone 2002 (as *Mniadelphus flaccidus*, Dusén 1903b). **Dist.** IX. Malleco; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Distichophyllum grandifolium* Matteri
Matteri 1975b. **Dist.** X. Llanquihue.
- Distichophyllum krausei* (Lorentz) Mitt.
Hässel et al. 1984; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Cardot 1908; Matteri 1975b, 1985b; Deguchi 1991a (as *Mniadelphus krausei*, Dusén 1903b; as *Distichophyllum nigricans*, Dusén 1903b; Cardot 1908). **Dist.** V. Valparaíso; VII. Cauquenes; VIII. Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
Distichophyllum molle Besch. = *Calyptrochaete mollis*.
- Distichophyllum nanospathulatum* Herzog
Schaumann 2005; He 1998; Herzog 1954; Matteri 1975b. **Dist.** XIV. Valdivia/Ranco; X. Osorno; XI. Aisén.
Distichophyllum nigricans Besch. = *Distichophyllum krausei* fide Matteri 1975a.
- Distichophyllum patagonicum* Besch.
Dusén 1903b; Cardot 1908. **Dist.** XII. Magallanes.
Distichophyllum procumbens Mitt., *hom. illeg.* = *Distichophyllum eremita* fide Matteri 1975b.
- Distichophyllum rotundifolium* (Hook.f. & Wilson) Müll. Hal. & Broth.
Schaumann 2005; Streimann 1999; He 1998; Cardot & Brotherus 1923; Herzog 1960; Matteri 1975b; Deguchi 1991a. **Dist.** X. Llanquihue, Osorno; XI. Aisén; XII. Tierra del Fuego; Juan Fernández Is.
- Distichophyllum subelimbatum* Broth.
Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975; Matteri 1975b. **Dist.** Juan Fernández Is.
- Distichophyllum submersum* Matteri
Hässel et al. 1984; Matteri 1975b, 1985b; Matteri & Schiavone 2002. **Dist.** XII. Magallanes, Tierra del Fuego, Última Esperanza.
- Distichophyllum theriotianum* Matteri
Matteri 1975b. **Dist.** XI. Aisén.
Ditrichum affine (Müll. Hal.) Hampe. = *Ditrichum difficile* fide Seppelt 1982.
Ditrichum austrogeorgicum (Cardot) Seppelt = *Ditrichum hyalinum* fide Ochyra 1998.
- Ditrichum brotherusii* (R. Br. bis) Seppelt
Buck 2002; Matteri & Schiavone 2002; Deguchi 1991a (as *Pseudoditrichum fuegianum*, Roivainen 1937). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego.
- Ditrichum conicum* (Mont.) Mitt.
Ochyra 1999c; Matteri & Schiavone 2002; Dusén 1903b, 1905b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1935; Roivainen 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Deguchi 1991a (as *Cynodontium conicum*, Mitten 1869; as *Pseudoditrichum atlanticum*, Robinson 1964; as *Pseudoditrichum taitaoense*, Froehlich 1953; as *Ditrichum conicum* var. *glaciale*, Cardot & Brotherus 1923). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Tierra del Fuego, Última Esperanza.
Ditrichum conicum var. *glaciale* Cardot & Broth. = *Ditrichum conicum* fide Ochyra 1999c.
- Ditrichum cylindricarpum* (Müll. Hal.) F. Muell.

Larraín 2007b; Buck 2002; Larraín 2007a; Ireland et al. 2007; He 1998; Deguchi 1991a (as *Cynontodium elongatum*, Mitten 1869; as *Ditrichum elongatum*, Cardot 1908; Herzog 1922, 1954; Seki 1974). **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes.

Ditrichum difficile (Duby) M. Fleisch.

Tropicos 2009; Larraín 2007b; Larraín 2005; Villagran et al. 2003; Schaumann 2005; Ireland & Bellolio 2002; He 1998; Müller & Pereira 2006; Robinson 1975; Deguchi 1991a; Matteri & Schiavone 2002 (as *Cynontodium affine*, Mitten 1869; as *Ditrichum affine*, Espinosa 1941; Dusén 1903b, 1905b; Cardot 1908; Thériot 1915; Herzog 1922; Brotherus 1924b; Seki 1974; as *Ditrichum flexifolium*, Thériot 1921; Herzog & Hosseus 1938; Bartram 1957; Robinson 1975; as *Ditrichum rufescens*, Matteri 1985b; Hässel et al. 1984; as *Ditrichum stenostomum*, Cardot 1908; Roivainen 1937). **Dist.** VII. Cauquenes, Linares; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.; Easter I.

Ditrichum ditrichoideum (Cardot) Ochyra

Ochyra et al. 2008 (as *Philibertiella ditrichoidea*, Hässel et al. 1984; Cardot & Brotherus 1923; Herzog & Hosseus 1938; Matteri 1985b; as *Ditrichum gemmiferum*, Ochyra & Lewis Smith 1998; Ochyra 1999a; Ochyra & Deguchi 1999). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

Ditrichum elongatum (Hook.f. & Wilson) Mitt. = *Ditrichum cylindricarpum* fide Seppelt 1982.

Ditrichum flexifolium Hampe = *Ditrichum difficile* fide Magill 1981.

Ditrichum fontanum Herzog = *Anisothecium fontanum*.

Ditrichum gemmiferum Ochyra & Lewis-Smith = *Ditrichum ditrichoideum* fide Ochyra et al. 2008.

Ditrichum hallei Cardot & Broth.

Barrera 2006; Cardot & Brotherus 1923; Roivainen 1934, 1937; Matteri & Schiavone 2002. **Dist.** VIII. Ñuble; XII. Tierra del Fuego.

Ditrichum heteromallum (Hedw.) E. Britton

Hässel et al. 1984; Ochyra 1999c; Matteri 1985b; Deguchi 1991a; Matteri & Schiavone 2002 (as *Ditrichum homomallum*, Cardot & Brotherus 1923; as *Ditrichum homomallum* var. *leptocladum*, Cardot & Brotherus 1923; as *Dicranella fuegiana*, Buck 2002; Matteri & Schiavone 2002). **Dist.** XI. Aisén; XII. Antártica Chilena, Tierra del Fuego, Última Esperanza.

Ditrichum homomallum (Hedw.) Hampe = *Ditrichum heteromallum* fide Matsui & Iwatsuki 1990.

Ditrichum homomallum var. *leptocladum* Cardot & Broth. = *Ditrichum heteromallum* fide Ochyra 1999c.

Ditrichum hookeri (Müll. Hal.) Hampe

Tropicos 2009; Matteri & Schiavone 2002; Dusén 1903b, 1905b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1937; Herzog 1954; Seki 1974; Deguchi 1991a (as *Blindia leptotrichocarpa*, Dusén 1903b; as *Chorisodontium sericeum*, Hässel et al. 1984; Bartram 1946; Matteri 1985b; as *Cynontodium hookeri*, Mitten 1869). **Dist.** IX. Arauco; X. Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Ditrichum hyalinocuspdatum Cardot

Ochyra et al. 2008; Matteri & Schiavone 2002; Cardot & Brotherus 1923. **Dist.** XII. Magallanes, Tierra del Fuego, Última Esperanza.

Ditrichum hyalinum (Mitt.) Kuntze

Buck 2002; Schaumann 2005; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Herzog 1954; Seki 1974; Deguchi 1991a; Ochyra 1999a (as *Cynontodium hyalinum*, Mitten 1869; as *Ditrichum austro-georgicum*, Deguchi 1991a; as *Pseudoditrichum austrogeorgicum*, Roivainen 1937; Matteri 1985b; Hässel et al. 1984). **Dist.** IX. Cautín; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Ditrichum lewis-smithii Ochyra = *Ditrichum hyalinocuspdatum* fide Ochyra et al. 2008.

Ditrichum longisetum (Lorentz) Hampe

Espinosa 1941; Dusén 1903b, 1905b; Cardot 1908; Brotherus 1924b; Herzog & Schwabe 1939; Bartram 1957; Seki 1974; Robinson 1975. **Dist.** XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Ditrichum nitens (Herzog) Frank Müll.

(as *Philibertiella nitens*, Herzog 1960; Matteri 1985b; Hässel et al. 1984). **Dist.** XIV. Valdivia/Ranco; X. Osorno; XII. Magallanes, Última Esperanza.

Ditrichum praealtum (Mitt.) Kuntze = *Platyneuron praealtum*.

Ditrichum roivaneni E.B. Bartram & Roiv.

Roivainen 1937; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.

Ditrichum rufescens (Hampe) Hampe = *Ditrichum difficile* fide Allen 1994.

Ditrichum stenostomum Cardot = *Ditrichum difficile* fide Allen 1994.

Ditrichum strictum (Hook.f. & Wilson) Hampe

He 1998; Dusén 1903b; Cardot 1908. **Dist.** IX. Malleco.

Drepanocladus aduncus (Hedw.) Warnst.

Hässel et al. 1984; Matteri 1985b; Deguchi 1991a (as *Hypnum aduncum*, Cardot 1908; as *Drepanocladus aduncus* var. *kneiffii*, He 1998; as *Drepanocladus kneiffii*, Deguchi 1991a; as *Drepanocladus polycarpus*, Ochyra & Matteri 2001; Matteri & Schiavone 2002). **Dist.** RM. Santiago; VIII. Biobío; X. Osorno, Palena; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Drepanocladus aduncus var. *kneiffii* (Schimp.) Mönk. = *Drepanocladus aduncus* fide Hedenäs 2003.

Drepanocladus austrostramineus (Müll. Hal.) Broth. ex Paris = *Warnstorfia fontinaliopsis* fide Ochyra & Matteri 2001.

Drepanocladus cossonii (Schimp.) Loeske = *Scorpidium cossonii*.

Drepanocladus exannulatus (Schimp.) Warnst. = *Warnstorfia exannulata*.

Drepanocladus exannulatus var. ***falcifolius*** (Renauld) Grout

(as *Drepanocladus fluitans* var. *falcifolius*, Thériot 1924). **Dist.** RM. Maipo.

Drepanocladus fluitans (Hedw.) Warnst. = *Warnstorfia fluitans*.

Drepanocladus fluitans var. *australe* (Cardot) Broth. = *Drepanocladus longifolius* fide Ochyra & Matteri 2001.

Drepanocladus fluitans var. *falcifolius* (Renauld) Thér. = *Drepanocladus exannulatus* var. *falcifolius* fide Grout 1929.

Drepanocladus fuegianus (Mitt.) Broth. ex Paris = *Warnstorfia fluitans* fide Ochyra & Matteri 2001.

Drepanocladus kneiffii (Schimp.) Warnst. var. *chilense* Thér.

Thériot 1924. **Dist.** RM. Maipo.

Drepanocladus laculosus (Müll. Hal.) Broth. = *Warnstorfia fontinaliopsis* fide Ochyra & Matteri 2001.

Drepanocladus longifolius (Mitt.) Broth. ex Paris

Müller 2009; Buck 2002; Vanderpoorten et al. 2003; Ochyra & Matteri 2001; Matteri & Schiavone 2002; Cardot & Brotherus 1923; Roivainen 1934; Bartram 1952 (as *Cratoneuron perplicatum*, Brotherus 1909; as *Hypnum longifolium*, Dusén 1903b; Cardot 1908). **Dist.** RM. Cordillera; VII. Talca; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego.

Drepanocladus perplicatus (Dusén) G. Roth

Hedenäs 2003 (as *Richardsiopsis lacustris*, Ochyra & Mahu 1988). **Dist.** XV. Parinacota.

Drepanocladus polycarpus (Blandow ex Voit) Warnst. = *Drepanocladus aduncus* fide Hedenäs 2003.

Drepanocladus revolvens (Sw. ex anon.) Warnst. = *Scorpidium revolvens*.

Drepanocladus secundifolius (Müll. Hal.) Dixon

Matteri & Schiavone 2002 (as *Rhaphidostegium secundifolium*, Dusén 1903b; Cardot 1908; as *Sematophyllum secundifolium*, Mitten 1869). **Dist.** XII. Antártica Chilena. Note: The generic position of this species is uncertain.

Drepanocladus sordidus (Müll. Hal.) Hedenäs

Hedenäs 2003. **Dist.** III. Copiapó.

Drepanocladus symmetricus (Renauld & Cardot) Cardot = *Sanionia symmetrica*.

Drepanocladus uncinatus (Hedw.) Warnst. = *Sanionia uncinata*.

Drepanocladus uncinatus var. *plumulosus* (Schimp.) Warnst.

Cardot & Brotherus 1923. **Dist.** XI. Aisén.

Drepanocladus uncinatus var. *stenocarpus* Cardot & Broth. = *Sanionia uncinata* fide Ochyra & Matteri 2001.

Drepanocladus uncinatus var. *symmetricus* (Renauld & Cardot) Grout = *Sanionia symmetrica*.

Drummondia obtusifolia Müll. Hal.

Tropicos 2009; He 1998; Mitten 1869; Herzog & Hosseus 1938; Herzog 1954, 1960. **Dist.** VII. Linares; VIII. Ñuble; IX. Cautín; X. Osorno.

Duseniella genuflexa (Müll. Hal.) Broth. ≡ *Ancistrodes genuflexa*.

Ectropothecium berberidis Dusén ≡ *Rhaphidorrhynchium berberidis*.

Ectropothecium spirifolium Dusén ≡ *Vesiculariopsis spirifolium*.

Encalypta armata Broth. ex Dusén

Müller 2009 (as *Encalypta berthoana*, Thériot 1923). **Dist.** IV. Limarí; RM. Santiago; XI. General Carrera.

Encalypta asperifolia Mitt.

Tropicos. **Dist.** XV. Parinacota (*Moreno 12981, 12980, 12982*, MO, det. Robinson).

Encalypta australis Mitt. = *Encalypta vulgaris* fide Dixon 1926.

Encalypta austro-ciliata Broth. = *Encalypta ciliata* fide Horton 1983.

Encalypta berthoana Thér. = *Encalypta armata* fide Horton 1983.

Encalypta ciliata Hedw.

Buck 2002; Matteri & Schiavone 2002; Deguchi 1991a (as *Encalypta austro-ciliata*, Hässel et al. 1984; Dusén 1906a; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** VIII. Biobío; XI. General Carrera; XII. Antártica Chilena, Magallanes, Última Esperanza.

Encalypta obtusata Cardot & Broth. = *Encalypta vulgaris* fide Müller 2009.

Encalypta patagonica Broth. = *Encalypta rhapsocarpa* fide Ochyra 1998.

Encalypta procera Bruch

Müller 2009. **Dist.** XI. General Carrera.

Encalypta rhapsocarpa Schwägr.

Matteri & Schiavone 2002; Deguchi 1991a (as *Encalypta patagonica*, Dusén 1903b, 1905a, 1906a; Cardot 1908; Matteri 1985b; Hässel et al. 1984). **Dist.** XII. Magallanes, Tierra del Fuego, Última Esperanza.

Encalypta vulgaris Hedw.

(as *Encalypta australis*, Mitten 1869; as *Encalypta obtusata*, Matteri 1985b; Hässel et al. 1984). **Dist.** X. Chiloé; XII. Magallanes, Última Esperanza.

Entosthodon truncatus (Müll. Hal.) Mitt.

Mitten 1869. **Dist.** Without exact locality.

Entosthodon apophysatus (Taylor) Mitt.

Ireland et al. 2007. **Dist.** VII. Talca; VIII. Biobío, Concepción.

Entosthodon bonplandii (Hook.) Mitt.

Fife 1987 (as *Funaria bonplandii*, Thériot 1927b). **Dist.** Without exact locality.

Entosthodon chiloensis Mitt.

Mitten 1869 (as *Funaria chiloensis*, Thériot 1927b). **Dist.** X. Chiloé.

Entosthodon laevis (Mitt.) Fife

Ireland et al. 2007; He 1998; Fife 1987 (as *Funaria berteriana*, Herzog 1922, 1927; as *Funaria suberecta*, Williams 1915; Thériot 1927b). **Dist.** IV. Choapa, Limarí; V. Valparaíso; RM. Santiago; VIII. Concepción; XIV. Valdivia/Ranco.

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

Matteri & Schiavone 2002; Fife 1987; Deguchi 1991a (as *Funaria cavifolia*, Cardot & Brotherus 1923; as *Funaria pungens*, Hässel et al. 1984; Bartram 1946; Matteri 1985b). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Entosthodon mathewsii var. *integer* Müll. Hal.

He 1998; Fife 1987 (as *Funaria integra*, Thériot 1927b; Herzog 1954). **Dist.** IV. Limarí; V. Quillota, Valparaíso; RM. Chacabuco, Santiago.

Entosthodon obtusifolius Hook.f.

Cuvertino & Buffa 2009; Tropicos 2009; He 1998; Fife 1987 (as *Funaria acutifolia*, Thériot 1927b). **Dist.** VIII. Arauco, Concepción; XIV. Valdivia/Ranco; X. Llanquihue.

Ephemerum argentanicum Schiavone & Sarmiento

He 1998. **Dist.** IV. Limarí.

Eriodon conostomus Mont.

Tropicos 2009; Larraín 2007b; Larraín 2007a; He 1998; Dusén 1903b; Cardot 1908; Thériot 1918; Herzog 1922, 1954; Gunckel 1965; Reimers 1926; Bartram 1952 (as *Hypnum conostomum*, Mitten 1869). **Dist.** VIII. Arauco, Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Eriopus apiculatus (Hook.f. & Wilson) Mitt. = *Calyptrochaeta apiculata*.

Eriopus apiculatus var. *spatulatus* Matteri = *Calyptrochaeta apiculata* var. *spatulata*.

Eriopus beschernellei Thér. = *Calyptrochaeta mollis* fide Matteri 1998.

Eriopus flexicollis (Mitt.) A. Jaeger = *Calyptrochaeta flexicollis*.

Eriopus grandiretis Broth. = *Calyptrochaeta grandiretis*.

Eriopus leptoloma Broth. = *Calyptrochaeta leptoloma*.

Eriopus odontoloma Dusén ex Matteri = *Calyptrochaeta odontoloma*.

Erythrophylopsis fuscula (Müll. Hal.) Hilp.

Cano 2003. **Dist.** XV. Parinacota.

Eucamptodon perichaetialis (Mont.) Mont.

Tropicos 2009; Müller 2009; Larraín 2007b; Ochyra 1994; Hässel et al. 1984; Buck 2004; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1905c; Cardot 1908; Herzog 1922; Brotherus 1924b; Herzog & Hosseus 1938; Seki 1974; Robinson 1975; Matteri 1985b; Allen 1987a; Deguchi 1991a. **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Eucladium verticillatum (Brid.) Bruch & Schimp.

Roivainen 1934. **Dist.** VIII. Ñuble.

Eurhynchiella acanthophylla (Mont.) M. Fleisch.

Tropicos 2009; Pereira et al. 2006; Larraín 2005; Schaumann 2005; He 1998; Müller & Pereira 2006; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Seki 1974; Deguchi 1991a (as *Hypnum acanthophyllum*, Mitten 1869; as *Rhynchostegiella acanthophylla*, Espinosa 1941; Thériot 1915, 1918; Brotherus 1924a; Herzog 1922). **Dist.** IV. Choapa; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Cordillera, Santiago; VI. Cardenal Caro; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén.

Eurhynchiella acanthophylla var. ***robusta*** (Thér.) Ochyra

(as *Rhynchostegiella acanthophylla* var. *robusta*, Thériot 1917). **Dist.** V. Valparaíso.

Eurhynchium confusum Thér. = *Eurhynchium corralense* fide Wijk et al. 1962.

Eurhynchium corralense (Lorentz) A. Jaeger

He 1998 (as *Oxyrrhynchium corralense*, Tropicos 2009; Reimers 1926; Thériot 1934a; Herzog & Hosseus 1938; as *Rhynchostegium subsquarrosum*, Espinosa 1941; Herzog 1922; Brotherus 1924a; as *Eurhynchium flavidulum*, Ochyra 1987a; as *Sciaromium flavidulum*, Dusén 1905a; Cardot 1908; as *Eurhynchium confusum*, He 1998; Thériot 1918). **Dist.** IV. Limarí; VIII. Arauco, Biobío, Ñuble, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; Fuegia australis.

Eurhynchium fuegianum Cardot

Müller 2009; Buck 2002; Matteri & Ochyra 1989; Matteri & Schiavone 2002; Cardot & Brotherus 1923; Herzog & Hosseus 1938 (as *Platyhypnidium fuegianum*, Goffinet et al. 2006; as *Oxyrrhynchium fuegianum*, Herzog & Schwabe 1939; Herzog 1954). **Dist.** VIII. Ñuble; IX. Cautín, Malleco; X. Palena; XI. Aisén, General Carrera; XII. Antártica Chilena, Tierra del Fuego, Última Esperanza.

Eurhynchium flavidulum (Dusén) Ochyra = *Eurhynchium fuegianum* fide Matteri & Ochyra 1989.

Eurhynchium praelongum (Hedw.) Schimp. = *Kindbergia praelonga*.

Eustichia longirostris (Brid.) Brid.

Tropicos 2009; Hässel et al. 1984; Barrera 2006; He 1998; Müller & Pereira 2006; Dusén 1903b; Robinson 1975; Matteri 1985b; Deguchi 1991a (as *Eustichia poeppigii*, Espinosa 1941; Villagran et al. 2003; He 1998; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; Herzog 1954, 1960; as *Diplostichum poeppigii*, Thériot 1921). **Dist.** V. Petorca, Valparaíso; RM. Santiago; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Eustichia poeppigii (Müll. Hal.) Paris = *Eustichia longirostris* fide Allen 2002.

Exodokidium donati Herzog = *Bartramia robusta* fide Matteri 1984b.

Fabronia andina Mitt. = *Fabronia ciliaris* var. *wrightii* fide Buck 1983.

Fabronia andina var. *jaffueli* Thér. = *Fabronia jamesonii* fide Buck 1983.

Fabronia andina var. *chilensis* Thér. = *Fabronia jamesonii* fide Buck 1983.

Fabronia apophysatula Müll. Hal. = *Fabronia jamesonii* fide Buck 1983.

Fabronia ciliaris (Brid.) Brid. var. *ciliaris*

Tropicos 2009; He 1998; Deguchi 1991a (as *Fabronia latidens*, Herzog 1960; as *Fabronia minutissima*, Duby 1880). **Dist.** IV. Limarí; V. Petorca; VIII. Biobío, Concepción, Ñuble; X. Llanquihue, Osorno.

Fabronia ciliaris var. *polycarpa* (Hook.) W.R. Buck

He 1998. **Dist.** RM. Santiago.

Fabronia ciliaris var. *wrightii* (Sull.) W.R. Buck

He 1998 (as *Fabronia andina*, Mitten 1869; Herzog & Hosseus 1938; Herzog 1954; Matteri 1985b). **Dist.** IV. Limarí; V. Valparaíso; VIII. Biobío; IX. Cautín; X. Chiloé, Osorno; XII. Magallanes.

Fabronia enervis Herzog ≡ *Mahua enervis*.

Fabronia jamesonii Taylor

Tropicos 2009; Müller 2009; Pereira et al. 2006; Larraín 2007a; Ireland & Bellolio 2002; He 1998; Buck 1983; Deguchi 1991a (as *Fabronia andina* var. *jaffueli*, Thériot 1924; as *Fabronia apophysatula*, Herzog 1960; as *Fabronia lorentziae*, Herzog 1954; as *Fabronia macroblepharioides*, Barrera 2006; Espinosa 1941; Brotherus 1924). **Dist.** V. Valparaíso; RM. Santiago; VII. Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. General Carrera; XII. Magallanes, Última Esperanza; Easter I.

Fabronia latidens Duby = *Fabronia ciliaris* var. *ciliaris* fide Buck 1983.

Fabronia lorentziae Müll. Hal. = *Fabronia jamesonii* fide Buck 1983.

Fabronia macroblepharioides Broth. = *Fabronia jamesonii* fide Buck 1983.

Fabronia minutissima Duby = *Fabronia ciliaris* var. *ciliaris* fide Buck 1983.

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

Tangney & Fife 2003; Matteri & Schiavone 2002 (as *Camptochaete gracilis*, Hässel et al. 1984; Matteri 1985b; as *Isothecium serpens*, Dusén 1903b). **Dist.** XIV. Valdivia/Ranco; XI. Aisén; XII. Magallanes, Última Esperanza.

Felipponea hollermayeri Thér. = *Acroschisma wilsonii* fide Müller 2008.

Fissidens adianthoides Hedw.

Dusén 1906a; Matteri & Schiavone 2002; Müller & Pursell 2003. **Dist.** XII. Magallanes, Última Esperanza, Tierra del Fuego.

Fissidens asplenioides Hedw.

Tropicos 2009; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Mitten 1869; Brotherus 1924b; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954; Robinson 1975; Müller & Pursell 2003 (as *Fissidens maschalanthus* var. *minor*, Thériot 1918; as *Fissidens pycnotylus*, Brotherus 1924b). **Dist.** V. Valparaíso; VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes, Juan Fernández Is.

Fissidens asplenioides var. *australis* Cardot = *Fissidens maschalanthus* fide Müller & Pursell 2003.

Fissidens australiensis A. Jaeger = *Fissidens serratus* var. *serratus* fide Bruggenan-Nannenga & Pursell 1995.

Fissidens berteroi (Mont.) Müll. Hal.

Mitten 1869; Dusén 1906a; Müller & Pursell 2003 (as *Fissidens parvus*, Mitten 1869). **Dist.** V. Aconcagua, Quillota, Valparaíso; X. Chiloé.

Fissidens brotherianus Paris = *Fissidens curvatus* fide Pursell 1994.

Fissidens brotherianus var. *longisetus* Thér. = *Fissidens curvatus* fide Pursell 1994.

Fissidens brotherii Dusén = *Fissidens curvatus* fide Pursell 1994.

Fissidens bryoides Hedw. var. ***pusillus*** (Wilson) Pursell

Ireland et al. 2007; He 1998; Müller & Pursell 2003. **Dist.** V. San Antonio; VIII. Arauco, Concepción.

Fissidens bryoides var. ***viridulus*** (Sw.) Broth.

Ireland et al. 2007; He 1998; Müller & Pursell 2003. **Dist.** RM. Cordillera; VII. Talca; VIII. Arauco, Concepción.

Fissidens campylopus Mont. = *Fissidens oblongifolius* fide Pursell 1994.

Fissidens chilensis Dusén = *Fissidens crispus* fide Pursell 1994.

Fissidens costesii Thér. = *Fissidens crispus* fide Pursell 1994.

Fissidens crassicuspes Broth. = *Fissidens curvatus* fide Pursell 1994.

Fissidens crispus Mont.

Tropicos 2009; He 1998; Müller & Pereira 2006; Müller & Pursell 2003 (as *Fissidens chilensis*, Dusén 1906a; Thériot 1921; Herzog & Hosseus 1938; Herzog 1954; as *Fissidens costesii*, Thériot 1921; as *Fissidens fernandezianus*, Brotherus 1924b; Bartram 1957; Robinson 1975; as *Fissidens subaloma*, Espinosa 1941; Dusén 1906a; Thériot 1921, 1924; Brotherus 1924a). **Dist.** V. Petorca, Quillota, San Antonio, Valparaíso; RM. Cordillera, Melipilla, Santiago, Talagante; VI. Cachapoal, Colchagua; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; Juan Fernández Is.

Fissidens curvatus Hornsch.

Tropicos 2009; Larraín 2007b; Larraín 2007a; He 1998 (as *Fissidens brotherianus*, Thériot 1921, 1924; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; as *Fissidens brotherianus* var. *longisetus*, Thériot 1921; as *Fissidens brotherii*, Dusén 1906a; as *Fissidens crassicuspes*, Brotherus 1924b; Robinson 1975; as *Fissidens diversiformis*, Barrera 2001; Espinosa 1941; Brotherus 1924a; as *Fissidens valdiviensis*, Herzog 1922). **Dist.** II. El Loa; III. Copiapó; IV. Choapa, Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Santiago, Talagante; VI. Cachapoal, Cardenal Caro, Colchagua; VII. Talca; VIII. Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; Juan Fernández Is.

Fissidens dillenii Müll. Hal. = *Fissidens semicompletus* fide Pursell 1994.

Fissidens diversiformis Broth. = *Fissidens curvatus* fide Pursell 1994.

Fissidens echinellus Herzog = *Fissidens serratus* var. *serratus* fide Pursell 1994.

Fissidens excurrentinervis R.S. Williams

Cano 2003. **Dist.** II. El Loa.

Fissidens fernandezianus Broth. = *Fissidens crispus* fide Pursell 1994.

Fissidens lechleri Hampe ex Müll. Hal. = *Fissidens rigidulus* fide Müller & Pursell 2003.

Fissidens leptochaete Dusén = *Fissidens serratus* var. *leptochaete*.

Fissidens longidecurrrens Thér. = *Fissidens crispus* fide Müller & Pursell 2003.

Fissidens maschalanthus Mont.

Espinosa 1941; Schaumann 2005; Mitten 1869; Dusén 1906a; Cardot 1908; Thériot 1921; Brotherus 1924b; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1957; Robinson 1975; Müller & Pursell 2003. **Dist.** VIII. Arauco; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Fissidens maschalanthus var. *minor* Dusén = *Fissidens asplenioides* fide Pursell 1994.

Fissidens oblongifolius Hook.f. & Wilson

Tropicos 2009; Larraín 2007b; Larraín 2007a; He 1998; Müller & Pereira 2006; Müller & Pursell 2003 (as *Fissidens campylopus*, Mitten 1869; Dusén 1906a). **Dist.** VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue.

***Fissidens ornatocostatus* H. Rob.**

Robinson 1975; Müller & Pursell 2003. **Dist.** Juan Fernández Is.

Fissidens papillosum Sande Lac. = *Fissidens serratus* var. *serratus* fide Bruggeman-Nannenga & Pursell 1995.

Fissidens parvus Mitt., *hom. illeg.* = *Fissidens berteroi* fide Pursell 1994.

***Fissidens pascuanus* Broth.**

Barrera 2006; Espinosa 1941; Ireland & Bellolio 2002; Müller & Pursell 2003; Brotherus 1924. **Dist.** Easter I.

***Fissidens pellucidus* Hornsch.**

Ireland & Bellolio 2002; Müller & Pursell 2003. **Dist.** Easter I.

Fissidens pycnotylus Broth. = *Fissidens asplenioides* fide Robinson 1975.

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

Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Pereira et al. 2006; Buck 2002; Buck 2005a; Espinosa 1941; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Mitten 1869; Dusén 1906a; Cardot 1908; Thériot 1921, 1925; Brotherus 1924b; Reimers 1926; Roivainen 1934, 1937; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1957; Robinson 1975; Matteri 1985b; Müller & Pursell 2003. **Dist.** V. Petorca, San Antonio, Valparaíso; RM. Cordillera, Santiago, Talagante; VI. Colchagua; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.

Fissidens rigidulus subsp. *masatierrensis* Brugg.-Nann. = *Fissidens rigidulus* fide Müller & Pursell 2003.

***Fissidens scalaris* Mitt.**

Espinosa 1941; He 1998; Mitten 1869; Thériot 1921; Brotherus 1924a; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; Müller & Pursell 2003 (as *Fissidens tener*, Dusén 1906a). **Dist.** IV. ? Andes Chilensis; V. Petorca, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Santiago; VIII. Biobío, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco.

***Fissidens semicompletus* Hedw.**

Mitten 1869; Müller & Pursell 2003 (as *Fissidens dillenii*, Dusén 1906a; as *Octodiceras dillenii*, Cardot 1908). **Dist.** X. Llanquihue.

***Fissidens serratus* Müll. Hal. var. *leptochaete* (Dusén) Brugg.-Nann. & Pursell**

Tropicos 2009; Bruggeman-Nannenga & Pursell 1995; Frey & Schaumann 2002; Müller & Pursell 2003 (as *Fissidens leptochaete*, Dusén 1906a; Brotherus 1924b; Robinson 1975). **Dist.** VIII. Biobío, Concepción; X. Osorno, Palena; Juan Fernández Is.

Fissidens serratus* Müll. Hal. var. *serratus

Larraín 2007b; Larraín 2007a; Ireland et al. 2007; He 1998; Müller & Pursell 2003 (as *Fissidens australiensis*, Stone 1994; as *Fissidens echinellus*, Herzog 1954; as *Fissidens papillosum*, Pursell 1994). **Dist.** V. Aconcagua, Petorca, San Antonio, Valparaíso; VIII. Concepción; IX. Cautín; X. Chiloé.

Fissidens subaloma Dusén = *Fissidens crispus* fide Pursell 1994.

***Fissidens taxifolius* Hedw.**

Espinosa 1941; He 1998; Brotherus 1924a; Müller & Pursell 2003. **Dist.** VIII. Concepción.

Fissidens tener Dusén = *Fissidens scalaris* fide Pursell 1994.

Fissidens valdiviensis Herzog = *Fissidens curvatus* fide Pursell 1994.

***Fissidens* spec.**

Mahu 1981. **Dist.** V. Valparaíso.

Florschuetzia pilmaiquen Crosby ≡ *Diphyscium pilmaiquen*.

***Forsstroemia trichomitria* (Hedw.) Lindb.**

Rao & Enroth in Blockeel et al. 2003. **Dist.** IX. Malleco; X. Llanquihue.

Funaria acutifolia (Hampe) Broth. = *Entosthodon obtusifolius* fide Fife 1987.

Funaria balansae (Besch.) Broth. ≡ *Entosthodon balansae*.

Funaria berteriana Hampe = *Entosthodon laevis* fide Fife 1987.
Funaria bonplandii (Brid.) Broth. = *Entosthodon bonplandii*.
Funaria calvescens Schwägr. = *Funaria hygrometrica* fide Ochi 1968.
Funaria cavifolia Cardot & Broth. = *Entosthodon laxus* fide Fife 1987.

Funaria chilensis (Thér.) Thér.

Cuvertino & Buffa 2009; He 1998; Thériot 1926, 1927 (as *Funaria clavellata* var. *chilensis*, Thériot 1924). **Dist.** V. Petorca, San Antonio, Valparaíso; VIII. Concepción, Ñuble.

Funaria chiloensis (Mitt.) Broth. = *Entosthodon chiloensis*.
Funaria clavellata (Mitt.) Broth. var. *chilensis* Thér. = *Funaria chilensis*.

Funaria commixta Thér.

He 1998; Thériot 1926, 1927; Herzog 1954; Villagran et al. 2004. **Dist.** IV. Limarí; V. Petorca, San Antonio; VIII. Concepción; X. Llanquihue.

Funaria costesii Thér.

He 1998; Thériot 1921, 1927; Villagran et al. 2004. **Dist.** IV. Limarí; V. Petorca, San Antonio, Valparaíso; RM. Santiago.

Funaria fuegiana Müll. Hal. = *Funaria hygrometrica* var. *fuegiana*.

Funaria hygrometrica Hedw. var. ***fuegiana*** (Müll. Hal.) Besch.

Buck 2002; Matteri & Schiavone 2002; Thériot 1927b; Deguchi 1991a (as *Funaria fuegiana*, Cardot 1908). **Dist.** IX. Cautín; XII. Antártica Chilena, Magallanes.

Funaria hygrometrica Hedw. var. ***hygrometrica***

Tropicos 2009; Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Espinosa 1941; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Williams 1915; Thériot 1915, 1917, 1918, 1921, 1927; Brotherus 1924a, 1924b; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954; Seki 1974; Robinson 1975; Mahu 1981; Matteri 1985b; Deguchi 1991a; Cardot 1905 (as *Funaria calvescens*, Herzog 1954; as *Funaria hygrometrica* var. *calvescens*, Thériot 1927b; as *Funaria hygrometrica* var. *crispa*, Thériot 1927b). **Dist.** IV. Choapa, Elqui, Limarí; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante; VI. Colchagua; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.

Funaria hygrometrica var. *calvescens* (Schwägr.) Schimp. = *Funaria hygrometrica* fide Enroth 1991.

Funaria hygrometrica var. *crispa* (Müll. Hal.) Paris = *Funaria hygrometrica* fide Enroth 1991.

Funaria integra (Müll. Hal.) Broth. = *Entosthodon mathewsii* var. *integer*.

Funaria integra (Müll. Hal.) Broth. var. ***serrulata*** Broth.

Brotherus 1924a; Espinosa 1941. **Dist.** IV. Coquimbo, Limarí.

Funaria macrocarpa (Schimp.) R.H. Zander = *Costesia macrocarpa*.

Funaria porteri Thér.

Thériot 1928. **Dist.** VII. Linares.

Funaria pungens E.B. Bartram = *Entosthodon laxus* fide Fife 1987.

Funaria suberecta Mitt. = *Entosthodon laevis* fide Fife 1987.

Gemmabryum acuminatum (Harv.) J.R. Spence & H.P. Ramsay = *Brachymenium acuminatum*.

Gertrudiella validinervis (Herzog) Broth.

Tropicos 2009. **Dist.** II. Antofagasta (*Mahú 13150*, MO, det. Zander).

Glyphomitrium ligulatum Mitt. = *Ptychomitrium ligulatum*.

Glyphomitrium fernandesianum Mitt. = *Ptychomitrium fernandesianum*.

Glyphothecium gracile (Hampe) Broth.

Tropicos 2009; Larraín 2007a; Larraín 2005; He 1998; Müller & Pereira 2006; Mitten 1869; Thériot 1915; Reimers 1926; Herzog & Hosseus 1938; Herzog 1954, 1960; Seki 1974; Hattaway 1981, 1984; Deguchi 1991b; Kühnemann & Goncalves Carralves 1975 (as *Cladomnion gracile*, Mitten 1869; Dusén 1903b; as *Glyphothecium gracile* var. *nanum*, Herzog 1922). **Dist.** V. Valparaíso; VI. Cachapoal, Colchagua; VII. Cauquenes, Curicó,

Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén.

Glyphothecium gracile var. *nanum* Herzog = *Glyphothecium gracile* fide Hattaway 1984.

Glyphothecium sciuroides (Hook.) Hampe

Larraín 2007b; Schaumann 2005; Hattaway 1981, 1984; Deguchi 1991b (as *Cladomnion valdiviae*, Müller 1897). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Goniobryum reticulatum (Hook.f & Wilson) Lindb. = *Philonotis vagans* fide Matteri & Schiavone 2002.

Goniobryum subbasilare (Hook.) Lindb.

Matteri & Piñero 1987; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Matteri & Schiavone 2002; Cardot 1908; Cardot & Broth. 1923; Matteri 1985b (as *Rhizogonium subbasilare*, Mitten 1869; Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Grimmia abscondita Cardot = *Schistidium praemorsum* fide Ochyra et al. 2008.

Grimmia alpicola Hedw. var. *rivularis* (Brid.) Broth. = *Schistidium rivulare*.

Grimmia amblyophylla Müll. Hal. = *Schistidium amblyophyllum*.

Grimmia anodon Bruch & Schimpf.

Tropicos 2009; Muñoz 1999; He 1998; Deguchi 1984. **Dist.** RM. Santiago. XII. Antártica Chilena, Última Esperanza.

Grimmia apocarpa Hedw. = *Schistidium apocarpum*.

Grimmia arachnoidea Dusén, *nom. nud.* = *Grimmia pulvinata* fide Muñoz & Pando 2000.

Grimmia austrofunalis Müll. Hal.

Tropicos 2009; Muñoz & Pando 2000; Muñoz 1999. **Dist.** VI. Cachapoal; VII. Talca; VIII. Biobío, Ñuble; IX. Cautín; X. Llanquihue, Palena; Aisén.

Grimmia chilensis Thér. ex Herzog = *Grimmia navicularis* fide Deguchi 1987.

Grimmia consobrina Kunz. ex Müll. Hal. = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia crassiretis Cardot & Broth. = *Grimmia austrofunalis* fide Muñoz & Pando 2000.

Grimmia depressa Müll. Hal. = *Bucklandiella didyma* fide Matteri & Schiavone 2002.

Grimmia depressa var. *terrestris* Müll. Hal. = *Bucklandiella didyma* fide Matteri & Schiavone 2002.

Grimmia dicksonii (Dusén) Dusén, *hom. illeg.* = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia donatii Herzog & Thér. = *Schistidium amblyophyllum* fide Ochyra et al. 2008.

Grimmia fallax Dusén = *Schistidium andinum* fide Ochyra et al. 2008.

Grimmia fasciculata Dusén, *hom. illeg.* = *Schistidium falcatum* fide Deguchi 1984.

Grimmia fastigiata Cardot = *Grimmia fuscolutea* fide Matteri & Schiavone 2002.

Grimmia flexicaulis Müll. Hal. var. *dicksonii* Dusén = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia flexiseta Dusén, *nom. nud.* = *Grimmia trichophylla* fide Muñoz 1999.

Grimmia fuscolutea Hook.

Matteri & Schiavone 2002 (as *Dryptodon fuscoluteus*, Ochyra et al. 2008; as *Grimmia fastigiata*, Cardot & Broth. 1923). **Dist.** XII. Tierra del Fuego, Última Esperanza.

Grimmia grisea Cardot = *Grimmia reflexidens* fide Muñoz & Pando 2000.

Grimmia gusindei J. Froehl. = *Grimmia trichophylla* fide Muñoz 1999.

Grimmia humilis Mitt.

Matcham et al. 2007; Muñoz & Pando 2000; Muñoz 1999; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Bartram 1952; Deguchi 1984. **Dist.** RM. Santiago; XI. Coihaique; XII. Magallanes, Última Esperanza.

Grimmia hyalinocuspida Müll. Hal. = *Schistidium amblyophyllum* fide Ochyra 1998.

Grimmia hyalinocuspida var. *mutica* Cardot & Broth. = *Schistidium amblyophyllum* fide Ochyra et al. 2008.

Grimmia imberbis Kunze ex Müll. Hal. = *Grimmia trichophylla* fide Muñoz 1999.

Grimmia kidderi James

Buck 2002; Muñoz & Pando 2000; Muñoz 1999. **Dist.** IX. Malleco; XII. Antártica Chilena.

Grimmia laevigata (Brid.) Brid.

Tropicos 2009; Muñoz & Pando 2000; Muñoz 1999; He 1998; Deguchi 1984, 1991a (as *Grimmia murina*, Dusén 1905a). **Dist.** IV. Choapa; V. Petorca; RM. Chacabuco, Santiago; VII. Curicó; VIII. Biobío, Ñuble.

Grimmia longirostris Hook.

NY 2009; Muñoz & Pando 2000; Muñoz 1999; Matteri & Schiavone 2002. **Dist.** XV. Paríacota; XII. Tierra del Fuego.

Grimmia macropulvinata Dusén = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia molesta J. Muñoz

Cano 2003. **Dist.** XV. Parinacota.

Grimmia murina Müll. Hal. = *Grimmia laevigata* fide Deguchi 1984.

Grimmia navicularis Herzog

He 1998; Deguchi 1991a (as *Grimmia chilensis*, Seki 1974; Deguchi 1984). **Dist.** V. Petorca; RM. Chacabuco, Cordillera, Santiago; VII. Linares; VIII. Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén.

Grimmia nivea Dusén = *Grimmia plagiopodia* fide Deguchi 1984.

Grimmia occulta Müll. Hal. = *Schistidium andinum* fide Ochyra et al. 2008.

Grimmia orbicularis Bruch

Matteri & Schiavone 2002; Dusén 1905a, 1906b; Cardot 1908; Cardot & Brotherus 1923. **Dist.** XI. Aisén; XII. Tierra del Fuego.

Grimmia orbicularis var. *patagonica* Cardot = *Grimmia pulvinata* fide Muñoz 1999.

Grimmia pachyloma Mont. ≡ *Vittia pachyloma*.

Grimmia pachyphylla Dusén = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia perplexa Thér. ≡ *Schistidium perplexum*.

Grimmia phyllorhizans Broth. = *Grimmia pulvinata* fide Muñoz 1999.

Grimmia plagiopodia Hedw.

Muñoz & Pando 2000; Muñoz 1999; Deguchi 1984; Cano 2003 (as *Grimmia nivea*, Dusén 1905a, 1906b; Seki 1974). **Dist.** XV. Parinacota; XI. Aisén; XII. Última Esperanza.

Grimmia pseudoanodon Deguchi

Cano 2003. **Dist.** XV. Parinacota.

Grimmia pulvinata (Hedw.) Sm.

Buck 2002; Muñoz & Pando 2000; Muñoz 1999 (as *Grimmia orbicularis* var. *patagonica*, Cardot 1908; as *Grimmia arachnoidea*, Dusén 1903b; as *Grimmia phyllorhizans*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Robinson 1975; as *Grimmia pulvinata* var. *africana*, He 1998; Deguchi 1984). **Dist.** V. Aconcagua, Los Andes; RM. Chacabuco, Cordillera, Santiago; VI. Colchagua; X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.

Grimmia pulvinata (Hedw.) var. *africana* (Hedw.) Hook.f. & Wilson = *Grimmia pulvinata* fide Muñoz & Pando 2000.

Grimmia pycnophylla Dusén, *nom. nud.* = *Grimmia trichophylla* fide Deguchi 1984.

Grimmia reflexidens Müll. Hal.

Tropicos 2009; Buck 2002; Muñoz & Pando 2000; Muñoz 1999; He 1998; Mitten 1869; Dusén 1906b; Deguchi 1984; Deguchi 1991a (as *Grimmia flexisetata*, Dusén 1903b; as *Grimmia grisea*, Hässel et al. 1984; Thériot 1934b; Matteri 1985b). **Dist.** RM. Cordillera, Santiago; VI. Colchagua; VIII. Biobío, Ñuble; IX. Cautín; X. Osorno; XI. Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.

Grimmia scabripes E.B. Bartram ≡ *Schistidium scabripes*.

Grimmia serripila Dusén *ex Paris, nom. nud.* = *Grimmia laevigata* fide Muñoz 1999.

Grimmia sessitana De Not.

(as *Orthogrimmia sessitana*, Ochyra et al. 2008). **Dist.** XI. Aisén.

Grimmia tenuicaulis Hampe *ex A. Jaeger* = *Grimmia longirostris* fide Muñoz & Pando 2000.

Grimmia trichophylla Grev.

Tropicos 2009; Matcham et al. 2007; Buck 2002; Pereira et al. 2006; Muñoz & Pando 2000; Muñoz 1999; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Deguchi 1984, 1991a (as *Grimmia consobrina*, Mitten 1869; Dusén 1906b; Thériot 1917, 1921, 1935; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954; Seki 1974; as *Grimmia crassiretis*, Cardot & Brotherus 1923; as *Grimmia dicksonii*, Dusén 1906b; Cardot 1908; as *Grimmia flexicaulis* var. *dicksonii*; as *Grimmia macropulvinata*, Dusén 1903b, 1906b; as *Grimmia pachyphylla*, Dusén 1905a; as *Grimmia pycnophylla*, Dusén 1903b; as *Grimmia imberbis*, Mitten 1869; Dusén 1906b; Herzog 1960; as *Grimmia gusindei*, Froehlich 1953). **Dist.** IV. Choapa, Elqui, Limarí; V. Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Santiago, Talagante; VI. Cachapoal,

Cardenal Caro, Colchagua; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Gymnostomum aeruginosum* Sm.**

Müller 2009; Matteri 1985b; Deguchi 1991b. **Dist.** VIII. Biobío, Ñuble; XIV. Valdivia/Ranco; XI. General Carrera; Juan Fernández Is.

Gymnostomum antarcticum Ångström ≡ *Hennediella antarctica*.

Gymnostomum calcareum* Nees & Hornsch. var. *calcareum

Tropicos 2009; Ireland et al. 2007; Espinosa 1941; Dusén 1906a; Thériot 1921; Brotherus 1924b; Herzog & Hosseus 1938; Robinson 1975; Deguchi 1991b (as *Weissia calcarea*, Mitten 1869). **Dist.** V. Valparaíso; VI. Cachapoal; VIII. Biobío; XIV. Valdivia/Ranco; XI. Aisén, General Carrera; Juan Fernández Is.

***Gymnostomum calcareum* var. *tenellum* Bruch & Schimp.**

Herzog 1954. **Dist.** RM. Santiago.

Gymnostomum laxifolium* Kunze ex Paris, *hom. illeg.

Brotherus 1924. **Dist.** Chile, without exact locality.

***Gymnostomum tenerrimum* (Müll. Hal.) Wijk & Margad.**

(as *Anoectangium tenerrimum*, Mitten 1869). **Dist.** VIII. Ñuble. Note: This species probably belongs to *Zygodon*.

Haplodontium argentifolium (Mitt.) A. Jaeger ≡ *Mielichhoferia argentifolia*.

***Haplohymenium longinerve* (Broth.) Broth.**

He 1998. **Dist.** V. Petorca; VII. Linares; VIII. Biobío.

***Hebantia rigida* (Lorentz) G. L. Merr.**

Ireland et al. 2006; Smith Merrill 1996 (as *Oligotrichum rigidum*, Mullen & Frye 1947; Villagran et al. 2003). **Dist.** VIII. Arauco, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Palena.

Hedwigia orbiculata Mitt. = *Rhacocarpus purpurascens* fide Frahm 1996.

***Hedwigidium chilense* M. Fleisch., *nom. nud.* (as *Braunia chilensis*, *nom. nud.*, Brotherus 1920).**

Hedwigidium imberbe (Sm.) Bruch & Schimp. = *Hedwigidium integrifolium* fide Wijk et al. 1962.

***Hedwigidium integrifolium* (P. Beauv.) Dixon**

Tropicos 2009; He 1998; Deguchi 1991a (as *Hedwigidium imberbe*, Reimers 1926; Herzog & Hosseus 1938; Bartram 1952). **Dist.** RM. Cordillera; VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue.

Hennediella acutidentata (Thér. & Cardot) R.H. Zander = *Hennediella antarctica* fide Cano 2008.

***Hennediella antarctica* (Ångström) Ochyra & Matteri**

Matcham et al. 2007; Buck 2002; Matteri & Schiavone 2002; Ochyra & Matteri 1996 (as *Pottia antarctica*, Dusén 1903b; Dusén 1906a; as *Pottia magellanica*, Cardot 1908; as *Pottia heimii* var. *thaxteri*, Thériot 1929b; as *Hennediella heimii* var. *thaxteri*, Zander 1993). **Dist.** XII. Antártica Chilena, Magallanes, Última Esperanza.

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

Cano 2008; Matteri & Schiavone 2002; Zander 1993 (as *Barbula arenae*, Dusén 1903b; as *Tortula arenae*, Cardot 1908; Herzog 1922; Roivainen 1934; Herzog & Schwabe 1939; as *Syntrichia lingulaefolia*, Herzog 1954; as *Tortula polycarpa*, Ireland et al. 2007; Dusén 1906a; Cardot 1908; Cardot & Brotherus 1923). **Dist.** VIII. Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén; XII. Magallanes, Tierra del Fuego.

Hennediella austrogeorgica (Cardot) Blockeel = *Hennediella antarctica* fide Cano 2008.

Hennediella austrogeorgica var. *microphylla* (Cardot & Broth.) R.H. Zander = *Hennediella antarctica* fide Cano 2008.

***Hennediella bellii* (E.B. Bartram) R.H. Zander**

Cano 2008. **Dist.** II. El Loa.

***Hennediella densifolia* (Hook.f. & Wilson) R.H. Zander**

Matcham et al. 2007; Buck 2002; Matteri & Schiavone 2002; Zander 1993 (as *Barbula densifolia*, Dusén 1903b; as *Tortula densifolia*, Hässel et al. 1984; Cardot 1908; Herzog 1922; Cardot & Brotherus 1923; Deguchi 1991b; as *Neobarbula magellanica*, Dusén 1905a, 1906a).

Dist. XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Henediella diaguita R.H. Zander & Mahu = *Tortula diaguita*.

Henediella heimii var. *flavipes* (Mont.) Warnst. = *Henediella heimii* fide Cano 2008.

Henediella heimii (Hedw.) R.H. Zander var. *heimii*

Buck 2002; Matteri & Schiavone 2002; Zander 1993 (as *Pottia heimii*, Dusén 1906b; Cardot 1908; as *Tortula heimii*, Mitten 1869; as *Pottia flavipes*, Bartram 1943; as *Tortula flaviseta*, Mitten 1869; as *Henediella heimii* var. *magellanica*, Zander 1993; as *Pottia heimii* var. *magellanica*, Herzog 1922; as *Henediella heimii* var. *maxima*, Matteri & Schiavone 2002; as *Pottia heimii* var. *maxima*, Cardot 1905). **Dist.** XV. Parinacota; III. Copiapó, Huasco; IV. Limarí; RM. Cordillera; XII. Antártica Chilena, Magallanes, Última Esperanza.

Henediella heimii var. *magellanica* (Warnst.) R.H. Zander = *Henediella heimii* fide Cano 2008.

Henediella heimii var. *maxima* (Cardot) R.H. Zander = *Henediella heimii* fide Cano 2008.

Henediella heimii var. *spgazzinii* (Müll. Hal.) R.H. Zander

Matteri & Schiavone 2002; Zander 1993 (as *Pottia spgazzinii*, Dusén 1903b, 1906a; Cardot 1908). **Dist.** X. Llanquihue; XII. Tierra del Fuego. Note: Type material has not been studied by Cano (2008), therefore the application of this name is in doubt.

Henediella heimii var. *thaxteri* (Cardot & Thér.) R.H. Zander = *Henediella antarctica* fide Cano 2008.

Henediella kunzeana (Müll. Hal.) R.H. Zander

Müller 2009; Ireland et al. 2007 (as *Tortula kunzeana*, Mitten 1869, Williams 1915, Thériot 1921). **Dist.** IV. Choapa, Coquimbo, Limarí; V. Aconcagua, Petorca, Valparaíso; RM. Cordillera, Santiago; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; X. Chiloé.

Henediella serrulata (Hook. & Grev.) R.H. Zander = *Syntrichia serrulata*.

Holodontium inerme (Mitt.) Broth. = *Holodontium strictum* fide Ochyra 1993a.

Holodontium pumilum (Mitt.) Broth. = *Kiaeria pumila*.

Holodontium ramulosum (Mitt.) Broth. = *Kiaeria pumila* fide Ochyra 1993a.

Holodontium strictum (Hook.f. & Wilson) Ochyra

Müller 2009; Ochyra et al. 2008; Matteri & Schiavone 2002 (as *Blindia auriculata*, Dusén 1905b; as *Dicranum inerme*, Cardot & Brotherus 1923; as *Holodontium inerme*, Roivainen 1934, 1937; Herzog & Schwabe 1939). **Dist.** VII. Talca; VIII. Ñuble; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Hookeria scabriuscula Müll. Hal. = *Callicostella scabriuscula*.

Hookeria sublimbata Müll. Hal. = *Cyclodictyon sublimbatum*.

Hookeriopsis incurva (Hornsch.) Broth. = *Thamniopsis incurva*.

Hygroamblystegium austrofluviale (Müll. Hal.) Broth. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium chilense (Lorentz) Reim. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium crassicoatum E.B. Bartram, *hom. illeg.*, Bartram 1943.

Hygroamblystegium filum (Müll. Hal.) Reim. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum (Besch.) Reim. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum var. *compactum* E.B. Bartram = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum var. *excurrens* (Cardot & Broth.) E.B. Bartram = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum var. *gracilis* (Cardot & Broth.) E.B. Bartram = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum var. *secundum* E.B. Bartram = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium fuegianum var. *skottsbergii* (Cardot) E.B. Bartram = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium luridum (Cardot) Reim. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hygroamblystegium tenellum (Cardot & Broth.) Reim. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Hymenocleiston peruvienne R.S. Williams = *Rhynchostegium peruvienne*.

Hymenocleiston magellanicum Duby = *Tayloria dubyi* fide Brotherus 1903.

Hymenocleiston magellanicum var. *edenense* Besch. ≡ *Tayloria dubyi* var. *edenensis*.

Hymenoloma antarcticum (Müll. Hal.) Ochyra

(as *Dicranoweisia breviseta*, Matteri & Schiavone 2002; Cardot & Brotherus 1923; Roivainen 1937; Seki 1974; as *Dicranoweisia brevipes*, Ochyra 1998; as *Dicranoweisia antarctica*, Hässel et al. 1984; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1937; Herzog & Schwabe 1939; Roivainen 1937; Bartram 1952; Herzog 1954; Seki 1974; Matteri 1985b; as *Dicranum antarcticum*, Mitten 1869; as *Hymenoloma nordenskjöldii*, Dusén 1905b; Cardot 1908; Cardot & Brotherus 1923; as *Dicranoweisia nordenskjöldii*, Reimers 1936; as *Dicranoweisia antarctica* fo. *breviseta*, Roivainen 1937). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Hymenoloma brevisetum (Cardot) Ochyra = *Hymenoloma antarcticum* fide Ochyra et al. 2008.

Hymenoloma crispulum (Hedw.) Ochyra

(as *Dicranoweisia crispula*, Buck 2002; Matteri & Schiavone 2002; Ochyra 1998; as *Dicranoweisia austrocrispula*, Hässel et al. 1984; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Donat 1936; Roivainen 1937; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991a; as *Blindia sulphurea*, Dusén 1903b; as *Dicranoweisia perpulvinata*, Dusén 1903b, 1905b). **Dist.** X. Llanquihue; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Hymenoloma jugelliferum (Dusén) Ochyra

(as *Dicranoweisia jugellifera*, Matteri & Schiavone 2002; Dusén 1905b). **Dist.** XII. Magallanes.

Hymenoloma nordenskjöldii Dusén = *Hymenoloma antarcticum* fide Ochyra et al. 2008.

Hymenoloma subglobosum Herzog

Herzog 1937. **Dist.** XI. Aisén.

Hymenoloma turpe (Cardot) Cardot & Broth.

Donat 1936 (as *Dicranoweisia turpis*, Matteri & Schiavone 2002; as *Verrucidens turpis*, Hässel et al. 1984; Matteri 1985b). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Hymenostomum kunzeanum (Müll. Hal.) Broth. ≡ *Weissia kunzeana*.

Hymenostylium longo-pulvinatum Dusén = *Hymenostylium recurvirostrum* fide Zander 1977.

Hymenostylium recurvirostrum (Hedw.) Dixon

Matteri & Schiavone 2002 (as *Hymenostylium longopulvinatus*, Dusén 1906a; Cardot 1908; Cardot & Brotherus 1923; as *Anoetangium patagonicum*, Cardot & Brotherus 1923). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Hypophila macrocarpa (Schimp.) Kindb. ≡ *Costesia macrocarpa*.

Hypnodendron krausei (Müll. Hal.) A. Jaeger = *Hypnodendron microstictum* fide Reimers 1926.

Hypnodendron microstictum Mitt. ex A. Jaeger & Sauerb.

Tropicos 2009; Larraín 2007b; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Mitten 1869; Herzog 1922; Brotherus 1924b; Seki 1974; Robinson 1975; Deguchi 1991a (as *Hypnodendron krausei*, Dusén 1903b; Cardot 1908; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1957). **Dist.** RM. Cordillera, Santiago; VI. Colchagua; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Hypnodendron naumanni (Müll. Hal.) Paris = *Porothamnium arbusculans* fide Reimers 1926.

Hypnum acanthophyllum Mont. ≡ *Eurhynchiella acanthophylla*.

Hypnum aduncum Hedw. ≡ *Drepanocladus aduncus*.

Hypnum austroucinatum Müll. Hal. = *Sanionia uncinata* fide Wijk et al. 1964.

Hypnum bertereanum Mont. ≡ *Catagoniopsis bertereanum*.

Hypnum campoanum (Thér.) Broth.

NY 2009; Herzog & Hosseus 1938; Herzog 1954, 1960 (as *Stereodon campoanum*, Thériot 1918). **Dist.** IX. Cautín, Malleco; X. Osorno, Palena.

Hypnum complanum Mitt. ≡ *Rhynchostegium complanum*.

***Hypnum chrysogaster* Müll. Hal.**

Larraín 2007b; Larraín 2005; Villagran et al. 2003; Schaumann 2005; Müller & Pereira 2006; Matteri & Schiavone 2002; Seki 1974; Deguchi 1991a (as *Hypnum lechleri*, Cardot 1908; Brotherus 1924b; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1957; Robinson 1975; as *Stereodon lechleri*, Espinosa 1941; Mitten 1869; Dusén 1903b). **Dist.** VII. Cauquenes; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Hypnum conostomum (Mont.) Mitt., *hom. illeg.* ≡ *Eriodon conostomus*.

Hypnum cupressiforme* Hedw. var. *cupressiforme

Hässel et al. 1984; Ireland et al. 2007; He 1998; Cardot & Brotherus 1923; Reimers 1926; Herzog & Hosseus 1938; Bartram 1952; Seki 1974; Deguchi 1991a. **Dist.** IV. Choapa; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

***Hypnum cupressiforme* var. *filiforme* Brid.**

Ireland et al. 2007; He 1998; Deguchi 1991a. **Dist.** VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno.

***Hypnum cupressiforme* var. *julaceum* Brid.**

Deguchi 1991a. **Dist.** XI. Aisén.

***Hypnum cupressiforme* var. *lacunosum* Brid.**

Matteri & Schiavone 2002; Deguchi 1991a. **Dist.** XI. Aisén. XII. Última Esperanza.

***Hypnum cupressiforme* var. *mossmianum* (Müll. Hal.) Ando**

Díaz et al. 2008; Goffinet et al. 2006; Larraín 2007b; Matcham et al. 2007; Buck 2002; Larraín 2007a; Larraín 2005; Matteri & Schiavone 2002; Deguchi & Oginuma 1989; Deguchi 1991a. **Dist.** IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes.

Hypnum fluitans Hedw. ≡ *Warnstorfia fluitans*.

Hypnum fluitans var. *laculosum* (Müll. Hal.) Paris = *Warnstorfia fontinaliopsis* fide Ochyra & Matteri 2001.

Hypnum fuegianum (Mitt.) Müll. Hal. = *Warnstorfia fluitans* fide Ochyra & Matteri 2001.

Hypnum lechleri Müll. Hal. = *Hypnum chrysogaster* fide Ando 1972.

Hypnum longifolium Wilson ex Mitt. ≡ *Drepanocladus longifolius*.

Hypnum masafuerae E.B. Bartram ≡ *Sematophyllum masafuerae*.

Hypnum nitidum (Hook.f. & Wilson) Müll. Hal. ≡ *Catagonium nitidum*.

Hypnum pallens Schimp. ex Cardot, *hom. illeg.* = *Hypnum skottsbergii* fide Ando 1972.

Hypnum paradoxum Hook.f. & Wilson ≡ *Brachytheciastrum paradoxum*.

Hypnum perplicatum Dusén = *Drepanocladus perplicatus* fide Hedenäs 2003.

Hypnum revolutum* (Mitt.) Lindb. var. *revolutum* fo. *revolutum

Matteri 1985b; Hässel et al. 1984. **Dist.** XII. Magallanes, Última Esperanza.

***Hypnum skottsbergii* Ando**

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Buck 2002; Larraín 2007a; Larraín 2005; Matteri & Schiavone 2002; Ando 1972, 1982; Seki 1974; Ando & Matteri 1982; Matteri 1985b; Deguchi 1991a (as *Hypnum pallens*, Herzog & Hosseus 1938; Herzog & Schwabe 1939; Thériot 1934b; as *Stereodon pallens*, Cardot 1908; Herzog 1922, 1960). **Dist.** IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Hypnum spegazzinii* Müll. Hal.**

(as *Brachythecium spegazzinii*, Kindberg 1888). **Dist.** XII. Magallanes.

Hypnum subpilosum Hook.f. & Wilson ≡ *Brachythecium subpilosum*.

Hypnum symmetricum (Renauld & Cardot) Renauld & Cardot ≡ *Sanionia symmetrica*.

Hypnum tenuifolium Hedw. ≡ *Rhynchostegium tenuifolium*.

Hypnum tenuirostre Hook.f. = *Sematophyllum uncinatum* fide Stone & Scott 1973.

Hypnum toxarion Schwägr. ≡ *Rigodium toxarion*.

Hypnum uncinatum Hedw. ≡ *Sanionia uncinata*.

Hypnum uncinatum Hedw. subsp. *symmetricum* Renauld & Cardot ≡ *Sanionia symmetrica*.

Hypopterygium arbuscula Brid. ≡ *Dendrohypopterygium arbuscula*.

Hypopterygium concinnum (Hook.f.) Brid. ≡ *Lopidium concinnum*.

Hypopterygium didictyon Müll. Hal.

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Buck 2002; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Kruijer 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Thériot 1924, 1934b; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Matteri 1973b, 1985b; Deguchi 1991b. **Dist.** V. Valparaíso; RM. Santiago; VIII. Biobío, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Hypopterygium flexisetum Hampe = *Lopidium concinum* fide Matteri 1973b.

Hypopterygium plumarium Mitt. = *Lopidium concinum* fide Matteri 1973b.

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

Kruijer 2002. **Dist.** X. Chiloé.

Hypopterygium thouini (Schwägr.) Mont. = *Dendrohypopterygium arbuscula* fide Robinson 1975.

Hypopterygium wolffhugelii Herzog = *Dendrohypopterygium arbuscula* fide Robinson 1975.

Indusiella bryanii (R.S. Williams) S.P. Churchill = *Coscinodontella bryanii*.

Isopterygiopsis pulchella (Hedw.) Z. Iwats.

Ochyra et al. 2008; Ireland et al. 2007; Matteri & Schiavone 2002 (as *Isopterygium fuegianum*, Hässel et al. 1984; Cardot 1908; Matteri 1985b; as *Isopterygium leptoplumosum*, Hässel et al. 1984; Cardot 1908; Matteri 1985b). **Dist.** VIII. Biobío; XI. Aisén, Coihaique; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Isopterygium albescens (Hook.) A. Jaeger

Ireland & Bellolio 2002. **Dist.** Easter I.

Isopterygium fernandezianum Broth. = *Isopterygium tenerum* fide Robinson 1975.

Isopterygium fernandezianum var. *longisetum* Broth. = *Isopterygium tenerum* fide Ireland 1991.

Isopterygium fuegianum Besch. = *Isopterygiopsis pulchella* fide Zanten 1971.

Isopterygium leptoplumosum (Dusén) Cardot = *Isopterygiopsis pulchella* fide Matteri & Schiavone 2002.

Isopterygium leucophyllum (Hampe) Mitt. = *Isopterygium tenerum* fide Ireland 1991.

Isopterygium pulchellum (Hedw.) A. Jaeger = *Isopterygiopsis pulchella*.

Isopterygium tenerum (Sw.) Mitt.

Matteri & Schiavone 2002; Ireland 1992; Robinson 1975 (as *Isopterygium fernandezianum*, Cardot & Brotherus 1923; Brotherus 1924b; Bartram 1957; as *Isopterygium fernandezianum* var. *longisetum*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; as *Isopterygium leucophyllum*, Mitten 1869). **Dist.** XII. Tierra del Fuego; Juan Fernández Is.

Isothecium serpens Dusén, nom. nud. = *Fallaciella gracilis* fide Matteri 1985b.

Jaffuelobryum williamsii (Deguchi) Delgad.

Cano 2003. **Dist.** XV. Parinacota.

Juratzkaea krausei Lorentz = *Juratzkaea seminervis* subsp. *seminervis* fide Buck 1977.

Juratzkaea seminervis (Kunze ex Schwägr.) Lorentz subsp. *seminervis*

Tropicos 2009; Espinosa 1941; He 1998; Müller & Pereira 2006; Brotherus 1924a; Thériot 1928; Herzog & Hosseus 1938; Bartram 1943; Herzog 1954; Buck 1977 (as *Juratzkaea krausei*, Thériot 1935; as *Juratzkaea seminervis* var. *arenicola*, Thériot 1926; as *Stereophyllum seminerve*, Espinosa 1941; Mitten 1869; Thériot 1917, 1918; Herzog 1922; Bartram 1952).

Dist. II. Antofagasta; IV. Choapa, Elqui, Limarí; V. Aconcagua, Petorca, Quillota, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Maipo, Melipilla, Santiago, Talagante; VI. Cachapoal, Cardenal Caro, Colchagua; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno.

Juratzkaea seminervis var. *arenicola* Thér. = *Juratzkaea seminervis* subsp. *seminervis* fide Buck 1977.

Kiaeria pumila (Mitt.) Ochyra

Buck 2002; Matteri & Schiavone 2002 (as *Blindia churuccana*, Cardot 1900, 1901; Dusén 1905b; as *Blindia humilis*, Dusén 1903b; *Blindia savatieriana*, Dusén 1903b; Cardot 1908; as *Dicranoweisia humilis*, Dusén 1905b; as *Dicranum pumilum*, Mitten 1869; Dusén 1905b; Cardot 1908; Cardot & Brotherus 1923; as *Dicranum ramulosum*, Mitten 1869; Cardot 1908; as *Holodontium pumilum*, Hässel et al. 1984; Roivainen 1937; Herzog 1954; Seki 1974;

Matteri 1985b; *Holodontium ramulosum*, Brotherus 1924). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Kindbergia praelonga (Hedw.) Ochyra

Tropicos 2009; Müller 2009; Larraín 2007b; Larraín 2007a; He 1998; Matteri & Schiavone 2002 (as *Stokesiella praelonga*, Robinson 1967). **Dist.** VII. Talca; VIII. Biobío, Concepción; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XII. Magallanes.

Lamprophyllum splendidissimum (Mont.) Mitt. = *Schimperobryum splendidissimum*.

Lembophyllum auriculatum (Mont.) Paris = *Acrocladium auriculatum*.

Lembophyllum orbiculatum (Thér.) Tangney

Tropicos 2009; Schaumann 2005; Müller & Pereira 2006 (as *Camptochaete orbiculata*, He 1998; Robinson 1970; Deguchi 1991b; as *Camptochaete arbusculans*, Roivainen 1934; Bartram 1946; as *Weymouthia orbiculata*, Thériot 1934b; Herzog & Hosseus 1938; Herzog 1960). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue; XII. Tierra del Fuego.

Lepidopilum splendidissimum Mont. = *Schimperobryum splendidissimum*.

Leptobryum pottiacum Dusén = *Pohlia wilsonii* fide Arts 2001b.

Leptobryum pyriforme (Hedw.) Wilson

Müller 2009; Hässel et al. 1984; Ireland et al. 2007; Ireland & Bellolio 2002; He 1998; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Matteri 1985b. **Dist.** IV. Limarí; V. Quillota; RM. Santiago; VII. Curicó, Talca; VIII. Ñuble; XI. Aisén, Coihaique; XII. Magallanes, Última Esperanza; Easter I.

Leptobryum pyriforme var. *antarcticum* Besch., *nom. nud.*, Cardot 1908.

Leptobryum pyriforme var. *fuegianum* Paris, *nom. nud.*, Cardot 1908.

Leptobryum stellatum (Herzog) Broth. = *Pohlia wilsonii* fide Arts 2001b.

Leptobryum wilsonii (Mitt.) Broth. = *Pohlia wilsonii*.

Leptodictyum riparium (Hedw.) Warnst.

Ireland et al. 2007 (as *Leptodictyum riparium* var. *jaffueli*, He 1998, Thériot 1935; as *Amblystegium jaffueli*, Thériot 1924; as *Leptodictyum riparium* var. *looseri*, He 1998; Thériot 1934b). **Dist.** V. San Antonio; RM. Cordillera, Santiago, Talagante; VIII. Biobío, Ñuble; XIV. Valdivia/Ranco; X. Osorno.

Leptodictyum riparium (Hedw.) Warnst. var. *jaffueli* Thér. = *Leptodictyum riparium* fide Ireland et al. 2007.

Leptodictyum riparium (Hedw.) Warnst. var. *looseri* Thér. = *Leptodictyum riparium* fide Ireland et al. 2007.

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

Tropicos 2009; He 1998; Müller & Pereira 2006; Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1924; Brotherus 1924b; Roivainen 1934; Herzog & Hosseus 1938; Herzog 1954, 1960; Bartram 1957; Robinson 1975; Deguchi 1991b. **Dist.** V. Valparaíso; RM. Santiago; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; X. Llanquihue; XI. General Carrera; Juan Fernández Is.

Leptodon smithii var. *longirepens* Cardot & Thér.

Thériot 1924. **Dist.** Juan Fernández Is.

Leptodontium bullocki Thér. = *Leptostomum menziesii* fide Hyvönen 1987.

Leptodontium capituligerum Müll. Hal.

Seki 1974. **Dist.** XI. Aisén.

Leptodontium fernandezianum Broth. = *Leptodontium longicaule* var. *microruncinatum* fide Zander 1972.

Leptodontium longicaule Mitt. var. *microruncinatum* (Dusén) R.H. Zander

Larraín 2007b; Hässel et al. 1984; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Matteri 1985b; Deguchi 1991b (as *Leptodontium fernandezianum*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; as *Leptodontium microruncinatum*, Dusén 1906a; Cardot 1908; Thériot 1925; Herzog & Hosseus 1938; Herzog 1954; Robinson 1975). **Dist.** IV. Limarí; V. Valparaíso; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Leptodontium microruncinatum Dusén = *Leptodontium longicaule* var. *microruncinatum*.

Leptodontium proliferum Herzog

Ireland et al. 2007 (as *Tortula umbrosa*, Dusén 1906b; Deguchi 1991b). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco.

Leptodontium pungens (Mitt.) Kindb.

Robinson 1975 (as *Leptodontium skottsbergii*, Bartram 1957). **Dist.** Juan Fernández Is.

Leptodontium skottsbergii E.B. Bartram = *Leptodontium pungens* fide Zander 1972.

Leptodontium splachnoides (Hook.f. & Arn.) Thér. = *Leptostomum splachnoideum*.

Leptopterigynandrum austro-alpinum Müll. Hal.

Cano 2003; He 2005. **Dist.** XV. Parinacota; II. El Loa.

Leptostomum menziesii R. Br.

Tropicos 2009; Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Larraín 2005; Espinosa 1941; He 1998; Müller & Pereira 2006; Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1903b; Herzog 1922, 1954; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1934; Herzog & Hosseus 1938; Bartram 1952, 1957; Robinson 1975; Matteri 1985b; Deguchi 1991b (as *Leptodontium bullocki*, Thériot 1929a; as *Leptostomum bullocki*, Andrews 1952). **Dist.** VII. Cauquenes; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Leptostomum splachnoideum Hook. & Arn.

Müller 2009; Ireland et al. 2007; Villagran et al. 2003; He 1998; Mitten 1869; Thériot 1935; Herzog & Hosseus 1938; Herzog 1954; Seki 1974; Deguchi 1991b (as *Leptodontium splachnoides*, Thériot 1929a). **Dist.** VII. Cauquenes; VIII. Arauco, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Leptotheca gaudichaudii Schwägr.

Tropicos 2009; Goffinet et al. 2006; Matteri & Piñero 1987; Hässel et al. 1984; Buck 2002; Larraín 2005; Schaumann 2005; He 1998; Matteri & Hyvönen 1991; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991a (as *Leptotheca spegazzinii*, Dusén 1903b). **Dist.** VIII. Arauco, Biobío, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Leptotheca spegazzinii Müll. Hal. = *Leptotheca gaudichaudii* fide Cardot 1908.

Leptotrichum kunzeanum Müll. Hal. = *Leptotrichella kunzeana*.

Leptotrichum praealtum Mitt. = *Platyneuron praealtum*.

Lepyrodon glaucus (Müll. Hal.) Kindb. = *Lepyrodon hexastichus* fide Allen 1999.

Lepyrodon gunckeli Thér. = *Lepyrodon tomentosus* fide Allen 1999.

Lepyrodon hexastichus (Mont.) Wijk & Margad.

Larraín 2005; He 1998; Müller & Pereira 2006; Allen 1999; Seki 1974; Robinson 1975; Deguchi 1991b (as *Lepyrodon implexus*, Espinosa 1941; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Thériot 1924, 1927a; Brotherus 1924b; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957). **Dist.** VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, General Carrera; XII. Magallanes; Juan Fernández Is.

Lepyrodon implexus (Kunze) Kindb. = *Lepyrodon hexastichus* fide Allen 1999.

Lepyrodon implexus (Kunze) Paris = *Lepyrodon hexastichus* fide Wijk & Margadant 1961.

Lepyrodon implexus var. *reptans* Reim.

Reimers 1926. **Dist.** XIV. Valdivia/Ranco. Note: This is a taxon with doubtful generic placement (Allen 1999).

Lepyrodon lagurus (Hook.) Mitt.

Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Larraín 2005; Schaumann 2005; He 1998; Müller & Pereira 2006; Allen 1999; Matteri & Schiavone 2002; Mitten 1869; Cardot 1900, 1901, 1905, 1908; Dusén 1903b; Herzog 1922; Cardot & Brotherus 1923; Thériot 1934b; Roivainen 1934; Herzog & Schwabe 1939; Bartram 1952; Seki 1974;

Matteri 1985b; Deguchi 1991 (as *Lepyrodon lagurus* var. *laxior*, Cardot & Brotherus 1923). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Lepyrodon lagurus var. *laxior* Cardot & Broth. = *Lepyrodon lagurus* fide Allen 1999.

***Lepyrodon parvulus* Mitt.**

Tropicos 2009; Espinosa 1941; He 1998; Müller & Pereira 2006; Allen 1999; Mitten 1869; Brotherus 1924b; Herzog & Schwabe 1939; Herzog 1954; Bartram 1957; Robinson 1975; Deguchi 1991b. **Dist.** IV. Choapa; V. Petorca; VII. Cauquenes; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; Juan Fernández Is.

***Lepyrodon patagonicus* (Cardot & Broth.) B.H. Allen**

Tropicos 2009; Larraín 2007b; Müller & Pereira 2006; Allen 1999; Matteri & Schiavone 2002 (as *Lepyrodon tomentosus* var. *patagonicus*, Cardot & Brotherus 1923; Seki 1974; as *Lepyrodon tomentosus* var. *minor*, Cardot & Brotherus 1923). **Dist.** V. Valparaíso; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Capitán Prat, General Carrera; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

***Lepyrodon tomentosus* (Hook.) Mitt.**

Müller 2009; Hässel et al. 1984; He 1998; Matteri & Schiavone 2002; Mitten 1869; Brotherus 1924b; Thériot 1935; Roivainen 1934; Herzog & Hosseus 1938; Bartram 1957; Herzog 1960; Robinson 1975; Matteri 1985b; Deguchi 1991b (as *Lepyrodon gunckelii*, Thériot 1934b). **Dist.** VII. Talca; VIII. Arauco, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, Coihaique, General Carrera; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Lepyrodon tomentosus var. *minor* Cardot & Broth. = *Lepyrodon patagonicus* fide Allen 1999.

Lepyrodon tomentosus var. *patagonicus* Cardot & Broth. = *Lepyrodon patagonicus*.

Lescuraea chilensis Herzog = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Leskea fuegiana Besch. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Leucoloma billardieri (Schwägr.) Broth. = *Dicranoloma billardierei*.

Leucoloma capillare Dusén = *Dicranoloma capillare*.

Leucoloma capillifolium Broth. = *Dicranoloma menziesii* fide Robinson 1975.

Leucoloma duseunii Broth. = *Dicranoloma duseunii*.

Leucoloma fuegianum Dusén = *Dicranoloma hariotii* fide Wijk et al. 1962.

Leucoloma fuegianum var. *laxum* Dusén = *Dicranoloma hariotii* var. *laxum* fide Cardot & Brotherus 1923.

Leucoloma grandialare Dusén = *Dicranoloma robustum* fide Cardot 1908.

Leucoloma hariotii (Müll. Hal.) Broth. = *Dicranoloma hariotii*.

Leucoloma imponens (Mont.) Dusén = *Dicranoloma imponens*.

Leucoloma muelleri Dusén = *Dicranoloma muelleri*.

Leucoloma muelleri var. *strictifolium* Dusén = *Dicranoloma robustum* var. *strictifolium* fide Wijk & Margadant 1961.

Leucoloma nigricaula (Ångström) Broth. = *Dicranoloma chilense* fide Ochyra & Matteri 1996.

Leucoloma nigricaula var. *gracile* Dusén = *Dicranoloma capillare* fide Cardot 1908.

Leucoloma nigricaula var. *flexuosulum* Dusén = *Dicranoloma nigricaula* var. *flexuosulum* fide Bartram in Roivainen 1937.

Leucoloma perremotifolium Dusén = *Dicranoloma perremotifolium*.

Leucoloma perremotifolium var. *fragile* Dusén = *Dicranoloma perremotifolium* var. *fragile*.

Leucoloma peruncinatum Dusén = *Dicranoloma chilense* fide Ochyra & Matteri 1996.

Leucoloma robustum (Hook.f. & Wilson) Broth. = *Dicranoloma robustum*.

Leucoloma robustum var. *flexuosum* Dusén = *Dicranoloma robustum* fide Matteri & Schiavone 2002.

Leucoloma robustum var. *lagunicola* Dusén = *Dicranoloma robustum* var. *lagunicola*.

Leucoloma setosum (Hook.f. & Wilson) Broth. = *Dicranoloma robustum* var. *setosum*.

***Leucomium crinitifolium* (Müll. Hal.) Mitt.**

Mitten 1869; Allen 1987b. **Dist.** Chile, without exact locality (leg. Poeppig).

Limprichtia cossonii (Schimp.) L.E. Anderson, H.A. Crum & W.R. Buck = *Scorpidium cossonii*.

Limprichtia revolvens (Sw.) Loeske = *Scorpidium revolvens*.

***Lopidium concinnum* (Hook.) Wilson**

Tropicos 2009; Larraín 2007b; Larraín 2005; Espinosa 1941; Villagran et al. 2003; He 1998; Kruijer 2002; Brotherus 1924b; Bartram 1957; Matteri 1973b; Robinson 1975; Deguchi 1991b (as *Hypopterygium concinnum*, Cardot 1908; as *Hypopterygium flexisetum*, Dusén 1903b; Cardot 1908; as *Lopidium plumarium*, Mitten 1869; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; as *Hypopterygium plumarium*, Bartram 1952). **Dist.** V. Valparaíso; VI. Colchagua; VIII. Arauco; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Lopidium plumarium (Mitt.) Hampe = *Lopidium concinum* fide Matteri 1973b.

Macrocoma brasiliensis (Mitt.) Vitt

He 1998. **Dist.** IX. Cautín.

Macrocoma filiformis (Hook.f. & Wilson) Grout = *Macrocoma orthotrichoides* fide Vitt 1980.

Macrocoma gracillima (Besch.) Vitt = *Matteria gracillima*.

Macrocoma hymenostomum (Mont.) Grout = *Macrocoma sullivantii* fide Grout 1944.

Macrocoma orthotrichoides (Raddi) Wijk & Margad.

Vitt 1980 (as *Macrocoma filiformis*, Grout 1944; as *Macromitrium filiforme*, Mitten 1869).

Dist. Chile, without exact locality (leg. Poeppig).

Macrocoma papillosa (Thér.) Vitt = *Matteria papillosa*.

Macrocoma sullivantii (Müll. Hal.) Grout

He 1998; Müller & Pereira 2006; Robinson 1975 (as *Macrocoma hymenostomum*, Grout 1946; as *Macromitrium hymenostomum*, Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; as *Macromitrium paraphysatum*, Mitten 1869; as *Macromitrium paraphysatum* var. *chilensis*, Thériot 1921; as *Macrocoma tenuis* subsp. *sullivantii*, Tropicos 2009; Vitt 1980; Deguchi 1991b; as *Macromitrium hariotii*, Hässel et al. 1984; He 1998; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** V. Valparaíso; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; X. Chiloé, Llanquihue, Palena; XII. Antartica Cilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Macrocoma tenuis (Hook. & Grev.) Vitt subsp. *sullivantii* (Müll. Hal.) Vitt = *Macrocoma sullivantii*.

Macromitrium bifasciculare Müll. Hal. ex Dusén

Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908. **Dist.** XI. Aisén; XII. Magallanes.

Macromitrium campoanum Thér.

Herzog & Hosseus 1938. **Dist.** X. Chiloé.

Macromitrium coriaceum E.B. Bartram = *Macromitrium tenax* fide Seki 1974.

Macromitrium crassiusculum Lorentz

Ireland et al. 2007; Thériot 1925; Herzog & Hosseus 1938; Herzog 1960. **Dist.** VIII. Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Osorno.

Macromitrium fernandezianum Broth.

Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Macromitrium filiforme Hook.f. & Wilson = *Macrocoma orthotrichoides* fide Vitt 1980.

Macromitrium gracillimum (Besch.) Broth. = *Matteria gracillima*.

Macromitrium hariotii Besch. ex Müll. Hal. = *Macrocoma sullivantii* fide Grout 1944.

Macromitrium hymenostomum Mont. = *Macrocoma sullivantii* fide Grout 1944.

Macromitrium krausei Lorentz

Larraín 2007b; Ireland et al. 2007; He 1998; Dusén 1903b; Cardot 1908; Herzog & Hosseus 1938; Bartram 1952. **Dist.** VIII. Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén.

Macromitrium longirostre (Hook.) Schwägr.

Mitten 1869. **Dist.** V. Valparaíso; X. Chiloé.

Macromitrium masafuerae Broth.

Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Macromitrium microcarpum Müll. Hal.

Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; He 1998; Mitten 1869; Thériot 1935; Herzog & Schwabe 1939; Bartram 1952; Herzog 1960. **Dist.** VII. Maule; VIII. Arauco, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno.

Macromitrium microstomum (Hook. & Grev.) Schwägr.

Robinson 1975 (as *Macromitrium saxatile*, Espinosa 1941; Mitten 1869; Brotherus 1924b; Bartram 1957). **Dist.** Juan Fernández Is.

Macromitrium papillosum Thér. = *Materia papillosa*.

Macromitrium paraphysatum Mitt. = *Macrocoma sullivantii* fide Vitt 1980.

Macromitrium paraphysatum var. *chilensis* Thér. = *Macrocoma sullivantii* fide Vitt 1980.

Macromitrium pertriste Müll. Hal.

Thériot 1921; Thériot 1934b. **Dist.** XIV. Valdivia/Ranco; X. Chiloé.

Macromitrium poeppigii Duby = *Zygodon pentastichus* fide Robinson 1975.

Macromitrium saddleanum Besch. ex Müll. Hal.

Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Herzog & Hosseus 1938. **Dist.** XIV. Valdivia/Ranco; XII. Antártica Chilena, Magallanes.

Macromitrium saddleanum var. ***piliferum*** Herzog

Herzog 1954. **Dist.** XI. Aisén.

Macromitrium saxatile Mitt. = *Macromitrium microstomum* fide Robinson 1975.

Macromitrium spurio-crispulum Dusén, *nom. nud.*, Dusén 1903b.

Macromitrium tenax Müll. Hal.

Tropicos 2009; Hässel et al. 1984; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Seki 1974; Matteri 1985b (as *Macromitrium coriaceum*, Roivainen 1934; Bartram 1946). **Dist.** X. Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Macromitrium spec.

Ireland & Bellolio 2002; Brotherus 1924. **Dist.** Easter I.

Mahua enervis W.R. Buck

Buck 1983 (as *Fabronia enervis*, Herzog 1960). **Dist.** XIV. Valdivia/Ranco.

Materia gracillima (Besch.) Goffinet

Larraín 2007a; He 1998; Matteri & Calabrese 1999 (as *Macrocoma gracillima*, Larraín 2005; Deguchi 1991b; as *Macromitrium gracillimum*, Herzog 1954; Seki 1974). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

Materia papillosa (Thér.) Goffinet

(as *Macrocoma papillosa*, Deguchi 1991b; as *Macromitrium papillosum*, Herzog & Hosseus 1938; Herzog 1954). **Dist.** X. Llanquihue; XI. Aisén.

Meesia hymenostoma Cardot & Broth. = *Meesia uliginosa* fide Matteri & Ochyra 1999.

Meesia patagonica Dusén = *Dicranella hookeri* fide Matteri & Ochyra 1999.

Meesia uliginosa Hedw.

Buck 2002; Matteri & Schiavone 2002; Matteri & Ochyra 1999. **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Meteoriopsis straminea (Müll. Hal.) Broth. ex Paris

(as *Meteorium stramineum*, Mitten 1869). **Dist.** Chile, without exact locality (leg. Poeppig).

Meteorium flexicaule Wilson = *Papillaria flexicaulis*.

Meteorium genuflexum Müll. Hal. = *Ancistrodes genuflexa*.

Meteorium molle (Hedw.) Wilson = *Weymouthia mollis*.

Meteorium stramineum (Müll. Hal.) Mitt. = *Meteoriopsis straminea*.

Metzleria patagonica (Herzog & Thér.) J.-P. Frahm = *Atractylocarpus patagonicus*.

Microcampylopus leucogaster (Müll. Hal.) B.H. Allen

Tropicos 2009. **Dist.** VIII. Arauco (*Ireland & Bellolio 32952*, MO).

Microdus euchlorus (Mont.) Paris = *Campylopodium euchlorum*.

Microdus kunzeanus (Müll. Hal.) Broth. = *Leptotrichella kunzeana*.

Mielichhoferia argentifolia Mitt.

He 1998. **Dist.** IV. Choapa; V. Valparaíso; RM. Talagante.

Mielichhoferia brevicaulis Hornsch. = *Schizymenium brevicaulis*.

Mielichhoferia campylocarpa (Hook.f. & Arnott) Mitt. = *Schizymenium campylocarpum*.
Mielichhoferia chilensis Mont. = *Pohlia chilensis*.

Mielichhoferia demissa Müll. Hal.

Muñoz & Pisano 1947; Villagran et al. 2004. **Dist.** IV. Limarí.

Mielichhoferia fulvonitens Cardot & Broth. = *Schizymenium fulvonitens*.

Mielichhoferia longiseta Müll. Hal.

Brotherus 1924b; Robinson 1975. **Dist.** Juan Fernández Is.

Mielichhoferia multiflora E.B. Bartram = *Schizymenium multiflorum*.

Mielichhoferia pleurogyna Mont. = *Schizymenium pleurogynum*.

Mielichhoferia skottsbergii Cardot & Broth. = *Schizymenium skottsbergii*.

Mielichhoferia spegazzinii Müll. Hal. = *Schizymenium campylocarpum* fide Matteri 1998.

Mittenothamnium deguchii N. Nishim. & Kanda

Barrera 2006; Nishimura & Kanda 1990; Deguchi 1991a. **Dist.** XI. Aisén.

Mithridium fasciculatum (Hook. & Grev.) H. Rob.

(as *Syrhophodon fasciculatus*, Mitten 1869). **Dist.** Chile, without exact locality (leg. Lobb).

Mniadelphus flaccidus (Hook.f & Wilson) Hampe = *Distichophyllum flaccidum*.

Mniadelphus krausei Lorentz = *Distichophyllum krausei*.

Mniobryum albicans (Wahlenb.) Limpr. = *Pohlia wahlenbergii* fide Shaw 1982.

Mniobryum alticaule (Müll. Hal.) Broth. = *Pohlia wahlenbergii* fide Warburg 1962.

Mniobryum alticaule var. *crassinerve* Broth. = *Pohlia wahlenbergii* fide Müller 2009.

Mniobryum amplirete (Müll. Hal.) Broth. = *Pohlia wahlenbergii* fide Warburg 1962.

Mniobryum aspillagae Thér. = *Pohlia wilsonii* fide Müller 2009.

Mniobryum philonoteum (Müll. Hal.) Broth. = *Pohlia wahlenbergii* fide Matteri 1998.

Mnium leptolimbatum Müll. Hal. = *Plagiomnium ellipticum* fide T. Koponen 1974.

Mnium rostratum Schrad. = *Plagiomnium rostratum*.

Mnium subpunctatum Cardot & Broth. = *Cinclidium stygium* fide T. Koponen 1969.

Molendoa fuegiana E.B. Bartram

Matteri & Schiavone 2002; Bartram 1946. **Dist.** XII. Tierra del Fuego.

Monocranum angustirete Müll. Hal. ex Broth. = *Eucamptodon perichaetialis* fide Ochrya 1994.

Monocranum dicranoides Müll. Hal. ex Kindb. = *Eucamptodon perichaetialis* fide Ochrya 1994.

Muelleriella crassifolia (Hook.f. & Wilson) Dusén

Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Buck 2005b; Matteri & Schiavone 2002; Dusén 1905a; Matteri 1985b; Deguchi 1991b (as *Muelleriella crassifolia* var. *lingulata*, Dusén 1905a; as *Orthotrichum crassifolium*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; as *Orthotrichum ligulatum*, Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Muelleriella crassifolia var. *lingulata* Dusén = *Muelleriella crassifolia* fide Vitt 1976.

Muscoflorschuetzia pilmaiquen (Crosby) Crosby = *Diphyscium pilmaiquen*.

Muscoherzogia pauperkulata (Thér. & Herzog) Ochrya

(as *Valdiviella pauperkulata*, Herzog 1928). **Dist.** XIV. Valdivia/Ranco; X. Llanquihue.

Myurella julacea (Schwägr.) Schimp.

Hässel et al. 1984; Matteri 1981, 1985b. **Dist.** XII. Magallanes, Última Esperanza.

Neckera berteriana Schimp. ex Mitt. = *Neckera scabridens* fide Sastre-de Jesus 1987.

Neckera chilensis Schimp. ex Mont.

Tropicos 2009; Hässel et al. 1984; Pereira et al. 2006; Espinosa 1941; Muñoz & Pisano 1947; He 1998; Müller & Pereira 2006; Mitten 1869; Dusén 1903b; Cardot 1908; Thériot 1915, 1917; Herzog 1922, 1954; Brotherus 1924a; Reimers 1926; Herzog & Hosseus 1938; Matteri 1985b; Deguchi 1991b (as *Neckera jamesoni*, Mitten 1869). **Dist.** IV. Choapa, Limarí; V. Aconcagua, Petorca, Valparaíso; RM. Cordillera; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza.

Neckera jamesoni Taylor = *Neckera chilensis* fide Sastre-de Jesus 1987.

Neckera rotundata Broth.

Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Neckera scabridens Müll. Hal. var. *scabridens*

Tropicos 2009; Matcham et al. 2007; Pereira et al. 2006; Larraín 2005; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922, 1954, 1960; Reimers 1926; Bartram 1952; Seki 1974; Deguchi 1991b (as *Neckera berteriana*, Mitten 1869; Thériot 1915). **Dist.** IV. Choapa; V. Petorca, Valparaíso; RM. Santiago; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Neckera scabridens* var. *porteri Thér.

Thériot 1915, 1917. **Dist.** V. Valparaíso; XIV. Valdivia/Ranco.

Neobarbula magellanica Dusén = *Henediella densifolia* fide Cano 2008.

Neoloma fuegianum Cardot ≡ *Andreaea fuegiana*.

Neomeesia paludella (Besch.) Deguchi

Matcham et al. 2007; Buck 2002; Matteri & Ochrya 1999; Matteri & Schiavone 2002; Deguchi 1983, 1991b (as *Dicranella paludella*, Dusén 1905b; Cardot 1908; Cardot & Brotherus 1923; as *Anisothecium paludella*, Hässel et al. 1984; Roivainen 1937; Herzog 1954; Matteri 1985b).

Dist. XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Neosharpiella turgida (Mitt.) H. Rob. & Delgad.

Fife 1980; Larraín et al. 2009. **Dist.** VII. Talca.

Neurolooma fuegianum Cardot ≡ *Andreaea fuegiana*.

Niphotrichum canescens (Hedw.) Bednarek-Ochrya & Ochrya

(as *Racomitrium canescens*, He 1998). **Dist.** RM. Santiago.

Notoligotrichum angulatum (Cardot & Broth.) G.L. Smith = *Notholigotrichum minimum*.

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

He 1998. **Dist.** IX. Malleco.

Notoligotrichum minimum (Cardot) G.L. Sm.

Buck 2005a, 2005b; Matteri & Schiavone 2002; Robinson 1975 (as *Polytrichadelphus minimus*, Cardot 1908; as *Psilopilum minimum*, Hässel et al. 1984; Matteri 1985b; as *Notholigotrichum angulatum*, Larraín 2005; Schaumann 2005, Seki 1974; Deguchi 1991b; as *Psilopilum angulatum*, Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** IX. Malleco; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Notoligotrichum tapes* var. *apiculatum (Cardot) Schiavone

Matteri & Schiavone 2002 (as *Psilopilum tapes* var. *apiculatum*, Cardot & Brotherus 1923).

Dist. Tierra del Fuego.

Notoligotrichum tapes (Müll. Hal.) G. L. Sm. var. *tapes*

(as *Psilopilum cuspidatum*, Dusén 1905a). **Dist.** XII. Tierra del Fuego.

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

Ochrya et al. 2008; Goffinet et al. 2006; Buck 2002; Schiavone & Hyvönen 1993; Matteri & Schiavone 2002; Deguchi 1991b (as *Psilopilum trichodon*, Hässel et al. 1984; Matteri 1985b; *Psilopilum antarcticum*, Cardot 1908; Brotherus 1924b; as *Psilopilum antarcticum* var. *densifolium*, Barrera 2006; Cardot & Brotherus 1923; as *Psilopilum magellanicum*, Dusén 1905b). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Octodicerias dillenii (Bach Pyl.) Brid. = *Fissidens semicompletus* fide Pursell 1994.

Oedipodium griffithianum (Dicks.) Schwägr.

Matteri 1979. **Dist.** VIII. Biobío.

Oligotrichum australigerum G.L. Sm.

Matteri & Schiavone 2002; Schiavone 1993 (as *Oligotrichum magellanicum*, Cardot & Brotherus 1923; Herzog 1954). **Dist.** XI. Aisén; XII. Magallanes.

Oligotrichum canaliculatum (Hook. & Arn.) Mitt. var. *canaliculatum*

Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Larraín 2005; Espinosa 1941; Mullen & Frye 1947; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Mitten 1869; Thériot 1915, 1925, 1935; Herzog 1922, 1954, 1960; Brotherus 1924a, 1924b; Reimers 1926; Herzog &

Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; Seki 1974; Robinson 1975; Deguchi 1991b (as *Pogonatum liliputanum*, Thériot 1917; as *Oligotrichum canaliculatum* var. *molinae*, Thériot 1924). **Dist.** V. San Antonio, Valparaíso; RM. Melipilla; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; Juan Fernández Is.

***Oligotrichum canaliculatum* var. *minus* Broth.**

Mullen & Frye 1947; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1957. **Dist.** VI. Colchagua; XIV. Valdivia/Ranco; Juan Fernández Is.

Oligotrichum canaliculatum var. *molinae* (Mont.) Thér. = *Oligotrichum canaliculatum* fide Wijk et al. 1959.

Oligotrichum dendroides (Brid. ex Hedw.) Kindb. ≡ *Dendroligotrichum dendroides*.

***Oligotrichum laevifolium* Thér.**

Thériot 1924; Herzog & Hosseus 1938. **Dist.** XIV. Valdivia/Ranco; X. Chiloé.

Oligotrichum magellanicum Cardot & Broth. = *Oligotrichum australigerum* fide Smith 1969.

***Oligotrichum obtusifolium* Thér.**

Thériot 1934b. **Dist.** XIV. Valdivia/Ranco.

Oligotrichum rigidum (Lorentz) Broth. ≡ *Hebantia rigida*.

Oligotrichum subcanaliculatum Dusén = *Oligotrichum canaliculatum* var. *minus* fide Mullen & Frye 1947.

***Ombrospora stuvensis* N.E. Bell, N. Pedersen & A.E. Newton**

Bell et al. 2007. **Dist.** XI. Capitán Prat.

Oncophorus fuegianus Cardot ≡ *Symblepharis fuegiana*.

Oncophorus luteo-virens E.B. Bartram ≡ *Symblepharis luteovirens*.

Oreoweisia chilensis (Hampe ex Müll.Hal.) Paris = *Oreoweisia erosa* fide O'Shea & Matcham in Blockeel et al. 2004.

***Oreoweisia erosa* (Hampe ex Müll.Hal.) Kindb.**

O'Shea & Matcham in Blockeel et al. 2004 (as *Oreoweisia* cf. *chilensis*, Buck 2002). **Dist.** II.

El Loa; XII. Antártica Chilena; „Andes Chilensis“ (type of *O. chilensis*).

Orthodontium australe Hook.f. & Wilson = *Orthodontium lineare* fide Matteri 1985b.

Orthodontium australe var. *brevisetum* Cardot & Broth. = *Orthodontium lineare* fide Meijer 1951.

***Orthodontium gracile* (Wilson) Schwägr. ex B.S.G.**

Ireland et al. 2007; He 1998; Meijer 1951; Herzog 1954; Bartram 1957; Robinson 1975 (as *Orthodontium tenellum*, Mitten 1869; as *Stableria tenella*, Thériot 1923). **Dist.** V. Quillota, Valparaíso; VIII. Biobío, Concepción, Ñuble; Juan Fernández Is.

Orthodontium humile Mont. ≡ *Pohlia humilis*.

***Orthodontium lineare* Schwägr.**

Hässel et al. 1984; Matcham et al. 2007; Buck 2002; He 1998; Matteri & Schiavone 2002; Matteri 1985b (as *Orthodontium australe*, Dusén 1903b; Cardot & Brotherus 1923; Deguchi 1991a; as *Apalodium australe*, Mitten 1869; as *Orthodontium australe* var. *brevisetum*, Cardot & Brotherus 1923). **Dist.** X. Llanquihue; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Orthodontium pellucens* (Hook.) B.S.G.**

Villagran et al. 2004; Ireland et al. 2007; He 1998; Herzog 1954. **Dist.** IV. Limarí; VIII. Biobío, Concepción, Ñuble; X. Osorno.

Orthodontium tenellum Mitt. = *Orthodontium gracile* fide Meijer 1951.

Orthogrimmia sessitana (De Not.) Ochyra ≡ *Grimmia sessitana*.

Orthorrhynchium chilensis R.S. Williams = *Catagonium nitens* subsp. *nitens* fide Lin 1984.

***Orthotrichum aequatoreum* Mitt.**

Ireland et al. 2007. **Dist.** VIII. Ñuble.

***Orthotrichum anaglyptodon* Cardot & Broth.**

Müller 2009; Ireland et al. 2007; He 1998; Lewinsky 1987; Deguchi 1991b. **Dist.** RM. Chacabuco, Cordillera, Santiago; VII. Curicó, Talca; VIII. Ñuble; IX. Cautín, Malleco; XI. Coihaique, General Carrera; XII. Magallanes, Última Esperanza.

Orthotrichum anderssonii Ångström = *Orthotrichum elegantulum* fide Lewinsky 1987.

Orthotrichum angustissimum Dusén, nom. nud. = *Orthotrichum elegantulum* fide Lewinsky 1987.

***Orthotrichum anomalum* Hedw.**

Buck 2005b. **Dist.** XII. Antártica Chilena.

***Orthotrichum araucarieti* Müll. Hal.**

NY 2009; Müller 2009. **Dist.** VIII. Ñuble; XI. General Carrera.

Orthotrichum argentanicum Herzog = *Orthotrichum elegantulum* fide Lewinsky 1987.

Orthotrichum aristoblepharum Herzog = *Orthotrichum johnstonii* fide Lewinsky 1987.

***Orthotrichum assimile* Müll. Hal.**

Müller 2009; Goffinet et al. 2007; Matcham et al. 2007; He 1998; Matteri & Schiavone 2002; Mitten 1869; Thériot 1921, 1928; Herzog 1954; Lewinsky 1984; Deguchi 1991b (as *Orthotrichum conceptionense*, Thériot 1926; as *Orthotrichum macloskii*, Hässel et al. 1984; Dusén 1903b; as *Orthotrichum paleomitrium*, Dusén 1903b). **Dist.** V. Valparaíso; RM. Chacabuco, Cordillera; VII. Cauquenes, Curicó, Linares, Talca; VIII. Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Palena; XI. General Carrera; XII. Magallanes, Última Esperanza.

Orthotrichum bicolor Thér. = *Orthotrichum incanum* fide Matteri 2000.

Orthotrichum brevicolle Mitt. = *Ulota rufula* fide Malta 1927.

***Orthotrichum brotheri* Dusén ex Lewinsky**

NY 2009; Tropicos 2009; Müller 2009; Lewinsky 1987; Deguchi 1991b. **Dist.** VIII. Biobío, Ñuble; IX. Cautín; X. Palena; XI. Aisén, General Carrera; XII. Antártica Chilena, Última Esperanza.

Orthotrichum carinatum Mitt. = *Ulota carinata*.

Orthotrichum chilense Mitt. = *Ulota rufula* fide Malta 1927.

Orthotrichum compactum Dusén = *Orthotrichum inclinatum* fide Matteri 2000.

Orthotrichum conceptionense Thér. = *Orthotrichum assimile* fide Lewinsky 1984.

Orthotrichum crassifolium Hook.f. & Wilson = *Muelleriella crassifolia*.

Orthotrichum crenatoerosum Müll. Hal. = *Orthotrichum incanum* fide Matteri 2000.

***Orthotrichum cupulatum* Hoffm. ex Brid. var. *austroamericanum* Lewinsky**

Müller 2009; Lewinsky 1984. **Dist.** Patagonia; XI. General Carrera.

Orthotrichum darwinii (Mitt.) Mitt. = *Ulota fuegiana* var. *darwinii*.

***Orthotrichum densum* Lewinsky**

Müller 2009; He 1998; Lewinsky 1987. **Dist.** IX. Cautín; XI. Coihaique; XII. Última Esperanza.

***Orthotrichum diaphanum* Schrad. ex Brid. var. *podocarp* (Müll. Hal.) Lewinsky**

Müller 2002, 2009. **Dist.** II. Antofagasta; XII. Magallanes.

***Orthotrichum elegantulum* Schimp. ex Mitt.**

Goffinet et al. 2006; Matcham et al. 2007; Buck 2002; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot & Brotherus 1923; Bartram 1952; Seki 1974; Matteri 1985b; Lewinsky 1987; Deguchi 1991b (as *Ulota gymnomitria*, Dusén 1903b; as *Orthotrichum andersonii*, Ångström 1872; as *Ulota andersonii*, Cardot 1908; as *Orthotrichum argentanicum*, Seki 1974; as *Orthotrichum angustissimum*, Dusén 1903b; as *Orthotrichum hymenomitrium*, Dusén 1903b). **Dist.** V. Valparaíso; VII. Cauquenes, Curicó, Linares, Talca; VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Orthotrichum eremitense Mitt. = *Ulota glabella* fide Malta 1927.

***Orthotrichum freyanum* Goffinet, W.R. Buck & M.A. Wall**

Goffinet et al. 2007. **Dist.** VIII. Biobío.

Orthotrichum fuegianum Mitt. = *Ulota fuegiana*.

Orthotrichum fulvellum (Mitt.) Mitt. = *Ulota luteola* fide Wijk et al. 1964.

Orthotrichum germanum Mont. = *Ulota germana*.

***Orthotrichum gigantosporum* Lewinsky**

(as *Orthotrichum macrosporum*, Lewinsky & Deguchi 1989; Lewinsky 1984; Deguchi 1991b).

Dist. IX. Malleco.

Orthotrichum glabellum Mitt. = *Ulota glabella*.

Orthotrichum gymnomitria Müll. Hal. = *Orthotrichum elegantulum* fide Lewinsky 1987.

***Orthotrichum hortense* Bosw.**

Müller 2009; He 1998; Lewinsky 1987; Deguchi 1991b. **Dist.** VII. Talca; VIII. Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco.

Orthotrichum hymenomitrium Dusén, *nom. nud.* = *Orthotrichum elegantulum* fide Lewinsky 1987.

Orthotrichum incanum Müll. Hal.

Müller 2009; He 1998; Matteri & Schiavone 2002; Müller 1885 (as *Ulota incana*, Dusén 1903b; Cardot 1908; as *Orthotrichum crenato-erosum*, Lewinsky 1987; as *Ulota crenato-erosa*, Dusén 1903b; Cardot 1908; as *Orthotrichum bicolor*, Tropicos 2009; Pereira et al. 2006; Müller & Pereira 2006; Thériot 1921, 1928, 1935; Herzog 1954; Lewinsky 1987; as *Orthotrichum ulotoides*, Herzog 1922). **Dist.** V. Valparaíso; VII. Cauquenes, Curico, Linares, Talca; VIII. Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.

Orthotrichum inclinatum Müll. Hal.

Matteri & Schiavone 2002; Müller 1885; Matteri 2000 (as *Ulota inclinata*, Dusén 1903b; as *Orthotrichum compactum*, Goffinet et al. 2006; Matcham et al. 2007; Buck 2002; Dusén 1903b; Herzog 1960; Lewinsky 1984; as *Orthotrichum perpusillum* Dusén 1903b). **Dist.** X. Llanquihue; XI. Aisen; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Orthotrichum johnstonii E.B. Bartram

He 1998; Bartram 1943; Lewinsky 1987 (as *Orthotrichum aristoblepharum*, Herzog 1954). **Dist.** III. Atacama; IV. Limarí.

Orthotrichum latimarginatum Lewinsky

Ireland et al. 2007. **Dist.** VIII. Ñuble.

Orthotrichum laxifolium Wilson

Ireland et al. 2007. **Dist.** VIII. Ñuble.

Orthotrichum leiothecium Müll. Hal.

(as *Ulota leiothecia*, Dusén 1903b; Cardot 1908). **Dist.** XII. Magallanes. Note: Lewinsky (1987) considered this species to be an uncertain taxon because she did'nt see the type.

Orthotrichum ligulatum Dusén, *nom. nud.* = *Muelleriella crassifolia* fide Lewinsky 1984.

Orthotrichum lobbianum Mitt. = *Ulota lobbiana*.

Orthotrichum lorentzii Müll. Hal. = *Orthotrichum pycnophyllum* fide Lewinsky 1987.

Orthotrichum ludificans Lewinsky

Müller 2009; Lewinsky 1987; Deguchi 1991b; Matteri & Schiavone 2002. **Dist.** VIII. Biobío; IX. Cautín, Malleco; XI. Coihaique; XII. Última Esperanza.

Orthotrichum luteolum Hook. f. & Wilson = *Ulota luteola*.

Orthotrichum macloskii Dusén = *Orthotrichum assimile* fide Lewinsky 1984.

Orthotrichum macrocalycinum Mitt. = *Ulota macrocalycina*.

Orthotrichum macrosporum Lewinsky = *Orthotrichum gigantosporum* fide Lewinsky 1988.

Orthotrichum magellanicum Mont. = *Ulota magellanica*.

Orthotrichum nigritellum Dusén, *nom. nud.* = *Orthotrichum inclinatum* fide Matteri 2000.

Orthotrichum paleomitrium Dusén, *nom. nud.* = *Orthotrichum assimile* fide Lewinsky 1984.

Orthotrichum pariatum Mitt.

Tropicos 2009; Müller 2009. **Dist.** VII. Talca; VIII. Ñuble (*Ireland & Bellolio 30669*, MO, det. as *O. pariatum* ?)

Orthotrichum perexiguum Dusén ex Lewinsky

Tropicos 2009; Lewinsky 1984. **Dist.** VIII. Biobío; IX. Cautín; XIV. Valdivia/Ranco; XII. Magallanes.

Orthotrichum perpusillum Dusén, *nom. nud.* = *Orthotrichum inclinatum* fide Matteri 2000.

Orthotrichum phyllanthum (Brid.) Steud. = *Ulota phyllantha*.

Orthotrichum pycnophyllum Schimp.

(as *Orthotrichum lorentzii*, Herzog & Hosseus 1938) **Dist.** IX. Cautín. Note: This species was not reported from Chile by Lewinsky (1987). The record of Herzog & Hosseus (1938) is therefore in need of verification.

Orthotrichum rufulum Mitt. = *Ulota rufula*.

Orthotrichum rupestre Schleich. ex Schwägr.

Tropicos 2009; Müller 2009; Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; He 1998; Matteri & Schiavone 2002; Dusén 1903b; Thériot 1921; Lewinsky 1987; Deguchi 1991b (as *Orthotrichum subrupestre*, Thériot 1923). **Dist.** V. Valparaíso; RM. Chacabuco, Cordillera, Santiago; VI. Colchagua; VII. Curicó, Talca; VIII. Biobío, Ñuble; IX. Malleco; X. Llanquihue; XI. Coihaique, General Carrera; XII. Antártica Chilena, Magallanes, Última Esperanza.

Orthotrichum subassimile Dusén, *nom. nud.*, Dusén 1903b.

Orthotrichum subrupestre Thér. = *Orthotrichum rupestre* fide Lewinsky 1987.

Orthotrichum tristriatum Lewinsky

He 1998; Lewinsky 1984; Deguchi 1991b. **Dist.** RM. Chacabuco; VIII. Concepción; IX. Cautín.

Orthotrichum truncatum Lewinsky & Deguchi

Tropicos 2009; Lewinsky & Deguchi 1989; Deguchi 1991b. **Dist.** VIII. Arauco, Biobío, Concepción; IX. Cautín, Malleco.

Orthotrichum ulotoides Herzog = *Orthotrichum incanum* fide Matteri 2000.

Orthotrichum vittatum Cardot = *Orthotrichum inclinatum* fide Matteri 2000.

Oxyrrhynchium corralense (Lorentz) M. Fleisch. ex Reim. ≡ *Eurhynchium corralense*.

Oxyrrhynchium fuegianum (Cardot) Herzog ≡ *Eurhynchium fuegianum*.

Oxyrrhynchium praelongum (Hedw.) Warnst. ≡ *Kindbergia praelonga*.

Papillaria filipendula (Hook.f. & Wilson) A. Jaeger = *Papillaria flexicaulis* fide Ireland et al. 2007.

Papillaria crocea (Hampe) A. Jaeger

Ireland & Bellolio 2002 (as *Papillaria pascuana*, Barrera 2006; Espinosa 1941; Fuentes 1913; Brotherus 1924). **Dist.** Easter I. Note: In accordance with Huttunen et al. (2008) the genus *Papillaria* is treated here as distinct of the genus *Meteorium*.

Papillaria flexicaulis (Wilson) A. Jaeger

He 1998; Robinson 1975 (as *Papillaria filipendula*, Reimers 1926; Herzog & Hosseus 1938; Bartram 1957; as *Meteorium flexicaule*, Müller 2009; Ireland et al. 2007). **Dist.** VII. Cauquenes, Talca; VIII. Biobío, Concepción; IX. Cautín; XIV. Valdivia/Ranco; Juan Fernández Is. Note: In accordance with Huttunen et al. (2008) the genus *Papillaria* is treated here as distinct of the genus *Meteorium*.

Papillaria pascuana Thér. ex Broth. = *Papillaria crocea*.

Parahacocarpus patagonicus (Broth.) J.-P. Frahm

Tropicos 2009; Buck 2004; He 1998; Frahm 1996; Matteri & Schiavone 2002 (as *Rhacocarpus patagonicus*, Hässel et al. 1984; Dusén 1905a; Matteri 1985b). **Dist.** XIV. Valdivia/Ranco; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Pentastichella aurea Dusén, *nom. nud.* = *Zygodon pentastichus* fide Calabrese 2006.

Pentastichella jaffuelii Thér. = *Zygodon pentastichus* fide Calabrese 2006.

Pentastichella pentasticha (Mont.) Müll. Hal. ≡ *Zygodon pentastichus*.

Pentastichella pentasticha var. *strictifolia* Thér. = *Zygodon pentastichus* fide Calabrese 2006.

Pentastichella robustula Dusén ex Paris = *Zygodon bartramioides* fide Calabrese 2006.

Peromnion magellanicum Sull. ≡ *Brachymenium magellanicum*.

Philibertiella ditrichoidea Cardot ≡ *Ditrichum ditrichoideum*.

Philibertiella nitens Herzog ≡ *Ditrichum nitens*.

Philonotis acicularis (Müll. Hal.) Kindb. = *Philonotis polymorpha* fide Ochyra et al. 2008.

Philonotis bartramii Matteri = *Philonotis polymorpha* fide Matteri 1985a.

Philonotis brevifolia Herzog = *Philonotis krausei* fide Seki 1974.

Philonotis cygnea (Sull.) D.G. Griffin & W.R. Buck

Griffin & Buck 1989 (as *Bartramidula cygnea*, Herzog 1922; Seki 1974; as *Bartramia cygnea*, Mitten 1869). **Dist.** XIV. Valdivia/Ranco; XI. Aisén.

Philonotis depressinervis Cardot, *nom. nud.*, Barrera 2006.

Philonotis elongata (Dism.) H.A. Crum & Steere

Ireland et al. 2007. **Dist.** VIII. Concepción.

Philonotis exigua (Sull.) Broth. = *Philonotis scabrifolia* fide Wijk et al. 1967.

Philonotis glabrata Broth.

Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Philonotis glaucescens (Hornsch.) Broth.He 1998. **Dist.** VII. Curicó.*Philonotis gourdonii* Cardot = *Philonotis polymorpha* fide Ochyra et al. 2008.***Philonotis hastata*** (Duby) Wijk & Margad.Ireland & Bellolio 2002 (as *Philonotis laxissima*, Espinosa 1941; Brotherus 1924). **Dist.** Easter I.*Philonotis krauseana* Broth. = *Philonotis krausei*.***Philonotis krauseana*** var. *longinervis* Broth.Brotherus 1924b. **Dist.** Juan Fernández Is.***Philonotis krausei*** (Müll. Hal.) Broth.Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Schaumann 2005; Müller & Pereira 2006; He 1998; Thériot 1934b, 1935; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; Bartram 1957; Matteri 1968; Seki 1974; Robinson 1975; Deguchi 1991a (as *Philonotis krauseana*, Brotherus 1924b; as *Philonotis brevifolia*, Herzog 1954; *Philonotis krausei* fo. *latifolia*, Thériot 1924.). **Dist.** V. Petorca, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Santiago; VI. Cachapoal; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; Juan Fernández Is.*Philonotis laxissima* Mitt. = *Philonotis hastata*.***Philonotis litorea*** Cardot & Broth.Matteri 1989. **Dist.** Juan Fernández I.*Philonotis luteola* E.B. Bartram = *Philonotis polymorpha* fide Matteri & Schiavone 2002.***Philonotis nigroflava*** Müll. Hal.Ireland et al. 2007; He 1998; Matteri & Schiavone 2002; Dusén 1903b; Matteri 1985a (as *Philonotis parallela*, Hässel et al. 1984; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Matteri 1968; Seki 1974). **Dist.** V. Petorca; RM. Chacabuco, Santiago, Talagante; VI. Colchagua; VII. Curicó; VIII. Arauco, Ñuble; IX. Cautín; X. Llanquihue; XI. Aisén; XII. Magallanes, Última Esperanza.*Philonotis parallela* Dusén = *Philonotis nigroflava* fide Matteri 1985a.***Philonotis polymorpha*** (Müll. Hal.) Kindb.(as *Philonotis acicularis*, He 1998; Matteri 1985a; as *Philonotis luteola*, Bartram 1946; as *Philonotis bartramii*, Matteri 1973a; as *Philonotis gourdonii*, He 1998; Deguchi 1991a). **Dist.** IV. Choapa; V. Aconcagua; RM. Santiago; VI. Colchagua; VII. Curicó; IX. Cautín; X. Osorno; XII. Magallanes, Tierra del Fuego.***Philonotis scabrifolia*** (Hook.f. & Wilson) Braithw.Tropicos 2009; Müller 2009; Hässel et al. 1984; Buck 2002; Espinosa 1941; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Cardot 1908; Herzog 1922, 1954; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1934; Herzog & Schwabe 1939; Bartram 1952, 1957; Matteri 1968; Seki 1974; Robinson 1975; Matteri 1985a, 1985b; Deguchi 1991a (as *Bartramidula exigua*, Dusén 1903b; as *Philonotis exigua*, Brotherus 1904; as *Bartramia pusilla*, Sullivant 1850). **Dist.** VII. Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.*Philonotis trichophylla* Herzog, *hom. illeg.*, Herzog 1954.***Philonotis vagans*** (Hook. & Wilson) Mitt. var. *vagans*Tropicos 2009; Goffinet et al. 2006; Hässel et al. 1984; Buck 2002; Espinosa 1941; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1924; Roivainen 1934; Bartram 1952, 1957; Seki 1974; Robinson 1975; Matteri 1985a, 1985b; Deguchi 1991a (as *Bartramia vagans*, Mitten 1869; as *Rhizogonium reticulatum*, Mitten 1869; as *Goniobryum reticulatum*, Cardot 1908; Thériot 1934b; Herzog & Schwabe 1939; Herzog 1954; Seki 1974; Deguchi 1991b). **Dist.** RM. Maipo; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno;

XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.

***Philonotis vagans* var. *evanidinervis* Broth.**

Barrera 2006; Brotherus 1924b. **Dist.** Juan Fernández Is.

***Physcomitrium badium* Broth.**

Ireland et al. 2007; Herzog 1954. **Dist.** VIII. Concepción; X. Llanquihue.

***Physcomitrium lorentzii* Müll. Hal.**

Ireland et al. 2007; Thériot 1934b (as *Physcomitrium mahui*, Robinson 1970). **Dist.** V. Aconcagua; RM. Santiago; VIII. Arauco.

Physcomitrium mahui H. Rob. = *Physcomitrium lorentzii* fide Fife 1982.

***Physcomitrium roseae* R.S. Williams**

Williams 1915. **Dist.** V. Valparaíso.

Pilopogon leptodus (Mont.) Broth. = *Campylopus clavatus* fide Sainsbury 1955.

***Pilopogon schilleri* Herzog & Thér.**

Larraín 2007b; Hässel et al. 1984; Larraín 2007a; Schaumann 2005; Frahm 2005; Matteri 1985b, 1989; Matteri & Schiavone 2002; Herzog et al. 1933. **Dist.** X. Chiloé, Llanquihue, Osorno, Palena; XII. Magallanes, Última Esperanza.

Pilotrichella cumingii (Müll. Hal.) Lorentz = *Weymouthia mollis* fide Mitten 1869.

Pilotrichella krausei Lorentz = *Weymouthia cochlearifolia* fide Cardot 1908.

Pinnatella callicostelloides (Broth. ex Thér.) Broth. ≡ *Chileobryon callicostelloides*.

Pinnatella macrosticta Broth. = *Chileobryon callicostelloides* fide Enroth 1992.

***Plagiomnium ellipticum* (Brid.) T.J. Kop.**

Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Matteri 1985b; Deguchi 1991b (as *Mnium leptolimbatum*, Dusén 1903b; as *Plagiomnium rugicum*, T. Koponen 1968). **Dist.** XIV. Valdivia/Ranco; XI. Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Plagiomnium rugicum (Laurer) T.J. Kop. = *Plagiomnium ellipticum* fide T. Koponen 1974.

Plagiothecium conostegium Herzog = *Plagiothecium orthocarpum* fide Ochyra et al. 2008.

Plagiothecium denticulatum* (Hedw.) Schimp. var. *denticulatum

Cardot 1908; Roivainen 1934; Matteri & Schiavone 2002. **Dist.** VIII. Ñuble; XII. Antártica Chilena.

***Plagiothecium denticulatum* var. *obtusifolium* (Turner) Moore**

(as *Plagiothecium donnianum*, Mitten 1869). **Dist.** XII. Antártica Chilena

Plagiothecium donnianum (Sm.) Mitt. = *Plagiothecium denticulatum* var. *obtusifolium* fide Wijk et al. 1967.

Plagiothecium georgicoantarcticum (Müll. Hal.) Kindb. = *Plagiothecium orthocarpum* fide Ochyra et al. 2008.

***Plagiothecium lamprostachys* (Hampe) A. Jaeger**

Buck 2002. **Dist.** XII. Antártica Chilena.

Plagiothecium lucidulum (Hook. f. & Wilson) Mitt. = *Plagiothecium lucidum* fide Buck & Ireland 1989.

***Plagiothecium lucidum* (Hook. f. & Wilson) Paris**

Hässel et al. 1984; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Matteri 1985b (as *Plagiothecium lucidulum*, Mitten 1869; Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Plagiothecium orthocarpum* Mitt.**

Mitten 1869 (as *Plagiothecium georgicoantarcticum*, Matteri & Schiavone 2002; as *Plagiothecium conostegium*, Schaumann 2005; Buck & Ireland 1989; Frey & Schaumann 2002). **Dist.** VIII. Concepción; IX. Cautín; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Plagiothecium ovalifolium* Cardot**

Goffinet et al. 2006; Buck 2002; Ireland et al. 2007; Bednarek-Ochyra et al. 1999; Matteri & Schiavone 2002; Cardot 1908; Seki 1974; Buck & Ireland 1989; Deguchi 1991b. **Dist.** VIII. Biobío; IX. Malleco; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

***Platydictya jungermannioides* (Brid.) H.A. Crum**

Ochyra & Matteri 2001; Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego.

Platyhypnidium peruvienne (R.S. Williams) Ochyra ≡ *Rhynchostegium peruvienne*.

Platyneurum laticostatum (Cardot) Broth. = *Platyneuron praealtum* fide Ochyra & Bednarek-Ochyra 1997.

Platyneuron praealtum (Mitt.) Ochyra & Bednarek-Ochyra

Goffinet et al. 2006; Buck 2002; Ireland et al. 2007; Schaumann 2005; He 1998; Matteri & Schiavone 2002 (as *Platyneurum laticostatum*, Hässel et al. 1984; Roivainen 1937; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; Seki 1974; Matteri 1985b; Deguchi 1991a; as *Dicranum cirrhifolium*, Dusén 1903b; as *Dicranum laticostatum*, Dusén 1905b; Cardot 1900, 1901, 1908; as *Ditrichum praealtum*, Dusén 1903b; Cardot 1908). **Dist.** VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza, Tierra del Fuego.

Pleuridium andinum Herzog

Tropicos 2009. **Dist.** VIII. Concepción (*Ireland & Bellolio 31965*, MO), Ñuble (*Ireland & Bellolio 31527*, MO).

Pleuridium costesii Thér.

Thériot 1921. **Dist.** V. Valparaíso.

Pleuridium macrothecium Dusén

Dusén 1905b; Thériot 1921. **Dist.** VIII. Concepción; IX. Malleco.

Pleuridium robinsonii (Mont.) Mitt.

Tropicos 2009; He 1998; Mitten 1869; Dusén 1905b; Thériot 1921; Brotherus 1924b; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; Robinson 1975. **Dist.** V. Petorca, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Melipilla, Talagante; VI. Cachapoal; VIII. Arauco, Biobío, Concepción, Ñuble; Juan Fernández Is.

Pleurorthotrichum chilense Broth.

Tropicos 2009; Barrera 2006; Espinosa 1941; He 1998; Brotherus 1905, 1924a; Herzog 1954; Lewinsky-Haapasaari 1994; Muñoz & Pisano 1947. **Dist.** II. Antofagasta; IV. Choapa, Limarí; V. Aconcagua, Petorca.

Pogonatum alpinum (Hedw.) Röhl. ≡ *Polytrichastrum alpinum*.

Pogonatum liliputanum Thér. = *Oligotrichum canaliculatum* fide Robinson 1975.

Pogonatum oligodus (Kunze ex Müll. Hal.) Mitt. ≡ *Pogonatum perichaetiale* subsp. *oligodus*.

Pogonatum perichaetiale (Mont.) A. Jaeger subsp. *oligodus* (Kunze ex Müll. Hal.) Hyvönen

Villagran et al. 2003; He 1998; Hyvönen 1989 (as *Pogonatum oligodus*, Ireland et al. 2007; Mitten 1869; Thériot 1915, 1917; Bartram 1952). **Dist.** V. San Antonio, Valparaíso; RM. Santiago; VIII. Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Chiloé.

Pogonatum spuriocirratum Broth. = *Pogonatum cirratum* subsp. *fuscatum* fide Hyvönen 1989.

Pohlia australis A.J. Shaw & Fife

Tropicos 2009. **Dist.** X. Llanquihue (*Frey & Schaumann 01-378*, MO, det. Shaw).

Pohlia chilensis (Mont.) A.J. Shaw

Suárez & Schiavone 2008; He 1998; Ireland et al. 2007; Shaw 1987 (as *Webera costesii*, Thériot 1917, 1924; as *Mielichhoferia chilensis*, Mitten 1869; as *Pohlia pluriseta*, Robinson 1964). **Dist.** V. Los Andes, Valparaíso; RM. Chacabuco, Santiago, Talagante; VII. Curicó; VIII. Arauco, Biobío, Concepción, Ñuble.

Pohlia cruda (Hedw.) Lindb.

Tropicos 2009; Müller 2009; Hässel et al. 1984; Buck 2002; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Mitten 1869; Herzog 1922; Seki 1974; Matteri 1985b; Ochi 1990; Deguchi 1991a (as *Webera cruda*, Cardot 1900, 1901, 1908; Dusén 1903b; Cardot & Brotherus 1923; Roivainen 1934; Herzog 1954). **Dist.** RM. Chacabuco, Santiago; VII. Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Malleco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Pohlia drummondii (Müll. Hal.) A.L. Andrews

Cardot & Brotherus 1923; Müller 2002 (as *Pohlia inflexa*, Hässel et al. 1984; Matteri 1985b). **Dist.** VII. Talca; XII. Magallanes, Última Esperanza.

Pohlia humilis (Mont.) Broth.(as *Orthodontium humile*, Mitten 1869). **Dist.** Chile australia.*Pohlia inflexa* (Müll. Hal.) Wijk & Margad. = *Pohlia drummondii* fide Ochyra 1998.*Pohlia integra* (Cardot) A.J. Shaw = *Pohlia wilsonii* fide Arts 2001b.***Pohlia lonchochaete*** (Dusén) Broth.Buck 2002 (as *Webera lonchochaete*, Dusén 1903b). **Dist.** X. Llanquihue; XII. Antártica Chilena.***Pohlia looseri*** (Thér.) S. HeHe 1998 (as *Webera looseri*, Thériot 1935). **Dist.** RM. Santiago.*Pohlia magnifica* (Herzog) S. He = *Bryum australe* fide Müller 2009.***Pohlia nutans*** (Hedw.) Lindb.Goffinet et al. 2006; Hässel et al. 1984; Ireland et al. 2007; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Mitten 1869; Seki 1974; Matteri 1985b; Ochi 1990; Deguchi 1991a (as *Webera nutans*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Thériot 1924; Herzog 1954; as *Webera sphagnadelphus*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923). **Dist.** RM. Chacabuco, Cordillera, Maipo; VIII. Arauco, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.***Pohlia papillosa*** (Müll. Hal. ex A. Jaeger) Broth.NY 2009. **Dist.** RM. Santiago (*Buck 41545*, NY).*Pohlia pluriseta* Herzog = *Pohlia chilensis* fide Shaw 1987.***Pohlia sphagnicola*** (Bruch & Schimp.) Broth.Müller 2009. **Dist.** XII. Magallanes.***Pohlia wahlenbergii*** (F. Weber & D. Mohr) A.L. Andrews var. ***wahlenbergii***Tropicos 2009; Ochyra et al. 2008; Buck 2002; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Seki 1974; Ochi 1990; Deguchi 1991a (as *Mniobryum philonoteum*, Herzog 1954; as *Webera philonotea*, Dusén 1903b; Cardot 1908; as *Webera albicans*, Dusén 1903b; Thériot 1925; as *Mniobryum albicans*, Cardot & Brotherus 1923; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Herzog 1954; as *Mniobryum alticaule* var. *crassinerve*, Cardot & Brotherus 1923). **Dist.** V. Los Andes, Petorca, San Antonio, Valparaíso; RM. Chacabuco, Cordillera, Santiago; VI. Colchagua; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.***Pohlia wahlenbergii*** var. ***glacialis*** (Brid.) E.F. Warb.Hässel et al. 1984 (as *Mniobryum alticaule*, Herzog 1954; as *Webera alticaulis*, Dusén 1903b; Cardot 1908; as *Mniobryum amplirete*, Herzog 1922). **Dist.** XI. Aisén; XII. Magallanes, Última Esperanza.***Pohlia wilsonii*** (Mitt.) OchyraMüller 2009 (as *Leptobryum wilsonii*, Buck 2002; Matteri & Schiavone 2002; He 1998; Bartram 1952; as *Wollnya wilsonii*, Herzog 1954; as *Leptobryum pottiaceum*, Dusén 1903b; Cardot 1908; as *Wollnya pottiacea*, Herzog 1954; as *Pohlia integra*, Suárez & Schiavone 2005; as *Mniobryum aspillagae*, Thériot 1924). **Dist.** II. Antofagasta; III. Atacama; IV. Elqui; V. Valparaíso; RM. Santiago; VI. Colchagua; XII. Antártica Chilena, Magallanes.***Pohlia*** spec.Ireland & Bellolio 2002. **Dist.** Easter I.*Polytrichadelphus dendroides* (Brid. ex Hedw.) Mitt. = *Dendroligotrichum dendroides*.*Polytrichadelphus horridus* Mitt. = *Polytrichadelphus magellanicus* fide Robinson 1975.***Polytrichadelphus magellanicus*** (Hedw.) Mitt. subsp. ***magellanicus***

Goffinet et al. 2006; Hässel et al. 1984; Stech et al. 2002; Buck 2002; Buck 2005a; Larraín 2005; Espinosa 1941; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Herzog 1922; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Herzog & Schwabe 1939; Bartram 1957; Seki 1974; Robinson 1975; Matteri

1985b; Deguchi 1991b; Schiavone 1993 (as *Polytrichadelphus horridus*, Mitten 1869; Cardot 1908; Herzog & Schwabe 1939; Herzog 1954; as *Polytrichadelphus robustus*, Cardot 1908; Cardot & Brotherus 1923). **Dist.** IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Polytrichadelphus minimus Cardot ≡ *Notoligotrichum minimum*.

Polytrichadelphus robustus (Lindb.) Broth. = *Polytrichadelphus magellanicus* fide Schiavone 1993.

Polytrichadelphus squamosa (Hook.f. & Wilson) Mitt. ≡ *Dendroligotrichum squamosum*.

Polytrichadelphus stricticaulis Dusén, *nom. nud.*, Dusén 1903b.

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

Müller 2009; Ireland et al. 2007; Matteri & Schiavone 2002 (as *Pogonatum alpinum*, Hässel et al. 1984; Cardot 1908; as *Polytrichum alpinum*, Thériot 1935; Matteri 1985b; *Polytrichum alpinum* var. *integrifolium*, Cardot & Brotherus 1923). **Dist.** VII. Talca; VIII. Ñuble; XIV. Valdivia/Ranco; X. Osorno; XII. Magallanes, Tierra del Fuego, Última Esperanza.

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

(as *Polytrichum formosum*, Matteri 1985b; Hässel et al. 1984). **Dist.** XII. Magallanes, Última Esperanza.

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

Díaz et al. 2008; Ochyra et al. 2008; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Deguchi 1991b (as *Polytrichum gracile*, Herzog & Schwabe 1939; as *Polytrichum longisetum*, Matteri 1985b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Polytrichum alpinum Hedw. ≡ *Polytrichastrum alpinum*.

Polytrichum alpinum var. *integrifolium* Cardot & Broth. = *Polytrichastrum alpinum* fide Schiavone 1993.

Polytrichum elongatum P. Beauv.

Dusén 1903b; Cardot 1908. **Dist.** XII. Magallanes.

Polytrichum gracile Dicks. = *Polytrichastrum longisetum* fide Smith 1971.

Polytrichum juniperinum Hedw. var. ***juniperinum***

Tropicos 2009; Goffinet et al. 2006; Hässel et al. 1984; Döbbeler 1999; Döbbeler & Triebel 2000; Pereira et al. 2006; Buck 2002; Larraín 2005; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Schiavone & Hyvönen 1993; Matteri & Schiavone 2002; Mitten 1869; Dusén 1903b; Cardot 1908; Reimers 1926; Roivainen 1934; Thériot 1935; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Polytrichum juniperiforme*, Mitten 1869; *Polytrichum juniperinum* var. *alpinum*, Cardot & Brotherus 1923). **Dist.** V. San Antonio; RM. Cordillera, Maipo, Santiago; VI. Colchagua; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Última Esperanza.

Polytrichum juniperinum var. ***affine*** (Funck) Brid.

Hässel et al. 1984; Matteri & Schiavone 2002; Matteri 1985b (as *Polytrichum strictum* var. *alpestre*, Cardot & Brotherus 1923). **Dist.** XII. Magallanes, Última Esperanza.

Polytrichum juniperiforme Schimp. ex Mitt. = *Polytrichum juniperinum* fide Schiavone 1993.

Polytrichum juniperinum var. *alpinum* Schimp. = *Polytrichum juniperinum* fide Schiavone 1993.

Polytrichum juniperinum var. *australe* Walth., *hom. illeg.*, Herzog & Schwabe 1939 (as

Polytrichum spegazzinii, Dusén 1903b).

Polytrichum patagonicum Müll. Hal. = *Polytrichum piliferum* fide Walther 1940.

Polytrichum piliferum Schreb. ex Hedw.

Tropicos 2009; Goffinet et al. 2006; Hässel et al. 1984; Buck 2002; Schaumann 2005; He 1998; Schiavone & Hyvönen 1991; Matteri & Schiavone 2002; Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1903b; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Polytrichum patagonicum*, Dusén 1903b; as *Polytrichum subpiliferum*, Cardot 1900, 1901, 1908; as *Polytrichum trachynotum*, Dusén 1903b). **Dist.** VII. Talca; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV.

Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Polytrichum spagazzinii Müll. Hal. = *Polytrichum juniperinum* fide Walther 1940.

Polytrichum strictum Menzies ex Brid.

Goffinet et al. 2006; Buck 2002; Dusén 1903b; Cardot 1908; Ireland et al. 2007. **Dist.** VIII. Ñuble; XII. Antártica Chilena, Magallanes.

Polytrichum strictum var. *alpestre* (Hoppe) Rabenh. = *Polytrichum juniperinum* var. *affine* fide Schiavone 1993.

Polytrichum subpiliferum Cardot = *Polytrichum juniperinum* fide Matteri & Schiavone 2002.

Polytrichum trachynotum Müll. Hal. = *Polytrichum piliferum* fide Walther 1940.

Porothamnium arbusculans (Müll. Hal.) M. Fleisch.

Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Gunckel 1938; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924b; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991b (as *Hypnodendron naumanni*, Cardot 1908; as *Porothamnium arbusculans* var. *complanatum*, Cardot & Brotherus 1923; as *Porothamnium arbusculans* fo. *complanata*, Reimers 1926; *Porothamnium arbusculans* fo. *typica*, Reimers 1926; as *Thamnum arbusculans*, Dusén 1903b; Cardot 1908; as *Thamnum decumbens*, Dusén 1903b; Cardot 1908). **Dist.** IV. Choapa; V. Petorca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Porothamnium arbusculans var. *complanatum* (Müll. Hal.) Cardot = *Porothamnium arbusculans*.

Porothamnium arbusculans fo. *complanata* (Dusén) Reim. = *Porothamnium arbusculans*.

Porothamnium arbusculans fo. *typica* Reim. = *Porothamnium arbusculans*.

Porothamnium fasciculatum (Sw. ex Hedw.) M. Fleisch. = *Thamnobryum fasciculatum*.

Porothamnium leucocaulon (Müll. Hal.) M. Fleisch.

Gunckel 1938; He 1998; Mitten 1869; Herzog 1922; Roivainen 1934; Herzog & Hosseus 1938; Bartram 1952 (as *Thamnum leucocaulon*, Cardot 1908). **Dist.** VIII. Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XII. Magallanes.

Porothamnium panduraefolium (Müll. Hal.) M. Fleisch.

Tropicos 2009; Larraín 2005; Gunckel 1938; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Mitten 1869; Thériot 1918; Herzog 1922, 1954, 1960; Herzog & Hosseus 1938; Deguchi 1991b (as *Porothamnium panduraefolium* fo. *elongata*, Reimers 1926; as *Porothamnium panduraefolium* fo. *typica*, Reimers 1926; as *Thamnum panduraefolium*, Cardot & Brotherus 1923). **Dist.** VII. Cauquenes; VIII. Arauco, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes.

Porothamnium panduraefolium fo. *elongata* Reim. = *Porothamnium panduraefolium*.

Porothamnium panduraefolium fo. *typica* Reim. = *Porothamnium panduraefolium*.

Porothamnium valdiviae (Müll. Hal.) M. Fleisch.

Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Larraín 2005; Gunckel 1938; Villagran et al. 2003; He 1998; Mitten 1869; Thériot 1918; Cardot & Brotherus 1923; Roivainen 1934; Herzog & Hosseus 1938; Herzog 1954, 1960; Robinson 1975; Deguchi 1991b (as *Poro-trichum valdiviae*, Bartram 1952; as *Porothamnium valdiviae* fo. *typica*, Reimers 1926; as *Porothamnium valdiviae* fo. *elongata*, Reimers 1926; as *Thamnum valdiviae*, Cardot 1908). **Dist.** IV. Choapa; VII. Talca; VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; Juan Fernández Is.

Porothamnium valdiviae fo. *typica* Reim. = *Porothamnium valdiviae*.

Porothamnium valdiviae fo. *elongata* Reim. = *Porothamnium valdiviae*.

Poro-trichodendron porteri (Thér.) Broth.

(as *Poro-trichum porteri*, Thériot 1917). **Dist.** VII. Linares.

Poro-trichum callicostelloides Broth. ex Thér. = *Chileobryon callicostelloides*.

Poro-trichum callicostelloides var. *distichum* Thér. = *Chileobryon callicostelloides* fide Enroth 1992.

Poro-trichum chilense Thér.

Tropicos 2009; He 1998; Thériot 1924. **Dist.** V. Valparaíso; VIII. Biobío, Ñuble; XIV. Valdivia/Ranco; X. Chiloé, Osorno.

Porotrichum fasciculatum (Hedw.) Mitt. = *Thamnobryum fasciculatum*.

Porotrichum korthalsianum (Dozy & Molk.) Mitt.

Tropicos 2009; Schaumann 2005; He 1998. **Dist.** V. Petorca; VIII. Arauco, Biobío, Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno, Palena.

Porotrichum lancifrons (Hampe) Mitt.

Ireland et al. 2007; He 1998. **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; XI. Aisén.

Porotrichum porteri Cardot & Thér. = *Porotrichodendron porteri*.

Porotrichum valdiviae (Müll. Hal.) Mitt. = *Porothamnium valdiviae*.

Pottia acutidentata Thér. & Cardot = *Hennediella antarctica* fide Cano 2008.

Pottia anderssonii Sauerb., *hom. illeg.* = *Hennediella antarctica* fide Cano 2008.

Pottia antarctica (Ångström) Müll. Hal. = *Hennediella antarctica*.

Pottia austrogeorgica Cardot = *Hennediella antarctica* fide Ochyra 1998.

Pottia austrogeorgica var. *microphylla* Cardot & Broth. = *Hennediella antarctica* fide Cano 2008.

Pottia chubutensis Cardot & Broth. = *Hennediella heimii* fide Cano & Gallego 2008.

Pottia flavipes Mont. = *Hennediella heimii* fide Cano 2008.

Pottia fuscomucronata Müll. Hal. = *Hennediella antarctica* fide Cano 2008.

Pottia heimii (Hedw.) Hampe = *Hennediella heimii*.

Pottia heimii var. *flavipes* (Mont.) Warnst. = *Hennediella heimii* fide Cano 2008.

Pottia heimii var. *magellanica* Schimp. = *Hennediella heimii* fide Cano 2008.

Pottia heimii var. *maxima* Cardot = *Hennediella heimii* fide Cano 2008.

Pottia heimii var. *thaxteri* Cardot & Thér. = *Hennediella antarctica* fide Cano 2008.

Pottia intermedia (Turner) Fürnr. = *Tortula modica*.

Pottia macrocarpa Schimp. = *Costesia macrocarpa*.

Pottia magellanica Schimp. *ex Paris, hom. illeg.* = *Hennediella antarctica* fide Wijk et al. 1967.

Pottia megapoda Müll. Hal. = *Hennediella heimii* fide Warnstorf 1916.

Pottia pellucida Cardot, *nom. nud.*, Cardot 1911.

Pottia spegazzinii Müll. Hal. = *Hennediella heimii* var. *spegazzinii*.

Pottia truncata (Hedw.) Bruch & Schimp. = *Tortula truncata*.

Pseudocrossidium apiculatum R.S. Williams

He 1998; Thériot 1923; Cano 2003. **Dist.** XV. Parinacota; III. Copiapó; IV. Choapa, Elqui, Limarí; RM. Chacabuco, Cordillera, Santiago; VI. Cardenal Caro.

Pseudocrossidium chilense R.S. Williams

Jiménez & Cano 2007; He 1998; Williams 1915. **Dist.** IV. Elqui; V. Valparaíso; RM. Chacabuco, Santiago; VI. Cardenal Caro.

Pseudocrossidium crinitum (Schultz) R.H. Zander

Matcham et al. 2007; Larrain 2005; He 1998; Matteri & Schiavone 2002 (as *Barbula arenicola*, Dusén 1906a; as *Barbula depressa*, Thériot 1918, 1921; Costes 1921; Cardot & Brotherus 1923; as *Barbula depressa* var. *denticulata*, Thériot 1918; as *Barbula flagellaris* var. *denticulata*, Dusén 1906a; Cardot 1908; as *Barbula flagellaris* var. *gracilis*, Dusén 1906a; as *Tortula pilifera*, Hässel et al. 1984; Hezog 1960; Seki 1974; Matteri 1985b; as *Tortula pilifera* var. *denticulata*, Hässel et al. 1984; Matteri 1985b; as *Barbula pilifera*, Thériot 1928; Herzog & Hosseus 1938; Bartram 1952; Herzog 1954; Deguchi 1991b; as *Tortula purpureo-velutina*, Herzog 1954; as *Tortula subglacialis*, Thériot 1917, 1921; as *Barbula flagellaris*, Costes 1921). **Dist.** IV. Elqui, Limarí; V. Aconcagua, Petorca, San Antonio, Valparaíso; RM. Cordillera, Santiago, Talagante; VI. Colchagua; VII. Cauquenes, Linares, Talca; VIII. Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Última Esperanza.

Pseudocrossidium elatum (R.S. Williams) Delgad.

Cano 2003. **Dist.** XV. Parinacota.

Pseudocrossidium excavatum (Mitt.) R.S. Williams

Cano & Gallego 2008 (as *Tortula santiagensis*, Espinosa 1941; Brotherus 1924a). **Dist.** RM. Santiago.

Pseudocrossidium hornschurchianum (Schultz) R.H. Zander

Müller 2002. **Dist.** XII. Magallanes.

Pseudocrossidium leucocalyx (Mont.) Thér.

Espinosa 1941; He 1998; Thériot 1923; Brotherus 1924a (as *Tortula leucocalyx*, Mitten 1869; as *Barbula pachyneura*, Dusén 1906a; Thériot 1917; Costes 1921; as *Tortula perarmata*, Brotherus 1924a; Espinosa 1941). **Dist.** IV. Coquimbo, Limarí; V. Petorca, Quillota, Valparaíso; RM. Santiago.

Pseudocrossidium replicatum (Taylor) R.H. Zander

He 1998; Deguchi 1991b (as *Barbula replicata*, Bartram 1943, 1952). **Dist.** II. Antofagasta; IV. Elqui; RM. Cordillera, Santiago.

Pseudodistichium atlanticum Dixon = *Ditrichum conicum* fide Robinson 1972.

Pseudodistichium austrogeorgicum Cardot = *Ditrichum hyalinum* fide Ochyra 1999a.

Pseudodistichium austrogeorgicum var. *longifolium* Broth. = *Ditrichum hyalinum* fide Ochyra 1999a.

Pseudodistichium fuegianum Roiv. = *Ditrichum brotherusii* fide Seppelt 1982.

Pseudodistichium taitaense J. Froehl. = *Ditrichum conicum* fide Robinson 1972.

Pseudoleskea chilensis (Lorentz) Ochyra = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoleskea filum (Müll. Hal.) Paris = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoleskea fuegiana (Besch.) Broth. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoleskea fuegiana var. *gracilis* Cardot & Broth. = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoleskea fuegiana var. *skottsbergii* Cardot = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoleskea lurida Cardot = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.

Pseudoscleropodium purum (Hedw.) M. Fleisch.

(as *Scleropodium purum*, Tropicos 2009; Goffinet et al. 2006). **Dist.** XIV. Valdivia/Ranco (Crosby 11569, MO).

Pseudotaxiphyllum elegans (Brid.) Z. Iwats.

Müller 2009; Ireland et al. 2007. **Dist.** VII. Talca; VIII. Arauco.

Psilopilum angulatum Cardot & Broth. = *Notoligotrichum minimum* fide Matteri & Schiavone 2002.

Psilopilum antarcticum Müll. Hal. = *Notoligotrichum trichodon* fide Smith 1971.

Psilopilum antarcticum var. *densifolium* Cardot & Broth. = *Notoligotrichum trichodon* fide Schiavone 1993.

Psilopilum compressum (Hook.f. & Wilson) Mitt. = *Atrichopsis compressa*.

Psilopilum cuspidatum Dusén = *Notoligotrichum tapes* fide Wijk et al. 1967.

Psilopilum magellanicum Dusén = *Notoligotrichum trichodon* fide Smith 1971.

Psilopilum minimum (Cardot) G.L. Smith = *Notoligotrichum minimum*.

Psilopilum tapes (Müll. Hal.) Paris var. *apiculatum* Cardot = *Notoligotrichum tapes* var. *apiculatum*.

Psilopilum trichodon (Hook.f. & Wilson) Mitt. = *Notoligotrichum trichodon*.

Pterogoniadelphus hollermayeri (Thér.) Ochyra & Zijlstra = *Acroschisma wilsonii* fide Müller 2008.

Pterygoneurum ovatum (Hedw.) Dixon

Matcham et al. 2007; Matcham & Duckett in Blockeel et al. 2008a. **Dist.** XII. Magallanes.

Pterygophyllum anomalum (Schwägr.) Mitt. = *Achrophyllum anomalum*.

Pterygophyllum anomalum var. *pallidum* Cardot & Broth. = *Achrophyllum anomalum* var. *pallidum*.

Pterygophyllum crassirete Matteri = *Achrophyllum crassirete*.

Pterygophyllum denticulatum (Hook.f. & Wilson) Mitt. = *Achrophyllum dentatum* fide Thériot 1917.

Pterygophyllum haesselianum Matteri = *Achrophyllum haesselianum*.

Pterygophyllum lamellatum Dusén, *nom. nud.*, Dusén 1903b.

Pterygophyllum magellanicum Besch. = *Achrophyllum magellanicum* fide Matteri 1979.

Pterygophyllum magellanicum var. *oligodontum* Matteri = *Achrophyllum magellanicum* var. *oligodontum*.

Pterygophyllum obscurum (Mont.) Mitt., *hom. illeg.* = *Achrophyllum anomalum* fide Robinson 1975.

Pterygophyllum obscurum fo. *thermalis* Herzog = *Achrophyllum anomalum* fide He 1998.

Pterygophyllum tenuinerve Broth. = *Achrophyllum tenuinerve*.

Ptychomitrium chimborazense (Spruce ex Mitt.) A. Jaeger

Cao et al. 2006. **Dist.** Chile: Bojin de Arrayun.

Ptychomitrium chimborazense var. *obtusifolium* (Thér.) Broth. = *Ptychomitrium hieronymi* var. *obtusifolium*.

Ptychomitrium crispatum (Hedw.) A. Jaeger

Cao et al. 2003. **Dist.** Juan Fernández Is.

Ptychomitrium cumingii Duby = *Ptychomitrium fernandesianum* fide Greene 1986.

Ptychomitrium deltorii (Thér.) Broth.

He 1998; Guo & Cao 1999; Thériot 1921 (as *Brachysteleum deltorii*, Thériot 1921). **Dist.** VIII.

Concepción; IX. Malleco.

Ptychomitrium fernandesianum (Mitt.) A. Jaeger var. *fernandesianum*

Espinosa 1941; Müller & Pereira 2006; Brotherus 1924b; Robinson 1975 (as *Brachysteleum fernandesianum*, Thériot 1921; as *Glyphomitrium fernandesianum*, Mitten 1869; as *Ptychomitrium cumingii*, Thériot 1935). **Dist.** VII. Cauquenes; XIV. Valdivia/Ranco; X. Osorno; Juan Fernández Is.

***Ptychomitrium fernandesianum* var. *majus* Broth.**

Brotherus 1924b. **Dist.** Juan Fernández Is.

***Ptychomitrium hieronymi* Besch. var. *obtusifolium* (Thér.) T. Cao & Guo Shui-liang**

Cao et al. 2006 (as *Ptychomitrium chimborazense* var. *obtusifolium*, Brotherus 1925; as *Brachysteleum chimborazense* var. *obtusifolium*, Thériot 1923). **Dist.** V. Aconcagua. RM. Santiago. "Cajon del Arragan".

***Ptychomitrium ligulatum* (Mitt.) A. Jaeger**

Matteri & Schiavone 2002 (as *Glyphomitrium ligulatum*, Mitten 1869; Cardot 1908). **Dist.** XII. Antártica Chilena

***Ptychomitrium sellowianum* (Müll. Hal.) A. Jaeger**

Ireland et al. 2007. **Dist.** VIII. Arauco, Concepción, Ñuble.

***Ptychomitrium subcylindricum* Thér.**

Ireland & Bellolio 2002; Thériot 1937. **Dist.** Easter I.

***Ptychomniella ptychocarpa* (Schwägr.) W.R. Buck, C. J. Cox, A. J. Shaw & Goffinet**

Larraín 2007b (as *Ptychomnion ptychocarpon*, Larraín 2005; Espinosa 1941; Villagran et al. 2003; Schaumann 2005; He 1998; Mitten 1869; Dusén 1903b; Cardot 1908; Thériot 1918, 1935; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Roivainen 1934; Herzog 1922, 1954, 1960; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952, 1957; Seki 1974; Robinson 1970, 1975; Deguchi 1991b; Kühnemann & Goncalves Carralves 1975). **Dist.** V. Valparaíso; VI. O'Higgins; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, General Carrera; XII. Magallanes; Juan Fernández Is.

***Ptychomnion cygnisetum* (Müll. Hal.) Kindb.**

Díaz et al. 2008; Tropicos 2009; Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Larraín 2005; Espinosa 1941; Villagran et al. 2003, 2004; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Muñoz & Pisano 1947; Dusén 1903b; Cardot 1908; Thériot 1915; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924a; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; Robinson 1970, 1975; Hattaway 1984; Matteri 1985b; Deguchi 1991b; Kühnemann & Goncalves Carralves 1975 (as *Ptychomnion subaciculare*, Espinosa 1941; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; Bartram 1957; Robinson 1970; Seki 1974; Deguchi 1991b; Kühnemann & Goncalves Carralves 1975; as *Ptychomnion horridum*, Cardot & Brotherus 1923; Kühnemann & Goncalves Carralves 1975). **Dist.** IV. Coquimbo, Limarí; V. Aconcagua; VII. Linares; VIII. Arauco; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

***Ptychomnion densifolium* (Brid.) A. Jaeger**

Díaz et al. 2008; Larraín 2007b; Hässel et al. 1984; Buck 2005b; Tangney & Fife 1997; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934; Robinson 1970; Seki 1974; Matteri 1985b; Kühnemann & Goncalves Carralves 1975 (as *Ptychomnion densifolium* var. *gracile*, Brotherus & Cardot 1923). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Ptychomnion densifolium var. *gracile* Cardot & Broth. = *Ptychomnion densifolium* fide Hattaway 1984.

***Ptychomnion falcatulum* Broth.**

Villagran et al. 2003; Brotherus 1924b; Robinson 1975; Kühnemann & Goncalves Carralves 1975 (as *Ptychomnion falcatulum* var. *gracilescens*, Barrera 2006; Espinosa 1941; Brotherus 1924b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé; Juan Fernández Is.

Ptychomnion falcatulum var. *gracilescens* Broth. = *Ptychomnion falcatulum* fide Hattaway 1984.

Ptychomnion horridum Cardot & Broth. = *Ptychomnion cygnisetum* fide Matteri & Schiavone 2002.

Ptychomnion ptychocarpon (Schwägr.) Mitt. = *Ptychomniella ptychocarpa*.

Ptychomnion subaciculare Besch. = *Ptychomnion cygnisetum* fide Hattaway 1984.

Pulvinella albicans Broth. & Herzog = *Sauloma tenella* fide Buck 1987.

***Pyrrhobryum mnioides* (Hook.) Manuel**

Tropicos 2009; Goffinet et al. 2006; Matteri & Piñero 1987; Larraín 2007b; Matcham et al. 2007; Buck 2002; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Frahm et al. 2003; Matteri & Schiavone 2002 (as *Rhizogonium mnioides*, Hässel et al. 1984; Espinosa 1941; Mitten 1869; Dusén 1903b; Cardot 1908; Thériot 1915, 1918, 1934b; Herzog 1922, 1954, 1960; Cardot 1905; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991b; as *Aulacomnium chilense*, Müller 1843). **Dist.** V. Aconcagua; RM. Santiago; VII. Cauquenes, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

***Pyrrhobryum spiniforme* (Hedw.) Mitt.**

Ireland & Bellolio 2002. **Dist.** Easter I.

Racomitrium andreaeoides Herzog = *Bucklandiella sudetica* fide Bednarek-Ochyra 1993.

Racomitrium austrocanescens Dusén = *Racomitrium pruinosum* fide Vitt & Marsh 1988.

Racomitrium austrogeorgicum Paris = *Bucklandiella sudetica* fide Frisvoll 1986.

Racomitrium austrogeorgicum var. *kranckii* Roiv. = *Bucklandiella sudetica* fide Ochyra 1998.

Racomitrium bartramii (Roiv.) H. Rob. = *Bucklandiella bartramii*.

Racomitrium canescens (Hedw.) Brid. = *Niphotrichum canescens*.

Racomitrium convolutum Mont. = *Bucklandiella didyma* fide Ochyra et al. 2008.

Racomitrium crispipilum (Taylor) A. Jaeger = *Bucklandiella crispipila*.

Racomitrium crispulum (Hook.f. & Wilson) Hook.f. & Wilson = *Bucklandiella crispula*.

Racomitrium crispulum var. *rupestre* (Hook.f. & Wilson) Dixon = *Bucklandiella rupestris* fide Matteri 2003a.

Racomitrium didymum (Mont.) Lorentz = *Bucklandiella didyma*.

***Racomitrium didymum* fo. *obtusum* Herzog, nom. nud., Herzog & Hosseus 1938.**

Racomitrium flavescens Cardot = *Bucklandiella didyma* fide Ochyra et al. 2008.

***Racomitrium flavo-pallidum* Dusén, nom. nud., Dusén 1903b.**

Racomitrium geminatum Roiv. = *Bucklandiella crispipila* fide Deguchi 1984.

Racomitrium geronticum Müll. Hal. = *Racomitrium lanuginosum* subsp. *geronticum*.

Racomitrium heterostichoides Cardot = *Bucklandiella heterostichoides*.

Racomitrium heterostichoides var. *acutifolium* Dusén = *Bucklandiella crispula* fide Clifford 1955.

Racomitrium hypnoides Lindb., hom. illeg. = *Racomitrium lanuginosum* fide Wijk et al. 1967.

Racomitrium hypnoides fo. *gerontium* (Müll. Hal.) Dusén = *Racomitrium lanuginosum* subsp. *geronticum*.

***Racomitrium hypnoides* fo. *glaciale* (Müll. Hal.) Dusén**

Dusén 1906b. **Dist.** XII. Magallanes.

Racomitrium integripilum Dusén = *Bucklandiella crispipila* fide Deguchi 1984.

Racomitrium laevigatum A. Jaeger = *Codriophorus laevigatus*.

Racomitrium lamprocarpum (Müll. Hal.) A. Jaeger = *Bucklandiella lamprocarpa*.

***Racomitrium lanuginosum* (Hedw.) Brid.**

Ochyra et al. 2008; Larraín 2007b; Hässel et al. 1984; Buck 2002; Eaton 1892; Larraín 2005; Espinosa 1941; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1903b; Thériot 1921; Cardot & Brotherus 1923; Brotherus 1924b; Roivainen 1955a; Bartram 1957; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991a (as *Racomitrium hypnoides*, Dusén 1906b; Reimers 1926; Herzog & Hosseus 1938; Herzog 1954, 1960; as *Racomitrium puccioanum*, Vitt & Marsh 1988). **Dist.** V. Valparaíso; VII. Linares; VIII. Biobío; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza, Tierra del Fuego; Juan Fernández Is.

***Racomitrium lanuginosum* subsp. *geronticum* (Müll. Hal.) Vitt & C. Marsh**

Ochyra et al. 2002 (as *Racomitrium hypnoides* fo. *gerontium*, Dusén 1906b). **Dist.** VIII. Concepción; XIV. Valdivia/Ranco; X. Osorno; XII. Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Racomitrium lanuginosum var. *pruinosum* Wilson = *Racomitrium pruinosum*.

Racomitrium limbatum E.B. Bartram = *Bucklandiella lamprocarpa* fide Deguchi 1984.

Racomitrium looseri Thér. = *Bucklandiella lamprocarpa* fide Bednarek-Ochyra & Ochyra 1994.

Racomitrium loriforme Dusén = *Codriophorus laevigatus* fide Robinson 1975; Deguchi 1984.

Racomitrium membranaceum (Mitt.) Paris = *Bucklandiella crispula* fide Wijk et al. 1967.

Racomitrium nigritum (Müll. Hal.) A. Jaeger = *Bucklandiella didyma* fide Deguchi 1984.

Racomitrium orthotrichaceum (Müll. Hal.) Paris = *Bucklandiella orthotrichacea*.

Racomitrium pachydictyon Cardot = *Bucklandiella pachydictyon*.

Racomitrium pachyneuron Herzog = *Bucklandiella lamprocarpa* fide Ochyra 1993b.

Racomitrium pachyneuron fo. *aquaticum* Herzog = *Bucklandiella lamprocarpa* fide Ochyra 1993b.

Racomitrium patagonicum Bednarek-Ochyra & Ochyra

Larraín 2007b; Matcham et al. 2007; Ireland et al. 2005; Bednarek-Ochyra & Ochyra 2003.

Dist. VII. Linares; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XII. Magallanes, Última Esperanza.

Racomitrium plicatum Herzog = *Racomitrium laevigatum* fide Bednarek-Ochyra 2006.

Racomitrium pruinosum (Wilson) Müll. Hal.

Matteri & Schiavone 2002 (as *Racomitrium austro-canescens*, Dusén 1906b; as *Racomitrium lanuginosum* var. *pruinosum*, Bartram 1952). **Dist.** XIV. Valdivia/Ranco; X. Llanquihue; XII. Magallanes. Note: The species is restricted to Australasia; the records from southern South America are very doubtful (Vitt & Marsh 1988, Bednarek-Ochyra et al. in Blockeel et al. 2009).

Racomitrium ptychophyllum (Mitt.) Mitt. = *Bucklandiella ptychophylla*.

Racomitrium puccioanum De Not. = *Racomitrium lanuginosum* fide Vitt & Marsh 1988.

Racomitrium rupestre (Hook.f. & Wilson) Hook.f. & Wilson = *Bucklandiella rupestris*.

Racomitrium scabrifolium E.B. Bartram = *Codriophorus laevigatus* fide Robinson 1975; Deguchi 1984.

Racomitrium senile Schimp., *nom. nud.* = *Racomitrium patagonicum* fide Bednarek-Ochyra & Ochyra 2003.

Racomitrium skottsbergii Cardot & Broth. = *Bucklandiella sudetica* fide Matteri & Schiavone 2002.

Racomitrium stenocladoides Roiv. = *Bucklandiella orthotrichacea* fide Deguchi 1984.

Racomitrium stenocladum Dusén = *Bucklandiella orthotrichacea* fide Deguchi 1984.

Racomitrium stenocladum var. *obtusum* Dusén = *Bucklandiella rupestris* fide Deguchi 1984.

Racomitrium striatipilum Cardot = *Bucklandiella crispipila* fide Deguchi 1984, 1987.

Racomitrium subcrispipilum (Müll. Hal.) A. Jaeger = *Bucklandiella crispula* fide Wijk et al. 1962.

Racomitrium sublamprocarpum (Müll. Hal.) Paris = *Bucklandiella lamprocarpa* fide Bednarek-Ochyra & Ochyra 1994.

Racomitrium subnigritum (Müll. Hal.) Paris = *Bucklandiella lamprocarpa* fide Deguchi 1984.

Racomitrium subrupestre Roiv. = *Bucklandiella didyma* fide Ochyra et al. 2008.

Racomitrium substenocladum Cardot = *Bucklandiella sudetica* fide Ochyra 1998.

Racomitrium substriatipilum Roiv. = *Bucklandiella crispipila* fide Deguchi 1984.

Racomitrium subulifolium Cardot = *Bucklandiella crispula* fide Wijk et al. 1967.

Racomitrium sudeticum (Funck) Bruch & Schimp. = *Bucklandiella sudetica*.

Racomitrium symphyodontum (Müll. Hal.) Paris = *Bucklandiella didyma* fide Deguchi 1984.

Racomitrium symphyodontum var. *dusenii* Cardot = *Bucklandiella didyma* fide Deguchi 1984.

Racomitrium symphyodontum fo. *flavescens* (Cardot) Cardot = *Bucklandiella didyma* fide Ochyra et al. 2008.

Racomitrium symphyodontum var. *muticum* Cardot = *Bucklandiella pachydictyon* fide Cardot 1908.

Racomitrium willii (Müll. Hal.) Kindb. = *Codriophorus laevigatus* fide Bednarek-Ochyra 2006.

Racopilum chilense Dusén = *Racopilum cuspidigerum* fide Zanten 1993.

Racopilum cuspidigerum (Schwägr.) Ångström

Ireland et al. 2007; Espinosa 1941; Ireland & Bellolio 2002; Zanten 2006; Brotherus 1924 (as *Racopilum chilense*, Herzog & Hosseus 1938; Deguchi 1991b). **Dist.** VIII. Arauco, Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; Juan Fernández Is.; Easter I.

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

Zanten 2006. **Dist.** XIV. Valdivia/Ranco; X. Llanquihue; Easter I.

Racopilum fernandezianum Cardot

- Espinosa 1941; Brotherus 1924b; Thériot 1927a; Herzog 1954; Bartram 1957; Robinson 1975. **Dist.** X. Osorno; Juan Fernández Is.
- Racopilum tomentosum** (Hedw.) Brid.
Larraín 2007a; Robinson 1975. **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; Juan Fernández Is.
- Renauldia chilensis** Thér.
Thériot 1926. **Dist.** VIII. Concepción.
- Rhabdoweisia crispata** (Dicks.) Lindb.
Tropicos 2009; Robinson 1975. **Dist.** VIII. Concepción (*Ireland & Bellolio 30933*, MO); Juan Fernández Is.
- Rhabdoweisia fugax** (Hedw.) Bruch & Schimp.
Ireland et al. 2007. **Dist.** VIII. Arauco, Concepción.
Rhacocarpus humboldtii (Hook.f.) Lindb. = *Rhacocarpus purpurascens* fide Bowers 1974.
Rhacocarpus orbiculata (Mitt.) Paris = *Rhacocarpus purpurascens* fide Frahm 1996.
Rhacocarpus patagonicus Broth. ≡ *Pararhacocarpus patagonicus*.
- Rhacocarpus purpurascens** (Brid.) Paris
Hässel et al. 1984; Buck 2004; Larraín 2005; He 1998; Matteri & Schiavone 2002; Frahm 1996; Seki 1974; Robinson 1975; Matteri 1985b; Deguchi 1991a (as *Racomitrium humboldtii*, Mitten 1869; Cardot 1908; Cardot & Brotherus 1923; Brotherus 1924b; as *Hedwigia orbiculata*, Mitten 1869; as *Rhacocarpus orbiculata*, Paris 1903-1906). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.
- Rhamphidium brevifolium** (Hampe & Lorentz) Broth.
Brotherus 1924c. **Dist.** Chile, without exact locality.
- Rhamphidium laetum** (Kunze ex Müll. Hal.) Broth.
Brotherus 1902-1909, 1924c (as *Tortula laeta*, Mitten 1869). **Dist.** Chile australis, without exact locality.
- Rhaphidorrhynchium amoenum** (Hedw.) M. Fleisch.
Hässel et al. 1984; Ireland et al. 2007; Matteri & Schiavone 2002; Matteri 1985b (as *Rhaphidostegium amoenum*, Dusén 1903b; Cardot 1908; as *Sematophyllum amoenum*, Mitten 1869; Beever et al. 1992). **Dist.** VIII. Arauco, Concepción; XII. Antártica Chilena, Magallanes, Última Esperanza.
- Rhaphidorrhynchium berberidis** (Dusén) Broth.
Seki 1974 (as *Ectropothecium berberidis*, Dusén 1905; Cardot 1908; *Rhaphidostegium berberidis*, Dusén 1903b). **Dist.** XI. Aisén.
- Rhaphidorrhynchium callidum** (Mont.) Broth.
Tropicos 2009; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Reimers 1926; Herzog & Hosseus 1938; Herzog 1954, 1960; Seki 1974; Matteri 1985b (as *Sematophyllum callidum*, Mitten 1869; Brotherus 1924a; Bartram 1952; as *Rhaphidostegium callidum*, Espinosa 1941; Dusén 1903b; Cardot 1908; Thériot 1917, 1918; Herzog 1922; Cardot & Brotherus 1923; Herzog & Schwabe 1939). **Dist.** IV. Limarí; V. Petorca, Valparaíso; VI. Cardenal Caro; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Última Esperanza.
- Rhaphidorrhynchium dendroligotrichum** (Dusén) Broth.
Herzog 1954, 1960; Seki 1974 (as *Rhaphidostegium dendroligotrichum*, Dusén 1905a; Cardot 1908; as *Rhaphidostegium polytrichadelphus*, Dusén 1903b). **Dist.** XI. Aisén.
- Rhaphidorrhynchium leptophyllum** (Mitt.) Broth.
Tropicos 2009; He 1998; Brotherus 1925 (as *Sematophyllum leptophyllum*, Mitten 1869). **Dist.** V. Petorca, San Antonio; VIII. Concepción; IX. Malleco.
- Rhaphidorrhynchium liliputianum** (Mont.) Broth.

(as *Sematophyllum liliputianum*, Mitten 1869). **Dist.** Chile, without exact locality.

Rhaphidorrhynchium noduliferum (Mitt.) Broth.

Matteri & Schiavone 2002; Brotherus 1925 (as *Sematophyllum noduliferum*, Mitten 1869; as *Rhaphidostegium noduliferum*, Dusén 1903b; Cardot 1908). **Dist.** XII. Antártica Chilena.

Rhaphidorrhynchium scorpiurus (Mont.) Broth.

Hässel et al. 1984; Larraín 2005; He 1998; Matteri & Schiavone 2002; Herzog & Hosseus 1938; Herzog 1954, 1960; Seki 1974; Matteri 1985b (as *Sematophyllum scorpiurus*, Ireland et al. 2007; as *Rhaphidostegium scorpiurus*, Mitten 1869; Herzog 1922; as *Sematophyllum aureonitidum*, Bartram 1946; as *Warburgiella aureonitida*, Akiyama 1993). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Rhaphidorrhynchium tenuirostre (Hook.f.) Broth. = *Sematophyllum uncinatum* fide Stone & Scott 1973.

Rhaphidostegium aberrans Broth. = *Sematophyllum aberrans*.

Rhaphidostegium amoenum (Hedw.) A. Jaeger = *Rhaphidorrhynchium amoenum*.

Rhaphidostegium berberidis (Dusén) Broth. = *Rhaphidorrhynchium berberidis*.

Rhaphidostegium brachycladulum Broth. = *Sematophyllum brachycladulum*.

Rhaphidostegium caespitosum (Sw.) A. Jaeger = *Sematophyllum caespitosum*.

Rhaphidostegium caespitosoides Broth. = *Sematophyllum aberrans* fide Robinson 1975.

Rhaphidostegium callidum (Mont.) A. Jaeger = *Rhaphidorrhynchium callidum*.

Rhaphidostegium dendrologotrichum Dusén = *Rhaphidorrhynchium dendrologotrichum*.

Rhaphidostegium leucocytus (Müll. Hal.) A. Jaeger = *Warburgiella leucocytus*.

Rhaphidostegium masafuerae Broth. = *Sematophyllum masafuerae*.

Rhaphidostegium noduliferum (Mitt.) A. Jaeger = *Rhaphidorrhynchium noduliferum*.

Rhaphidostegium pallens Dusén, *nom. nud.*, *Hypnum pallens* fide Cardot 1908, *hom. illeg.*

Rhaphidostegium patagonicum Dusén, *nom. nud.*, Dusén 1903b.

Rhaphidostegium patagonicum Broth., *nom. nud.*, Cardot & Brotherus 1923.

Rhaphidostegium polytrichadelphus Dusén, *nom. nud.* = *Rhaphidorrhynchium dendrologotrichum* fide Brotherus 1925.

Rhaphidostegium scorpiurus (Mont.) A. Jaeger = *Rhaphidorrhynchium scorpiurus*.

Rhaphidostegium secundifolium (Müll. Hal.) A. Jaeger = *Drepanocladus secundifolius*.

Rhaphidostegium strictipes Dusén, *nom. nud.*, Dusén 1903b.

Rhaphidostegium tristifolium Dusén, *nom. nud.*, Dusén 1903b.

Rhaphidostichum gunckeli Thér. = *Sematophyllum gunckelii*.

Rhexophyllum subnigrum (Mitt.) Hilp.

Cano 2003. **Dist.** XV. Parinacota.

Rhizogonium lindigii Hampe = *Rhizogonium novae-hollandiae* fide Churchill & Linares 1995b.

Rhizogonium longicolle Müll. Hal. = *Pyrrhobryum mnioides* fide Matteri & Piñero 1987.

Rhizogonium mnioides (Hook.f.) Wilson = *Pyrrhobryum mnioides*.

Rhizogonium novae-hollandiae (Brid.) Brid.

Tropicos 2009; Matteri & Piñero 1987; Espinosa 1941; He 1998; Matteri & Schiavone 2002; Robinson 1975; Deguchi 1991b (as *Rhizogonium lindigii*, Herzog 1960; as *Rhizogonium novae-hollandiae* var. *patagonicum*, Cardot & Brotherus 1923; Brotherus 1924b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Magallanes, Tierra del Fuego; Juan Fernández Is.

Rhizogonium novae-hollandiae var. *patagonicum* Cardot & Broth. = *Rhizogonium novae-hollandiae* fide Matteri & Piñero 1987.

Rhizogonium reticulatum (Hook.f. & Wilson) Mitt. = *Philonotis vagans* fide Greene 1986.

Rhizogonium subbasilare (Hook.f.) Schimp. = *Goniobryum subbasilare*.

Rhodobryum chilensis Thér. = *Bryum rubromarginatum* fide Ochi 1982.

Rhynchostegiella acanthophylla (Mont.) Broth. = *Eurhynchiella acanthophylla*.

Rhynchostegiella acanthophylla var. *robusta* Thér. = *Eurhynchiella acanthophylla* var. *robusta*.

Rhynchostegiella chilensis Thér.

He 1998; Thériot 1934b; Mahu 1981. **Dist.** V. Valparaíso; RM. Santiago.

Rhynchostegium byssiadum Dusén, *nom. nud.*, Dusén 1903b.

Rhynchostegium complanum (Mitt.) A. Jaeger

Larraín 2007b; Espinosa 1941; He 1998; Brotherus 1924b; Herzog 1954, 1960; Bartram 1957; Robinson 1975 (as *Hypnum complanum*, Mitten 1869). **Dist.** IV. Limarí; RM. Santiago; VIII. Concepción; XIV. Valdivia/Ranco; X. Chiloé; Juan Fernández Is.

Rhynchostegium mollissimum Dusén, *nom. nud.*, Dusén 1903b.

Rhynchostegium peruvienne (R.S. Williams) Ochyra

(as *Hygrohypnum peruvienne*, Bartram 1943). **Dist.** III. Huasco.

Rhynchostegium subsquarrosum Herzog = *Eurhynchium corralense* fide Wijk et al. 1967.

Rhynchostegium tenuifolium (Hedw.) Reichardt

He 1998; Brotherus 1924b; Herzog 1954; Robinson 1975 (as *Hypnum tenuifolium*, Mitten 1869). **Dist.** RM. Santiago; XIV. Valdivia/Ranco; X. Osorno; Juan Fernández Is.

Richardsiopsis lacustris (Herzog & Rich.) Ochyra = *Drepanocladus perplicatus* fide Hedenäs 2003.

Rigodium adpressum Zomlefer

Tropicos 2009; Buck 2002; He 1998; Zomlefer 1993; Villagran et al. 2004. **Dist.** IV. Choapa, Limarí; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes.

Rigodium arborescens (Müll. Hal.) Kindb. = *Rigodium brachypodium* fide Zomlefer 1993.

Rigodium argenticum (Müll. Hal.) Kindb. = *Rigodium toxarion* fide Zomlefer 1993.

Rigodium brachypodium (Müll. Hal.) Paris

Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Buck 2002; Larraín 2005; Villagran et al. 2003, 2004; He 1998; Bartram 1952; Zomlefer 1993 (as *Rigodium arborescens*, Hässel et al. 1984; Espinosa 1941; Thériot 1917, 1918; Brotherus 1924b; Roivainen 1934; Herzog 1954, 1960; Bartram 1957; Robinson 1975; Matteri 1985b; as *Rigodium lechleri*, Herzog 1922). **Dist.** IV. Choapa, Limarí; V. Petorca, Valparaíso; RM. Santiago; VI. Cardenal Caro; VII. Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza; Juan Fernández Is.

Rigodium carnosulum Dusén, *nom. nud.*, Dusén 1903b.

Rigodium elegantulum Cardot ex Thér., *nom. nud.* = *Rigodium tamarix* fide Zomlefer 1993.

Rigodium hylocomioides Cardot & Broth. = *Rigodium pseudothuidium* fide Zomlefer 1993.

Rigodium hylocomioides var. *gracilius* Cardot & Broth. = *Rigodium pseudothuidium* fide Zomlefer 1993.

Rigodium implexum Kunze ex Schwägr.

Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Deguchi 1991b; Zomlefer 1993; Frahm 2001b. **Dist.** VIII. Concepción; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Rigodium lechleri Schimp. = *Rigodium brachypodium* fide Zomlefer 1993.

Rigodium looseri Thér. = *Rigodium toxarion* var. *robustum* fide Zomlefer 1993.

Rigodium nano-fasciculatum Müll. Hal. ex Thér. = *Rigodium toxarion* fide Robinson 1975; Zomlefer 1993.

Rigodium pendulum Herzog & Thér. = *Rigodium toxarion* fide Zomlefer 1993.

Rigodium pseudothuidium Dusén

Larraín 2007b; Pereira et al. 2006; Larraín 2005; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Dusén 1905a; Cardot 1908; Herzog 1954, 1960; Seki 1974; Deguchi 1991b; Zomlefer 1993 (as *Rigodium hylocomioides*, Barrera 2006; Cardot & Brotherus 1923; Brotherus 1924b; Thériot 1926; Herzog & Schwabe 1939; Herzog 1960; Robinson 1975; as *Rigodium hylocomioides* var. *gracilius*, Cardot & Brotherus 1923). **Dist.** IV. Choapa; V. Petorca; VII. Curicó, Talca; VIII. Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Magallanes, Tierra del Fuego; Juan Fernández Is.

Rigodium robustum Broth. = *Rigodium toxarion* var. *robustum*.

Rigodium tamarix Müll. Hal.

Tropicos 2009; Larraín 2007b; Schaumann 2005; He 1998; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934; Thériot 1934b; Seki 1974; Zomlefer 1993 (as *Rigodium elegantulum*, Thériot 1934b). **Dist.** IV. Choapa, Limarí; V. Petorca, San Antonio; VI.

Colchagua; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Rigodium toxarion (Schwägr.) A. Jaeger

Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Larraín 2005; Espinosa 1941; Muñoz & Pisano 1947; Villagran et al. 2003; Schaumann 2005; He 1998; Müller & Pereira 2006; Dusén 1903b; Cardot 1908; Brotherus 1924a, 1924b; Roivainen 1934; Herzog & Schwabe 1939; Herzog 1954, 1960; Bartram 1957; Robinson 1975; Deguchi 1991b; Zomlefer 1993 (as *Rigodium argentinicum*, Seki 1974; as *Rigodium nano-fasciculatum*, Dusén 1903b; Thériot 1918; Seki 1974; as *Rigodium pendulum*, Herzog & Schwabe 1939; Herzog 1954; Seki 1974; as *Hypnum toxarion*, Mitten 1869). **Dist.** IV. Choapa, Limarí; V. Petorca, Valparaíso; VI. Cardenal Caro; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; Juan Fernández Is.

Rigodium toxarion var. ***robustum*** (Broth.) Zomlefer

Zomlefer 1993 (as *Rigodium looseri*, Barrera 2006; Thériot 1927a, 1928; as *Rigodium robustum*, Brotherus 1924b; Bartram 1957; Robinson 1975). **Dist.** Juan Fernández Is.

Sagenotortula quitoensis (Taylor) R.H. Zander

Zander 1989 (as *Tortula mniadelphus*, Thériot 1923; as *Tortula quitoensis*, Mishler in Sharp et al. 1994). **Dist.** RM. Santiago.

Saitobryum lorentzii (Müll. Hal.) Ochyra

Cano 2003. **Dist.** XV. Parinacota.

Sanionia symmetrica (Renauld & Cardot) Wheldon

Ireland et al. 2007 (as *Hypnum symmetricus*, Cardot 1908; as *Hypnum uncinatum* var. *symmetricus*, Dusén 1903b; as *Amblystegium uncinatum* var. *symmetricus*, Dusén 1903b; as *Drepanocladus symmetricus*, Cardot & Brotherus 1923). **Dist.** VIII. Ñuble; XI. Aisén.

Sanionia uncinata (Hedw.) Loeske

Goffinet et al. 2006; Larraín 2007b; Buck 2002; Larraín 2007a; Ireland et al. 2007; Schaumann 2005; He 1998; Ochyra & Matteri 2001; Matteri & Schiavone 2002; Seki 1974; Deguchi 1991a (as *Drepanocladus uncinatus*, Hässel et al. 1984; Cardot & Brotherus 1923; Roivainen 1934; Herzog & Schwabe 1939; Herzog 1954; Matteri 1985b; as *Hypnum austrouncinatum*, Dusén 1903b; as *Hypnum uncinatum*, Dusén 1903b; as *Drepanocladus uncinatus* var. *stenocarpus*, Barrera 2006). **Dist.** VIII. Biobío, Ñuble; IX. Cautín, Malleco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Sarconeureum antarcticum Bryhn = *Syntrichia sarconeureum* fide Ochyra et al. 2008.

Sarconeureum glaciale (Müll. Hal.) Cardot & Bryhn = *Syntrichia sarconeureum* fide Ochyra & Zander 2007.

Sarmentypnum sarmentosum (Wahlenb.) Tuom. & T.J. Kop. ≡ *Warnstorfia samentosa*.

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

Müller 2009; Hässel et al. 1984; Buck 2002; Buck 2004; Matteri & Schiavone 2002; Bartram 1946; Matteri 1972, 1985b; Deguchi 1991a (as *Pulvinella albicans*, Herzog 1928). **Dist.** X. Llanquihue; XI. Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Schimperobryum splendidissimum (Mont.) Margad. var. ***splendidissimum***

Tropicos 2009; Larraín 2007b; Larraín 2005; Villagran et al. 2003; He 1998; Müller & Pereira 2006; Matteri 1972 (as *Lepidopilum splendidissimum*, Mitten 1869; as *Cyathophorum splendidissimum*, Dusén 1903b; Cardot 1908; as *Lamprophyllum splendidissimum*, Espinosa 1941; Herzog 1922, 1954; Cardot & Brotherus 1923; Thériot 1924, 1927a; Brotherus 1924b; Reimers 1926; Herzog & Hosseus 1938; Bartram 1957; Robinson 1975). **Dist.** V. Valparaíso; RM. Chacabuco, Santiago; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; Juan Fernández Is.

Schimperobryum splendidissimum (Mont.) Margad. var. ***perdentatum*** Matteri

Villagran et al. 2003; Matteri 1972; Deguchi 1991a. **Dist.** VIII. Concepción; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén.

Schistidium absconditum (Cardot) Ochyra = *Schistidium praemorsum* fide Ochyra et al. 2008.

Schistidium amblyophyllum (Müll. Hal.) Ochyra & Hertel

Ochyra et al. 2008; Matteri & Schiavone 2002; Herzog 1960; Ochyra & Hertel 1990 (as *Grimmia amblyophylla*, Mitten 1869; Dusén 1903b, 1906b; Cardot 1908; Bartram 1952; as *Grimmia hyalinocuspadata*, Cardot & Brotherus 1923; as *Schistidium donatii*, Ochyra & Matteri 1996; as *Grimmia donatii*, Herzog 1937). **Dist.** XIV. Valdivia/Ranco; XI. Capitán Prat; XII. Antártica Chilena, Magallanes.

Schistidium andinum (Mitt.) Herzog

Ochyra et al. 2008 (as *Schistidium syntrichiaceum*, Hässel et al. 1984; Matteri 1985b; Matteri & Schiavone 2002; as *Schistidium occultum*, Buck 2002; Ochyra 1998; Matteri & Schiavone 2002; as *Grimmia occulta*, Dusén 1906b; Cardot & Brotherus 1923; as *Schistidium fallax*, Matteri & Schiavone 2002; Ochyra & Matteri 1996; as *Grimmia fallax*, Dusén 1903b, 1906b; Cardot 1908; Thériot 1924). **Dist.** XIV. Valdivia/Ranco; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Schistidium apocarpum (Hedw.) Bruch & Schimp.

Tropicos 2009; Hässel et al. 1984; He 1998; Deguchi 1984; Matteri 1985b (as *Grimmia apocarpa*, Mitten 1869; Dusén 1903b; Cardot 1908; Roivainen 1934; as *Grimmia perplexa*, Thériot 1923, 1934b). **Dist.** V. San Antonio, Valparaíso; RM. Santiago; VI. Cardenal Caro; VII. Linares; VIII. Biobío, Ñuble; IX. Cautín; XII. Antártica Chilena, Magallanes, Última Esperanza.

Schistidium celatum (Cardot) B.G. Bell. = *Schistidium cupulare* fide Ochyra 2004b.

Schistidium cupulare (Müll. Hal.) Ochyra

Ochyra 2004b (as *Schistidium celatum*, Buck 2002). **Dist.** XII. Antártica Chilena.

Schistidium donatii (Herzog & Thér.) Ochyra & Matteri = *Schistidium amblyophyllum* fide Ochyra et al. 2008.

Schistidium falcatum (Hook.f. & Wilson) B. Bremer

Ochyra et al. 2008; Matcham et al. 2007; Buck 2002; Ireland et al. 2007; He 1998; Müller & Pereira 2006; Matteri & Schiavone 2002; Deguchi 1984, 1991a (as *Grimmia fasciculata*, Dusén 1905a, 1906b). **Dist.** VII. Cauquenes; VIII. Biobío, Ñuble; X. Osorno; XII. Antártica Chilena, Magallanes, Última Esperanza.

Schistidium fallax (Dusén) Ochyra & Matteri = *Schistidium andinum* fide Ochyra et al. 2008.

Schistidium halinae Ochyra

NY 2009. **Dist.** XII. Antártica Chilena (*Buck 40920 & 41249*, NY).

Schistidium hyalinocuspdatum (Müll. Hal.) B.G. Bell = *Schistidium amblyophyllum* fide Ochyra 1998.

Schistidium occultum (Müll. Hal.) Ochyra & Matteri = *Schistidium andinum* fide Ochyra et al. 2008.

Schistidium perplexum (Thér.) Ochyra

Muñoz & Pando 2000. **Dist.** RM. Santiago.

Schistidium praemorsum (Müll. Hal.) Herzog

Ochyra et al. in Blockeel et al. 2009 (as *Schistidium absconditum*, Buck 2002). **Dist.** XII. Antártica Chilena.

Schistidium rivulare (Brid.) Podp.

Tropicos 2009; Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Matteri 1985b (as *Grimmia alpicola*, Cardot & Brotherus 1923; as *Grimmia alpicola* var. *rivularis*, Roivainen 1934). **Dist.** VIII. Biobío, Concepción, Ñuble; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Schistidium scabripes (E.B. Bartram) Deguchi

Deguchi 1984, Deguchi 1991a (as *Grimmia scabripes*, Roivainen 1934; Bartram 1946). **Dist.** VIII. Ñuble; IX. Cautín; XII. Tierra del Fuego.

Schistidium syntrichiaceum (Müll. Hal.) B. G. Bell = *Schistidium andinum* fide Ochyra et al. 2008.

Schizomitrium pallidum (Hornsch.) H.A. Crum & L.E. Anderson ≡ *Callicostella pallida*.

Schizymerium brevicale (Hornsch.) A.J. Shaw & S.P. Churchill

- (as *Mielichhoferia brevicaulis*, Mitten 1869). **Dist.** Chile, without exact locality (leg. C. Gay).
- Schizymenium campylocarpum*** (Arn. & Hook.) A.J. Shaw
Matteri & Schiavone 2002 (as *Mielichhoferia campylocarpa*, Hässel et al. 1984; Matteri 1985b; as *Mielichhoferia spegazzinii*, Brotherus 1924c). **Dist.** XII. Magallanes, Última Esperanza.
- Schizymenium fulvonitens*** (Cardot & Broth.) A.J. Shaw
Matteri & Schiavone 2002 (as *Mielichhoferia fulvonitens*, Cardot & Brotherus 1923). **Dist.** XII. Tierra del Fuego.
- Schizymenium multiflorum*** (E.B. Bartram) A.J. Shaw
(as *Mielichhoferia multiflora*, Roivainen 1934; Robinson 1975). **Dist.** VIII. Ñuble; XII. Tierra del Fuego.
- Schizymenium pleurogynum*** (Mont.) Matteri
Matteri 1998 (as *Mielichhoferia pleurogyna*, Mitten 1869; Thériot 1934b; Bartram 1952). **Dist.** RM. Santiago.
- Schizymenium skottsbergii*** (Cardot & Broth.) A.J. Shaw
Matteri & Schiavone 2002 (as *Mielichhoferia skottsbergii*, Cardot & Brotherus 1923). **Dist.** XII. Magallanes.
- Sciaromium confluens* (Müll. Hal.) Paris = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium conspissatum (Hook.f. & Wilson) Mitt. = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium conspissatum var. *maritimum* (Cardot) Herzog = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium crassinervatum Mitt. = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium depastum Dusén = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium flavidulum Dusén = *Eurhynchium fuegianum* fide Matteri & Ochyra 1989.
Sciaromium gracile Dusén = *Cratoneuropsis relaxa* subsp. *minor* fide Ochyra et al. 2008.
Sciaromium krauseanum Paris = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium lacustre Herzog & P.W. Richards = *Drepanocladus perplicatus* fide Hedenäs 2003.
Sciaromium maritimum Cardot = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium nigrum Dusén = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium obscurifolium Mitt. = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium pachyloma (Mont.) Paris = *Vittia pachyloma*.
Sciaromium pachyloma var. *brevifolia* Thér. = *Vittia pachyloma* fide Ochyra 1987b.
Sciaromium pachyloma var. *gracilescens* Herzog = *Vittia pachyloma* fide Ochyra 1987b.
- Sciuro-hypnum filirepens*** (Dusén) Ochyra & Żarnowiec
(as *Brachythecium filirepens*, Buck 2002; Dusén 1905a; Cardot 1908; McFarland 1988; Matteri & Schiavone 2002; as *Brachythecium longidecurrens*, Bartram 1946). **Dist.** XIV. Valdivia/Ranco; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego.
- Sciuro-hypnum fuegianum*** (Broth.) Ochyra & Żarnowiec
(as *Brachythecium majusculum*, Schaumann 2005; Frey & Schaumann 2002; Newton 1974; McFarland 1988; Matteri & Schiavone 2002; Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Sciuro-hypnum glaciale*** (Schimp.) Ignatov & Huttunen
Ochyra et al. 2008. **Dist.** XI. Aisén; XII. Antártica Chilena, Tierra del Fuego.
- Sciuro-hypnum plumosum*** (Hedw.) Ignatov & Huttunen
(as *Brachythecium plumosum*, McFarland 1988; as *Brachythecium flagellare*, Roivainen 1934; as *Brachythecium subpilosum*, Herzog 1922). **Dist.** VIII. Ñuble; X. Osorno; XII. Magallanes.
Scleropodium purum (Hedw.) Limpr. = *Pseudoscleropodium purum*.
- Scorpidium cossonii*** (Schimp.) Hedenäs
(as *Limprichtia cossonii*, Ochyra & Matteri 2001; Matteri & Schiavone 2002). **Dist.** XII. Tierra del Fuego, Última Esperanza.
- Scorpidium revolvens*** (Sw. ex anon.) Rubers
(as *Limprichtia revolvens*, Ochyra & Matteri 2001; Matteri & Schiavone 2002). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Scouleria patagonica*** (Mitt.) A. Jaeger

Tropicos 2009; He 1998; Dusén 1903b; Dusén 1906b; Cardot 1908; Thériot 1935; Herzog 1954, 1960; Seki 1974; Matteri 1979; Deguchi 1991a. **Dist.** VIII. Biobío, Ñuble; IX. Malleco; XIV. Valdivia; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén, Coihaique.

Sematophyllum aberrans (Broth.) E.B. Bartram

Ireland & Bellolio 2002; Bartram 1957; Robinson 1975 (as *Rhaphidostegium aberrans*, Barrera 2006; Espinosa 1941; Brotherus 1924b; as *Rhaphidostegium caespitosoides*, Barrera 2006; Espinosa 1941; Brotherus 1924b). **Dist.** Juan Fernández Is.; Easter I.

Sematophyllum amoenum (Hedw.) Mitt. ≡ *Rhaphidorrhynchium amoenum*.

Sematophyllum aureo-nitidum E.B. Bartram = *Rhaphidorrhynchium scorpiurus* fide Seki 1974.

Sematophyllum brachycladulum (Broth.) Broth.

Ireland & Bellolio 2002; Bartram 1957; Robinson 1975 (as *Rhaphidostegium brachycladulum*, Brotherus 1924b). **Dist.** Juan Fernández Is.; Easter I.

Sematophyllum caespitosum Mitt.

Robinson 1975 (as *Rhaphidostegium caespitosum*, Brotherus 1924b). **Dist.** Juan Fernández Is.

Sematophyllum callidum (Mont.) Mitt. ≡ *Rhaphidorrhynchium callidum*.

Sematophyllum gunckelii (Thér.) W.R. Buck

Buck 1989 (as *Rhaphidostichum gunckelii*, Thériot 1930). **Dist.** XIV. Valdivia/Ranco.

Sematophyllum kunkelii H. Rob.

Robinson 1975. **Dist.** Juan Fernández Is.

Sematophyllum leptophyllum Mitt. ≡ *Rhaphidorrhynchium leptophyllum*.

Sematophyllum leucocytum (Müll. Hal.) Sainsb. ≡ *Warburgiella leucocytus*.

Sematophyllum liliputianum (Mont.) Mitt. ≡ *Rhaphidorrhynchium liliputianum*.

Sematophyllum masafuerae (Broth.) E.B. Bartram

Bartram 1957; Robinson 1975 (as *Rhaphidostegium masafuerae*, Brotherus 1924b; as *Hypnum masafuerae*, Bartram 1957). **Dist.** Juan Fernández Is.

Sematophyllum noduliferum Mitt. ≡ *Rhaphidorrhynchium noduliferum*.

Sematophyllum secundifolium (Müll. Hal.) Mitt. ≡ *Drepanocladus secundifolius*.

Sematophyllum swartzii (Schwägr.) W.H. Welch & H.A. Crum

He 1998. **Dist.** IX. Cautín.

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

Müller & Pereira 2006 (as *Hypnum tenuirostre*, Mitten 1869; as *Rhaphidorrhynchium tenuirostre*, Brotherus 1925). **Dist.** VI. O'Higgins; VII. Cauquenes.

Skottsbergia paradoxa Cardot

Matteri & Schiavone 2002; Roivainen 1937. **Dist.** XII. Tierra del Fuego.

Sphagnum amblyphyllum (Russ.) Warnst. = *Sphagnum flexuosum* fide Smith 2004.

Sphagnum capillifolium (Ehrh.) Hedw.

Matcham et al. 2007; Larraín 2007a; Larraín 2005 (as *Sphagnum nemoreum*, Deguchi 1991b; as *Sphagnum acutifolium*, Larraín 2005; Villagran et al. 2003). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue.

Sphagnum cuspidatum Ehrh. ex Hoffm.

Tropicos 2009; Larraín 2005; Villagran et al. 2003; Cardot 1908; Cardot & Brotherus 1923; Thériot 1934b; Deguchi 1991b (as *Sphagnum cuspidatum* var. *falcatum*; Dusén 1903a, 1903b; Cardot 1908; *Sphagnum cuspidatum* var. *miquelonense* (Renauld & Cardot) Renauld & Cardot, Dusén 1903a; as *Sphagnum cuspidatum* var. *serrulatum* (Schlieph.) Schlieph., Matteri & Schiavone 2002; as *Sphagnum trinitense*, Cardot & Brotherus 1923; as *Sphagnum cuspidatum* var. *serratum*, Dusén 1903a; as *Sphagnum cuspidatum* var. *submersum*, Dusén 1903a). **Dist.** XIV. Valdivia/Ranco; X. Chiloé; XI. Aisén; XII. Antártica Chilena, Magallanes.

Sphagnum cuspidatum var. *falcatum* Russow = *Sphagnum cuspidatum* fide Crum 1984.

Sphagnum cymbifolium var. *condensatum* Hook.f., *hom. illeg.*, Dusén 1903b (XII. Magallanes).

Sphagnum dissimile Roiv.

Matteri & Schiavone 2002; Roivainen 1937. **Dist.** XII. Tierra del Fuego.

Sphagnum dusenioides Roiv.

Matteri & Schiavone 2002; Roivainen 1937. **Dist.** XII. Magallanes, Tierra del Fuego.

Sphagnum ehyalinum A.J. Shaw & Goffinet

Goffinet et al. 2006; Shaw & Goffinet 2000. **Dist.** XII. Magallanes.

Sphagnum falcatum Besch.

Díaz et al. 2008; Larraín 2007b; Hässel et al. 1984; Larraín 2005; Villagran et al. 2003; He 1998; Matteri & Schiavone 2002; Cardot & Brotherus 1923; Roivainen 1937; Seki 1974; Matteri 1985b; Deguchi 1991b; Warnstorf 1911 (as *Sphagnum undulatum*, Dusén 1903a; Warnstorf 1911; as *Sphagnum patagoniense*, Warnstorf 1911; Herzog & Schwabe 1939). **Dist.** IX. Malleco; XIV. Valdivia/Ranco; XI. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Sphagnum fimbriatum Wilson

Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; Shaw & Goffinet 2000; He 1998; Matteri & Schiavone 2002; Mitten 1869; Cardot 1900, 1901, 1908; Dusén 1903b; Roivainen 1937; Herzog & Schwabe 1939; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Sphagnum fimbriatum* var. *robustum*, Warnstorf 1911; Dusén 1903a, 1903b; Cardot & Brotherus 1923; Herzog & Schwabe 1939; as *Sphagnum fimbriatum* var. *robustum* fo. *brachyasyclada*, Dusén 1903a; Cardot 1908; as *Sphagnum fimbriatum* var. *robustum* fo. *laxifolia*, Dusén 1903a; as *Sphagnum fimbriatum* var. *validius*, Cardot 1908; Cardot & Brotherus 1923). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Sphagnum flexuosum Dozy & Molk.

(as *Sphagnum amblyphyllum*, Thériot 1934b). **Dist.** VIII. Ñuble.

Sphagnum magellanicum Brid.

Díaz et al. 2008; Goffinet et al. 2006; Larraín 2007b; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; Shaw & Goffinet 2000; He 1998; Matteri & Schiavone 2002; Roivainen 1937; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Sphagnum medium*, Cardot 1908; Warnstorf 1911; as *Sphagnum rigescens*, Warnstorf 1911; Dusén 1903a, 1903b; as *Sphagnum medium* var. *flavescens*, Warnstorf 1911; as *Sphagnum medium* var. *fuscobellum*, Dusén 1903a; *Sphagnum medium* var. *fuscobellum* fo. *brachydasyclada*, Dusén 1903a, 1903b; as *Sphagnum medium* var. *pallidocarneum* fo. *brachydasyclada*, Dusén 1903a, 1903b; *Sphagnum medium* var. *purpurascens*, Dusén 1903a; *Sphagnum medium* var. *purpurascens* fo. *brachylomatoclada*, Dusén 1903a). **Dist.** VIII. Arauco; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Sphagnum medium Limpr. = *Sphagnum magellanicum* fide Eddy 1977.

Sphagnum miradoreense Larraín, *nom. nud.*, Larraín 2005 (XIV. Valdivia/Ranco).

Sphagnum nemoreum Scop. = *Sphagnum capillifolium* fide Crum 1984.

Sphagnum patagoniense Warnst. = *Sphagnum falcatum* fide Wijk et al. 1967.

Sphagnum personatum Roiv.

Matteri & Schiavone 2002; Roivainen 1937. **Dist.** XII. Magallanes, Tierra del Fuego.

Sphagnum plumulosum Röhl = *Sphagnum subnitens* fide Crum 1984.

Sphagnum pulchricoma Müll. Hal. = *Sphagnum recurvum* fide Crum 1984.

Sphagnum recurvum P. Beauv.

Díaz et al. 2008; Larraín 2007b; Cardot 1908 (as *Sphagnum pulchricoma*, Mitten 1869; Herzog & Schwabe 1939). **Dist.** X. Chiloé, Llanquihue; XII. Antártica Chilena, Magallanes.

Sphagnum recurvum var. *brevifolium* (Lindb.) Warnst.

Ireland et al. 2007. **Dist.** VIII. Arauco.

Sphagnum rigescens Warnst. = *Sphagnum magellanicum* fide Crum 1990.

Sphagnum schwabeanum H.K.G. Paul

Herzog & Schwabe 1939. **Dist.** X. Llanquihue.

Sphagnum subfalcatum Roiv.

- Matteri & Schiavone 2002; Roivainen 1937; Deguchi 1991b. **Dist.** IX. Malleco; XII. Tierra del Fuego.
- Sphagnum subnitens** Russow & Warnst.
He 1998 (as *S. plumulosum*, Warnstorf 1911; Brotherus 1924; as *Sphagnum subnitens* var. *purpurascens*, Dusén 1903a). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Osorno; XI. Aisén.
- Sphagnum subrigidum** Hampe & Lorentz
Warnstorf 1911; Brotherus 1924c; Crum 1990. **Dist.** Chile, without exact locality.
- Sphagnum subsecundum** Nees
Larraín 2007b; He 1998. **Dist.** X. Chiloé, Llanquihue.
- Sphagnum subserratum** Roiv.
Matteri & Schiavone 2002; Roivainen 1937. **Dist.** XII. Tierra del Fuego.
- Sphagnum torreyanum** Sull.
Warnstorf 1911. **Dist.** XII. Tierra del Fuego.
Sphagnum trinitense Müll. Hal. = *Sphagnum cuspidatum* fide Griffin 1981.
Sphagnum undulatum Warnst. = *Sphagnum falcatum* fide Matteri & Schiavone 2002.
- Splachnobryum obtusum** (Brid.) Müll. Hal.
Arts 2001a. **Dist.** Chile, without exact locality.
- Splachnobryum valdiviae** Müll. Hal.
Brotherus 1924c. **Dist.** Chile, without exact locality. Note: The generic position is uncertain; the species was excluded from the genus but was not placed in another (Crosby et al. 1999).
Sporledera hampeana Müll. Hal. = *Bruchia hampeana*.
Stableria tenella (Mitt.) Broth. = *Orthodontium gracile* fide Robinson 1975.
Stenomitrium pentastichum (Mont.) Broth. = *Zygodon pentastichus*.
Stenomitrium robustulum Dusén ex Paris, *nom. nud.* = *Zygodon bartramioides* fide Calabrese 2006.
Stereodon lechleri (Müll. Hal.) Mitt. = *Hypnum chrysogaster* fide Ando 1972.
Stereodon nitidus (Hook.f. & Wilson) Mitt. = *Catagonium nitidum*.
Stereodon campoanus Thér. = *Hypnum campoanum*.
Stereophyllum fuegianum Besch. = *Brachythecium longidens* fide Wijk et al. 1967.
Stereophyllum seminerve (Kunze ex Schwägr.) Mitt. = *Juratzkaea seminervis* subsp. *seminervis*.
Stokesiella praelonga (Hedw.) H. Rob. = *Kindbergia praelonga*.
- Straminergon stramineum** (Dicks. ex Brid.) Hedenäs
(as *Calliargon stramineum*, Donat 1936). **Dist.** XI. Aisén.
Streptopogon mnioides (Schwägr.) Mitt. = *Calyptopogon mnioides*.
- Symblepharis fuegiana** (Cardot) Ochyra & Matteri
Matteri & Schiavone 2002; Ochyra & Matteri 1996 (as *Oncophorus fuegianus*, Frahm et al. 1998; Cardot 1900, 1901, 1908; Dusén 1903b; Brotherus 1924b; Bartram 1957; Robinson 1975; Matteri 1985b). **Dist.** X. Llanquihue; XI. Aisén; XII. Magallanes, Tierra del Fuego; Juan Fernández Is.
- Symblepharis krausei** (Lorentz) Ochyra & Matteri
Buck 2002; Ireland et al. 2007; Müller & Pereira 2006; Ochyra & Matteri 1996 (as *Anisothecium krausei*, Herzog & Schwabe 1939; Herzog 1954). **Dist.** VII. Cauquenes; VIII. Arauco; XIV. Valdivia/Ranco; X. Osorno; XI. Aisén; XII. Antártica Chilena.
- Symblepharis luteovirens** (E.B. Bartram) Ochyra & Matteri
Matteri & Schiavone 2002; Ochyra & Matteri 1996 (as *Oncophorus luteo-virens*, Ireland et al. 2007; Roivainen 1937; Frahm et al. 1998). **Dist.** VIII. Arauco; XII. Magallanes, Tierra del Fuego.
Syntrichia anderssonii (Ångström) R.H. Zander = *Syntrichia glacialis* fide Müller 2009.
Syntrichia anderssonii (Ångström) R.H. Zander var. *fagicola* (Müll. Hal.) R.H. Zander = *Syntrichia glacialis* fide Matteri 2003a.
- Syntrichia antarctica** (Hampe) R.H. Zander
Matcham et al. 2007; Matteri & Schiavone 2002. **Dist.** XII. Última Esperanza.
Syntrichia apiculatopilosa Dusén, *nom. nud.* = *Pseudocrossidium crinitum* fide Müller 2009.
- Syntrichia bogotensis** (Hampe) Mitt. ex R.H. Zander
Gallego & Cano 2007b. **Dist.** IV. Elqui.

- Syntrichia brachyclada* (Cardot) R.H. Zander
Matteri & Schiavone 2002 (as *Tortula brachyclada*, Hässel et al. 1984). **Dist.** XII. Magallanes, Última Esperanza.
- Syntrichia breviseta* (Mont.) M.J. Cano & M.T. Gallego
(as *Tortula atrata*, Thériot 1921; as *Tortula breviseta*, Mitten 1869; Thériot 1923; Herzog & Hosseus 1938). **Dist.** V. Valparaíso; RM. Santiago; VIII. Biobío.
- Syntrichia campestris* (Dusén) R.H. Zander
Matteri & Schiavone 2002; Zander 1993 (as *Tortula campestris*, Dusén 1906a; Thériot 1921; Bartram 1952; Seki 1974). **Dist.** RM. Cordillera; XI. Aisén, Coihaique; XII. Magallanes.
- Syntrichia costesii* (Thér.) R.H. Zander
Müller 2009; Larraín 2007a; Schaumann 2005; Herzog 1954; Zander 1993; Frey & Schaumann 2002 (as *Tortula costesii*, Thériot 1921; Herzog & Hosseus 1938). **Dist.** V. Valparaíso; VII. Cauquenes; IX. Cautín; X. Chiloé, Osorno; XII. Magallanes.
Syntrichia crispatula Müll. Hal. = *Calyptopogon mnioides* (Schwägr.) Broth. fide Wijk et al. 1959.
Syntrichia didymodontoides (Broth.) R.H. Zander = *Syntrichia saxicola* fide Ochyra et al. 2008.
- Syntrichia epilosa* (Broth. ex Dusén) R.H. Zander var. *epilosa*
Ireland et al. 2007; He 1998; Zander 1993 (as *Tortula epilosa*, Dusén 1906a; Thériot 1934b). **Dist.** V. Valparaíso; RM. Santiago; VIII. Arauco, Concepción, Ñuble.
- Syntrichia epilosa* var. *pilifera* (Thér.) R.H. Zander
Zander 1993 (as *Tortula epilosa* var. *pilifera*, Thériot 1926). **Dist.** RM. Santiago; VI. Colchagua.
- Syntrichia filaris* (Müll. Hal.) R.H. Zander
Ochyra et al. 2008; Matteri & Schiavone 2002. **Dist.** XII. Magallanes.
- Syntrichia flagellaris* (Schimp.) R.H. Zander
(as *Barbula flagellaris*, Dusén 1903b, 1906a; Thériot 1917; Herzog 1922; as *Tortula flagellaris*, Espinosa 1941; Mitten 1869; Thériot 1921; Brotherus 1924a, 1924b; Robinson 1975; as *Tortula contorta*, Mitten 1869). **Dist.** V. Valparaíso; RM. Santiago; XIV. Valdivia/Ranco; XI. Aisén; XII. Magallanes; Juan Fernández Is.
Syntrichia flavidopilosa Dusén, *nom. nud.* = *Pseudocrossidium crinitum* fide Müller 2009.
- Syntrichia fontana* (Müll. Hal.) R.H. Zander
Müller 2009 (as *Tortula rivularis*, Cardot & Brotherus 1923; Dusén 1906; Cardot 1908). **Dist.** XI. Coihaique; XII. Magallanes, Tierra del Fuego, Última Esperanza.
- Syntrichia fragilis* (Taylor) Ochyra
Cano 2003 (as *Tortula laevinervis*, Dusén 1906b; Villagran et al. 2004). **Dist.** XV. Parinacota; IV. Limarí; V. Valparaíso.
Syntrichia fuegiana Mitt. = *Syntrichia magellanica* fide Lightowlers 1985.
- Syntrichia geheebiaeopsis* (Müll. Hal.) R.H. Zander
Matcham et al. 2007; Buck 2002; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena, Magallanes.
- Syntrichia glacialis* (Kunze ex Müll. Hal.) R.H. Zander
Müller 2009 (as *Tortula glacialis*, Mitten 1869; as *Syntrichia anderssonii*, Tropicos 2009; Matcham et al. 2007; Buck 2002; Schaumann 2005; Matteri & Schiavone 2002; Herzog 1954; Zander 1993; as *Barbula anderssonii*, Cardot 1900, 1901; Dusén 1903b; as *Barbula perrubiginosa*, Dusén 1903b; as *Tortula anderssonii*, Hässel et al. 1984; Dusén 1906a; Cardot 1908; Cardot & Brotherus 1923; Roivainen 1934; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b; *Tortula perrubiginosa*, Paris 1903-1906; as *Tortula pseudolatifolia*, Hässel et al. 1984; Matteri & Schiavone 2002; Dusén 1906a; Cardot 1908; Seki 1974; Matteri 1985b). **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; X. Llanquihue, Palena; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Syntrichia gromschii* (Thér.) R.H. Zander
(as *Tortula gromschii*, Thériot 1934b). **Dist.** XII. Última Esperanza.

Syntrichia jaffueli (Thér.) R.H. Zander = *Tortula jaffueli*.

Syntrichia laevipila Brid.

Matcham et al. 2007; Ireland et al. 2007. **Dist.** VIII. Arauco, Concepción; XII. Magallanes.

Syntrichia lingulaefolia (Cardot & Broth.) Herzog, *hom. illeg.* = *Henediella arenae* fide Lightowlers 1985.

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

Ochyra & Zander 2007 (as *Syntrichia pygmaea*, Matcham et al. 2007; as *Tortula lithophila*, Dusén 1906a; Seki 1974; Deguchi 1991b). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego.

Syntrichia magellanica (Mont.) R.H. Zander

Müller 2009; Ochyra et al. 2008; Matcham et al. 2007; Matteri & Schiavone 2002; Zander 1993 (as *Barbula lechleri*, Dusén 1903b; as *Tortula lechleri*, Herzog 1922; as *Barbula pusilla*, Dusén 1903b; as *Tortula pusilla*, Bartram 1952; as *Tortula brachypelma*, Dusén 1905a; as *Tortula magellanica*, Cardot 1908; as *Tortula fuegiana*, Dusén 1906a; Cardot 1908; Herzog 1922; as *Tortula monoica*, Hässel et al. 1984). **Dist.** XI. Coihaique; XII. Magallanes, Tierra del Fuego, Última Esperanza.

Syntrichia marginatoserrata Dusén, *nom. nud.* = *Syntrichia serrulata* fide Müller 2009.

Syntrichia micro-runcinata Dusén, *nom. nud.* = *Leptodontium longicaule* var. *microruncinatum* fide Müller 2009.

Syntrichia mniadelphus (Müll. Hal.) Herzog var. *cochlearifolia* Herzog

Herzog 1954 (as *Tortula mniadelphus* var. *cochlearifolia*, Seki 1974). **Dist.** XI. Aisén. Note: *Syntrichia mniadelphus* is a synonym of *Sagenotortula quitoensis* (Taylor) R.H. Zander, but the status of this variety is uncertain and need verification.

Syntrichia muricata M.T. Gallego & Cano

Gallego & Cano 2007a. **Dist.** IV. Elqui, Limarí.

Syntrichia papillosa (Wilson) Jur. var. *papillosa*

NY 2009; Tropicos 2009; Müller 2009; Ireland et al. 2007; Matteri & Schiavone 2002; Matteri 1994; Herzog 1954 (as *Tortula papillosa*, Hässel et al. 1984; Dusén 1905a; Dusén 1906a; Cardot 1908; Thériot 1921; Deguchi 1991b). **Dist.** V. Aconcagua; VII. Talca; VIII. Arauco, Concepción; X. Llanquihue; XII. Antártica Chilena, Magallanes, Última Esperanza.

Syntrichia papillosa var. *chilensis* (Thér.) R.H. Zander

Matteri 1994 (as *Tortula papillosa* var. *chilensis*, Thériot 1921). **Dist.** V. Valparaíso.

Syntrichia princeps (De Not.) Mitt.

Cano & Gallego 2008; Matcham et al. 2007; Buck 2002; Matteri & Schiavone 2002 (as *Tortula princeps*, Hässel et al. 1984; Mitten 1869; Seki 1974; as *Tortula grossiretis*, Cardot 1908; Thériot 1918; Cardot & Brotherus 1923; Bartram 1952; as *Tortula chrysopila*, Cardot 1908). **Dist.** V. Valparaíso; IX. Malleco; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza. Note: The species was excluded by Ochyra et al. (2008) from the Southern Hemisphere. All the records from the area must therefore belong to other species.

Syntrichia prostrata (Mont.) R.H. Zander = *Syntrichia serrulata* fide Gallego et al. 2009.

Syntrichia pseudolatifolia (Cardot) Cano & M.T. Gallego = *Syntrichia glacialis* fide Müller 2009.

Syntrichia pseudorobusta (Dusén) R.H. Zander

Pereira et al. 2006; Herzog 1954; Zander 1993 (as *Tortula pseudo-robusta*, Dusén 1906a; Thériot 1921; Herzog & Hosseus 1938; Herzog & Schwabe 1939). **Dist.** VII. Talca; VIII. Arauco, Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; X. Llanquihue; XI. Aisén.

Syntrichia pygmaea (Dusén) R.H. Zander = *Syntrichia lithophila* fide Ochyra & Zander 2007.

Syntrichia robusta (Hook. & Grev.) R.H. Zander

Buck 2002; Schaumann 2005; Matteri & Schiavone 2002; Herzog 1954; Zander 1993 (as *Barbula robusta*, Dusén 1903b; as *Tortula robusta*, Hässel et al. 1984; Mitten 1869; Paris 1903-1906; Dusén 1906a; Cardot & Brotherus 1923; Herzog & Schwabe 1939; Seki 1974; Matteri 1985b; Deguchi 1991b; as *Tortula robusta* var. *laxa*, Roivainen 1934; Bartram 1946; as *Tortula robusta* var. *runcinata*, Cardot & Brotherus 1923; as *Tortula punctulata*, Mitten 1869). **Dist.** IV. Limarí; VIII. Ñuble; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

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

- Müller 2009; Cano & Gallego 2008; Schaumann 2005 (as *Barbula ruralis*, Cardot 1900, 1901; as *Tortula bullata*, Herzog 1923). **Dist.** VII. Talca; XII. Magallanes, Última Esperanza.
- Syntrichia saxicola*** (Cardot) R.H. Zander
Ochyra et al. 2008; Buck 2002; Matteri & Schiavone 2002; Zander 1993 (as *Tortula saxicola*, Seki 1974). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes.
- Syntrichia scabrella*** (Dusén) R.H. Zander
Ireland et al. 2007; Zander 1993 (as *Tortula scabrella*, Dusén 1906b). **Dist.** VI. Colchagua; VIII. Concepción, Ñuble.
- Syntrichia scabrinervis*** (Müll. Hal.) R.H. Zander
Herzog 1954; Zander 1993 (as *Tortula scabrinervis*, Mitten 1869; Brotherus 1924b; Bartram 1957; Robinson 1975). **Dist.** II. Antofagasta; IV. Limarí; V. Valparaíso; Juan Fernández Is.
- Syntrichia schnyderi*** (Müll. Hal.) R.H. Zander
Zander 1993 (as *Tortula schnyderi*, Dusén 1906a; Cardot 1908). **Dist.** XII. Magallanes.
- Syntrichia serripungens*** (Lorentz & Müll. Hal.) R.H. Zander
Herzog 1954; Zander 1993. **Dist.** V. Aconcagua.
- Syntrichia serrulata*** (Hook. & Grev.) M.J. Cano
(as *Hennediella serrulata*, Matteri & Schiavone 2002; Zander 1993; as *Tortula serrulata*, Mitten 1869; Bartram 1952; as *Syntrichia prostrata*, Tropicos 2009; Zander 1993; as *Tortula prostrata*, Mitten 1869; Dusén 1906a; Thériot 1915, 1928; Herzog & Hosseus 1938; Bartram 1952; Herzog 1960). **Dist.** VII. Cauquenes, Linares; VIII. Biobío, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Osorno; XII. Magallanes, Tierra del Fuego.
- Syntrichia socialis*** (Dusén) R.H. Zander
Zander 1993 (as *Tortula socialis*, Dusén 1906b). **Dist.** X. Llanquihue; XII. Magallanes.
- Syntrichia squarripila*** (Thér.) Herzog
Herzog 1954, 1960 (as *Tortula squarripila*, Thériot 1917; Bartram 1952). **Dist.** V. Aconcagua, Valparaíso.
- Syntrichia subpapillosa*** (Cardot & Broth.) Matteri
Matcham et al. 2007; Buck 2002; Buck 2005a; Matteri & Schiavone 2002; Matteri 1994 (as *Tortula subpapillosa*, Cardot & Brotherus 1923). **Dist.** XII. Antártica Chilena, Magallanes.
Syrhopodon fasciculatus Hook.f. & Grev. = *Mitthyridium fasciculatum*.
- Tayloria dubyi*** Broth. var. *dubyi*
Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Buck 2005a; Matteri & Schiavone 2002; Cardot 1908; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Hymenocleiston magellanicum*, Dusén 1903b). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Tayloria dubyi*** var. *edenensis* (Besch.) Paris
Cardot 1908 (as *Hymenocleiston magellanicum* var. *edenense*, Dusén 1903b). **Dist.** XII. Magallanes.
- Tayloria magellanica*** (Brid.) Mitt. var. *magellanica*
Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Buck 2005a; Matteri 1993; Matteri & Schiavone 2002; Mitten 1869; Cardot 1908; Cardot & Brotherus 1923; Matteri 1985b (as *Dissodon magellanicum*, Cardot 1900; Dusén 1903b). **Dist.** XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Tayloria magellanica*** var. *gigantea* E.B. Bartram
Matteri & Schiavone 2002; Bartram 1946. **Dist.** XII. Tierra del Fuego.
- Tayloria mirabilis*** (Cardot) Broth.
Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Buck 2002; Buck 2005b; Schaumann 2005; He 1998; Matteri & Schiavone 2002; Cardot 1908; Cardot & Brotherus 1923; Matteri 1985b (as *Dissodon mirabilis*, Cardot 1900). **Dist.** IX. Cautín, Malleco; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.
- Tayloria stenophysata*** (Herzog) A.K. Kop.

Larraín 2007b; Hässel et al. 1984; He 1998; A. Koponen 1977; Matteri 1985b (as *Tetraplodon stenophysatus*, Herzog & Schwabe 1939; Deguchi 1991b). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XII. Magallanes, Última Esperanza.

Tetraplodon fuegianus Besch. = *Tetraplodon mnioides* fide A. Koponen 1982.

Tetraplodon mnioides (Hedw.) Bruch & Schimp.

Díaz et al. 2008; Larraín 2007a; Robinson 1964; Deguchi 1991b (as *Tetraplodon fuegianus*, Buck 2002, 2005a; Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2007; Dusén 1903b; Cardot 1908; Seki 1974; Matteri 1985b; Matteri 1993; Matteri & Schiavone 2002). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Tetraplodon stenophysatus Herzog = *Tayloria stenophysata*.

Tetrapterum recurvirostrum (Müll. Hal.) Broth. = *Weissia diffidentia* fide Zander 1993.

Tetrodontium brownianum (Dicks.) Schwägr.

He 1998; Mahu 1985. **Dist.** IX. Cautín.

Thamniopsis incurva (Hornsch.) W.R. Buck

(as *Hookeriopsis incurva*, Matteri 1972). **Dist.** VIII. Concepción.

Thamnium arbusculans (Müll. Hal.) A. Jaeger = *Porothamnium arbusculans*.

Thamnium assimile Broth. = *Thamnobryum rigidum* fide Robinson 1975.

Thamnium carolii Broth. = *Thamnobryum caroli*.

Thamnium confertum Mitt. = *Thamnobryum confertum*.

Thamnium corralense Broth., nom. herb. = *Porothamnium arbusculans* fide Gunckel 1938.

Thamnium crassinervium Broth. = *Thamnobryum rigidum* fide Robinson 1975.

Thamnium decumbens Besch. = *Porothamnium arbusculans* fide Reimers 1926.

Thamnium ingae Broth. = *Thamnobryum ingae*.

Thamnium latinerve (Mitt.) Broth. = *Thamnobryum rigidum* fide Robinson 1975.

Thamnium leucocaulon (Müll. Hal.) Kindb. = *Porothamnium leucocaulon*.

Thamnium neckeroides (Hook.f.) Schimp. = *Thamnobryum neckeroides*.

Thamnium panduraefolium (Müll. Hal.) Broth. = *Porothamnium panduraefolium*.

Thamnium proboscideum Broth. = *Thamnobryum proboscideum*.

Thamnium rigidum Mitt. = *Thamnobryum rigidum*.

Thamnium valdiviae (Müll. Hal.) Kindb. = *Porothamnium valdiviae*.

Thamnobryum assimile (Broth.) Sérgio = *Thamnobryum rigidum* fide Robinson 1975.

Thamnobryum caroli (Broth.) H. Rob.

Robinson 1975 (as *Thamnium carolii*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Bartram 1957). **Dist.** Juan Fernández Is.

Thamnobryum confertum (Mitt.) H. Rob.

Robinson 1975 (as *Thamnium confertum*, Brotherus 1924b). **Dist.** Juan Fernández Is.

Thamnobryum crassinervium (Broth.) S. He = *Thamnobryum rigidum* fide Robinson 1975.

Thamnobryum fasciculatum (Sw. ex Hedw.) I. Sastre

Ireland et al. 2007; He 1998 (as *Porothamnium fasciculatum*, Espinosa 1941; Brotherus 1924b). **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; XIV. Valdivia/Ranco; Juan Fernández Is.

Thamnobryum ingae (Broth.) H. Rob.

He 1998; Robinson 1975 (as *Thamnium ingae*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Thériot 1927a; Bartram 1957). **Dist.** V. Valparaíso; Juan Fernández Is.

Thamnobryum neckeroides (Hook.) E. Lawton

Lawton 1971 (as *Thamnium neckeroides*, Thériot 1924). **Dist.** Without exact locality. Note: The occurrence of this species in the region needs verification.

Thamnobryum proboscideum (Broth.) H. Rob.

Robinson 1975 (as *Thamnium proboscideum*, Brotherus 1924b; Bartram 1957). **Dist.** Juan Fernández Is.

Thamnobryum rigidum (Mitt.) H. Rob.

Robinson 1975 (as *Thamnobryum assimile*, Sérgio 1981; as *Thamnium assimile*, Barrera 2006; Espinosa 1941; Brotherus 1924b; as *Thamnium latinerve*, Brotherus 1924b; as *Thamnium*

rigidum, Mitten 1869; Brotherus 1924b; Bartram 1957; as *Porothamnium crassinervium*, Espinosa 1941). **Dist.** Juan Fernández Is.

Thamnobryum spec.

Matcham et al. 2007. **Dist.** XII. Última Esperanza.

Thuidiopsis chilensis (Mitt.) Broth.

Hässel et al. 1984; Herzog 1922, 1954; Matteri 1985b (as *Thuidium chilense*, Mitten 1869).

Dist. XIV. Valdivia/Ranco; X. Osorno; XII. Magallanes, Última Esperanza.

Thuidiopsis corralensis (Broth.) Herzog = *Thuidiopsis furfurosa* fide Wijk et al. 1969.

Thuidiopsis dusenii (Broth.) Broth.

Cardot & Brotherus 1923 (as *Thuidium dusenii*, He 1998). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Chiloé.

Thuidiopsis filaris (Mitt.) Broth. = *Thuidiopsis sparsa* fide Touw 2001.

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

Ireland et al. 2007; Touw 2001 (as *Thuidium furfurosum*, Larraín 2007b; Larraín 2005; Villagran et al. 2003; Schaumann 2005; He 1998; Cardot & Brotherus 1923; Bartram 1952; Robinson 1975; Deguchi 1991b; as *Thuidiopsis corralensis*, Herzog & Schwabe 1939; Herzog 1960; as *Thuidium corralensis*, Dusén 1903b; as *Thuidiopsis furfurosum*, Herzog & Schwabe 1939; as *Thuidium masafuerae*, Barrera 2006; Espinosa 1941; Brotherus 1924b; Robinson 1975; as *Thuidium valdiviae*, Brotherus 1924b; as *Thuidiopsis valdiviae*, Herzog & Schwabe 1939; Bartram 1957). **Dist.** VIII. Arauco; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes; Juan Fernández Is.

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

Tropicos 2009; Müller & Pereira 2006; Touw 2001 (as *Thuidium filarium*, Thériot 1918; Reimers 1926; as *Thuidiopsis filaris*, Herzog & Hosseus 1938; Herzog 1954, 1960; as *Thuidium sparsum*, Schaumann 2005; He 1998; Deguchi 1991b; as *Thuidium valdiviae*, Barrera 2006; Espinosa 1941). **Dist.** VII. Cauquenes; VIII. Arauco, Biobío, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; Juan Fernández Is.

Thuidiopsis valdiviae (Broth.) Broth. = *Thuidiopsis furfurosa* fide Robinson 1975.

Thuidium chilense Mitt. = *Thuidiopsis chilensis*.

Thuidium corralensis (Broth.) Broth. = *Thuidiopsis furfurosa* fide Wijk et al. 1969.

Thuidium dusenii Broth. = *Thuidiopsis dusenii*.

Thuidium filarium Mitt. = *Thuidiopsis sparsa* fide Touw 2001.

Thuidium furfurosum (Hook.f. & Wilson) A. Jaeger = *Thuidiopsis furfurosa*.

Thuidium inconspicuum Herzog

Herzog 1922. **Dist.** XIV. Valdivia/Ranco.

Thuidium masafuerae Broth. = *Thuidiopsis furfurosa* fide Touw & Van den Haak 1989.

Thuidium raphidostegum (Müll. Hal.) Mitt.

Mitten 1869; Herzog & Hosseus 1938. **Dist.** IX. Cautín.

Thuidium sparsum (Hook.f. & Wilson) A. Jaeger = *Thuidiopsis sparsa*.

Thuidium valdiviae Broth. = *Thuidiopsis sparsa* fide Touw 2001.

Thysanomitrium laetevirens Broth. = *Campylopus laxoventralis* fide Frahm 1988.

Thysanomitrium leptodus (Mont.) Broth. = *Campylopus clavatus* fide Sainsbury 1955.

Thysanomitrium richardii (Brid.) Schwägr. = *Campylopus richardii*.

Tortella hosseusii Herzog

Herzog & Hosseus 1938. **Dist.** IX. Cautín.

Tortella humilis (Hedw.) Jenn.

Ireland & Bellolio 2002. **Dist.** Easter I.

Tortella knightii (Mitt.) Broth.

Buck 2005a; Eckel 1997; Matteri & Schiavone 2002. **Dist.** XII. Antártica Chilena.

Tortella tortuosa (Hedw.) Limpr.

Tropicos 2009; Hässel et al. 1984; Ireland et al. 2007; He 1998; Matteri & Schiavone 2002; Cardot & Brotherus 1923; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b. **Dist.** RM. Chacabuco, Santiago; VIII. Biobío; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Tortula amblyophylla (Mont.) Thér., *hom. illeg.* = *Tortula platyphylla* fide Mitten 1869.

Tortula andersonii Ångström = *Syntrichia glacialis* fide Müller 2009.

Tortula antarctica (Hampe) Paris ≡ *Syntrichia antarctica*.

***Tortula appressa* Mitt.**

Mitten 1869. **Dist.** Chile, without exact locality (leg. Lobb). Note: The type was not studied by Cano & Gallego (2008), therefore the taxonomic status is uncertain.

Tortula arenae (Besch.) Broth. ≡ *Henediella arenae*.

Tortula atrata Thér. = *Syntrichia breviseta* fide Cano & Gallego 2008.

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

Cano & Gallego 2008; Gallego & Cano 2007; Mitten 1869; Thériot 1921; Herzog 1954. **Dist.** II. Antofagasta; IV. Elqui, Limarí; V. Aconcagua, Valparaíso; RM. Cordillera; VII. Talca.

Tortula atrovirens var. *brevifolia* Thér. = *Tortula atrovirens* fide Cano & Gallego 2008.

Tortula australasiae Hook.f. & Grev. ≡ *Didymodon australasiae*.

Tortula berteroaana (Müll. Hal.) Broth. ex Paris = *Tortula platyphylla* fide Cano & Gallego 2008.

***Tortula berthoana* Thér.**

Thériot 1926. **Dist.** V. Valparaíso. Note: Type material was studied by Cano & Gallego (2008). The species belong to *Syntrichia* and is similar to *S. fragilis*, but differs in a few details.

Tortula brachypelma Dusén = *Syntrichia magellanica* fide Zander 1993.

Tortula breviseta Mont. ≡ *Syntrichia breviseta*.

Tortula bullata Herzog, *hom. illeg.* = *Syntrichia ruralis* fide Cano & Gallego 2008.

Tortula campestris Dusén ≡ *Syntrichia campestris*.

Tortula calycina (Schwägr.) Hook.f. & Grev. ≡ *Barbula calycina*.

Tortula chilensis (Mont.) Mitt. ≡ *Chrysoblastella chilensis*.

Tortula chrysopila (Müll. Hal.) Paris = *Syntrichia princeps* fide Matteri & Schiavone 2002.

Tortula chubutensis Dusén = *Syntrichia ruralis* fide Cano & Gallego 2008.

Tortula conferta Bartr. = *Syntrichia magellanica* fide Ochrya et al. 2008.

Tortula conotricha (Müll. Hal.) Paris = *Syntrichia glacialis* fide Müller 2009.

Tortula contorta (Hampe) Mont. = *Syntrichia flagellaris* fide Cano & Gallego 2008.

Tortula costesii Thér. ≡ *Syntrichia costesii*.

Tortula curta Cardot & Broth., *hom. illeg.* = *Syntrichia costesii* fide Wijk et al. 1969.

Tortula densifolia (Hook.f. & Wilson) Herzog ≡ *Henediella densifolia*.

***Tortula diaguíta* (R.H. Zander & Mahu) Cano & M.T. Gallego**

Cano & Gallego 2008 (as *Henediella diaguíta*, Zander & Mahu 1999). **Dist.** IV. Elqui, Limarí.

Tortula didymodontoides Broth. = *Syntrichia saxicola* fide Ochrya et al. 2008.

Tortula epilosa Broth. ≡ *Syntrichia epilosa*.

Tortula epilosa var. *pilifera* Thér. ≡ *Syntrichia epilosa* var. *pilifera*.

Tortula excelsa Cardot = *Syntrichia filaris* fide Ochrya 1998.

Tortula flagellaris (Schimp.) Thér. ≡ *Syntrichia flagellaris*.

Tortula flavipes Broth., *hom. illeg.* = *Tortula platyphylla* fide Cano & Gallego 2008.

Tortula flaviseta Mitt. = *Henediella heimii* fide Cano 2008.

Tortula fuegiana (Mitt.) Mitt. = *Syntrichia magellanica* fide Matteri 2003a.

Tortula fusca (Müll. Hal.) Mont. ≡ *Didymodon fuscus*.

Tortula fuscineria Mitt. = *Didymodon pruinosus* fide Jiménez & Cano 2008.

Tortula fuscoviridis Cardot = *Syntrichia saxicola* fide Ochrya 1998.

Tortula geniculata Mont. = *Didymodon australasiae* fide Jiménez et al. 2005.

Tortula glacialis Kunze ex Müll. Hal. ≡ *Syntrichia glacialis*.

Tortula graminicolor (Müll. Hal.) Mont. = *Didymodon australasiae* fide Zander 1993.

Tortula gromschii Thér. ≡ *Syntrichia gromschii*.

Tortula grossiretis Cardot = *Syntrichia magellanica* fide Ochrya et al. 2008.

Tortula grossiretis var. *atrata* Cardot = *Syntrichia magellanica* fide Ochrya et al. 2008.

Tortula heimii (Hedw.) Mitt. ≡ *Henediella heimii*.

Tortula heteroneura Cardot = *Syntrichia magellanica* fide Ochrya et al. 2008.

***Tortula hoppeana* (Schultz) Ochrya**

Müller 2009; Cano & Gallego 2008. **Dist.** RM. Santiago.

***Tortula jaffueli* Thér.**

Cano & Gallego 2008; Thériot 1923. **Dist.** IV. Choapa; V. Valparaíso; VI. Cachapoal.

Tortula kunzeana (Müll. Hal.) Mitt. ≡ *Henediella kunzeana*.

Tortula laeta Kunze ≡ *Rhamphidium laetum*.

Tortula laevinervis Broth. ex Dusén = *Syntrichia fragilis* fide Cano & Gallego 2008.

- Tortula lechleri* (Müll. Hal.) Broth. = *Syntrichia magellanica* fide Zander 1993.
Tortula leucocalyx Mont. = *Pseudocrossidium leucocalyx*.
Tortula lingulaefolia Cardot & Broth. = *Henediella arenae* fide Lightowlers 1985.
Tortula lithophila Dusén = *Syntrichia lithophila*.

***Tortula litorea* Cardot**

Matteri & Schiavone 2002. **Dist.** XII. Tierra del Fuego. Note: Cano & Gallego (2008) have studied type material and concluded the taxonomic position of this species in *Syntrichia* similar to *S. fragilis*, but they doesn't make the new combination.

- Tortula macrocarpa* (Schimp.) Mitt. = *Funaria macrocarpa*.
Tortula magellanica Mont. = *Syntrichia magellanica*.
Tortula mendozensis Mitt. = *Pseudocrossidium mendozense*.
Tortula mniadelphus (Müll. Hal.) Broth. = *Sagenotortula quitoensis* fide Zander 1989.
Tortula mniadelphus var. *cochlearifolia* Herzog = *Syntrichia mniadelphus* var. *cochlearifolia*.

***Tortula modica* R.H. Zander**

(as *Pottia intermedia*, Müller 2002). **Dist.** VII. Talca.
Tortula monoica Cardot = *Syntrichia magellanica* fide Zander 1993.

***Tortula muralis* Hedw.**

Tropicos 2009; Pereira et al. 2006; Espinosa 1941; He 1998; Mitten 1869; Dusén 1906a; Williams 1915; Thériot 1921; Brotherus 1924a; Roivainen 1934; Herzog & Hosseus 1938; Herzog & Schwabe 1939 (as *Tortula muralis* var. *rupestris*, Herzog & Hosseus 1938; as *Tortula muralis* var. *aestiva*, Thériot 1921). **Dist.** IV. Choapa, Elqui, Limarí; V. Valparaíso; RM. Santiago; VI. Cachapoal; VII. Cauquenes, Curicó, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Osorno.
Tortula muralis var. *longipila* Dusén = *Tortula muralis* fide Cano & Gallego 2008.

***Tortula obscuriretis* Thér.**

Thériot 1918. **Dist.** IX. Malleco. Note: Fide Cano & Gallego (2008) this species belongs to *Pseudocrossidium* and is similar to *P. leucocalyx*.

- Tortula papillosa* Wilson = *Syntrichia papillosa*.
Tortula papillosa var. *chilensis* Thér. = *Syntrichia papillosa* var. *chilensis*.
Tortula perarmata Broth. = *Pseudocrossidium leucocalyx* fide Cano & Gallego 2008.
Tortula perflaccida Broth. ex Dusén = *Syntrichia flagellaris* fide Zander 1993.
Tortula perrubiginosa (Dusén) Paris = *Syntrichia glacialis* fide Zander 1993.
Tortula pilifera Hook.f. = *Pseudocrossidium crinitum* fide Zander 1993.
Tortula pilifera var. *denticulata* (Dusén) Wijk & Margad. = *Pseudocrossidium crinitum* fide Zander 1993.

***Tortula platyphylla* Mitt.**

Cano & Gallego 2008; Gallego & Cano 2007; Ireland et al. 2007; Mitten 1869 (as *Tortula amblyophylla*, Thériot 1923, 1934b; Herzog & Schwabe 1939; Herzog 1954; as *Barbula graminicolor* subsp. *subgraminicolor*, Thériot 1917; as *Barbula subgraminicolor*, Costes 1921; as *Tortula flavipes*, Brotherus 1924a; Espinosa 1941). **Dist.** IV. Choapa, Elqui, Limarí; V. Valparaíso; RM. Cordillera, Santiago; VI. Colchagua; VIII. Concepción; X. Llanquihue.

- Tortula polycarpa* Dusén = *Henediella arenae* fide Cano & Gallego 2008.
Tortula princeps De Not. = *Syntrichia princeps*.
Tortula princeps var. *magellanica* (Mont.) Lightowlers = *Syntrichia magellanica*.
Tortula prostrata Mont. = *Syntrichia serrulata* fide Gallego et al. 2009.
Tortula pseudolatifolia Cardot = *Syntrichia glacialis* Müller 2009.
Tortula pseudorobusta Dusén = *Syntrichia pseudorobusta*.
Tortula pulvinatula Dusén = *Syntrichia breviseta* fide Cano & Gallego 2008.
Tortula punctulata (Brid.) Mitt. = *Syntrichia robusta* fide Zander 1993.
Tortula purpureo-velutina Herzog = *Tortula platyphylla* fide Cano & Gallego 2008.
Tortula pusilla Ångström = *Syntrichia magellanica* fide Zander 1993.
Tortula pygmaea Dusén = *Syntrichia lithophila* fide Ochyra & Zander 2007.
Tortula rivularis Dusén = *Syntrichia fontana* fide Lightowlers 1985.
Tortula robusta Hook.f. & Grev. = *Syntrichia robusta*.
Tortula robusta var. *laxa* E.B. Bartram = *Syntrichia robusta* fide Zander 1993.
Tortula robusta var. *runcinata* (Müll. Hal.) Broth. = *Syntrichia robusta* fide Zander 1993.
Tortula robustula Cardot = *Syntrichia filaris* fide Matteri & Schiavone 2002.
Tortula santiagensis Broth. = *Pseudocrossidium excavatum* fide Cano & Gallego 2008.
Tortula saxicola Cardot = *Syntrichia saxicola*.

- Tortula saxicola* Dusén, *hom. illeg.* = *Syntrichia lithophila* fide Ochya & Zander 2007.
Tortula scabrella Dusén = *Syntrichia scabrella*.
Tortula scabrinervis (Müll. Hal.) Mont. = *Syntrichia scabrinervis*.
Tortula schnyderi (Müll. Hal.) Broth. = *Syntrichia schnyderi*.
Tortula serripungens (Lorentz & Müll. Hal.) Broth. = *Syntrichia serripungens*.
Tortula serrulata Hook. & Grev. = *Syntrichia serrulata*.
Tortula socialis Dusén = *Syntrichia socialis*.
Tortula squarripila Thér. = *Syntrichia squarripila*.
Tortula stenophylla Cardot & Broth., *hom. illeg.* = *Syntrichia glacialis* fide Cano & Gallego 2008.
Tortula subglacialis Thér. = *Pseudocrossidium crinitum* fide Zander 1993.
Tortula subpapillosa Cardot & Broth. = *Syntrichia subpapillosa*.
Tortula subsessilis Brid. = *Pterygoneurum subsessilis*.

Tortula truncata (Hedw.) Mitt.

Cano & Gallego 2008; Ireland et al. 2007. **Dist.** VIII. Concepción.

Tortula umbrosa Dusén = *Leptodontium proliferum* fide Cano & Gallego 2008.

Trematodon geniculatus Matteri

Deguchi 1991a. **Dist.** X. Osorno.

Trematodon pascuanus Thér.

Ireland & Bellolio 2002; Thériot 1937. **Dist.** Easter I.

Trichodon cylindricus (Hedw.) Schimp.

Müller 2009. **Dist.** VII. Talca.

Trichostomum brachydontium Bruch

Tropicos 2009; Espinosa 1941; Brotherus 1924b; Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.; Easter I.

Trichostomum elliottii Broth. *ex* Dusén

Dusén 1906a; Herzog 1954. **Dist.** RM. Chacabuco; VIII. Concepción.

Trichostomum tortella Müll. Hal. = *Tortella* spec. fide Wijk et al. 1969.

Trichostomum williamsii R.H. Zander

(as *Astomum chilense*, Williams 1915; Thériot 1921). **Dist.** IV. Elqui; V. Valparaíso.

Triquetrella filicaulis Dusén = *Triquetrella patagonica* fo. *filicaulis*.

Triquetrella patagonica Müll. Hal.

Müller 2009; Pereira et al. 2006; Ireland et al. 2007; Müller & Pereira 2006; Thériot 1917; Herzog & Hosseus 1938. **Dist.** II. Antofagasta; V. Valparaíso; VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín.

Triquetrella patagonica fo. *filicaulis* (Dusén) Herzog

Herzog & Hosseus 1938 (as *Triquetrella filicaulis*, Espinosa 1941; Dusén 1906a; Brotherus 1924a). **Dist.** VIII. Concepción; IX. Cautín.

Ulota anderssonii (Ångström) A. Jaeger = *Orthotrichum elegantulum* fide Lewinsky 1987.

Ulota brevicollis (Mitt.) A. Jaeger = *Ulota rufula* fide Malta 1927.

Ulota carinata Mitt.

Villagran et al. 2003; Herzog & Hosseus 1938; Herzog & Schwabe 1939 (as *Orthotrichum carinatum*, Mitten 1869). **Dist.** X. Chiloé, Llanquihue.

Ulota chilensis (Mitt.) A. Jaeger = *Ulota rufula* fide Malta 1927.

Ulota eremitense Mitt. = *Ulota glabella* fide Malta 1927.

Ulota crenatoerosa (Müll. Hal.) Kindb. = *Orthotrichum incanum* fide Matteri 2000.

Ulota darwinii Mitt. = *Ulota fuegiana* var. *darwinii*.

Ulota fernandeziana Malta

Bartram 1957; Robinson 1975. **Dist.** Juan Fernández Is.

Ulota fuegiana Mitt. var. *fuegiana*

Hässel et al. 1984; Larraín 2005; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1901, 1908; Cardot & Brotherus 1923; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Orthotrichum fuegianum*, Mitten 1869). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Ulota fuegiana var. *crispata* Malta

Bartram 1952; Herzog 1954. **Dist.** XIV. Valdivia/Ranco; XI. Aisén.

***Ulotia fuegiana* var. *darwinii* (Mitt.) Malta**

Matteri & Schiavone 2002 (as *Orthotrichum darwinii*, Mitten 1869; as *Ulotia darwinii*, Dusén 1903b). **Dist.** XII. Tierra del Fuego.

Ulotia fulvella (Mitt.) Mitt. = *Ulotia luteola* fide Wijk & Margadant 1961.

***Ulotia germana* var. *breviseta* Malta**

Herzog & Hosseus 1938; Seki 1974. **Dist.** XIV. Valdivia/Ranco.

Ulotia germana* (Mont.) Mitt. var. *germana

Díaz et al. 2008; Larraín 2007b; Buck 2002; He 1998; Matteri & Schiavone 2002; Cardot 1908; Reimers 1926; Herzog 1922, 1954; Thériot 1935; Seki 1974; Deguchi 1991b (as *Orthotrichum germanum*, Mitten 1869; as *Ulotia savatieri*, Cardot 1900, 1901, 1908; Dusén 1903b; Cardot & Brotherus 1923). **Dist.** XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén. XII. Antártica Chilena, Magallanes, Última Esperanza, Tierra del Fuego.

***Ulotia glabella* Mitt.**

Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Seki 1974; Deguchi 1991b (as *Orthotrichum eremitense*, Mitten 1869; as *Orthotrichum glabellum*, Mitten 1869; as *Ulotia eremitense*, Dusén 1903b; Cardot 1908). **Dist.** IX. Cautín; X. Llanquihue; XI. Aisén; XII. Antártica Chilena.

Ulotia gymnomitria Müll. Hal. = *Orthotrichum elegantulum* fide Lewinsky 1987.

Ulotia hamata Dusén = *Ulotia magellanica* fide Cardot 1908.

Ulotia incana (Müll. Hal.) Besch. = *Orthotrichum incanum* fide Matteri 2000.

Ulotia inclinata (Müll. Hal.) Kindb. = *Orthotrichum inclinatum* fide Matteri 2000.

Ulotia lativentrosa* Müll. Hal. ex Malta fo. *angustifolia

Herzog & Hosseus 1938. **Dist.** XIV. Valdivia/Ranco; X. Llanquihue.

Ulotia leiothecia (Müll. Hal.) A. Jaeger = *Orthotrichum leiothecium*.

***Ulotia lobbiana* Mitt.**

Dusén 1903b; Cardot 1908 (as *Orthotrichum lobbianum*, Mitten 1869). **Dist.** X. Chiloé.

***Ulotia luteola* (Hook.f. & Wilson) Wijk & Margad.**

Matteri & Schiavone 2002; Deguchi 1991b (as *Orthotrichum fulvellum*, Mitten 1869; as *Ulotia fulvella*, Hässel et al. 1984; Eaton 1892; Dusén 1903b; Cardot 1908; Matteri 1985b). **Dist.** X. Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

***Ulotia macrocalycina* Mitt.**

Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Matteri 1985b; Deguchi 1991b (as *Orthotrichum macrocalycinum*, Mitten 1869; as *Ulotia marginata*, Cardot 1908). **Dist.** X. Osorno; XII. Antártica Chilena, Magallanes, Última Esperanza.

***Ulotia macrodontia* Dixon & Malta**

Ireland et al. 2007; He 1998; Dusén 1903b; Herzog 1954; Seki 1974; Deguchi 1991b. **Dist.** VIII. Arauco, Ñuble; IX. Cautín; X. Llanquihue; XI. Aisén.

***Ulotia magellanica* (Mont.) A. Jaeger**

Goffinet et al. 2006; Hässel et al. 1984; Matcham et al. 2002; Buck 2002; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1905; Cardot 1908; Herzog & Hosseus 1938; Bartram 1952; Seki 1974; Matteri 1985b; Deguchi 1991b (as *Orthotrichum magellanicum*, Mitten 1869; as *Ulotia hamata*, Dusén 1903b). **Dist.** IX. Malleco; X. Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Ulotia marginata (Ångström) A. Jaeger = *Ulotia macrocalycina* fide Malta 1927.

Ulotia persubulata Dusén, *nom. nud.* = *Ulotia rufula* fide Malta 1927.

***Ulotia phyllantha* Brid.**

Buck 2002; Buck 2005b; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Bartram 1952 (as *Orthotrichum phyllanthum*, Mitten 1869). **Dist.** XII. Antártica Chilena, Magallanes.

***Ulotia pusilla* Malta**

Matteri & Schiavone 2002; Deguchi 1991b. **Dist.** IX. Malleco; X. Llanquihue, Osorno; XII. Magallanes.

Ulotia pygmaeothecia (Müll. Hal.) Kindb.

Hässel et al. 1984; Buck 2002; Matteri & Schiavone 2002; Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; Bartram 1952; Seki 1974; Matteri 1985b. **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Ulotia rufula (Mitt.) A. Jaeger var. ***rufula***

Larraín 2007b; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; He 1998; Herzog 1922, 1954; Brotherus 1924b; Roivainen 1934; Thériot 1935; Herzog & Hosseus 1938; Bartram 1957; Seki 1974; Robinson 1975; Deguchi 1991b (as *Orthotrichum brevicolle*, Mitten 1869; as *Orthotrichum chilense*, Mitten 1869; as *Orthotrichum rufulum*, Mitten 1869; as *Ulotia brevicollis*, Thériot 1934b; as *Ulotia chilense*, Thériot 1934b; as *Ulotia persubulata*, Dusén 1903b). **Dist.** VIII. Arauco, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; Juan Fernández Is.

Ulotia rufula var. ***patagonica*** Malta

Seki 1974. **Dist.** XI. Aisén.

Ulotia savatieri Besch. = *Ulotia germana* fide Malta 1927.

Ulotia ventricosa (Müll. Hal.) Malta

Matteri & Schiavone 2002; Deguchi 1991b (as *Zygodon ventricosus*, Mitten 1869). **Dist.** X. Llanquihue; XII. Magallanes.

Valdiviella pauperkulata Thér. & Herzog = *Muscoherzogia pauperkulata*.

Verrucidens turpis (Cardot) Cardot = *Hymenoloma turpe*.

Vesiculariopsis spirifolium (Dusén) Broth.

Seki 1974; Deguchi 1991a (as *Ectropothecium spirifolium*, Dusén 1903b, 1905a; Cardot 1908; as *Achrohypnella subenervis*, Herzog 1954; Matteri 1972). **Dist.** X. Osorno; XI. Aisén, General Carrera.

Vittia elimbata Hedenäs, Vanderpoorten & Goffinet

Matcham et al. in Blockeel et al. 2008a. **Dist.** XII. Última Esperanza.

Vittia pachyloma (Mont.) Ochyra

Tropicos 2009; Goffinet et al. 2006; Larraín 2007b; Matcham et al. 2007; Buck 2002; Buck 2005a; Larraín 2007a; Vanderpoorten et al. 2003; He 1998; Müller & Pereira 2006; Ochyra & Matteri 2001; Matteri & Schiavone 2002; Ochyra 1987b; Deguchi 1991a (as *Grimmia pachyloma*, Mitten 1869; as *Sciaromium confluens*, Dusén 1903b; Cardot 1908; as *Sciaromium conspissatum*, Cardot 1908; Thériot 1915, Herzog & Schwabe 1939; Bartram 1952; Herzog 1954; Seki 1974; as *Sciaromium conspissatum* var. *maritimum*, Herzog 1954; as *Sciaromium crassinervatum*, Herzog & Schwabe 1939; as *Sciaromium depastum*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; as *Sciaromium krauseanum*, Paris 1894-1900; as *Sciaromium maritimum*, Cardot 1908; Cardot & Brotherus 1923; Thériot 1924; as *Sciaromium nigrum*, Dusén 1905a; as *Sciaromium obscurifolium*, Mitten 1869; Thériot 1934b; Herzog 1954; as *Sciaromium pachyloma*, Espinosa 1941; Brotherus 1924b; Reimers 1926; Bartram 1952, 1957; Robinson 1975; as *Sciaromium pachyloma* var. *brevifolia*, Thériot 1924; as *Sciaromium pachyloma* var. *gracilescens*, Herzog 1954). **Dist.** V. Los Andes, Quillota, Valparaíso; RM. Chacabuco, Cordillera, Santiago, Talagante; VI. Colchagua; VII. Cauquenes, Curicó, Linares, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Coihaique; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Warburgiella aureonitida (E.B. Bartram) H. Akiy. = *Rhaphidorrhynchium scorpiurus* fide Seki 1974.

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

(as *Rhaphidostegium leucocytus*, Dusén 1903b; Cardot 1908). **Dist.** XII. Antártica Chilena.

Warnstorfia exannulata (Schimp.) Loeske

Müller 2009; Larraín 2007b; Buck 2002; Ireland et al. 2007; He 1998; Ochyra & Matteri 2001; Matteri & Schiavone 2002 (as *Drepanocladus exannulatus*, Seki 1974; Deguchi 1991a). **Dist.** RM. Santiago; VII. Talca; VIII. Arauco; X. Chiloé, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Última Esperanza.

Warnstorfia fluitans (Hedw.) Loeske

Müller 2009; Buck 2002; He 1998; Matteri & Schiavone 2002 (as *Drepanocladus fluitans*, Matteri 1985b; Hässel et al. 1984; Deguchi 1991a; as *Drepanocladus fuegianus*, Cardot & Brotherus 1923; as *Amblystegium fuegianum*, Mitten 1869; as *Hypnum fuegianum*, Dusén 1903b; Cardot 1908; as *Hypnum fluitans*, Cardot 1908). **Dist.** V. San Antonio; VII. Talca; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Warnstorfia fontinaliopsis (Müll. Hal.) Ochyra

Ochyra & Matteri 2001; Matteri & Schiavone 2002 (as *Drepanocladus laculosus*, Cardot & Brotherus 1923; as *Hypnum fluitans* var. *laculosum*, Dusén 1903b; as *Calliergidium austrostramineum*, Seki 1974). **Dist.** XI. Aisén; XII. Magallanes, Tierra del Fuego.

Warnstorfia laculosa (Müll. Hal.) Ochyra & Matteri = *Warnstorfia fontinaliopsis* fide Ochyra & Matteri 2001.

Warnstorfia luipichensis (R.S. Williams) Hedenäs = *Warnstorfia sarmentosa* fide Ochyra et al. 2008.

Warnstorfia sarmentosa (Wahlenb.) Hedenäs

Ochyra et al. 2008; Buck 2002; Ochyra & Matteri 2001; Matteri & Schiavone 2002 (as *Calliergon sarmentosum*, Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985b; Deguchi 1991a; as *Warnstorfia luipichensis*, Hedenäs 2003). **Dist.** XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Webera albicans Schimp., *hom. illeg.* = *Pohlia wahlenbergii* fide Shaw 1982.

Webera alticaulis (Müll. Hal.) Paris = *Pohlia wahlenbergii* var. *glacialis* fide Warburg 1962.

Webera costesii Cardot & Thér. = *Pohlia chilensis* fide Shaw 1987.

Webera cruda (Hedw.) Fűrnr. = *Pohlia cruda*.

Webera firmo-acuminata Dusén ex Paris., *nom. nud.* = *Pohlia chilensis* fide Suárez & Schiavone 2008.

Webera lonchochaete Dusén = *Pohlia lonchochaete*.

Webera looseri Thér. = *Pohlia looseri*.

Webera magnifica Herzog = *Bryum australe* fide Müller 2009.

Webera nutans Hedw. = *Pohlia nutans*.

Webera philonotea (Müll. Hal.) Paris = *Pohlia wahlenbergii* fide Matteri 1998.

Webera sphagnadelphus (Müll. Hal.) Besch. = *Pohlia nutans*.

Weissia timmiaecaulon Dusén, *nom. nud.*, Dusén 1903b.

Weissia calcarea (Nees & Hornsch.) Müll. Hal. = *Gymnostomum calcareum*.

Weissia chilensis Hampe ex Müll. Hal. = *Oreoweisia erosa* fide O'Shea & Matcham in Blockeel et al. 2004.

Weissia controversa Hedw. var. **controversa**

Ireland et al. 2007; Ireland & Bellolio 2002; Bartram 1957; Deguchi 1991b (as *Weissia flavipes*, Espinosa 1941; Brotherus 1924; as *Weissia patagonica*, Hässel et al. 1984; Cardot & Brotherus 1923; Matteri 1985b). **Dist.** VIII. Arauco, Biobío, Concepción, Ñuble; XI. General Carrera; XII. Magallanes, Última Esperanza; Juan Fernández Is.; Easter I.

Weissia controversa var. **amblyodon** (Brid.) Sendtn.

(as *Weissia viridula* var. *amblyodon*, Herzog 1954). **Dist.** V. Aconcagua.

Weissia crispula Hedw. var. *ambigua* = *Hymenoloma antarcticum* fide Ochyra et al. 2008.

Weissia diffidentia R.H. Zander

(as *Astomum recurvirostrum*, Thériot 1924; as *Tetrapterum recurvirostrum*, Brotherus 1924). **Dist.** V. Valparaíso.

Weissia flavipes Hook.f. & Wilson = *Weissia controversa* fide Wijk et al. 1969.

Weissia kunzeana Müll. Hal.

Pereira et al. 2006; Müller & Pereira 2006; Mitten 1869; Robinson 1975 (as *Hymenostomum kunzeanum*, Brotherus 1924b; Thériot 1935; Herzog & Schwabe 1939; Herzog 1954). **Dist.** VI. Colchagua, San Vicente; VII. Cauquenes, Talca; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; Juan Fernández Is.

Weissia longirostris Mitt., *hom. illeg.*, Mitten 1869.

Weissia patagonica Cardot & Broth. = *Weissia controversa* fide Müller 2009.

Weissia poeppigiana (Müll. Hal.) Mitt. = *Didymodon vinealis* fide Sollman 1995.

Weissia viridula Hedw. ex Brid. var. *amblyodon* Schimp. = *Weissia controversa* var. *amblyodon*.

Weissia spec.

Brotherus 1924. **Dist.** Easter I.

Weymouthia billardieri (Hampe) Broth. = *Weymouthia cochlearifolia* fide Streimann 2001.

Weymouthia cochlearifolia (Schwägr.) Dixon

Larraín 2007b; Larraín 2005; Ireland et al. 2007; Villagran et al. 2003; He 1998; Quandt et al. 2001; Thériot 1935; Bartram 1952; Deguchi 1991b (as *Pilotrichella krausei*, Dusén 1903b; as *Weymouthia billardieri*, Cardot 1908; Herzog 1922, 1940, 1954, 1960; Cardot & Brotherus 1923; Reimers 1926; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Seki 1974; as *Coelidium cochlearifolium*, Eaton 1892). **Dist.** VIII. Arauco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén, Capitán Prat.

Weymouthia mollis (Hedw.) Broth.

Larraín 2007b; Larraín 2005; Ireland et al. 2007; Espinosa 1941; Villagran et al. 2003; He 1998; Quandt et al. 2001; Müller & Pereira 2006; Cardot 1908; Herzog 1922, 1954, 1960; Cardot & Brotherus 1923; Brotherus 1924a, 1924b; Reimers 1926; Thériot 1927a; Roivainen 1934; Herzog & Hosseus 1938; Bartram 1952, 1957; Seki 1974; Robinson 1975; Deguchi 1991b (as *Meteorium molle*, Mitten 1869; as *Pilotrichella cumingii*, Dusén 1903b). **Dist.** IV. Limarí; VII. Cauquenes, Talca; VIII. Arauco; IX. Cautín; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno, Palena; XI. Aisén; XII. Magallanes; Juan Fernández Is.

Weymouthia orbiculata Thér. = *Lembophyllum orbiculatum*.

Willia austroleucophaea (Besch.) Broth.

Ochyra et al. 2008; Matteri & Schiavone 2002 (as *Willia senilis*, Brotherus 1924). **Dist.** XII. Antártica Chilena, Magallanes.

Willia brachychaete (Dusén) R.H. Zander

NY 2009; Tropicos 2009; Müller 2009; Cano et al. 2008b. **Dist.** VII. Talca; VIII. Biobío; IX. Cautín.

Willia grimmoides Müll. Hal. = *Willia austroleucophaea* fide Bell 1974.

Willia senilis Müll. Hal. = *Willia austroleucophaea* fide Bell 1974.

Wollnya wilsonii (Mitt.) Herzog = *Pohlia wilsonii*.

Zygodon bartramioides Malta

Müller 2009; Calabrese 2006; Calabrese et al. 2006; He 1998; Herzog & Hosseus 1938; Herzog 1954; Seki 1974; Deguchi 1991b (as *Zygodon tristis*, Herzog 1960). **Dist.** VII. Talca; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Osorno. Note: Records from region Aisén under this name (Seki 1974; He 1998) belongs to *Z. chilensis* (Calabrese et al. 2006).

Zygodon chilensis Calabrese & F. Lara

Calabrese 2006; Calabrese et al. 2006. **Dist.** XIV. Valdivia/Ranco; XI. Aisén.

Zygodon corralensis Lorentz = *Zygodon menziesii* fide Matcham & O'Shea 2005.

Zygodon curvicaulis Dusén = *Zygodon intermedius* fide Malta 1926.

Zygodon cylindropyxis Müll. Hal. ex Malta = *Zygodon bartramioides* fide Calabrese 2006.

Zygodon denticulatus Taylor = *Zygodon reinwardtii* fide Malta 1926.

Zygodon gracillimus Dusén, p.p., nom. nud. = *Zygodon magellanicus* fide Calabrese 2006.

Zygodon gracillimus Dusén, p.p., nom. nud. = *Zygodon papillatus* fide Calabrese 2006.

Zygodon hookeri Hampe var. *hookeri*

Calabrese 2006; Matteri 1985b; Hässel et al. 1984. **Dist.** XII. Magallanes, Tierra del Fuego, Última Esperanza.

Zygodon hookeri var. *leptobolax* (Müll. Hal.) Calabrese

Tropicos 2009; Larraín 2007b; Pereira et al. 2006; Larraín 2007a; Calabrese 2006 (as *Zygodon inermis*, Larraín 2005; He 1998; Müller & Pereira 2006; Seki 1974; Deguchi 1991b; as *Zygodon theriotii*, Herzog & Hosseus 1938). **Dist.** VII. Cauquenes, Curicó, Talca; VIII. Biobío, Concepción, Ñuble; IX. Cautín; X. Chiloé, Llanquihue; XI. Aisén. XII. Magallanes.

Zygodon hyadesii Besch. = *Zygodon reinwardtii* fide Calabrese 2006.

Zygodon inermis Malta = *Zygodon hookeri* var. *leptobolax* fide Calabrese 2006.

Zygodon intermedius Bruch & Schimp.

Larraín 2005; Villagran et al. 2003; Calabrese 2006; He 1998; Müller & Pereira 2006; Cardot & Brotherus 1923; Thériot 1927a; Herzog 1954; Bartram 1957; Seki 1974; Robinson 1975; Deguchi 1991b (as *Zygodon curvicaulis*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923). **Dist.** VII. Cauquenes, Linares; IX. Malleco; XIV. Valdivia/Ranco; X. Chiloé,

Llanquihue, Osorno; XI. Aisén, General Carrera; XII. Magallanes, Tierra del Fuego, Última Esperanza; Juan Fernández Is.

Zygodon jaffuelii Thér.

Calabrese 2006; He 1998; Thériot 1921; Herzog & Hosseus 1938; Herzog 1954; Deguchi 1991b. **Dist.** V. Valparaíso; IX. Cautín; XIV. Valdivia/Ranco; X. Llanquihue, Osorno; XI. Aisén. Note: The species was synonymized with *Zygodon liebmanii* Schimp. by Allen (2002), but is treated as a distinct species by Calabrese (2006).

Zygodon krausei Lorentz = *Zygodon intermedius* fide Calabrese 2006.

Zygodon magellanicus Dusén ex Malta

Müller 2009; Calabrese et al. 2002; Calabrese 2006; Matteri & Schiavone 2002; Seki 1974.

Dist. VII. Cauquenes; XI. Aisén; XII. Magallanes, Tierra del Fuego.

Zygodon menziesii (Schwägr.) Arn.

Calabrese 2006; He 1998; Matcham & O'Shea 2005; Mitten 1869; Brotherus 1924b; Herzog 1954; Robinson 1975; Matteri 1989 (as *Zygodon corralensis*, Herzog & Hosseus 1938; Herzog 1954; Seki 1974; Deguchi 1991b; as *Codonoblepharon menziesii*, Matteri & Schiavone 2002).

Dist. XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; Juan Fernández Is.

Zygodon obovalis Mitt.

Brotherus 1924b. **Dist.** Juan Fernández Is. Note: The species is not treated or mentioned in the revision of Calabrese (2006), therefore its taxonomic status is uncertain.

Zygodon obtusifolius Hook.

Calabrese 2006; Deguchi 1991b (as *Bryomaltaea obtusifolia*, Ireland et al. 2007). **Dist.** V. Valparaíso; VIII. Arauco; IX. Malleco; XIV. Valdivia/Ranco; X. Llanquihue.

Zygodon obtusifolius var. *antarcticus* Malta = *Zygodon obtusifolius* fide Calabrese 2006.

Zygodon papillatus Mont.

Tropicos 2009; Larraín 2007b; Larraín 2007a; Calabrese 2006; Müller & Pereira 2006; Matteri & Schiavone 2002; Mitten 1869; Herzog 1960; Seki 1974; Deguchi 1991b. **Dist.** VII. Cauquenes, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes.

Zygodon papillosus Mont. ex Broth. = *Zygodon papillatus* fide Calabrese et al. 2002.

Zygodon pentastichus (Mont.) Müll. Hal.

Larraín 2007b; Hässel et al. 1984; Calabrese 2006; Mitten 1869; Herzog & Hosseus 1938; Herzog & Schwabe 1939; Bartram 1952; Herzog 1954; Bartram 1957; Herzog 1960; Robinson 1975; Matteri 1985b (as *Zygodon porteri* var. *crispatulus*, Thériot 1926; as *Zygodon pentastichus* var. *crispatulus*, Malta 1926; as *Pentastichella pentasticha* var. *strictifolia*, Thériot 1924; as *Zygodon porteri*, Thériot 1926; as *Pentastichella jaffueli*, Thériot 1921; as *Pentastichella pentasticha*, Tropicos 2009; Larraín 2005; Villagran et al. 2003; Müller & Pereira 2006; Dusén 1903b; Thériot 1918; as *Macromitrium poeppigii*, Mitten 1869; as *Stenomitrium pentastichum*, Espinosa 1941; Cardot 1908; Herzog 1922; Cardot & Brotherus 1923; Brotherus 1924b; Reimers 1926; Seki 1974; Deguchi 1991b; as *Zygodon uncinatus*, Mitten 1869). **Dist.** V. Valparaíso; VII. Cauquenes, Linares, Maule, Talca; VIII. Arauco, Biobío, Concepción, Ñuble; IX. Cautín, Malleco; XIV. Valdivia/Ranco; X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Magallanes, Última Esperanza; Juan Fernández Is.

Zygodon pentastichus var. *crispatulus* (Thér.) Malta = *Zygodon pentastichus* fide Calabrese 2006.

Zygodon pichinchensis (Taylor) Mitt.

Calabrese 2006; Seki 1974. **Dist.** XI. Aisén, Coihaique; XII. Última Esperanza.

Zygodon porteri Thér. var. *porteri* = *Zygodon pentastichus* fide Calabrese 2006.

Zygodon porteri var. *crispatulus* Thér. = *Zygodon pentastichus* fide Calabrese 2006.

Zygodon reinwardtii (Hornsch.) A. Braun

NY 2009; Calabrese 2006; Bartram 1952; Matteri 1985b (as *Zygodon reinwardtii* var. *hyadesii*, Hässel et al. 1984; Matteri & Schiavone 2002; Seki 1974; Deguchi 1991b; as *Zygodon hyadesii*, Dusén 1903b; Cardot 1908; Cardot & Brotherus 1923; as *Zygodon denticulatus*,

Mitten 1869). **Dist.** X. Chiloé, Llanquihue, Osorno; XI. Aisén; XII. Antártica Chilena, Magallanes, Tierra del Fuego, Última Esperanza.

Zygodon reinwardtii var. *hyadesii* (Besch.) Malta = *Zygodon reinwardtii* fide Calabrese 2006.

Zygodon robustulus Broth. ex Malta = *Zygodon bartramioides* fide Malta 1924.

Zygodon robustus Broth., nom. nud. = *Zygodon bartramioides* fide Calabrese 2006.

Zygodon theriotii Herzog = *Zygodon hookeri* var. *leptobolax* fide Calabrese 2006.

Zygodon tristis Herzog = *Zygodon bartramioides* fide Calabrese 2006.

Zygodon uncinatus Mitt. = *Zygodon pentastichus* fide Malta 1926.

Zygodon ventricosus Müll. Hal. ≡ *Ulota ventricosa*.

Taxa excluded or doubtful from Chile

Anacolia laevisphaera (Taylor) Flowers

The species is recorded under different names (*A. laevisphaera*, *A. subsessilis*, *A. subsessilis* var. *brevifolia*) from many regions of Chile (IV, V, RM, VI, VII, VIII, IX, XIV, X, XI, and Juan Fernández Is.), e. g. by He (1998), Bartram (1957), Robinson (1975), Brotherus (1924b), Barrera (2006), and Espinosa (1941). Matteri (1983) has demonstrated that the material of all Chilean records checked by her represent *Bartramia stricta*. The occurrence of true *Anacolia hemisphaerica* in Chile is in need of confirmation.

Atrichum androgynum (Müll.Hal.) A. Jaeger

The species is cited by Nyholm (1971) without exact locality for Chile, but left in all regional publications of Chile. The record of this species and of the genus *Atrichum* in Chile is therefore most unlikely and need further studies.

Bartramia halleriana Hedw.

All South American material referred to this species belongs to *Bartramia mossmaniana* (Fransén 2004a).

Bartramia ithyphylla Brid.

The species was excluded from Chile by Fransén (2004b). All records under this name from the area belong to *B. ithyphylloides*.

Bartramia pomiformis Hedw.

The species occurs only in the northern hemisphere (Fransén 2004a). Records from the area (Mitten 1869, Cardot 1908) must therefore belong to other species of the genus.

Breutelia pendula (Sm.) Mitt.

Dusén (1903b) and Cardot (1908) give records for the province of Antártica Chilena in Magallanes region. The species was excluded from the area by Matteri (1973c). This is in accordance with Jolley & Klazenga (2007), which describe the distribution as restricted to Australasia.

Breutelia polygastrica (Müll. Hal.) Broth.

Thériot (1934b) gives a record of this species under the synonym *Breutelia cuspidatissima* from the province Valdivia. Griffin (1988) cited only records from Costa Rica to Bolivia and from northern Argentina. The occurrence of this species in Chile is most unlikely and needs verification.

Bryohumbertia filifolia (Hornsch.) J.-P. Frahm

The species is cited in Brotherus (1924c) under the synonym *Campylopus macrophyllus* from Chile, but in the original description (Müller 1848) and also in Mitten (1869) the record is given as „Peru ad Cuchero: Pöppig“.

Bucklandiella heterosticha (Hedw.) Bednarek-Ochyra & Ochyra (*Racomitrium heterostichum* [Hedw.] Brid.)

The records of this species from southern South America are doubtless erroneous (Ochyra et al. 2008).

Campylopus areodictyon (Müll. Hal.) Mitt.

The species was excluded from the area by Frahm (2005).

Campylopus asperifolius Mitt.

Mitten (1869) cited the species from “Andes Chilenses (Tatanara)”. The species was collected by Lechler in Tatanara, which is situated in the today’s Peru (Frahm 1991).

Campylopus savannarum (Müll.Hal.) Mitt.

The species was excluded from Chile by Frahm (1998).

Codriophorus aquaticus (Brid. ex Schrad.) Bednarek-Ochyra & Ochyra (*Racomitrium aquaticum* [Brid. ex Schrader] Brid.)

The species was excluded from the area by Bednarek-Ochyra (2006).

Conostomum tetragonum (Hedw.) Lindb.

Frahm et al. (1996) synonymized *C. pentastichum* with the northern hemispheric *C. tetragonum*. Since this time the species is treated in different references under this name from Chile (e. g., Goffinet et al. 2006, Buck 2002, and Buck 2004). Ochyra et al. (2008) doesn’t accept this synonymization and treated *C. pentastichum* as a clearly distinct taxon.

Didymodon pruinosus (Mitt.) R.H.Zander

The record of this species from Chiloé is probably a label mistake (Jiménez & Cano 2008). Records of *Bryoerythrophyllum fuscinerivium*, now a synonym of *D. pruinosus*, from Chile were misidentified mainly with *D. fuscus* (Jiménez & Cano 2008).

Entosthodon balansae Besch.

The species was excluded from the Chilean bryoflora by Cuvertino & Buffa (2009). Specimens from Chile reported under this name represent either *Entostodon obtusifolius*, *Funaria chilensis* or *Physcomitrium* sp.

Fissidens julianus (Savi ex DC.) Schimp.

The record from Chile in Herzog (1954) belongs to *Fissidens berteroi* (Müller & Pursell 2003).

Fissidens osmundoides Hedw.

Specimens from Chile identified as such belong to *Fissidens adianthoides* (Müller & Pursell 2003).

Funaria erectiuscula Mitt.

The species is given with the record “Andes Chilensis, Mendoza (leg. Gillies)” by Mitten (1869) and is therefore included in the Chilean checklist by He (1998). This record is situated in the nowadays territory of Peru and the species is therefore excluded from Chile.

Juratzkaea leptura (Taylor) W.A. Weber ex W.R. Buck

The Chilean record of this Australian and South African moss given by He (1998) is most unlikely and needs confirmation.

Lepidopilum erectiusculum (Taylor) Mitt.

The species is given with the record “Andes Chilenses (Sachapata)” by Mitten (1869) and is therefore included in the Chilean checklist by He (1998). The record lie in the nowadays territory of Peru and the species must therefore excluded from Chile.

Leptotrichella kunzeana (Müll. Hal.) Ochyra (*Dicranella kunzeana* Müll. Hal., *Microdus kunzeanus* [Müll. Hal.] Broth.)

The species is cited as *Dicranella kunzeana* for Chile by Mitten (1869) with the record “Chili et Peru ad Chuchero”. Therefore the species is included in the checklist of He (1998). The record of Mitten is situated in the nowadays territory of Peru and the species must therefore excluded from Chile.

Muelleriella angustifolia (Hook.f. & Wilson) Dusén

The species is cited by Dusén (1905a) from the Magallanes province. Following Vitt (1976) the species is endemic to Campbell Island, New Zealand. The record of Dusén will therefore belong to *M. crassifolia*.

Orthotheciella varia (Hedw.) Ochyra

The species recorded in different literature sources (e. g., Pereira et al. 2006, Buck 2002, Larraín 2007a, He 1998, Müller & Pereira 2006, Ochyra & Matteri 2001, and Matteri & Schiavone 2002) as *Orthotheciella varia* for Chile represent in fact *Cratoneuropsis relaxa* subsp. *minor* (Ochyra et al. 2008).

Philonotis fontanoides (Gillies & Grev.) A. Jaeger

The species is given under the name *Bartramia fontanoides* with the record “Andes Chilensis, Mendoza (leg. Gillies)” by Mitten (1869) and was therefore included in the Chilean checklist by He (1998). The record is situated in the nowadays territory of Peru and the species must therefore excluded from Chile.

Plagiomnium rostratum (Schrad.) T.J. Kop.

Dusén (1903b) and Cardot (1908) cited the species under the synonym *Mnium rostratum* from “Fuegia, Patagonia australis”. Koponen (1979) doesn't cite this species for South America. Therefore the records of this species from the area will belong to other *Plagiomnium* species.

Pogonatum cirratum (Sw.) Brid. subsp. ***fuscatum*** (Mitt.) Hyvönen

The species is cited for Chile under the synonym *Pogonatum spuriocirratum* Broth. by Thériot (1926). Fide Hyvönen (1989) the distribution area of this species is restricted to East Asia, therefore the record from Chile is most unlikely.

Polytrichadelphus umbrosus Mitt.

He (1998) attributed the record of Mitten (1869) from “San Gavan” to Chile. In fact, San Gavan, is situated in Peru and therefore the species is excluded from the Chilean bryoflora.

Pseudocrossidium mendozense (Mitt.) R.H. Zander

Mitten (1869) gives a record as *Tortula mendozensis* from “Andes chilensis, Mendoza (leg. Gillies)”. This record is attributed in He (1998) to Chile, but in reality it is situated in the nowadays Peru.

Pterygoneurum subsessilis (Brid.) Jur.

Mitten (1869) gives a record as *Tortula subsessilis* from “Andes chilensis, Mendoza (leg. Gillies)”. This record is attributed in He (1998) to Chile, but in reality it is situated in the nowadays Peru.

Ptychomnion aciculare (Brid.) Mitt.

According to Hattaway (1984) all of the Chilean collections (e.g. Mitten 1869, Dusén 1903b, Cardot 1908, Bartram 1952) under this name represent *Ptychomnion cygnisetum* or *Ptychomnion densifolium*.

Ptychomnion fruticetorum Müll. Hal.

This species is only known from Brazil and doesn't occur in Chile (Robinson 1970). However, Hattaway (1984) considered it to be a form of *Ptychomnion cygnisetum* and placed *Ptychomnion horridum* and *Ptychomnion subaciculare* in its synonyms.

Pyrrhobryum medium (Besch.) Manuel

The species was excluded from the area by Matteri & Piñero (1987). The Chilean records cited by He (1998) belongs to *P. mnioides*.

Sphagnum imbricatum (Hornsch.) Russ.

Warnstorf (1911) gives a record from Chiloé. The species was excluded from the flora of the area by Flatberg (1984).

Syntrichia sarconeurum (Hook. f. & Wilson) Ochyra & R.H. Zander

Records from western Patagonia in southern South America (e. g., Hässel et al. 1984, Matteri & Schiavone 2002, Matteri 1982, and Matteri 1985b) are erroneous and correctly refer to *Syntrichia lithophila* (Ochyra & Zander 2007, Ochyra et al. 2008).

Tortula vahliana (Schultz) Mont.

The species was cited from Quillota for Chile by Montagne (1850). Cano & Gallego (2008) have excluded the species from the area.

Family placement

Families are arranged alphabetically. The taxonomic arrangement of the families and genera follows with minor exceptions the classification of Goffinet et al. (2008). Following each genus is the number of accepted taxa recorded for Chile. The 890 taxa are assigned to 230 genera in 68 families.

Amblystegiaceae	
<i>Amblystegium</i> Schimp.	1
<i>Campylium</i> (Sull.) Mitt.	2
<i>Cratoneuron</i> (Sull.) Spruce	1
<i>Cratoneuroopsis</i> (Broth.) M. Fleisch.	1
<i>Drepanocladus</i> Müll. Hal.	6
<i>Leptodictyum</i> (Schimp.) Warnst.	1
<i>Sanionia</i> Loeske	2
<i>Scorpidium</i> (Schimp.) Limpr.	2
<i>Vittia</i> Ochyra	2
Andreaeaceae	
<i>Acroschisma</i> Lindl.	1
<i>Andreaea</i> Hedw.	24

Anomodontaceae	
<i>Chileobryon</i> Enroth	1
<i>Haplohymenium</i> Schwägr.	1
Archidiaceae	
<i>Archidium</i> Brid.	2
Aulacomniaceae	
<i>Aulacomnium</i> Schwägr.	1
Bartramiaceae	
<i>Bartramia</i> Hedw.	7
<i>Breutelia</i> (Bruch & Schimp.)	10

Schimp.		<i>Distichophyllum</i> Dozy & Molk.	15
<i>Conostomum</i> Sw. ex F. Weber & D. Mohr	3		
<i>Philonotis</i> Brid.	12	Dicranaceae	
		<i>Anisothecium</i> Mitt.	6
Brachytheciaceae		<i>Aongstroemia</i> Bruch & Schimp.	1
<i>Brachytheciastrum</i> Ignatov & Huttunen	3	<i>Camptodontium</i> Dusén	1
<i>Brachythecium</i> Schimp.	10	<i>Campylopodium</i> (Müll. Hal.) Besch.	2
<i>Eriodon</i> Mont.	1	<i>Chorisodontium</i> (Mitt.) Broth.	5
<i>Eurhynchiella</i> M. Fleisch.	2	<i>Dicranella</i> (Müll. Hal.) Schimp.	6
<i>Eurhynchium</i> Bruch & Schimp.	2	<i>Dicranoloma</i> (Renauld) Renauld	22
<i>Kindbergia</i> Ochyra	1	<i>Eucamptodon</i> Mont.	1
<i>Pseudoscleropodium</i> (Limpr.) M. Fleisch.	1	<i>Muscoherzogia</i> Ochyra	1
<i>Rhynchostegiella</i> (Schimp.) Limpr.	1	<i>Platyneuron</i> (Cardot) Broth.	1
<i>Rhynchostegium</i> Bruch & Schimp.	3		
<i>Sciuro-hypnum</i> (Hampe) Hampe	4	Diphysciaceae	
		<i>Diphyscium</i> D. Mohr	1
Bruchiaceae			
<i>Bruchia</i> Schwägr.	1	Ditrichaceae	
<i>Trematodon</i> Michx.	2	<i>Astomiopsis</i> Müll. Hal.	1
		<i>Ceratodon</i> Brid.	3
Bryaceae		<i>Chrysoblastella</i> R.S. Williams	1
<i>Anomobryum</i> Schimp.	3	<i>Distichium</i> Bruch & Schimp.	1
<i>Brachymenium</i> Schwägr.	7	<i>Ditrichum</i> Hampe	14
<i>Bryum</i> Hedw.	61	<i>Pleuridium</i> Brid.	4
		<i>Rhamphidium</i> Mitt.	2
Calliergonaceae		<i>Skottsbergia</i> Cardot	1
<i>Straminergon</i> Hedenäs	1	<i>Trichodon</i> Schimp.	1
<i>Warnstorfia</i> Loeske	4		
		Drummondiaceae	
Calymperaceae		<i>Drummondia</i> Hook.	1
<i>Mitthyridium</i> H. Rob.	1		
		Encalyptaceae	
Catagoniaceae		<i>Encalypta</i> Hedw.	6
<i>Catagonium</i> Müll. Hal. ex Broth.	3		
		Entodontaceae	
Cryphaeaceae		<i>Entodon</i> Müll. Hal.	1
<i>Cryphaea</i> D. Mohr & F. Weber	2		
<i>Cryphaeophilum</i> M. Fleisch.	1	Eustichiaceae	
<i>Dendrocryphaea</i> Paris & Schimp. ex Broth.	4	<i>Eustichium</i> (Brid.) Brid.	1
Daltoniaceae		Fabroniaceae	
<i>Achrophyllum</i> Vitt & Crosby	8	<i>Fabronia</i> Raddi	4
<i>Calyptrochaete</i> Desv.	7		
<i>Daltonia</i> Hook. & Taylor	3	Fissidentaceae	
		<i>Fissidens</i> Hedw.	19
		Funariaceae	
		<i>Entosthodon</i> Schwägr.	7

<i>Funaria</i> Hedw.	6		
<i>Physcomitrium</i> (Brid.) Brid.	3		
Gigaspermaceae			
<i>Costesia</i> Thér.	1		
<i>Neosharpiella</i> H. Rob. & Delgad.	1		
Grimmiaceae			
<i>Bucklandiella</i> Roiv.	11		
<i>Codriophorus</i> P. Beauv.	1		
<i>Coscinodon</i> Spreng.	2		
<i>Grimmia</i> Hedw.	16		
<i>Niphotrichum</i> (Bednarek-Ochyra) Bednarek-Ochyra & Ochyra	1		
<i>Racomitrium</i> Brid.	4		
<i>Schistidium</i> Brid.	10		
Hedwigiaceae			
<i>Braunia</i> Bruch & Schimp.	1		
<i>Hedwigidium</i> Bruch & Schimp.	1		
Hypnaceae			
<i>Calliergonella</i> Loeske	1		
<i>Chryso-hypnum</i> Hampe	1		
<i>Hypnum</i> Hedw.	10		
<i>Isopterygiopsis</i> Z. Iwats.	1		
<i>Mahua</i> W.R. Buck	1		
<i>Mittenothamnium</i> Henn.	1		
<i>Platydictya</i> Berk.	1		
<i>Pseudotaxiphyllum</i> Z. Iwats.	1		
Hypnodendraceae			
<i>Hypnodendron</i> (Müll. Hal.) Lindb.	1		
Hypopterygiaceae			
<i>Dendrohypopterygium</i> Kruijer	1		
<i>Hypopterygium</i> Brid.	2		
<i>Lopidium</i> Hook. f. & Wilson	1		
Lembophyllaceae			
<i>Acrocladium</i> Mitt.	1		
<i>Fallaciella</i> H. A. Crum	1		
<i>Lembophyllum</i> Lindb.	1		
<i>Weymouthia</i> Broth.	2		
Leptodontaceae			
<i>Forsstroemia</i> Lindb.	1		
<i>Leptodon</i> D. Mohr	2		
Leptostomataceae			
<i>Leptostomum</i> R. Brown	2		
Lepyrodontaceae			
<i>Lepyrodon</i> Hampe	5		
Leskeaceae			
<i>Leptopterigynandrum</i> Müll. Hal.	1		
Leucobryaceae			
<i>Atractylocarpus</i> Mitt.	1		
<i>Campylopus</i> Brid.	18		
<i>Microcampylopus</i> (Müll. Hal.) Fleisch.	1		
<i>Pilopogon</i> Brid.	1		
Leucomiaceae			
<i>Leucomium</i> Mitt.	1		
Meesiaceae			
<i>Amblyodon</i> P. Beauv.	1		
<i>Leptobryum</i> (Bruch & Schimp.) Wilson	1		
<i>Meesia</i> Hedw.	1		
<i>Neomesia</i> Deguchi	1		
Meteoriaceae			
<i>Cryptopapillaria</i> M. Menzel	1		
<i>Meteoropsis</i> M. Fleisch.	1		
<i>Meteorium</i> (Brid.) Dozy & Molk.	1		
<i>Papillaria</i> (Müll. Hal.) Müll. Hal.	2		
Mniaceae			
<i>Cinclidium</i> Schwägr.	1		
<i>Mielichhoferia</i> Nees & Hornsch.	3		
<i>Plagiomnium</i> T. J. Kop.	1		
<i>Pohlia</i> Hedw.	13		
<i>Schizymenium</i> Harv.	6		
Neckeraceae			
<i>Neckera</i> Hedw.	4		
<i>Porothamnium</i> M. Fleisch.	4		
<i>Porotrichodendron</i> M. Fleisch.	1		
<i>Porotrichum</i> (Brid.) Hampe	3		
<i>Thamnobryum</i> Nieuwl.	7		
Oedipodiaceae			

<i>Oedipodium</i> Schwägr.	1	<i>Erythrophylopsis</i> Broth.	1
		<i>Eucladium</i> Bruch & Schimp.	1
Orthodontiaceae		<i>Gertrudiella</i> Broth.	1
<i>Leptotheca</i> Schwägr.	1	<i>Gymnostomum</i> Nees & Hornsch.	4
<i>Orthodontium</i> Schwägr.	3	<i>Henediella</i> Paris	6
		<i>Hymenostylium</i> Brid.	1
Orthotrichaceae		<i>Leptodontium</i> (Müll. Hal.) Hampe	4
<i>Macrocoma</i> (Hornsch.) Grout	3	<i>Molendoa</i> Lindb.	1
<i>Macromitrium</i> Brid.	13	<i>Pseudocrossidium</i> R.S. Williams	8
<i>Matteria</i> Goffinet	2	<i>Pterygoneurum</i> Jur.	1
<i>Muelleriella</i> Dusén	1	<i>Rhexophyllum</i> Herzog	1
<i>Orthotrichum</i> Hedw.	24	<i>Sagenotortula</i> R.H. Zander	1
<i>Pleurorthotrichum</i> Broth.	1	<i>Saitobryum</i> R. H. Zander	1
<i>Ulota</i> D. Mohr	20	<i>Splachnobryum</i> Müll. Hal.	2
<i>Zygodon</i> Hook. & Taylor	13	<i>Syntrichia</i> Brid.	34
		<i>Tortella</i> (Limpr.) Lindb.	4
Pilotrichaceae		<i>Tortula</i> Hedw.	11
<i>Callicostella</i> (Müll. Hal.) Mitt.	2	<i>Trichostomum</i> Bruch	3
<i>Cyclodictyon</i> Mitt.	1	<i>Triquetrella</i> Müll. Hal.	1
<i>Thamniopsis</i> (Mitt.) M. Fleisch.	1	<i>Weissia</i> Hedw.	4
		<i>Willia</i> Müll. Hal.	2
Plagiotheciaceae			
<i>Plagiothecium</i> Bruch & Schimp.	6	Pterigynandraceae	
		<i>Myurella</i> Schimp.	1
Polytrichaceae			
<i>Atrichopsis</i> Cardot	1	Pterobryaceae	
<i>Dendroligotrichum</i> (Müll. Hal.) Broth.	2	<i>Renauldia</i> Müll. Hal.	1
<i>Hebantia</i> G. L. Merr.	1		
<i>Notoligotrichum</i> G. L. Sm.	5	Ptychomitriaceae	
<i>Oligotrichum</i> Lam. & DC.	5	<i>Campylostelium</i> Bruch & Schimp.	1
<i>Pogonatum</i> P. Beauv.	1	<i>Coscinodontella</i> R.S. Williams	1
<i>Polytrichadelphus</i> (Müll. Hal.) Mitt.	1	<i>Jaffueliobryum</i> Thér.	1
<i>Polytrichastrum</i> G. L. Sm.	3	<i>Ptychomitrium</i> Fűrnr.	9
<i>Polytrichum</i> Hedw.	5		
		Ptychomniaceae	
Pottiaceae		<i>Cladomniopsis</i> M. Fleisch.	1
<i>Acaulon</i> Müll. Hal.	1	<i>Glyphothecium</i> Hampe	2
<i>Aloina</i> Kindb.	4	<i>Ombronesus</i> N.E. Bell, N. Pedersen & A.E. Newton	1
<i>Aloinella</i> Cardot	1	<i>Ptychomniella</i> (Broth.) W.R. Buck, C.J. Cox, A.J. Shaw & Goffinet	1
<i>Barbula</i> Hedw.	11	<i>Ptychomnion</i> (Hook.f. & Wilson) Mitt.	3
<i>Bryoerythrophyllum</i> P.C. Chen	5		
<i>Calyptopogon</i> (Mitt.) Broth.	1	Pylaisiadelphaceae	
<i>Chenia</i> R. H. Zander	1	<i>Aptychella</i> (Broth.) Herzog	1
<i>Cinclidotus</i> P. Beauv.	1	<i>Isopterygium</i> Mitt.	2
<i>Crossidium</i> Jur.	1		
<i>Didymodon</i> Hedw.	19		
<i>Ephemerum</i> Hampe	1		

Racopilaceae	
<i>Racopilum</i> P. Beauv.	4
Rhabdoweisiaceae	
<i>Amphidium</i> Schimp.	2
<i>Arctoa</i> Bruch & Schimp.	1
<i>Holodontium</i> (Mitt.) Broth.	1
<i>Hymenoloma</i> Dusén	5
<i>Kiaeria</i> I. Hagen	1
<i>Oreoweisia</i> (Bruch & Schimp.) De Not.	1
<i>Rhabdoweisia</i> Bruch & Schimp.	2
<i>Symblepharis</i> Mont.	3
Rhacocarpaceae	
<i>Pararhacocarpus</i> Frahm	1
<i>Rhacocarpus</i> Lindb.	1
Rhizogoniaceae	
<i>Goniobryum</i> Lindb.	1
<i>Pyrrhobryum</i> Mitt.	2
<i>Rhizogonium</i> Brid.	1
Rigodiaceae	
<i>Rigodium</i> Schwägr.	7
Saulomataceae	
<i>Ancistrodes</i> Hampe	1
<i>Sauloma</i> (Hook.f. & Wilson) Mitt.	1
<i>Vesiculariopsis</i> Broth.	1
Schimperobryaceae	
<i>Schimperobryum</i> Margad.	2

Scouleriaceae	
<i>Scouleria</i> Hook.	1
Seligeriaceae	
<i>Blindia</i> Bruch & Schimp.	5
Sematophyllaceae	
<i>Rhaphidorrhynchium</i> Besch. ex M. Fleisch.	8
<i>Sematophyllum</i> Mitt.	8
<i>Warburgiella</i> Müll. Hal.	1
Sphagnaceae	
<i>Sphagnum</i> L.	19
Splachnaceae	
<i>Tayloria</i> Hook.	6
<i>Tetraplodon</i> Bruch & Schimp.	1
Stereophyllaceae	
<i>Catagoniopsis</i> Broth.	1
<i>Juratzkaea</i> Lorentz	1
Tetraphidaceae	
<i>Tetradontium</i> Schwägr.	1
Thuidiaceae	
<i>Thuidiopsis</i> (Broth.) M. Fleisch.	4
<i>Thuidium</i> Bruch & Schimp.	2

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